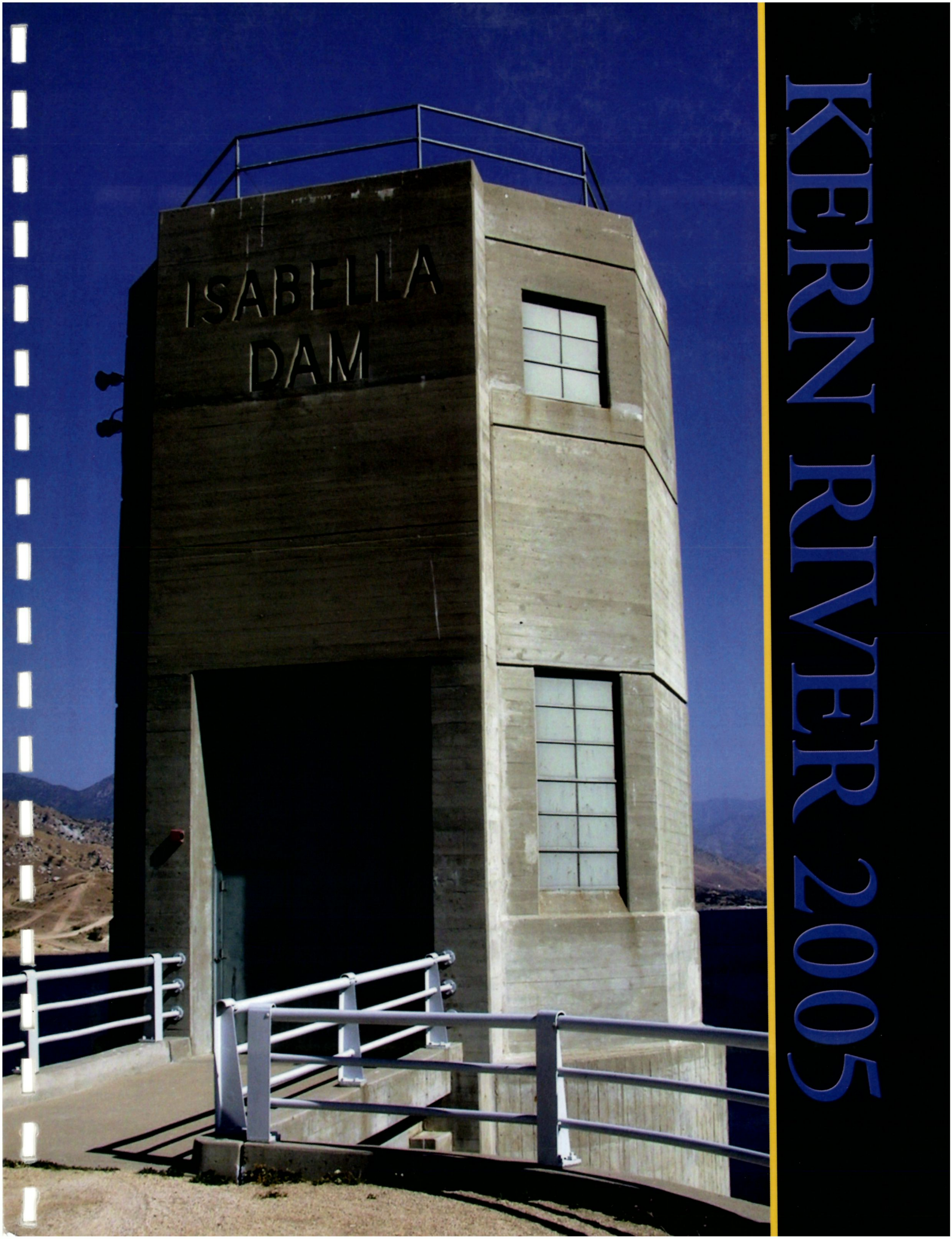
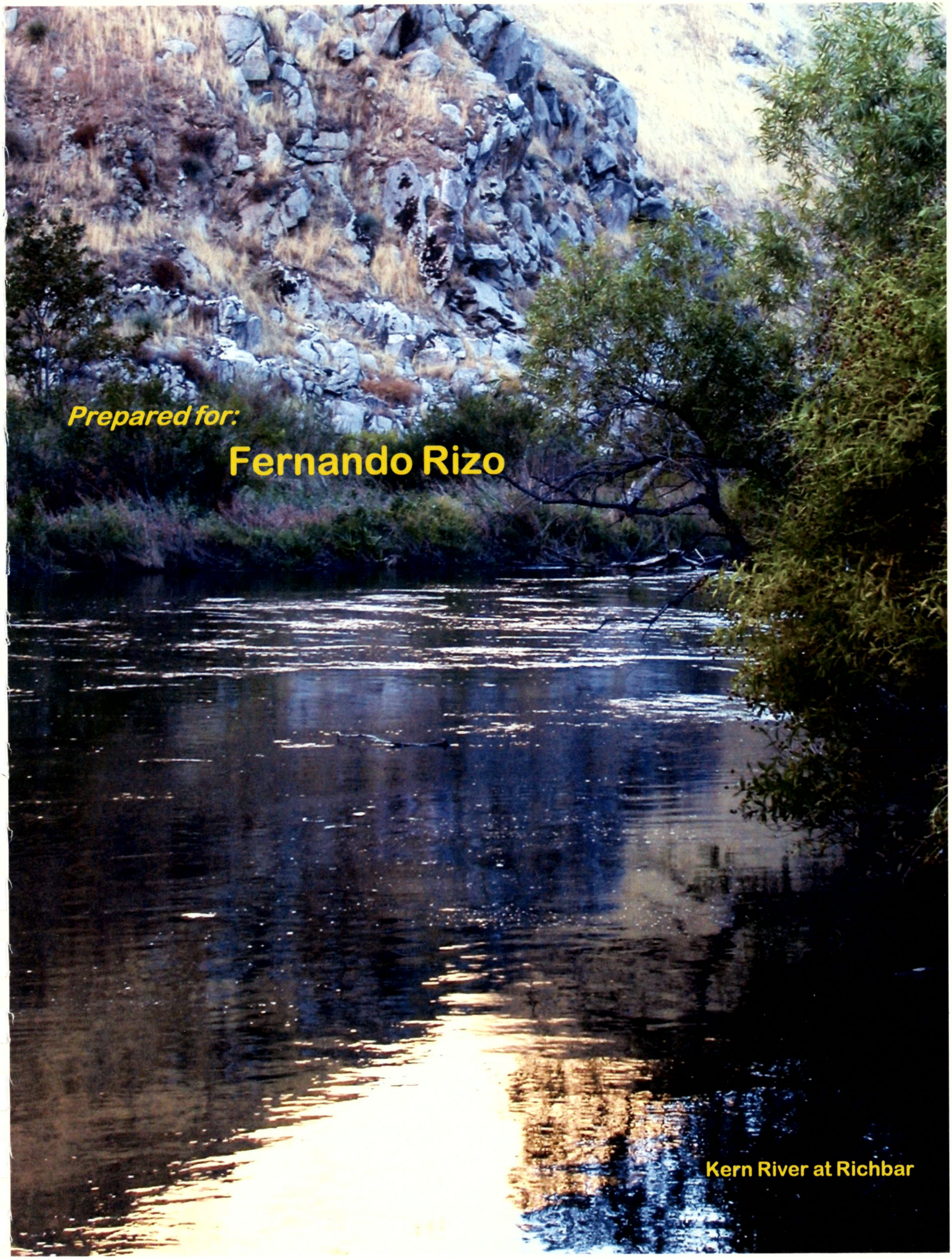


KERN RIVER 2005

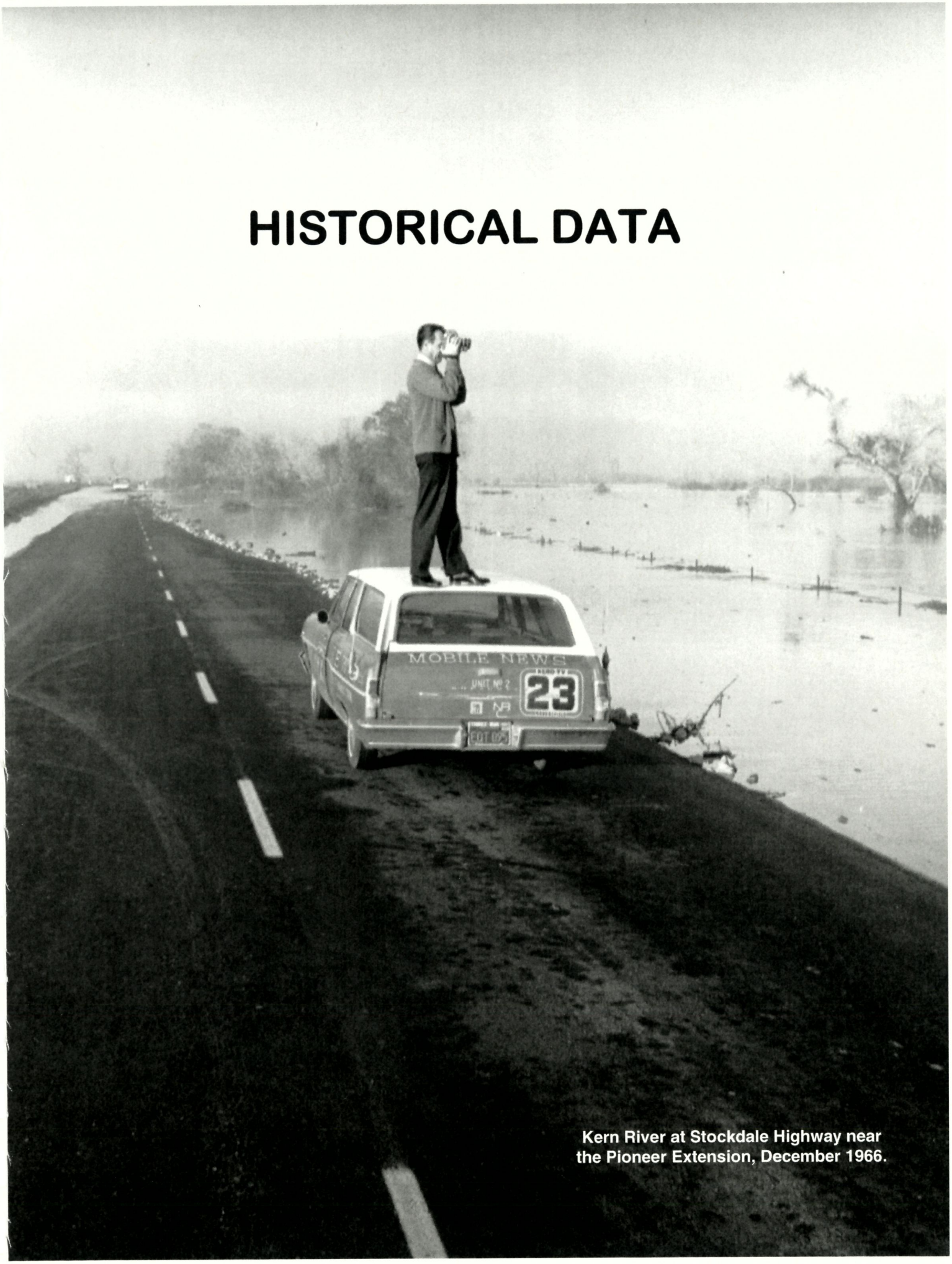

Prepared for:
Fernando Rizo
Kern River at Richbar

2005
HYDROGRAPHIC ANNUAL REPORT

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HISTORICAL DATA



Kern River at Stockdale Highway near
the Pioneer Extension, December 1966.

HISTORICAL RECAP
KERN RIVER AT FIRST POINT OF MEASUREMENT

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

HISTORICAL RECAP
KERN RIVER AT FIRST POINT OF MEASUREMENT

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

HISTORICAL RECAP
KERN RIVER AT FIRST POINT OF MEASUREMENT

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

HISTORICAL RECAP
KERN RIVER AT FIRST POINT OF MEASUREMENT

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

HISTORICAL RECAP
KERN RIVER AT FIRST POINT OF MEASUREMENT

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

HISTORICAL RECAP
KERN RIVER AT FIRST POINT OF MEASUREMENT

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

KERN RIVER AT FIRST POINT OF MEASUREMENT
HISTORICAL MONTHLY NATURAL FLOWS

YEAR: 2005

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	37,632	43,704	65,865	99,187	156,544	139,182	72,410	31,307	18,395	17,410	20,265	27,750	729,651
Mean Monthly Flow (second foot days)	612	780	1,071	1,667	2,546	2,339	1,178	509	309	283	341	451	1,007
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	112	112	112	112	112	112	112	112	112	113	113	113	
Cumulative Monthly Flow	4,214,778	4,894,815	7,376,905	11,108,960	17,532,869	15,588,418	8,109,920	3,506,376	2,060,202	1,967,315	2,289,894	3,135,759	
Median Monthly Flow	23,819	31,793	48,184	75,447	120,702	110,759	47,698	21,703	13,890	14,388	15,989	19,642	544,014
Median Monthly Flow (second foot days)	387	567	784	1,268	1,963	1,861	776	353	233	234	269	319	751

MEAN APRIL - JULY RUNOFF TO DATE = 467,323 AcFt
MEDIAN APRIL - JULY RUNOFF TO DATE = 354,606 AcFt

MEAN MARCH - OCTOBER RUNOFF TO DATE = 600,300 AcFt
MEDIAN MARCH - OCTOBER RUNOFF TO DATE = 452,771 AcFt

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

Acre-foot Quantities In order of Magnitude

Year: 2005

YEAR	APR	MAY	JUN	JUL	TOTAL	% OF AVERAGE
1961	24,137	29,980	24,305	8,952	87,374	19%
1924	28,540	41,722	14,069	8,225	92,556	20%
1977	23,391	25,630	35,655	10,973	95,649	20%
1931	23,440	41,867	24,262	8,493	98,062	21%
1976	25,924	47,151	20,930	14,749	108,754	23%
1990	32,019	38,600	29,345	13,380	113,344	24%
1934	39,919	43,065	21,820	11,341	116,145	25%
1972	28,288	45,965	38,531	14,936	127,720	27%
1959	40,566	39,945	32,061	18,013	130,585	28%
1898	42,248	45,213	32,809	15,033	135,303	29%
1988	39,584	58,350	43,140	20,969	162,043	35%
1960	46,272	58,336	47,181	16,683	168,472	36%
1992	55,448	74,394	32,987	16,324	179,153	38%
1964	42,946	61,521	54,658	23,803	182,928	39%
1994	46,489	67,224	56,223	21,068	191,004	41%
1928	37,757	76,885	60,344	18,716	193,702	41%
1900	28,102	68,295	76,366	24,125	196,888	42%
1949	50,517	84,508	57,685	17,201	209,911	45%
1987	55,236	75,108	56,146	24,918	211,408	45%
1913	42,494	73,561	60,738	34,929	211,722	45%
1899	53,133	51,353	79,178	30,046	213,710	46%
2002	58,838	69,991	63,775	22,703	215,307	46%
1929	39,064	85,995	63,487	30,986	219,532	47%
1966	68,779	82,336	45,431	23,347	219,893	47%
2004	64,197	78,343	56,378	23,084	222,002	48%
1955	37,567	69,544	86,660	31,014	224,785	48%
1930	53,506	67,851	82,824	28,401	232,582	50%
1926	66,079	98,598	49,530	18,575	232,782	50%
1989	91,380	71,849	49,823	21,378	234,430	50%
1948	43,976	86,108	78,565	31,331	239,980	51%
1971	52,661	66,635	82,707	42,472	244,475	52%
1968	65,584	87,991	64,054	30,690	248,319	53%
1947	60,353	110,325	57,778	21,116	249,572	53%
2001	58,249	124,417	43,033	24,593	250,292	54%
1912	37,246	80,471	100,925	33,170	251,812	54%
1999	55,843	95,199	68,733	32,852	252,627	54%
1981	69,320	91,914	65,817	25,630	252,681	54%
1908	79,320	79,418	60,305	41,851	260,894	56%
1951	48,914	85,039	88,990	38,941	261,884	56%
1939	92,136	92,253	58,400	25,480	268,269	57%
1991	58,092	79,763	100,423	38,265	276,543	59%
1957	38,644	79,355	132,359	41,988	292,346	63%
1894	88,974	98,801	64,564	43,061	295,400	63%
1933	57,265	60,026	125,395	56,898	299,584	64%
1950	76,155	98,483	90,367	34,901	299,906	64%
2000	67,388	129,406	81,396	28,306	306,496	66%
1925	56,408	102,016	96,252	58,437	313,113	67%
1904	59,812	113,205	103,904	39,725	316,646	68%
1970	63,513	110,057	95,700	50,138	319,408	68%
1921	51,723	100,096	120,387	49,119	321,325	69%
2003	56,146	113,472	118,383	37,075	325,076	70%
1953	70,730	86,019	103,164	69,657	329,570	71%
1923	73,355	120,849	82,528	55,800	332,532	71%
1918	74,513	78,722	136,753	44,828	334,816	72%
1919	86,574	140,215	81,844	34,364	342,997	73%
1935	71,042	103,787	133,634	42,184	350,647	75%

YEAR	APR	MAY	JUN	JUL	TOTAL	% OF AVERAGE
1910	102,883	127,733	79,464	42,046	352,126	75%
1954	101,203	139,719	73,553	39,642	354,117	76%
1905	62,047	117,748	132,766	53,835	366,396	78%
1896	57,864	86,174	146,124	82,760	372,922	80%
1975	46,602	147,001	140,660	51,917	386,180	83%
1902	107,403	109,904	128,853	43,436	389,596	83%
1946	109,658	155,476	85,880	39,733	390,747	84%
1903	74,315	132,097	139,222	53,355	398,989	85%
1944	80,223	150,109	115,862	59,197	405,391	87%
1979	102,079	164,935	106,112	46,733	419,859	90%
1984	91,359	161,613	93,114	77,046	423,132	91%
1985	136,241	146,799	99,858	41,395	424,293	91%
1920	83,370	158,904	137,840	50,699	430,813	92%
1915	80,916	124,506	172,324	77,496	455,242	97%
1965	80,043	131,980	149,357	95,288	456,668	98%
1963	69,412	137,839	163,944	105,384	476,579	102%
1940	118,175	196,465	145,503	50,471	510,614	109%
1962	147,463	135,884	157,253	74,874	515,474	110%
1927	100,362	184,721	161,153	75,481	521,717	112%
1942	112,586	150,036	178,754	81,529	522,905	112%
1956	97,553	159,683	168,876	99,529	525,641	112%
1932	111,273	154,742	166,404	94,013	526,432	113%
1974	114,113	183,733	167,740	69,580	535,166	115%
1917	126,329	165,062	187,638	81,275	560,304	120%
1997	142,909	214,290	142,358	71,919	571,476	122%
1936	157,290	219,404	137,028	67,902	581,624	124%
1901	83,190	186,446	197,792	114,613	582,041	125%
1993	133,993	200,864	162,420	87,414	584,691	125%
1945	131,246	205,509	169,002	91,593	597,350	128%
1996	147,959	225,987	154,883	70,502	599,331	128%
1922	84,407	242,259	202,395	88,649	617,710	132%
1897	173,393	281,639	137,393	61,837	654,262	140%
1907	197,720	199,950	183,995	97,083	678,748	145%
1914	144,934	210,676	201,064	128,338	685,012	147%
1895	162,071	268,635	172,890	91,133	694,729	149%
1943	198,736	254,785	155,650	88,011	697,182	149%
1911	138,113	184,481	222,076	156,498	701,168	150%
1973	110,892	288,652	230,390	93,834	723,768	155%
2005	**132,119**	**288,847**	**238,352**	**129,182**	**788,500**	**169%**
1982	212,963	254,985	198,748	130,098	796,794	171%
1958	168,105	316,974	230,866	115,724	831,669	178%
1937	183,505	352,050	225,395	91,097	852,047	182%
1986	208,147	293,335	263,794	121,398	886,674	190%
1967	99,509	269,631	311,063	243,802	924,005	198%
1995	143,244	255,046	293,129	237,802	929,221	199%
1938	223,928	315,044	291,880	130,917	961,769	206%
1980	211,608	287,825	282,877	208,715	991,025	212%
1941	124,615	386,666	309,960	174,416	995,657	213%
1978	181,700	363,157	354,825	194,693	1,094,375	234%
1952	222,633	434,769	302,557	159,856	1,119,815	240%
1998	189,663	308,440	371,835	267,435	1,137,373	243%
1909	247,402	382,617	394,086	194,870	1,218,975	261%
1906	173,143	360,234	458,418	399,841	1,391,636	298%
1983	206,473	478,625	571,846	288,866	1,545,810	331%
1916	481,749	472,994	391,700	225,154	1,571,597	336%
1969	378,333	617,968	496,796	254,777	1,747,874	374%
MAXIMUM	481,749	617,968	571,846	399,841	1,747,874	
MINIMUM	23,391	25,630	14,069	8,225	87,374	
AVERAGE	99,187	156,544	139,182	72,410	467,323	

Kern River Mean Natural Flow at First Point of Measurement

DISCHARGE IN CUBIC FEET PER SECOND (1893 to Date) Year: 2005

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	461	734	862	1,307	2,122	2,736	1,697	723	367	300	291	354
2	510	700	894	1,312	2,151	2,706	1,677	700	363	296	289	364
3	601	658	969	1,329	2,193	2,691	1,652	682	361	294	286	376
4	506	613	947	1,323	2,258	2,678	1,622	665	352	291	283	394
5	499	613	976	1,354	2,305	2,679	1,564	640	365	284	285	496
6	477	671	939	1,379	2,343	2,681	1,519	624	369	291	285	1,078
7	470	796	900	1,399	2,368	2,674	1,474	608	345	281	288	519
8	474	743	916	1,425	2,406	2,643	1,429	595	332	287	361	429
9	478	785	1,001	1,452	2,442	2,589	1,386	580	322	287	381	436
10	509	755	1,043	1,478	2,467	2,566	1,345	570	311	284	321	443
11	528	690	1,049	1,575	2,469	2,527	1,296	560	306	281	322	455
12	565	708	1,004	1,592	2,469	2,508	1,260	548	310	278	318	438
13	575	816	1,011	1,586	2,495	2,492	1,231	523	300	278	311	416
14	668	806	1,021	1,604	2,522	2,460	1,207	504	290	273	314	391
15	590	800	997	1,625	2,545	2,427	1,169	502	289	274	309	389
16	601	776	1,034	1,667	2,569	2,377	1,143	494	284	274	310	384
17	589	799	1,057	1,687	2,599	2,341	1,110	483	283	281	319	387
18	656	897	1,116	1,717	2,634	2,296	1,082	480	281	279	333	379
19	627	898	1,108	1,758	2,673	2,255	1,049	477	275	279	460	372
20	591	889	1,102	1,805	2,677	2,220	1,023	464	276	282	411	370
21	598	836	1,140	1,848	2,681	2,186	988	445	277	279	367	377
22	689	839	1,129	1,884	2,694	2,151	959	428	276	275	377	405
23	707	859	1,145	1,898	2,690	2,104	944	418	274	276	364	532
24	713	832	1,149	1,914	2,703	2,042	943	404	273	275	384	482
25	946	834	1,193	1,935	2,728	1,988	902	394	290	273	386	485
26	921	830	1,215	1,969	2,774	1,925	872	382	329	280	363	461
27	770	832	1,248	1,996	2,784	1,881	851	381	305	284	377	493
28	721	818	1,253	2,042	2,789	1,832	822	383	288	286	371	470
29	640	857	1,252	2,058	2,803	1,783	789	381	292	286	361	458
30	618	-	1,251	2,089	2,794	1,733	766	376	289	292	390	501
31	675	-	1,286	-	2,777	-	736	370	-	297	-	457
TOTAL	18,973	22,034	33,207	50,007	78,924	70,171	36,507	15,784	9,274	8,777	10,217	13,991
MAXIMUM DAY	946	898	1,286	2,089	2,803	2,736	1,697	723	369	300	460	1,078
MINIMUM DAY	461	613	862	1,307	2,122	1,733	736	370	273	273	283	354
MEAN	612	780	1,071	1,667	2,546	2,339	1,178	509	309	283	341	451
TOTAL AC. FT.	37,632	43,704	65,865	99,187	156,544	139,182	72,410	31,307	18,395	17,410	20,265	27,750

WHOLE YEAR:- TOTAL, 367,866 MAX., 2,803 MIN., 273 MEAN, 1,007 TOTAL AC.FT., 729,651

Kern River Median Natural Flow at First Point of Measurement

DISCHARGE IN CUBIC FEET PER SECOND (1893 to Date) Year: 2005

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	352	442	625	1,058	1,618	2,163	1,233	492	263	229	245	285
2	347	435	634	1,044	1,653	2,210	1,138	466	255	229	257	281
3	353	452	628	1,030	1,645	2,214	1,115	468	257	227	252	305
4	355	460	638	1,030	1,708	2,192	1,108	467	262	236	250	317
5	355	468	700	1,068	1,732	2,129	1,063	433	256	226	257	321
6	373	475	675	1,114	1,723	2,141	1,031	426	258	222	249	326
7	372	490	651	1,196	1,706	2,407	965	410	254	228	252	312
8	377	522	646	1,199	1,736	2,277	914	407	248	230	255	312
9	387	534	659	1,222	1,874	2,222	884	388	246	228	259	307
10	368	551	638	1,231	1,908	2,160	844	379	246	230	264	304
11	385	543	652	1,187	1,875	2,238	821	366	241	224	262	309
12	390	562	666	1,204	1,896	2,256	814	357	243	225	267	309
13	390	585	623	1,214	1,994	2,157	819	363	233	229	268	315
14	394	566	683	1,226	1,927	2,151	799	348	225	229	271	318
15	376	538	724	1,176	1,922	2,069	755	340	227	229	269	319
16	385	575	723	1,211	1,888	1,952	728	342	234	229	268	325
17	376	614	740	1,230	2,031	1,839	703	329	229	233	269	322
18	377	609	766	1,261	2,095	1,759	704	325	226	232	270	311
19	384	597	854	1,279	2,133	1,640	684	320	220	244	281	317
20	401	593	884	1,307	2,071	1,589	689	310	218	244	277	318
21	390	576	908	1,345	2,019	1,552	668	306	221	237	267	311
22	397	577	894	1,392	2,081	1,556	633	296	223	236	275	316
23	393	574	896	1,412	2,061	1,518	608	307	215	235	282	334
24	418	581	879	1,446	2,100	1,422	589	307	210	233	287	327
25	416	600	912	1,454	2,129	1,436	598	298	211	236	290	336
26	397	611	971	1,488	2,094	1,406	574	283	220	241	288	327
27	406	623	999	1,480	2,166	1,320	544	298	215	250	281	327
28	410	634	994	1,499	2,231	1,290	524	279	214	247	278	340
29	411	642	981	1,497	2,289	1,316	508	279	212	248	283	350
30	428	-	1,011	1,538	2,291	1,260	508	279	221	242	288	347
31	446	-	1,039	-	2,258	-	483	274	-	246	-	355
TOTAL	12,009	16,029	24,293	38,038	60,854	55,841	24,048	10,942	7,003	7,254	8,061	9,903
MAXIMUM DAY	446	642	1,039	1,538	2,291	2,407	1,233	492	263	250	290	355
MINIMUM DAY	347	435	623	1,030	1,618	1,260	483	274	210	222	245	281
MEAN	387	567	784	1,268	1,963	1,861	776	353	233	234	269	319
TOTAL AC. FT.	23,819	31,793	48,184	75,447	120,702	110,759	47,698	21,703	13,890	14,388	15,989	19,642

WHOLE YEAR:- TOTAL, 274,275 MAX., 2,407 MIN., 210 MEAN, 751 TOTAL AC.FT., 544,014

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

RECAPITULATION IN ACRE-FEET

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
1954	22,019	30,361	44,575	79,089	80,539	81,189	61,059	39,830	22,114	14,450	17,500	17,595	510,320
1955	19,795	22,058	34,671	38,874	48,188	72,196	43,259	25,065	12,936	10,399	13,599	26,743	367,783
1956	41,377	40,326	62,779	49,291	94,887	115,428	124,007	99,489	52,098	42,294	16,990	16,534	755,500
1957	17,958	22,425	34,935	39,677	52,885	96,466	70,175	39,943	22,471	17,282	13,795	17,847	445,859
1958	19,137	28,175	42,125	78,472	131,421	181,305	187,890	143,722	61,519	49,825	25,095	18,825	967,511
1959	20,811	20,991	37,767	29,936	27,463	94,028	59,817	22,699	10,524	8,700	9,786	10,643	353,165
1960	12,516	17,405	24,044	25,041	47,986	81,481	38,991	26,386	13,154	10,483	13,803	12,798	324,088
1961	11,280	10,736	14,017	16,318	16,780	19,321	25,222	21,316	13,404	7,267	9,281	12,121	177,063
1962	13,121	27,435	44,838	95,445	87,187	112,437	113,318	40,778	26,164	22,623	12,448	12,054	607,848
1963	12,067	24,175	32,959	38,914	54,756	80,063	127,710	118,179	68,368	64,828	31,174	23,044	676,237
1964	20,356	21,152	28,532	27,485	28,451	76,268	71,078	31,323	10,989	8,852	14,259	22,879	361,624
1965	35,784	35,907	41,383	39,399	61,313	85,934	96,236	75,497	52,397	47,220	34,356	28,877	634,303
1966	29,978	22,752	50,933	44,634	37,289	67,486	68,338	51,110	19,535	14,739	15,265	82,447	504,506
1967	**146,180**	40,516	57,923	82,732	190,249	200,743	183,566	**240,154**	146,509	85,002	56,799	35,482	1,465,855
1968	33,088	36,284	44,904	45,035	52,156	88,046	82,937	56,584	13,656	13,886	16,365	14,085	497,026
1969	50,499	106,247	**237,265**	**378,817**	332,015	374,787	263,903	221,738	121,359	102,494	90,523	34,122	2,313,769
1970	42,299	32,206	52,489	60,101	53,698	86,904	94,112	88,421	35,667	21,285	18,228	15,844	601,254
1971	25,978	35,520	48,589	30,809	31,950	57,322	82,128	64,643	23,520	12,184	12,839	17,169	442,651
1972	19,527	22,094	32,130	29,760	32,410	44,965	47,996	31,579	11,560	10,286	12,460	16,524	311,291
1973	21,356	26,214	38,878	66,541	97,172	143,554	161,028	102,660	47,883	29,457	24,811	25,579	785,133
1974	35,447	45,969	49,248	47,151	57,477	96,807	120,476	109,093	69,648	54,365	37,085	23,137	745,903
1975	21,221	34,844	45,041	38,444	57,142	95,197	108,932	89,738	34,139	17,072	15,108	15,213	572,091
1976	14,690	19,008	31,789	23,609	28,901	52,300	54,190	30,742	21,828	19,440	12,946	11,341	320,784
1977	14,051	14,380	15,925	18,778	17,431	25,813	32,951	21,888	8,765	7,660	8,287	14,773	200,702
1978	26,132	50,285	49,222	149,450	266,073	236,549	198,587	146,660	73,234	93,098	70,927	30,458	1,390,675
1979	32,549	31,793	45,903	46,508	62,557	109,987	126,343	107,605	32,267	22,792	18,855	18,909	656,068
1980	55,976	81,590	157,503	185,089	167,415	194,134	238,716	200,338	106,516	82,893	61,644	28,838	1,560,652
1981	25,482	27,013	40,594	41,768	46,348	78,405	80,906	51,310	14,315	14,324	18,426	21,578	460,469
1982	30,363	43,374	49,110	57,060	86,469	155,508	166,492	156,341	88,411	104,122	**101,403**	82,435	1,121,088
1983	57,566	71,165	152,862	286,605	**370,706**	**419,760**	**387,505**	176,194	**153,814**	**117,233**	97,616	**90,549**	**2,381,575**
1984	84,280	96,998	68,614	49,793	67,327	89,409	110,785	96,734	43,180	41,726	37,420	47,770	834,036
1985	40,133	48,686	53,821	56,358	72,506	98,757	111,385	77,728	34,973	25,305	20,333	28,986	668,971
1986	31,277	39,039	95,946	172,221	205,204	233,197	193,767	141,114	67,569	82,792	45,227	24,208	1,331,561
1987	24,117	28,919	43,408	44,894	43,609	68,424	73,047	42,545	18,589	15,824	14,269	14,664	432,309
1988	20,793	26,906	35,036	33,769	31,815	50,995	60,458	28,346	13,529	9,025	10,318	14,483	335,473
1989	16,869	21,568	32,092	38,575	39,632	56,527	55,765	36,204	14,241	12,773	10,788	13,739	348,773
1990	12,926	16,124	25,071	24,422	25,454	30,030	31,129	21,519	6,885	8,979	8,037	8,925	219,501
1991	10,627	9,112	27,814	28,937	30,539	62,997	63,654	48,196	12,490	11,353	13,381	14,394	333,494
1992	13,593	20,711	25,451	25,777	33,548	38,600	40,967	31,928	10,195	7,789	10,383	13,880	272,822
1993	22,062	25,426	52,479	45,489	63,322	107,357	118,677	88,671	51,846	34,725	14,021	18,264	642,339
1994	19,622	28,720	41,819	41,256	35,411	69,470	75,175	53,484	16,072	13,745	12,060	15,527	422,361
1995	19,839	20,858	57,225	113,865	138,034	186,960	195,546	205,924	102,593	71,157	57,106	27,993	1,197,100
1996	28,994	34,576	47,226	59,046	148,419	153,050	147,913	113,232	64,770	43,593	45,201	82,016	968,036
1997	63,352	**142,831**	158,678	95,933	120,789	133,315	133,724	108,452	55,240	42,278	46,977	31,894	1,133,463
1998	45,636	93,987	97,468	132,317	239,423	284,408	239,607	200,713	114,224	89,980	93,054	31,739	1,662,556
1999	32,523	40,907	29,209	29,480	38,071	64,411	78,924	64,167	36,405	20,473	10,848	16,203	461,621
2000	19,946	23,320	33,834	46,580	49,204	81,023	83,659	59,577	26,533	20,340	12,260	16,260	472,536
2001	13,936	17,643	26,364	29,679	41,423	73,624	61,618	42,432	21,410	15,588	13,259	18,793	375,769
2002	25,339	19,898	26,465	28,300	34,740	54,714	58,163	36,317	16,197	13,635	20,165	23,694	357,627
2003	28,584	20,966	24,889	25,548	41,952	78,152	83,336	68,297	37,192	29,364	12,785	17,724	468,789
2004	19,772	17,917	34,389	49,551	49,068	71,088	61,801	48,508	27,646	15,009	14,041	16,589	425,379
2005	34,455	33,256	36,881	38,928	86,217	191,024	188,997	137,561	78,554	60,066	35,747	30,654	952,340
MAXIMUM	**146,180**	**142,831**	**237,265**	**378,817**	**370,706**	**419,760**	**387,505**	**240,154**	**153,814**	**117,233**	**101,403**	**90,549**	**2,381,575**
MINIMUM	**10,627**	**9,112**	**14,017**	**16,318**	**16,780**	**19,321**	**25,222**	**21,316**	**6,885**	**7,267**	**8,037**	**8,925**	**177,063**
AcFt TOTAL	**1,557,278**	**1,870,768**	**2,717,112**	**3,401,550**	**4,355,021**	**5,901,915**	**5,785,965**	**4,382,674**	**2,259,097**	**1,812,074**	**1,459,353**	**1,326,842**	**36,829,649**
AcFt AVERAGE	**29,948**	**35,976**	**52,252**	**65,414**	**83,750**	**113,498**	**111,269**	**84,282**	**43,444**	**34,848**	**28,064**	**25,516**	**708,261**
S.F.D. AVERAGE	**487**	**642**	**850**	**1,099**	**1,362**	**1,907**	**1,810**	**1,371**	**730**	**567**	**472**	**415**	**976**
% OF TOTAL	**4.23%**	**5.08%**	**7.38%**	**9.24%**	**11.82%**	**16.03%**	**15.71%**	**11.90%**	**6.13%**	**4.92%**	**3.96%**	**3.60%**	**100.00%**

DISCHARGE IN CUBIC FEET PER SECOND

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

Year: 2005

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	459	535	788	944	1,251	1,562	1,928	1,573	923	660	473	432
2	468	549	780	965	1,269	1,612	1,884	1,550	902	669	466	406
3	456	566	785	970	1,268	1,663	1,881	1,559	884	654	466	394
4	450	569	799	969	1,297	1,717	1,851	1,553	871	643	470	399
5	451	567	797	977	1,296	1,755	1,877	1,563	844	638	472	409
6	451	578	794	973	1,294	1,780	1,898	1,571	818	658	477	483
7	455	578	802	994	1,285	1,817	1,910	1,548	796	630	472	414
8	453	581	801	1,025	1,310	1,841	1,924	1,529	779	618	475	404
9	447	672	800	1,055	1,320	1,866	1,923	1,542	760	619	481	400
10	442	651	823	1,073	1,319	1,878	1,901	1,544	748	609	481	394
11	439	615	849	1,086	1,304	1,889	1,883	1,538	738	589	493	390
12	441	612	824	1,097	1,318	1,907	1,879	1,511	722	559	490	401
13	450	627	833	1,102	1,321	1,927	1,864	1,483	713	558	494	399
14	455	647	825	1,110	1,317	1,949	1,874	1,457	712	556	477	395
15	456	638	843	1,125	1,302	1,956	1,876	1,445	707	545	471	401
16	479	630	849	1,125	1,310	1,980	1,860	1,436	705	535	475	397
17	480	629	856	1,129	1,312	2,033	1,826	1,406	699	520	479	404
18	489	639	846	1,130	1,330	2,047	1,791	1,411	684	529	471	421
19	497	653	846	1,142	1,352	2,048	1,777	1,378	672	533	472	419
20	494	691	862	1,135	1,392	2,021	1,745	1,342	665	540	473	415
21	494	689	882	1,136	1,412	2,034	1,779	1,310	663	541	475	414
22	494	701	888	1,141	1,426	2,047	1,764	1,263	665	532	467	414
23	501	735	896	1,157	1,443	2,032	1,755	1,239	666	530	457	408
24	537	729	902	1,175	1,449	2,045	1,731	1,215	662	529	443	415
25	558	712	901	1,181	1,447	2,030	1,710	1,181	658	532	458	415
26	580	717	904	1,193	1,437	2,005	1,703	1,140	654	525	466	424
27	566	726	912	1,211	1,443	1,947	1,694	1,112	652	517	464	429
28	544	741	913	1,207	1,448	1,932	1,677	1,082	647	509	467	438
29	531	644	898	1,214	1,475	1,959	1,663	1,043	656	509	461	436
30	537	-	917	1,239	1,515	1,943	1,652	1,003	638	501	462	441
31	545	-	929	-	1,562	-	1,618	965	-	482	-	453
TOTAL	15,099	18,138	26,344	32,980	42,224	57,222	56,098	42,492	21,903	17,569	14,148	12,864
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	487	642	850	1,099	1,362	1,907	1,810	1,371	730	567	472	415
TOTAL AC. FT.	29,948	35,976	52,252	65,414	83,750	113,498	111,269	84,282	43,444	34,848	28,064	25,516

WHOLE YEAR:- TOTAL, 357,081 MAX., 9,289 MIN., 22 MEAN, 976 TOTAL AC.FT., 708,261

ACCRETIONS TO KERN RIVER BELOW ISABELLA DAM

APRIL 1954 TO DATE

Quantities in acre-feet except where noted...

Year: 2005

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
1954				4,038	2,977	1,479	3,897	2,559	514	626	966	1,870	
1955	2,358	1,921	1,821	2,386	1,390	3,298	1,929	402	(314)	551	1,065	2,524	19,331
1956	5,828	1,732	2,448	2,860	2,366	1,406	2,347	3,061	1,119	5,799	1,356	1,452	31,774
1957	2,114	886	1,097	169	1,251	397	918	1,114	(369)	48	743	1,057	9,425
1958	1,494	2,918	6,644	14,550	4,681	(801)	(4,348)	5,125	1,735	222	1,168	1,289	34,677
1959	1,299	1,068	1,544	1,073	540	(936)	3,318	119	(383)	(880)	438	797	7,997
1960	1,071	2,739	1,633	1,581	92	1,601	1,311	1,559	149	502	1,060	1,099	14,397
1961	815	757	914	971	787	126	264	814	734	257	673	1,196	8,308
1962	1,085	6,284	5,125	7,050	4,778	2,709	2,271	1,753	633	1,041	835	816	34,380
1963	1,005	2,190	1,900	1,827	3,826	1,339	2,855	4,520	2,424	2,710	2,045	1,936	28,577
1964	1,692	472	2,378	3,237	1,275	2,408	1,793	577	346	432	926	2,729	18,265
1965	3,172	1,460	2,608	4,776	811	(367)	151	(2,100)	(46)	1,941	1,036	2,285	15,727
1966	2,286	997	1,303	2,095	803	(63)	1,229	1,932	(58)	1,214	1,740	**14,810**	28,288
1967	3,856	3,320	3,094	3,945	1,998	7,531	5,736	10,549	1,517	1,296	2,619	2,688	48,149
1968	1,870	1,300	1,400	1,224	1,383	1,757	2,220	1,993	418	936	1,687	2,428	18,616
1969	**19,079**	17,945	23,687	**40,391**	20,384	11,064	**18,659**	**17,163**	5,750	2,480	2,457	3,381	182,440
1970	4,742	2,450	3,028	1,168	186	2,916	869	1,434	739	655	2,794	1,814	22,795
1971	2,309	1,547	1,202	1,459	2,154	1,500	808	707	211	156	785	1,833	14,671
1972	1,634	1,204	975	1,003	501	844	180	42	16	777	222	1,075	8,473
1973	3,146	4,182	7,686	7,394	6,123	3,811	1,882	3,879	4,168	1,982	1,890	2,699	48,842
1974	4,393	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	2,641	4,023	2,265	1,565	55	699	497	189	746	17,608
1976	1,646	1,503	1,373	1,562	386	1,675	833	821	1,914	1,679	1,172	1,120	15,684
1977	1,174	1,652	1,844	954	1,124	1,087	622	1,001	683	184	260	2,130	12,715
1978	4,577	26,353	12,041	11,512	11,745	4,945	7,597	736	2,682	1,438	2,039	1,656	87,321
1979	1,724	3,158	5,330	2,675	1,718	494	(415)	234	516	1,428	476	1,544	18,882
1980	6,814	9,429	8,860	7,525	3,543	7,595	9,802	8,239	(86)	2	(58)	1,426	63,091
1981	2,861	1,313	2,041	1,858	1,129	140	148	1,786	958	764	459	1,798	15,255
1982	3,805	3,501	7,352	10,277	1,973	3,885	5,471	3,876	1,128	1,256	1,897	4,141	48,562
1983	6,887	17,322	**37,912**	24,107	12,710	4,711	3,097	2,414	**7,454**	**6,473**	**5,718**	9,390	138,195
1984	7,549	5,329	5,418	3,381	2,701	2,213	4,495	3,970	1,434	328	1,460	3,897	42,175
1985	3,759	3,640	3,865	2,714	(625)	(593)	2,697	517	279	1,497	2,264	3,501	23,515
1986	3,734	6,350	8,619	9,540	9,416	13,375	13,999	11,019	2,280	2,850	2,957	2,192	86,331
1987	3,123	2,239	3,822	738	2,535	1,611	1,486	1,149	696	901	418	669	19,387
1988	713	764	1,228	(51)	(15)	495	(485)	100	534	415	1,042	870	5,610
1989	551	962	3,415	1,188	2,049	1,464	(716)	671	(3)	376	150	973	11,080
1990	1,471	1,278	1,669	42	298	59	(1,580)	228	170	571	763	1,300	6,269
1991	1,351	683	3,099	2,983	849	(236)	376	662	(66)	(26)	1,205	1,429	12,309
1992	1,384	2,297	1,800	1,196	(294)	(288)	16	267	352	(222)	(433)	1,183	7,258
1993	3,131	3,757	4,177	2,110	(1,854)	(1,528)	(638)	(1,789)	366	903	308	1,019	9,962
1994	604	1,351	446	226	(1,152)	(367)	258	746	(89)	208	537	1,435	4,203
1995	4,978	2,805	10,025	5,664	10,025	11,210	10,055	11,347	1,380	2,463	1,784	3,132	74,868
1996	3,627	10,773	8,346	4,362	7,908	3,906	2,628	2,405	531	716	1,360	5,573	52,135
1997	14,168	9,981	7,447	911	2,616	4,619	809	(1,658)	2,448	(1,509)	(1,397)	4,441	42,876
1998	5,482	**34,907**	24,539	25,855	**30,900**	**25,533**	16,059	12,476	4,730	(121)	155	3,425	**183,940**
1999	3,772	4,820	3,236	3,148	1,092	1,033	1,516	2,094	624	1,088	122	690	23,235
2000	1,637	3,112	3,640	517	(688)	(562)	543	1,896	(3)	795	803	801	12,491
2001	1,144	1,377	1,200	1,240	(807)	1,613	821	250	(385)	(428)	437	1,202	7,664
2002	2,359	1,163	1,307	514	(1,096)	(111)	1,145	757	(251)	(17)	2,010	1,860	9,640
2003	2,517	1,847	1,571	1,679	210	229	990	932	(260)	514	579	991	11,799
2004	1,185	1,411	1,513	71	(1,520)	(263)	224	(506)	490	288	50	804	3,747
2005	2,716	1,382	3,309	2,452	5,484	7,107	5,693	3,282	(733)	1,177	2,242	2,461	36,572
Total	166,395	225,133	259,001	242,842	166,393	140,346	138,217	129,536	52,830	51,950	59,776	120,471	1,752,890
Maximum	19,079	34,907	37,912	40,391	30,900	25,533	18,659	17,163	7,454	6,473	5,718	14,810	183,940
Minimum	551	472	446	(51)	(1,854)	(1,528)	(4,348)	(2,100)	(733)	(1,509)	(1,397)	669	
Mean	3,263	4,414	5,078	4,670	3,200	2,699	2,658	2,491	1,016	999	1,150	2,317	33,955
Mean CFS	*53*	*79*	*83*	*78*	*52*	*45*	*43*	*41*	*17*	*16*	*19*	*38*	*47*

MIDNIGHT STORAGE IN ACRE-FEET

Isabella Reservoir Daily Mean Storage (1954-2005)

Year: 2005

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	151,235	163,208	173,729	188,187	217,560	286,906	303,327	258,619	203,501	176,944	157,410	149,440
2	151,470	163,592	174,126	189,002	219,175	289,108	302,704	256,869	202,342	176,124	156,990	149,369
3	152,124	163,711	174,459	189,732	220,807	291,177	302,023	255,016	201,200	175,150	156,575	149,434
4	152,426	163,793	174,907	190,422	222,543	293,027	301,327	253,127	200,092	174,560	156,150	149,400
5	152,667	163,894	175,472	191,067	224,271	294,790	300,461	251,176	199,120	173,781	155,703	149,847
6	152,809	164,027	175,827	191,733	226,092	296,430	299,506	249,165	198,204	172,974	155,282	152,641
7	152,941	164,203	176,102	192,370	227,878	298,023	298,457	247,182	197,251	172,219	154,853	153,208
8	153,078	164,497	176,438	192,957	229,660	299,429	297,272	245,268	196,294	171,453	154,762	153,360
9	153,263	164,952	176,742	193,603	231,557	300,666	296,025	243,243	195,337	170,696	154,729	153,436
10	153,534	165,387	177,140	194,250	233,594	301,815	294,739	241,218	194,374	169,947	154,441	153,545
11	153,867	165,619	177,636	195,209	235,592	302,806	293,377	239,229	193,438	169,236	154,122	153,744
12	154,373	165,822	178,029	196,203	237,552	303,706	291,943	237,258	192,559	168,601	153,752	153,827
13	154,972	166,312	178,355	197,151	239,582	304,412	290,504	235,271	191,651	167,939	153,398	153,861
14	155,559	166,788	178,731	198,063	241,617	305,095	289,041	233,313	190,723	167,283	153,059	153,860
15	155,897	167,237	179,034	198,986	243,752	305,643	287,483	231,383	189,798	166,650	152,734	153,843
16	156,375	167,659	179,368	199,885	245,983	306,095	285,939	229,482	188,864	166,055	152,381	153,828
17	156,773	168,066	179,755	200,841	248,261	306,378	284,378	227,577	187,955	165,507	152,080	153,794
18	156,988	168,920	180,106	201,805	250,627	306,504	282,849	225,661	187,078	164,939	151,847	153,744
19	157,319	169,663	180,483	202,783	253,160	306,642	281,274	223,829	186,214	164,361	151,573	153,604
20	157,615	170,439	180,841	203,828	255,717	306,785	279,644	222,037	185,361	163,798	151,281	153,596
21	157,933	170,949	181,287	204,924	258,260	306,819	277,929	220,240	184,540	163,180	151,035	153,529
22	158,226	171,400	181,798	206,063	260,876	306,780	276,252	218,526	183,697	162,591	150,877	153,592
23	158,496	171,847	182,357	207,165	263,505	306,686	274,546	216,815	182,847	162,009	150,683	154,186
24	158,918	172,182	182,917	208,232	266,123	306,436	272,854	215,150	182,018	161,438	150,542	154,522
25	160,152	172,568	183,470	209,324	268,668	306,128	271,118	213,505	181,258	160,842	150,454	154,829
26	160,957	173,052	184,024	210,434	271,300	305,798	269,335	211,917	180,667	160,288	150,259	155,084
27	161,452	173,154	184,649	211,654	273,958	305,495	267,572	210,365	179,977	159,785	150,007	155,434
28	161,766	173,388	185,345	213,001	276,634	305,106	265,781	208,878	179,215	159,279	149,787	155,651
29	161,972	-	185,980	214,430	279,343	304,573	263,963	207,437	178,459	158,972	149,603	155,788
30	162,126	-	186,620	215,963	281,909	303,976	262,157	206,061	177,710	158,323	149,555	155,889
31	162,544	-	187,388	-	284,458	-	260,349	204,736	-	157,901	-	155,957
MAXIMUM DAY	162,544	173,388	187,388	215,963	284,458	306,819	303,327	258,619	203,501	176,944	157,410	155,957
MINIMUM DAY	151,235	163,208	173,729	188,187	217,560	286,906	260,349	204,736	177,710	157,901	149,555	149,369

HISTORICAL INFLOWS TO ISABELLA LAKE

Runoff in 1,000 acre-feet

WATER YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	TOTAL
1955	11.8	14.4	16.0	18.1	22.7	28.1	35.1	67.9	83.4	29.1	18.9	10.3	355.8
1956	9.5	11.5	90.4	77.1	48.2	59.9	94.5	156.3	167.4	97.2	38.1	20.3	870.4
1957	17.6	15.7	15.1	16.4	25.3	30.3	38.5	78.1	131.8	41.0	16.4	12.5	438.7
1958	13.6	13.3	17.6	20.6	36.5	61.5	153.6	312.3	231.7	120.1	51.1	25.8	1057.7
1959	20.6	18.7	17.8	19.3	21.2	31.7	39.5	39.4	33.0	15.8	9.9	9.6	276.5
1960	9.6	9.7	10.3	12.2	27.9	30.2	44.5	58.0	45.5	15.1	7.9	8.4	279.3
1961	9.5	13.0	11.7	10.6	10.0	13.1	23.0	29.1	23.8	8.5	15.1	7.6	175.0
1962	7.1	8.8	11.0	12.4	47.1	32.4	140.5	130.8	154.7	72.1	23.7	13.1	653.7
1963	12.9	11.6	11.1	26.5	99.6	41.0	67.6	134.0	162.3	102.6	42.2	26.5	737.9
1964	24.5	23.8	21.5	18.2	16.6	22.7	39.6	60.0	52.3	22.0	13.3	8.6	323.1
1965	8.7	13.9	44.2	43.5	30.2	33.2	74.5	131.0	149.9	94.9	50.7	22.0	696.7
1966	15.6	28.4	28.3	27.0	21.4	37.8	66.7	81.5	45.4	21.9	16.1	9.6	399.7
1967	9.5	13.7	299.0	59.6	62.5	83.2	95.5	268.1	302.9	238.1	90.5	53.5	1576.1
1968	34.9	31.9	33.0	32.2	38.9	47.1	64.4	86.7	62.1	28.4	18.4	11.3	489.3
1969	12.6	15.3	17.1	159.4	93.4	133.9	337.4	597.5	485.6	236.0	93.8	44.3	2226.3
1970	33.3	32.4	30.9	61.8	39.0	56.9	62.1	109.8	92.7	49.2	22.7	13.4	604.2
1971	12.7	18.8	26.8	31.5	29.4	40.6	51.1	64.4	81.1	41.6	18.9	11.1	428.0
1972	11.4	13.4	17.2	18.2	17.6	32.3	27.3	45.4	37.7	14.6	10.7	11.2	257.0
1973	10.6	14.5	19.3	30.5	32.2	45.0	103.9	282.5	226.5	91.8	36.9	18.8	912.5
1974	16.8	20.4	25.1	45.6	28.1	68.8	108.1	182.2	166.7	68.6	37.6	20.4	788.4
1975	19.1	17.6	20.6	21.1	25.3	39.9	43.9	142.8	138.8	50.3	22.4	16.2	558.0
1976	15.1	14.7	15.6	14.6	15.3	21.8	24.2	47.0	18.9	13.9	13.7	23.1	237.9
1977	18.7	11.7	10.0	12.2	12.0	12.6	22.4	24.3	34.5	10.3	9.8	7.0	185.5
1978	7.9	8.1	21.8	42.0	90.0	163.4	170.2	352.2	351.9	188.1	73.1	58.9	1527.6
1979	28.1	24.3	27.2	32.2	38.7	66.9	99.4	164.0	105.5	47.0	26.9	19.1	679.3
1980	18.2	18.2	17.7	138.7	159.4	130.7	204.1	284.4	274.9	198.9	69.9	35.1	1550.2
1981	27.1	24.9	28.0	25.9	33.4	43.6	67.5	90.8	65.7	25.5	15.6	12.2	460.2
1982	14.0	18.5	21.4	33.9	49.5	71.4	202.9	253.0	194.9	124.6	58.1	60.6	1102.8
1983	45.1	55.2	73.7	81.0	121.2	227.6	182.2	465.9	567.1	285.8	152.5	61.0	2318.3
1984	46.9	65.9	93.6	69.1	55.0	77.3	88.0	159.4	90.7	72.4	45.6	26.9	890.8
1985	26.2	33.6	35.6	36.7	37.0	49.5	133.6	147.4	100.4	38.7	23.4	16.7	678.8
1986	15.1	20.0	30.4	38.9	143.6	196.2	198.6	283.9	250.4	107.4	46.1	24.3	1354.9
1987	25.5	22.4	21.3	22.5	27.3	37.7	54.5	72.6	54.5	23.4	13.6	10.0	385.3
1988	10.6	14.3	15.5	22.0	19.1	29.0	39.6	58.4	42.6	21.5	13.4	10.2	296.2
1989	8.9	9.9	14.6	15.4	22.6	64.0	90.2	69.8	48.4	22.1	12.3	10.2	388.4
1990	10.4	10.5	10.0	11.4	11.8	21.4	32.0	38.5	29.1	14.9	8.2	6.3	204.5
1991	8.3	7.6	7.8	9.6	8.5	44.2	55.2	78.9	100.7	37.9	14.1	11.1	383.9
1992	9.4	12.7	11.6	12.7	20.0	24.6	54.2	74.7	33.3	16.3	11.7	7.5	288.7
1993	9.6	11.5	13.4	36.1	35.8	90.1	131.9	202.9	163.9	88.0	34.6	16.1	833.9
1994	13.4	14.1	17.1	18.3	22.6	38.1	46.3	68.4	56.6	20.8	11.2	9.1	336.0
1995	14.6	12.2	14.1	41.9	45.9	146.4	137.6	245.0	281.9	227.7	78.3	37.7	1283.3
1996	21.7	20.4	25.7	36.7	87.8	99.7	143.7	218.1	150.6	67.9	29.9	16.0	918.2
1997	15.1	39.5	80.9	231.9	94.8	113.0	142.0	211.7	137.7	71.1	39.7	23.6	1201.0
1998	22.5	25.1	26.1	40.4	101.4	126.8	163.9	277.5	346.3	251.4	82.0	46.2	1509.6
1999	35.2	33.1	29.8	33.9	33.6	35.3	52.7	94.1	67.7	31.3	15.0	12.0	473.7
2000	10.6	12.2	12.4	17.5	32.0	46.5	66.9	130.1	81.9	27.8	14.7	10.9	463.5
2001	12.1	12.0	11.9	14.3	17.6	35.7	57.1	125.2	41.4	23.8	11.3	9.3	371.7
2002	9.6	14.8	23.6	25.2	19.9	30.3	58.3	71.1	63.9	21.6	9.7	8.0	356.0
2003	9.0	71.8	26.3	30.9	29.6	47.3	54.5	113.2	118.1	36.1	23.4	14.8	575.0
2004	10.3	12.4	17.3	22.2	23.7	68.9	64.1	79.9	56.6	22.9	12.9	8.8	400.0
2005	12.7	14.5	16.3	68.9	47.2	91.0	129.8	283.4	231.2	123.5	45.0	26.4	1089.9
MEAN	16.7	20.1	30.5	39.2	43.7	63.1	91.7	153.8	138.0	73.0	32.8	19.9	722.5

PRECIPITATION DATA -- ISABELLA DAM & RESERVOIR

OCTOBER 1949 TO DATE

(In Inches)

WATER YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	TOTAL
1949-50	0.05	0.65	1.32	1.37	2.60	1.02	0.44	0.00	0.00	0.23	0.11	0.21	8.00
1950-51	0.08	3.16	0.98	1.12	0.18	0.11	0.93	0.03	0.00	0.00	0.00	0.00	6.59
1951-52	0.35	0.47	4.77	5.52	0.37	3.26	0.12	0.00	0.00	0.00	0.00	0.11	14.97
1952-53	0.00	1.98	3.09	2.39	0.04	0.67	1.20	0.20	0.00	0.00	0.09	0.00	9.66
1953-54	0.13	0.90	0.78	1.88	2.26	2.13	0.16	0.07	0.00	0.00	0.00	0.02	8.33
1954-55	0.00	0.80	1.30	2.47	1.05	0.00	0.67	0.78	0.00	0.00	0.00	0.00	7.07
1955-56	0.00	1.34	4.01	4.25	0.26	0.03	1.51	0.43	0.00	0.20	0.00	0.00	12.03
1956-57	0.42	0.00	0.17	1.88	0.96	0.84	0.72	1.03	0.01	0.02	0.00	0.00	6.05
1957-58	0.19	0.33	1.63	3.09	4.45	3.63	**2.77**	0.24	0.00	0.00	0.05	0.20	16.58
1958-59	0.17	0.49	0.02	0.64	1.54	0.08	0.45	0.07	0.00	0.00	0.00	0.34	3.80
1959-60	0.00	0.00	0.97	1.77	6.48	0.43	1.28	0.34	0.00	0.00	0.00	0.07	11.34
1960-61	0.12	1.26	0.12	0.50	0.01	1.59	0.51	0.16	0.11	0.02	**1.20**	0.00	5.60
1961-62	0.00	2.15	0.79	2.55	5.35	1.26	0.00	0.08	0.00	0.00	0.00	0.00	12.18
1962-63	0.03	0.00	0.00	1.52	3.06	2.06	1.07	0.13	0.72	0.00	1.16	1.16	10.91
1963-64	2.02	1.20	0.46	0.97	0.07	1.93	0.84	0.10	0.03	0.00	0.01	0.00	7.63
1964-65	0.47	1.82	3.99	1.75	0.27	1.21	2.58	0.18	0.13	0.39	0.50	0.20	13.49
1965-66	0.00	2.76	2.37	0.66	0.75	0.22	0.00	0.00	0.00	0.00	0.80	0.00	7.56
1966-67	0.00	1.09	**11.53**	2.49	0.02	0.63	2.75	0.18	0.24	0.30	0.23	1.63	21.09
1967-68	0.00	1.41	1.85	0.82	0.85	1.55	0.77	0.01	0.00	0.01	0.11	0.00	7.38
1968-69	0.35	1.28	1.65	**9.56**	6.12	1.14	0.95	0.35	0.34	0.27	0.00	0.10	22.11
1969-70	0.07	0.56	0.24	3.91	0.54	1.89	0.43	0.00	0.00	0.02	0.01	0.00	7.67
1970-71	0.04	3.47	2.20	0.54	0.37	0.45	0.66	0.89	0.00	0.06	0.54	0.00	9.22
1971-72	0.05	0.47	3.04	0.00	0.39	0.00	0.37	0.05	**0.80**	0.00	0.34	0.03	5.54
1972-73	0.66	3.13	2.48	3.96	2.57	2.65	0.25	0.25	0.00	0.00	0.00	0.00	15.95
1973-74	0.11	1.26	1.25	2.75	0.09	2.00	1.95	0.39	0.00	0.78	0.00	0.00	10.58
1974-75	**2.30**	0.10	1.96	0.65	1.82	2.77	0.49	0.04	0.00	0.00	0.03	1.85	12.01
1975-76	0.41	0.22	0.07	0.02	1.25	1.61	0.89	0.05	0.00	0.41	0.00	**5.20**	10.13
1976-77	0.23	0.07	0.32	1.50	1.04	0.75	0.00	0.91	0.39	0.00	0.87	0.00	6.08
1977-78	0.02	0.17	5.02	4.51	7.44	3.46	0.87	0.00	0.00	0.03	0.00	1.33	22.85
1978-79	0.02	0.39	1.11	3.24	3.22	2.54	0.00	0.19	0.00	0.03	0.14	0.93	11.81
1979-80	0.95	0.33	0.34	7.71	4.32	1.85	0.51	0.55	0.00	0.00	0.00	0.00	16.56
1980-81	0.09	0.01	0.63	2.65	1.49	3.05	0.23	0.34	0.00	0.00	0.00	0.04	8.53
1981-82	1.05	1.17	1.16	4.04	1.15	4.27	1.59	0.01	0.04	0.00	0.13	0.71	15.32
1982-83	0.78	3.14	3.78	4.31	4.36	5.96	0.58	0.09	0.00	0.00	1.14	0.20	**24.34**
1983-84	0.63	3.49	3.56	0.00	1.13	0.31	0.51	0.00	0.02	**2.01**	0.63	0.00	12.29
1984-85	0.62	2.90	1.93	0.68	1.16	1.71	0.03	0.00	0.00	0.00	0.00	0.15	9.18
1985-86	0.10	2.27	1.43	2.94	3.58	3.58	0.10	0.00	0.00	0.38	0.00	0.27	14.65
1986-87	0.24	0.54	0.27	2.65	2.03	1.88	0.10	0.42	0.48	0.00	0.00	0.04	8.65
1987-88	0.62	0.87	1.36	1.80	0.40	0.24	1.41	0.50	0.05	0.51	0.00	0.00	7.76
1988-89	0.00	1.75	3.15	0.29	2.24	2.28	0.09	0.04	0.00	0.00	0.00	0.62	10.46
1989-90	0.11	0.30	0.00	1.33	1.00	0.67	0.44	0.26	0.02	0.00	0.00	0.35	4.48
1990-91	0.01	0.61	0.74	0.99	1.17	**6.43**	0.03	0.09	0.00	0.00	0.01	0.19	10.27
1991-92	0.53	1.30	1.45	1.02	3.10	1.82	0.00	0.12	0.00	0.00	0.00	0.00	9.34
1992-93	0.94	0.00	2.80	4.09	4.15	0.79	0.00	0.00	0.64	0.00	0.00	0.00	13.41
1993-94	0.12	1.52	1.60	0.66	3.10	0.76	0.87	0.19	0.00	0.00	0.00	0.25	9.07
1994-95	0.31	1.45	0.71	7.26	1.35	3.83	0.38	0.55	0.40	0.00	0.51	0.00	16.75
1995-96	0.00	0.00	1.79	4.36	5.03	1.47	0.53	0.00	0.00	0.00	0.00	0.00	13.18
1996-97	0.66	2.38	4.29	3.90	0.13	0.00	0.00	0.00	0.00	0.08	0.00	1.02	12.46
1997-98	0.40	1.76	1.74	2.72	**10.60**	2.87	0.52	**1.74**	0.09	0.00	0.00	0.09	22.53
1998-99	0.12	1.03	0.60	3.82	0.51	0.57	1.65	0.98	0.00	0.04	0.00	0.39	9.71
1999-00	0.00	0.18	0.00	1.55	3.98	0.79	0.56	0.10	0.00	0.00	0.07	0.00	7.23
2000-01	0.51	0.14	0.23	2.28	3.16	0.15	1.86	0.00	0.00	0.42	0.00	0.00	8.75
2001-02	0.57	3.11	2.37	0.39	0.32	1.09	0.03	0.28	0.00	0.11	0.00	0.00	8.27
2002-03	0.00	**5.76**	2.65	0.01	1.70	1.24	0.73	0.56	0.00	0.29	0.78	0.56	14.28
2003-04	0.18	0.71	2.04	1.09	3.04	0.46	0.05	0.00	0.00	0.00	0.00	0.00	7.57
2004-05	1.98	0.39	2.76	6.03	0.99	2.01	0.72	0.68	0.00	0.00	0.85	0.51	16.92
AVERAGE	0.35	1.25	1.84	2.44	2.15	1.64	0.70	0.26	0.08	0.12	0.18	0.34	11.36
MAXIMUM DAILY MAXIMUM	2.30	5.76	11.53	9.56	10.60	6.43	2.77	1.74	0.80	2.01	1.20	5.20	24.34
DATE OF OCCURRENCE	0.96	2.85	5.20	2.58	3.40	1.72	1.45	0.75	0.50	0.88	1.01	3.09	
	10/17/63	11/20/50	12/05/66	01/09/05	02/01/60	03/04/91	04/02/74	05/26/99	06/08/72	07/16/84	08/08/63	09/30/76	

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

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

PAN EVAPORATION AT ISABELLA DAM & RESERVOIR

OCTOBER 1953 TO DATE

(In Inches)

WATER YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	TOTAL
1953-54	5.98	3.42	1.92	1.77	1.93	3.19	6.93	10.60	11.82	14.48	11.94	9.21	83.19
1954-55	6.57	3.03	2.02	1.24	2.52	5.05	5.94	8.93	11.76	13.92	13.67	9.66	84.31
1955-56	6.67	3.24	1.58	1.52	2.60	5.30	5.70	8.87	11.91	12.37	11.84	9.57	81.17
1956-57	4.93	3.99	2.29	1.83	2.46	4.40	6.60	7.53	12.51	13.76	12.90	9.18	82.38
1957-58	4.74	3.27	2.14	2.08	1.93	2.73	5.97	9.46	10.68	12.56	11.87	8.64	76.07
1958-59	6.54	3.03	2.60	2.36	2.13	5.95	7.98	9.73	13.56	15.53	13.76	9.03	92.20
1959-60	6.57	4.05	2.67	1.49	2.10	5.08	6.39	8.46	13.11	13.14	12.99	9.54	85.59
1960-61	5.43	2.34	2.02	2.60	3.05	4.28	7.20	8.99	13.65	15.41	10.39	9.06	84.42
1961-62	6.42	3.18	1.80	2.28	1.65	3.47	7.29	8.49	12.03	13.33	12.56	9.30	81.80
1962-63	5.55	3.00	2.70	2.82	2.74	4.46	4.38	8.31	10.74	14.32	12.03	7.89	78.94
1963-64	4.59	2.40	2.08	2.26	3.11	4.37	6.51	8.93	11.88	13.95	12.68	9.30	82.06
1964-65	6.54	2.58	2.02	1.83	2.97	3.94	4.74	8.90	10.32	11.87	10.48	8.19	74.38
1965-66	6.26	2.25	1.40	2.11	2.41	4.84	7.86	11.10	12.75	14.07	14.04	9.51	88.60
1966-67	6.20	2.55	1.58	1.89	2.52	4.43	3.72	8.22	10.20	12.71	11.63	7.41	73.06
1967-68	6.32	2.94	1.49	1.83	2.35	3.72	6.54	10.23	12.60	12.77	11.04	9.09	80.92
1968-69	5.24	2.58	1.24	1.40	1.57	4.03	5.76	9.30	9.78	12.28	12.56	8.70	74.44
1969-70	5.43	3.27	1.83	1.95	2.97	4.56	6.09	10.85	11.85	13.49	13.36	10.23	85.88
1970-71	6.63	3.51	1.36	1.74	2.77	5.61	6.63	8.49	12.51	14.38	13.30	9.93	86.86
1971-72	6.32	3.39	1.46	2.33	3.47	6.94	7.89	11.28	12.03	16.09	12.93	9.33	93.46
1972-73	5.24	2.43	1.71	2.20	2.55	3.69	7.17	10.20	13.83	15.78	13.14	10.56	88.50
1973-74	6.79	3.69	1.89	1.83	3.42	4.28	7.02	12.06	14.82	15.13	14.32	11.82	97.07
1974-75	5.64	3.24	2.20	2.51	2.52	3.97	5.70	11.53	15.72	16.93	15.53	10.68	96.17
1975-76	6.39	3.87	2.45	3.69	3.61	6.11	8.04	13.86	15.68	15.93	13.27	8.88	101.78
1976-77	6.17	3.72	2.76	2.14	3.75	5.49	10.05	9.36	15.03	18.45	15.41	11.52	103.85
1977-78	7.56	4.47	2.70	1.77	2.55	4.34	6.15	12.21	15.36	16.34	14.82	8.76	97.03
1978-79	7.56	3.24	1.67	2.14	2.18	4.37	7.83	11.87	15.08	15.97	13.36	10.98	96.25
1979-80	6.14	3.42	2.39	2.05	2.63	4.22	7.23	8.46	12.39	14.23	14.14	9.78	87.08
1980-81	6.96	4.05	2.82	2.39	3.11	3.94	7.98	11.56	17.16	17.92	15.69	11.34	104.92
1981-82	5.55	3.66	2.36	2.08	3.06	3.66	6.84	11.19	12.15	15.28	13.36	8.28	87.47
1982-83	5.77	2.70	1.80	2.11	2.10	3.78	5.67	10.91	13.32	14.32	10.11	9.81	82.40
1983-84	5.30	2.43	1.86	2.82	3.22	5.83	7.71	13.61	14.22	13.14	12.06	10.20	92.40
1984-85	5.95	2.73	1.92	2.26	3.00	4.56	8.76	12.43	15.18	16.03	14.76	8.79	96.37
1985-86	6.42	3.09	1.74	2.51	2.60	4.56	8.31	12.28	14.82	15.56	15.25	9.60	96.74
1986-87	5.98	3.81	2.11	1.83	3.30	4.46	8.52	10.45	14.19	15.59	15.31	10.74	96.29
1987-88	6.85	3.18	1.77	2.29	3.67	6.94	7.56	10.45	12.38	15.25	12.74	9.84	92.92
1988-89	6.73	3.24	1.95	2.23	2.74	6.01	9.90	12.43	14.94	18.07	14.88	9.93	103.05
1989-90	6.54	4.38	2.98	2.60	2.97	5.80	8.73	12.25	15.36	17.48	14.85	10.95	104.89
1990-91	8.40	4.02	2.54	2.48	3.84	3.75	7.98	10.35	12.96	14.07	12.65	9.60	92.64
1991-92	7.44	5.61	4.71	4.25	4.37	5.86	9.45	11.56	12.36	14.14	14.20	10.53	104.48
1992-93	6.48	4.32	4.37	3.64	4.34	4.99	7.92	10.79	12.15	14.57	13.18	9.66	96.41
1993-94	6.12	3.83	1.98	2.33	2.51	5.44	7.35	9.99	14.93	15.80	14.96	9.75	94.99
1994-95	6.06	2.95	1.94	1.34	3.09	3.59	5.83	6.64	11.12	14.96	14.20	11.02	82.74
1995-96	7.75	4.31	2.43	2.65	1.96	5.20	9.14	12.78	14.88	15.78	14.03	10.50	101.41
1996-97	6.51	3.36	1.94	1.45	3.23	6.22	8.33	12.51	12.59	13.66	13.33	9.30	92.43
1997-98	6.64	2.61	2.07	1.51	0.91	3.91	5.44	6.21	10.42	13.95	13.83	8.59	76.09
1998-99	6.18	3.09	2.55	2.75	2.88	4.71	5.58	10.74	13.18	14.56	12.93	10.54	89.69
1999-00	7.87	4.21	3.37	2.14	1.83	4.71	8.03	11.79	14.13	15.27	14.59	10.46	98.40
2000-01	6.08	3.27	3.19	2.28	1.85	5.67	6.57	13.31	15.73	14.94	15.09	11.28	99.26
2001-02	7.59	3.34	1.58	1.78	3.62	5.06	7.81	11.42	14.99	15.65	14.73	11.28	98.85
2002-03	7.10	3.95	2.05	2.85	2.64	5.32	5.40	9.38	13.36	15.39	12.48	10.65	90.57
2003-04	7.36	3.02	2.53	2.20	1.74	5.96	8.86	12.15	14.44	16.22	14.21	11.30	99.99
2004-05	5.62	3.16	2.00	1.50	2.38	4.03	6.13	9.30	12.37	15.23	13.53	9.33	84.58
MEAN	6.34	3.35	2.20	2.19	2.72	4.75	7.10	10.44	13.21	14.85	13.40	9.79	90.34

ISABELLA RESERVOIR EVAPORATION

April 1954 to Date

Quantities in acre-feet

Year: 2005

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
1954				181	1,662	2,554	2,599	1,563	833	436	192	109	10,129
1955	72	117	236	141	526	1,547	1,705	1,375	847	542	258	190	7,556
1956	407	788	1,444	1,797	3,330	5,496	6,084	5,484	4,183	2,056	1,650	897	33,616
1957	628	724	1,258	1,823	2,210	4,588	5,173	4,512	3,068	1,588	1,107	700	27,379
1958	593	494	734	2,043	4,470	6,462	7,720	6,843	4,729	3,521	1,603	1,307	40,519
1959	1,021	811	2,148	2,880	3,711	4,983	4,439	3,503	2,263	1,728	1,087	684	29,258
1960	323	466	1,099	1,505	2,287	3,372	2,720	2,128	1,379	783	341	280	16,683
1961	315	319	419	780	1,158	2,178	2,204	1,200	930	647	329	168	10,647
1962	188	182	446	1,105	2,307	4,128	4,840	4,084	2,880	1,684	916	770	23,530
1963	694	930	1,523	1,577	3,503	5,534	8,202	6,696	4,136	2,289	1,172	962	37,218
1964	916	1,105	1,418	2,162	3,221	4,584	4,842	3,915	2,836	2,057	849	635	28,540
1965	595	857	1,053	1,368	3,251	4,757	5,986	5,397	4,169	3,098	1,103	656	32,290
1966	843	833	1,555	2,624	4,159	5,117	5,246	4,576	2,821	1,819	767	928	31,288
1967	970	1,071	1,874	1,700	3,931	5,960	8,805	8,051	4,574	3,578	1,597	744	42,855
1968	801	930	1,380	2,511	4,243	5,574	5,258	4,048	3,239	1,954	991	476	31,405
1969	494	668	1,511	1,886	4,334	6,486	8,916	9,046	5,911	3,560	1,968	980	45,760
1970	885	1,289	1,935	2,593	4,954	6,051	6,959	6,376	4,597	3,010	1,623	619	40,891
1971	700	990	1,836	2,277	3,181	5,337	6,227	5,233	3,678	2,370	1,304	545	33,678
1972	729	1,000	1,807	2,045	3,096	3,512	4,154	2,703	1,816	1,059	524	355	22,800
1973	434	496	760	1,738	4,009	7,698	9,126	7,109	5,530	3,564	1,981	966	43,411
1974	825	1,347	1,622	3,023	6,119	9,055	9,630	8,904	7,073	3,308	1,864	1,166	53,936
1975	1,174	1,002	1,476	2,162	4,911	8,206	8,936	7,488	4,887	2,957	1,845	1,125	46,169
1976	1,468	1,291	1,952	2,537	4,552	5,226	4,560	3,261	2,108	1,609	984	702	30,250
1977	466	700	968	1,761	1,765	3,289	3,757	2,495	1,795	1,216	726	428	19,366
1978	343	621	1,597	2,698	5,891	9,253	10,969	9,945	6,020	5,115	2,049	996	55,497
1979	1,069	954	1,896	3,701	6,337	9,080	9,535	7,242	5,710	3,306	1,866	1,246	51,942
1980	1,047	1,375	2,229	3,715	4,943	8,289	10,374	10,171	6,637	4,544	2,446	1,565	57,335
1981	1,154	1,317	1,619	3,386	5,371	8,644	8,660	6,966	5,028	2,582	1,747	1,067	47,541
1982	827	1,093	1,333	3,172	6,563	8,180	10,967	9,418	5,732	4,086	1,769	1,053	54,193
1983	1,097	1,057	2,182	3,235	5,905	9,255	10,645	7,630	7,337	3,814	1,656	1,188	55,001
1984	1,624	1,547	2,545	3,594	7,055	8,327	7,914	7,142	6,085	3,642	1,642	1,103	52,220
1985	1,139	1,287	1,749	3,894	6,375	8,622	9,025	7,650	4,441	3,287	1,577	885	49,931
1986	1,119	1,150	2,323	4,740	7,436	10,088	10,933	10,276	6,361	3,866	2,329	1,206	61,827
1987	916	1,428	1,833	3,537	4,596	6,682	7,115	6,454	4,469	2,906	1,361	732	42,029
1988	823	1,178	1,962	2,132	3,148	4,141	4,667	3,318	2,493	1,777	865	500	27,004
1989	502	540	1,339	2,828	4,292	5,572	6,458	4,653	3,027	2,029	1,380	877	33,497
1990	667	649	1,148	1,755	2,705	3,713	3,993	2,872	2,035	1,609	797	480	22,423
1991	409	547	635	1,587	2,674	4,568	5,171	4,026	2,951	2,315	1,789	1,434	28,106
1992	1,137	1,016	1,295	2,218	3,459	4,132	4,542	4,024	2,910	1,862	1,285	1,238	29,118
1993	970	1,081	1,365	2,888	5,185	7,057	9,080	8,063	5,808	3,652	2,291	1,139	48,579
1994	1,170	1,063	2,212	2,945	4,253	6,827	6,833	5,585	3,431	2,221	1,099	704	38,343
1995	462	1,016	1,444	2,614	3,447	6,952	10,701	10,151	7,525	5,177	2,698	1,402	53,589
1996	1,341	914	2,646	5,072	7,928	9,967	10,681	9,076	6,587	4,019	2,053	1,139	61,423
1997	918	1,862	3,183	4,350	7,260	8,057	8,941	8,428	5,790	4,219	1,611	1,196	55,815
1998	768	415	1,817	2,807	3,586	6,714	10,102	10,163	6,050	4,296	1,981	1,472	50,171
1999	1,384	1,252	1,983	2,430	5,092	6,956	7,761	6,480	5,113	3,802	2,045	1,569	45,867
2000	849	649	1,686	2,971	5,060	6,944	7,315	6,327	4,320	2,499	1,363	1,252	41,235
2001	780	551	1,620	2,053	5,165	6,791	5,978	5,476	3,858	2,539	1,115	524	36,450
2002	541	928	1,261	2,146	3,634	5,581	5,597	4,647	3,338	2,081	1,488	813	32,055
2003	1,018	833	1,714	1,932	3,848	6,732	7,922	6,026	4,911	3,316	1,335	1,071	40,658
2004	827	575	2,027	3,283	4,852	6,083	6,526	5,062	3,658	1,791	1,029	633	36,346
2005	486	718	1,341	2,541	5,040	8,194	10,526	8,963	6,010	3,866	2,604	1,016	51,305
Average	803	902	1,577	2,470	4,269	6,213	7,058	6,004	4,191	2,705	1,424	883	38,499

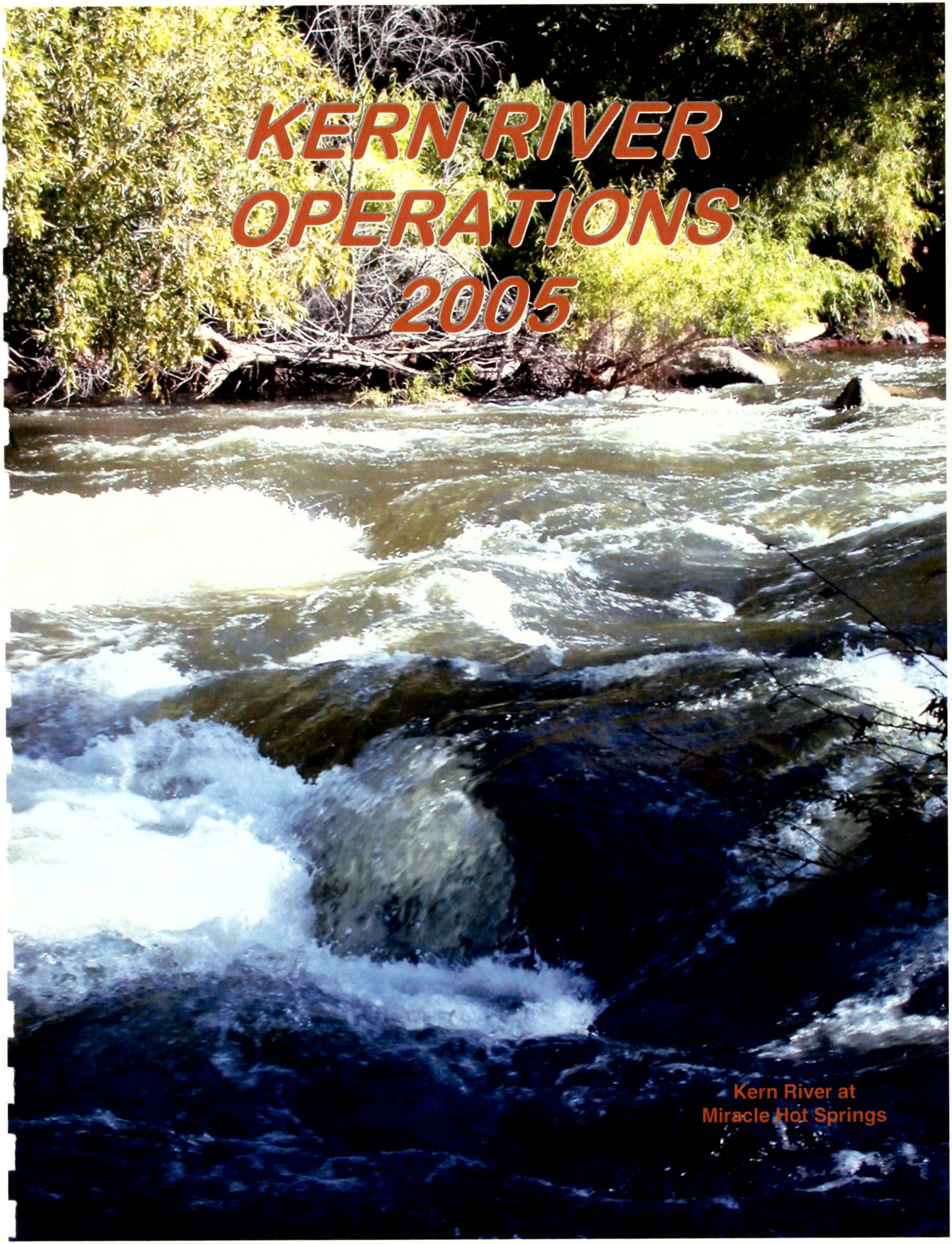
ISABELLA RESERVOIR

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

Units in Acre-Feet

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

KERN RIVER OPERATIONS 2005

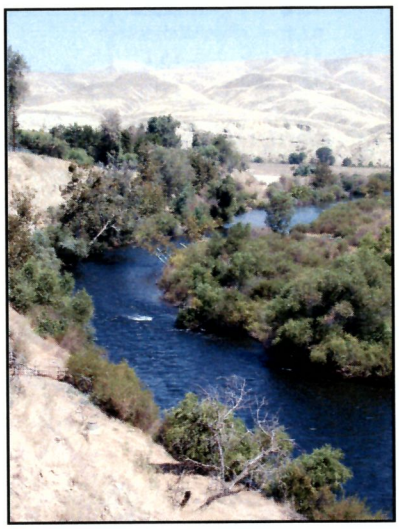


Kern River at
Miracle Hot Springs

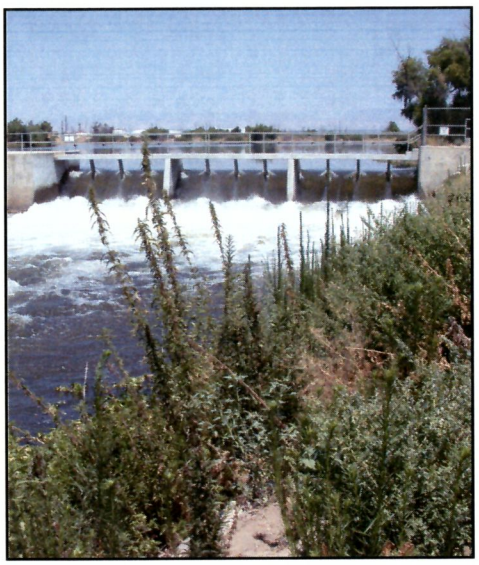
KERN RIVER IN REVIEW
2005

Introduction

Six long years (1999-2004) of below normal water supply conditions on Kern River came to an abrupt end when a series of powerful Pacific storms swept through the Kern River watershed in late December 2004 and early January of 2005. By mid-January of 2005, water content levels in the Kern drainage area hovered at 100% of the April 1st average snowpack conditions. A week-long period of rain in late February 2005 helped to secure an above average March 1st forecast of Kern River April-July snow melt runoff into Lake Isabella. The strong storm system of March 22, 2005 caused temperatures in the southern Sierra Nevada mountains to plummet, producing precipitation amounts for the Kern River Basin not witnessed since the epic storm period of March 9-10, 1995. The last hurrah for the 2005 rainy season came with the unusually powerful and wet late-spring storm of May 5, 2005. This single storm event increased the final snow melt yield of most of California's Central Valley streams, including the Kern River, to as much as 25% or more of that forecasted by the State of California Cooperative Snow Survey branch in the May 1, 2005 Water Conditions Bulletin 120. Kern River 2005 April-July runoff as measured at First Point of Measurement ended with **788,500** acre-feet, **169%** of the long-term (1894-2005) average.



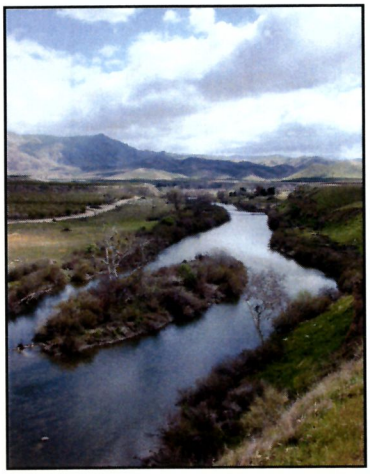
Kern River near Lake Ming



River Canal Weir

Precipitation

Monthly precipitation amounts in inches as recorded at selected Kern County stations during the 2004-2005 Water Year were as follows:



Kern River below Rancheria Road

	Bakersfield Meadows Field (Elev. 494 ft.)			Isabella Dam (Elev. 2660 ft.)			Glennville (Elev. 3140 ft.)		
	04-05	Ave.	% of Ave.	04-05	Ave.	% of Ave.	04-05	Ave.	% of Ave.
Oct	1.54	0.30	513%	1.98	0.35	566%	3.23	0.75	430%
Nov	0.18	0.59	31%	0.39	1.25	31%	0.95	1.85	51%
Dec	1.09	0.76	143%	2.76	1.84	150%	3.25	2.96	110%
Jan	2.51	1.18	213%	6.03	2.44	247%	5.95	3.32	179%
Feb	1.52	1.21	126%	0.99	2.15	46%	1.41	2.99	47%
Mar	1.11	1.41	79%	2.01	1.64	123%	4.38	3.05	144%
Apr	0.51	0.45	113%	0.72	0.70	103%	3.15	2.06	153%
May	0.74	0.24	308%	0.68	0.26	262%	3.10	0.75	413%
Jun	0.00	0.12	0%	0.00	0.08	0%	0.00	0.18	0%
Jul	0.00	0.00	0%	0.00	0.12	0%	0.00	0.04	0%
Aug	0.01	0.08	13%	0.85	0.18	470%	0.23	0.10	230%
Sep	0.08	0.15	53%	0.51	0.34	150%	0.36	0.37	97%
TOTAL	**9.29**	**6.49**	**143%**	**16.92**	**11.36**	**149%**	**26.01**	**18.42**	**141%**

The 2004-05 Water Year received a robust start with the first major storm event that occurred on October 19, 2004, during which a record daily precipitation amount of 1.13" was measured at Isabella Dam headquarters. Several more daily rainfall records were established for Isabella, California during the water year as follows: October 26, 2004 (.72"), January 9, 2005 (2.58"), March 22, 2005 (1.10"), May 5, 2005 (.49"), August 15, 2005 (.83") and September 20, 2005 (.33").

Temperature

Isabella, California, 2005 mean air temperatures (°F) with comparative averages were as follows:

	2005 Actual	Normal	Variance from Norm		2005 Actual	Normal	Variance from Norm
Jan	46.4	44.5	+1.9	Jul	84.8	79.6	+5.2
Feb	48.8	47.3	+1.5	Aug	81.4	78.3	+3.1
Mar	53.5	50.8	+2.7	Sep	70.4	72.1	-1.7
Apr	54.9	55.5	-0.6	Oct	62.7	62.1	+0.6
May	64.5	63.6	+0.9	Nov	56.4	51.3	+5.1
Jun	70.6	72.8	-2.2	Dec	49.1	44.7	+4.4

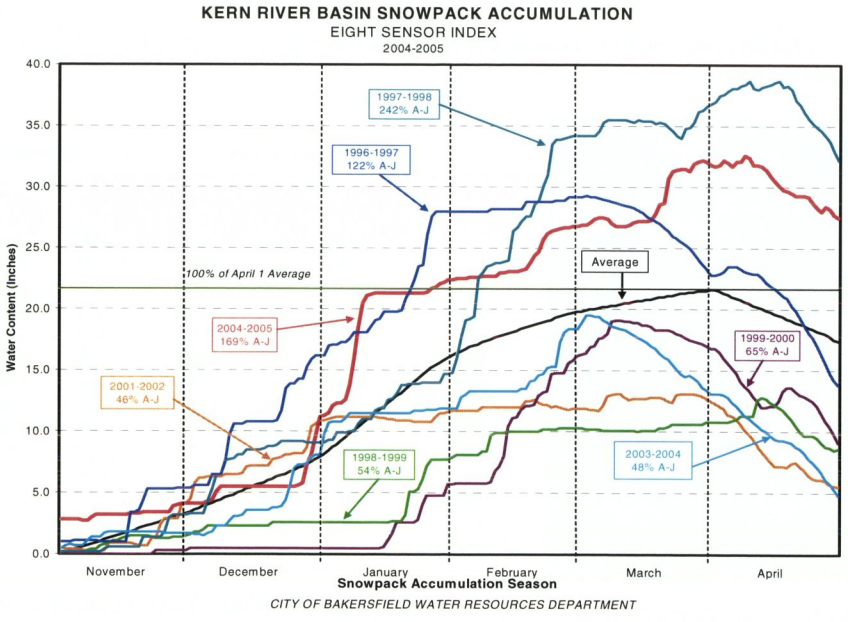
The mean annual temperature as recorded at Isabella Dam for 2005 was 62.0° Fahrenheit, 1.8° above the long-term (1956 to 2005) normal. Temperature extremes reached 107° on July 15, 2005, with the low of 28° occurring on December 16, 2005. The above normal temperatures for 2005 mark the seventh consecutive year the mean air temperature at Isabella Dam has exceeded the average of 60.2°. Other than the El Niño year of 1998 which was cooler than normal (59.1°), eleven of the past twelve years have been warmer than average, dating back to 1994.

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, 2005, 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, 2005	36.4	30.2	23.5	52.9	49.6	24.4	25.9	14.3
April 1, Average	27.7	19.8	21.8	24.9	30.3	15.6	20.7	11.0

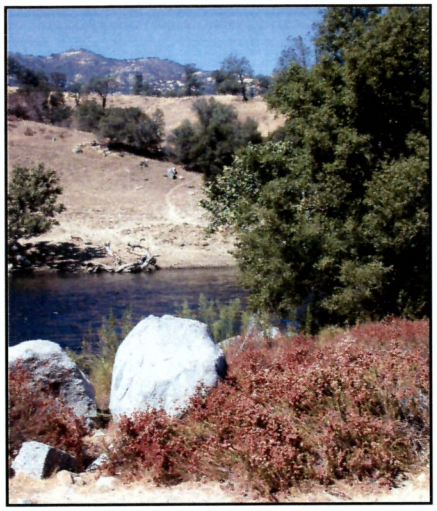
The Kern River Basin 2004-05 winter snowpack accumulation, as pictured below, began on a typically meager note. Not until the skies darkened during the last week of December 2004 did signs of improved snowpack conditions materialize. The highlight of the late December 2004 storm came on the 28th, when 1.09" of precipitation fell at Lake Isabella, the greatest rainfall total for this date since December 28, 1977 when 1.72" of precipitation was recorded. January 2005 began with a series of cold storms that produced measureable precipitation at Isabella Dam ten out of the first twelve days of the month, totalling 5.69" for the period and increasing the water content of the Kern snowshed to nearly 100% of the April 1st average. February 2005 featured warm, dry conditions throughout the southern Sierra region, and except for the storm period of February 18-23, 2005, had minimal positive impact on the snowpack accumulation process. Significant storm activity during late March and early April of 2005 further increased the snowpack water content, allowing for peak accumulation to occur well past April 1st, the date which historically reflects the magnitude of the Kern River Basin snowpack at or near maximum seasonal accumulation.



Forecast

The State of California, Department of Water Resources, issued the following forecasts of Kern River runoff into Isabella Reservoir for the 2005 April-July snow melt period:

February 1, 2005:	132% of average (620,000 acre-feet)
March 1, 2005:	124% of average (580,000 acre-feet)
April 1, 2005:	136% of average (640,000 acre-feet)
May 1, 2005:	138% of average (650,000 acre-feet)



Kern River at Delonegha Hot Springs

Runoff

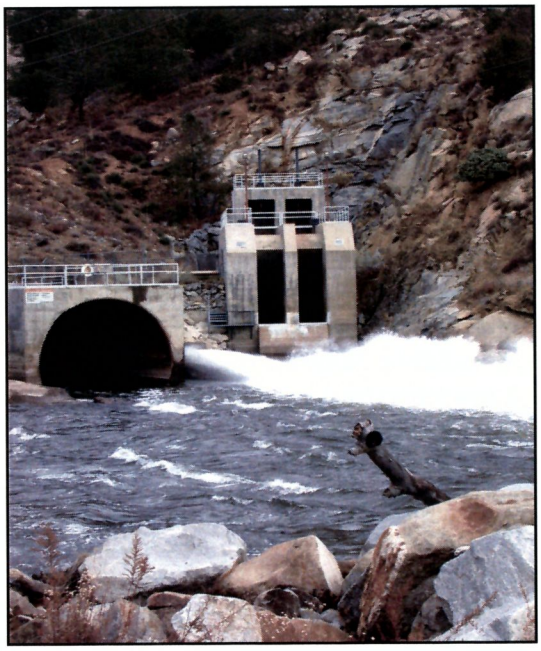
Actual 2005 April-July Kern River inflow to Lake Isabella was 767,855 acre-feet (163% of average). The final snow melt yield was much greater than the May 1st forecast largely due to the strong storm system that saturated the Kern and most all of California's Sierra Nevada watersheds on May 5, 2005. Peak snow melt inflow to Isabella Reservoir occurred on May 27, 2005 with 7,073 cubic feet per second. Calendar Year runoff at First Point of Measurement totaled 1,156,109 acre-feet, 158% of the long-term average (729,651 acre-feet) and 213% of the historical median (544,014 acre-feet). During the major storm period of January 9-11, 2005, Kern River natural flow reached maximum all-time flow rates for January 9th (2,801 cfs), January 10th (4,751 cfs), and January 11th (4,576 cfs). On August 15, 2005, heavy thunderstorm activity struck the Kern River watershed, depositing record precipitation at Isabella Dam (.83") and resulting in a sharp increase in natural river flow to 1,289 cubic feet per second, 6th highest recorded for this date since 1894.



Rio Bravo Power Canal

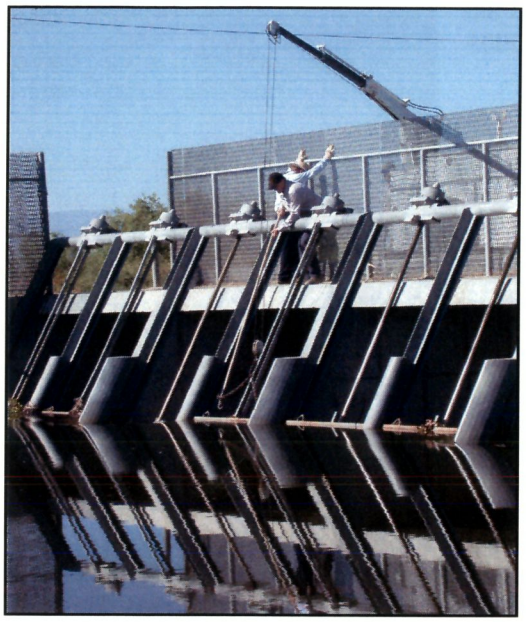
Storage

2005 began with just 94,083 acre-feet of reservoir storage and with portions of the Borel Canal exposed within Isabella Lake due to the low water levels. During early January of 2005, the flow of the Borel Canal below Isabella Lake was limited to approximately 160 cubic feet per second due in part to lake elevation and the U.S. Army Corps of Engineers decision not to activate the original Borel Canal head works at the end of the 2004 season. The storm period of January 9-11, 2005 increased reservoir storage by over 20,000 acre-feet, effectively inundating the Borel Canal within the reservoir and enabling the Corps to regain full control of the Isabella Auxiliary Dam for releases into the Borel Canal. On March 31, 2005, the Kern River Interests were given notice by the Corps that Isabella Reservoir, limited to a maximum water surface elevation of 2584.00 feet or 347,580 acre-feet of storage capacity under a 1999 court order regarding habitat protection for the endangered Southwestern Willow Flycatcher, could immediately resume with normal reservoir operations that included use of reservoir capacity to 568,100 acre-feet and above. Peak Isabella Reservoir storage for the year occurred on June 17, 2005 with 538,557 acre-feet of storage. This was the highest storage level the reservoir had achieved since August 7, 1998. Isabella Reservoir ended the year with 246,549 acre-feet of storage, representing 43% of the lake capacity and 158% of the average December 31st carryover storage figure of 155,957 acre-feet.



Isabella Main Dam Outlet

Operations



Calloway River Weir

Kern River regulated flow as computed at First Point of Measurement during the 2005 Calendar Year amounted to 952,340 acre-feet, 134% of the 1954-2005 average regulated flow of 708,261 acre-feet. Peak regulated flow during 2005 occurred on June 20th, with a mean daily discharge of 3,724 cubic feet per second. The Kern River Channel below Rocky Point Weir was extensively utilized throughout the year, with flow at Rocky Point topping out at 2,479 cubic feet per second in late June. Recharge operations involving the Kern River bed from all water sources between First and Second Point of Measurement amounted to 129,438 acre-feet during 2005.

Deliveries of Friant-Kern water to the Kern River Channel began on January 24, 2005 and continued without interruption through June 16, 2005. Maximum inflow from the Friant-Kern Canal during 2005 occurred on May 10th at 1,511 cubic feet per second. All told, 240,368 acre-feet entered the Kern River from the terminus of the Friant-Kern Canal during the 2005 Calendar Year, the maximum of record and greater than entire annual Kern River 1st Point flow for the years 1924 (187,277 AcFt), 1931 (185,645 AcFt), 1934 (227,665 AcFt), 1961 (177,063 AcFt), 1977 (200,702 AcFt) and 1990 (219,501 AcFt).

Total water yield of the Kern River drainage basin and its surface storage reservoir in acre-feet during 2005 is summarized as follows:

+	Kern River Computed Natural Flow	1,156,109
-	Isabella Reservoir Storage	152,464
-	Isabella Reservoir Evaporation	51,305
-	Kern River Diversion Above First Point	16,901
=	Kern River Flow at First Point	935,439

Delivery of ***Kern River*** water to canal and conveyance facilities located below First Point of Measurement for the 2005 Calendar Year was as follows:

Delivery Point	Flow in Acre-Feet
Beardsley Canal	271,488
Calloway Canal	75,786
Kern Island Canal	148,210
Eastside Canal	14,440
Stine Canal	35,070
Truxtun Lakes	1,006
Arvin-Edison Turnout	8,105
Buena Vista Canal	37,023
Rosedale Channel	86,801
The Park at River Walk	964
North Lake Turnout	702
Berrenda Mesa Pipeline	13,926
Pioneer Property	21,775
2800 Acre Recharge Facility	37,571
Second Point of Measurement	111,764
Seepage Loss (River & Carrier)	70,808



Kern Island Canal at Beale Library

DISCHARGE IN CUBIC FEET PER SECOND — Kern River at First Point of Measurement "Computed Natural" — Year: 2005

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	368	794	909	1,612	2,664	6,091	3,340	1,058	470	449	361	407
2	342	756	919	1,613	2,853	6,087	3,401	1,023	486	390	351	1,304
3	359	722	924	1,698	3,108	5,893	3,321	959	473	374	344	874
4	390	713	939	1,729	3,419	5,495	3,141	942	464	373	363	528
5	386	714	952	1,782	3,608	5,091	2,893	928	448	379	374	504
6	396	704	980	1,793	3,598	4,703	2,850	900	438	367	378	466
7	415	709	1,016	1,869	3,323	4,334	2,789	933	433	359	398	454
8	432	701	1,074	1,971	3,198	3,944	2,752	936	414	359	403	453
9	2,801	718	1,169	1,972	3,230	3,801	2,561	997	395	369	402	467
10	4,751	706	1,303	1,911	3,226	3,811	2,383	957	364	387	389	455
11	4,576	711	1,459	1,848	3,095	3,936	2,307	945	354	390	389	417
12	2,333	705	1,618	1,901	2,996	4,078	2,281	890	346	387	394	393
13	1,374	718	1,749	1,986	3,137	4,335	2,261	800	336	360	399	405
14	1,054	733	1,759	2,081	3,445	4,530	2,176	716	342	348	396	406
15	970	739	1,682	2,155	3,979	4,637	2,068	1,289	333	341	387	399
16	890	755	1,552	2,301	4,476	4,413	1,981	860	336	354	374	379
17	858	840	1,483	2,489	4,790	4,033	1,858	830	350	352	363	434
18	842	960	1,461	2,707	4,965	3,521	1,794	793	418	553	355	554
19	834	1,060	1,520	2,780	5,224	3,242	1,713	746	450	443	358	625
20	875	1,089	1,553	2,736	5,560	3,127	1,678	687	509	436	356	611
21	934	1,240	1,729	2,609	5,824	3,226	1,640	634	510	423	359	542
22	937	1,381	1,844	2,551	6,039	3,295	1,640	611	503	408	359	555
23	900	1,224	3,066	2,538	6,346	3,400	1,646	616	444	389	363	554
24	941	1,103	2,181	2,497	6,562	3,311	1,615	594	434	385	354	517
25	1,138	1,067	2,004	2,449	6,829	3,194	1,569	574	445	370	339	505
26	1,108	1,015	1,836	2,475	7,009	3,031	1,472	572	455	370	332	569
27	1,211	988	1,807	2,617	7,196	2,904	1,328	564	477	372	331	565
28	1,018	937	1,800	2,761	7,111	2,849	1,252	548	488	379	326	579
29	921	-	1,803	2,645	6,771	2,832	1,168	500	502	384	315	501
30	896	-	1,779	2,534	6,442	3,025	1,175	484	497	380	332	513
31	864	-	1,689	-	5,604	-	1,076	471	-	369	-	1,012
TOTAL	36,114	24,502	47,559	66,610	145,627	120,169	65,129	24,357	12,914	11,999	10,944	16,947
MAXIMUM DAY	4,751	1,381	3,066	2,780	7,196	6,091	3,401	1,289	510	553	403	1,304
MINIMUM DAY	342	701	909	1,612	2,664	2,832	1,076	471	333	341	315	379
MEAN	1,165	875	1,534	2,220	4,698	4,006	2,101	786	430	387	365	547
TOTAL AC. FT.	71,631	48,599	94,332	132,119	288,847	238,352	129,182	48,311	25,615	23,800	21,707	33,614

WHOLE YEAR:- TOTAL, 582,871 MAX., 7,196 MIN., 315 MEAN, 1,597 TOTAL AC.FT., 1,156,109

DISCHARGE IN CUBIC FEET PER SECOND

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

Year: 2005

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	233	567	681	1,234	1,870	6,091	3,133	942	357	361	306	256
2	245	491	676	1,261	2,023	6,355	3,275	853	354	363	289	775
3	286	564	684	1,321	2,249	6,025	3,611	799	343	353	274	643
4	333	529	656	1,396	2,477	5,253	3,073	739	337	339	264	361
5	317	525	661	1,284	2,734	5,275	2,762	719	340	328	258	343
6	307	536	690	1,375	2,699	4,588	2,776	752	343	327	257	328
7	267	513	727	1,531	2,294	3,932	2,658	691	331	342	258	313
8	377	488	770	1,476	2,207	3,625	2,581	786	328	325	258	298
9	2,509	497	859	1,521	2,529	3,332	2,503	755	325	312	259	302
10	3,362	498	974	1,406	2,349	3,312	2,272	782	333	308	257	297
11	3,273	522	1,079	1,397	2,127	3,550	2,201	742	334	300	264	292
12	1,259	557	1,186	1,455	2,106	3,672	2,227	681	334	299	269	287
13	903	596	1,288	1,538	2,284	3,846	2,073	644	322	295	259	283
14	751	573	1,338	1,549	2,567	4,439	1,900	593	313	247	258	276
15	656	577	1,204	1,603	3,230	4,724	1,785	575	306	270	255	270
16	606	586	1,127	1,730	4,112	4,598	1,705	726	303	290	251	263
17	589	601	1,084	1,926	3,895	3,810	1,670	668	302	291	247	264
18	626	716	1,022	2,124	3,685	3,237	1,624	595	296	331	243	335
19	573	796	1,090	2,114	4,323	2,898	1,554	553	289	343	239	570
20	660	797	1,290	1,901	4,928	2,691	1,453	530	322	324	236	441
21	731	864	1,118	1,806	4,927	2,695	1,410	495	500	312	239	401
22	690	912	1,548	1,837	5,455	3,047	1,450	469	406	306	239	368
23	642	868	2,270	1,716	5,970	3,065	1,416	452	369	300	249	371
24	706	783	1,617	1,748	5,978	2,999	1,441	440	349	298	240	365
25	779	749	1,392	1,678	6,368	2,835	1,355	426	339	301	236	350
26	807	713	1,285	1,757	6,755	2,675	1,207	406	328	316	241	462
27	853	692	1,279	1,839	6,949	2,638	1,105	402	441	311	238	499
28	765	677	1,427	1,991	7,311	2,702	1,036	388	453	311	258	407
29	709	-	1,297	1,810	7,023	2,789	1,064	375	409	314	265	418
30	628	-	1,234	1,786	5,769	2,934	980	372	381	307	269	392
31	598	-	1,215	-	5,540	-	948	364	-	307	-	687
TOTAL	26,040	17,787	34,768	49,110	124,733	113,632	60,248	18,714	10,487	9,731	7,675	11,917
MAXIMUM DAY	3,362	912	2,270	2,124	7,311	6,355	3,611	942	500	363	306	775
MINIMUM DAY	233	488	656	1,234	1,870	2,638	948	364	289	247	236	256
MEAN	840	635	1,122	1,637	4,024	3,788	1,943	604	350	314	256	384
TOTAL AC. FT.	51,650	35,280	68,961	97,408	247,404	225,386	119,500	37,119	20,801	19,301	15,223	23,637

WHOLE YEAR:- TOTAL, 484,842 MAX., 7,311 MIN., 233 MEAN, 1,328 TOTAL AC.FT., 961,670

DISCHARGE IN CUBIC FEET PER SECOND

Kern River at First Point of Measurement "Regulated"

Year: 2005

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	341	686	565	593	942	2,605	3,165	2,668	1,537	1,168	940	329
2	335	628	574	570	1,042	2,758	3,117	2,721	1,457	1,129	961	394
3	357	576	573	578	1,121	2,848	3,082	2,925	1,304	1,151	984	405
4	392	549	562	600	1,171	2,854	3,206	2,965	1,349	1,130	950	394
5	398	551	565	630	1,179	2,876	3,330	2,891	1,410	1,097	876	392
6	396	546	569	647	1,066	2,952	3,414	2,791	1,388	1,075	881	391
7	401	551	571	675	869	3,058	3,401	2,722	1,372	1,059	911	386
8	408	546	566	680	801	3,107	3,300	2,728	1,355	1,069	913	386
9	490	528	559	625	840	3,152	3,207	2,648	1,335	1,036	884	340
10	698	550	553	593	847	3,177	3,133	2,567	1,303	1,008	784	194
11	697	582	565	582	910	3,118	3,352	2,484	1,257	1,051	778	156
12	642	581	576	626	970	3,175	3,471	2,442	1,236	1,101	752	458
13	608	578	585	658	1,019	3,301	3,351	2,341	1,229	1,132	747	610
14	601	576	590	643	1,006	3,302	3,308	2,316	1,279	1,103	646	611
15	593	584	583	592	1,035	3,360	3,217	2,316	1,359	960	493	609
16	606	594	594	531	1,147	3,420	3,004	2,254	1,286	900	474	662
17	620	612	599	577	1,180	3,400	2,975	2,077	1,188	892	435	704
18	610	633	573	657	1,222	3,529	3,036	1,859	1,207	910	433	719
19	601	640	581	643	1,280	3,681	3,051	1,857	1,296	964	397	703
20	613	630	581	627	1,353	3,724	3,059	1,865	1,384	1,038	333	665
21	633	631	596	701	1,350	3,611	3,065	1,906	1,431	995	349	640
22	628	635	665	684	1,515	3,496	2,994	1,992	1,404	886	349	555
23	588	631	717	680	1,982	3,483	2,909	2,013	1,340	859	358	469
24	631	637	723	692	2,183	3,387	2,873	1,970	1,270	870	351	467
25	633	632	635	672	2,232	3,261	2,883	1,862	1,285	876	353	468
26	632	626	605	746	2,232	3,185	2,821	1,791	1,314	859	363	482
27	633	629	656	837	2,135	3,181	2,756	1,672	1,296	872	348	517
28	636	624	625	823	2,074	3,120	2,737	1,690	1,249	817	324	596
29	639	-	641	665	2,195	3,086	2,699	1,731	1,244	754	324	579
30	633	-	633	799	2,277	3,101	2,692	1,645	1,240	743	331	580
31	678	-	614	-	2,293	-	2,678	1,645	-	779	-	594
TOTAL	17,371	16,766	18,594	19,626	43,468	96,308	95,286	69,354	39,604	30,283	18,022	15,455
MAXIMUM INSTANT.	761	811	823	910	2,629	3,845	3,631	3,008	1,588	1,222	1,014	742
MINIMUM INSTANT.	324	453	429	422	752	2,464	2,638	1,548	1,151	718	268	147
MEAN	560	599	600	654	1,402	3,210	3,074	2,237	1,320	977	601	499
TOTAL AC. FT.	34,455	33,256	36,881	38,928	86,217	191,024	188,997	137,561	78,554	60,066	35,747	30,654

WHOLE YEAR:- TOTAL, 480,137 MAX., 3,845 MIN., 147 MEAN, 1,315 TOTAL AC.FT., 952,340

DISCHARGE IN CUBIC FEET PER SECOND — Kern River Conduit at Alternate Second Point (Total Flow) — Year: 2005

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	372	0	0	27	258	390	326	84	61	49	0
2	0	325	0	0	25	335	391	324	72	55	52	0
3	0	269	0	0	0	338	393	325	71	44	51	0
4	0	249	0	0	0	342	392	244	69	47	50	0
5	0	241	0	0	0	338	380	188	67	50	48	0
6	0	235	0	0	0	341	390	188	75	51	49	0
7	0	232	0	0	0	375	390	188	80	53	51	0
8	0	232	0	0	0	426	387	190	79	55	52	0
9	0	229	0	0	0	485	391	143	77	55	61	0
10	0	229	0	0	0	519	391	123	82	58	62	0
11	0	232	0	0	0	517	385	122	83	55	46	0
12	0	232	0	0	0	510	379	122	73	39	40	0
13	0	240	0	0	0	496	388	123	74	40	38	0
14	0	211	0	0	0	488	385	121	78	40	38	0
15	0	88	0	0	0	478	346	119	69	41	40	0
16	0	0	0	0	29	474	327	106	59	40	23	0
17	0	0	0	0	54	480	324	102	58	40	0	0
18	0	0	0	0	52	488	325	102	59	48	0	0
19	0	0	0	0	52	482	325	102	60	46	0	0
20	0	0	0	0	51	472	323	102	60	46	0	0
21	0	0	0	0	55	472	323	102	56	44	0	0
22	0	0	0	0	58	479	323	101	53	43	0	0
23	0	0	0	0	57	479	323	100	52	41	0	0
24	0	0	0	0	54	483	323	100	49	43	0	0
25	0	0	0	0	54	490	324	100	42	44	0	0
26	0	0	0	0	54	450	332	101	47	43	0	0
27	90	0	0	0	55	396	335	100	54	51	0	0
28	170	0	0	0	55	365	333	101	56	44	0	0
29	249	-	0	0	55	370	329	101	56	39	0	0
30	285	-	0	0	55	402	329	102	56	41	0	0
31	328	-	0	-	149	-	329	91	-	48	-	0
TOTAL	1,122	3,616	0	0	991	13,028	11,005	4,459	1,950	1,445	750	0
MAXIMUM DAY	328	372	0	0	149	519	393	326	84	61	62	0
MINIMUM DAY	0	0	0	0	0	258	323	91	42	39	0	0
MEAN	36	129	0	0	32	434	355	144	65	47	25	0
TOTAL AC. FT.	2,225	7,172	0	0	1,966	25,840	21,828	8,844	3,868	2,866	1,488	0

WHOLE YEAR:- TOTAL, 38,366 MAX., 519 MIN., 0 MEAN, 105 TOTAL AC.FT., 76,097

DISCHARGE IN CUBIC FEET PER SECOND — Kern River Channel at Second Point of Measurement (Total Flow) — Year: 2005

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	311	0	0	46	20	26	19	0	0	0	0
2	0	0	0	0	51	98	21	23	0	0	0	0
3	0	0	0	0	44	180	33	29	0	0	0	0
4	0	0	0	0	114	251	31	102	0	0	0	0
5	0	0	0	0	180	339	0	63	0	0	0	0
6	0	0	0	0	221	328	0	20	0	0	0	0
7	0	0	0	0	188	246	16	21	0	0	0	0
8	0	0	0	0	142	199	50	18	0	0	0	0
9	0	0	0	0	78	261	41	70	0	0	0	0
10	0	0	0	0	113	323	60	155	8	0	0	0
11	0	0	0	0	121	383	74	152	16	0	0	0
12	0	0	0	0	145	353	50	143	0	0	0	0
13	0	0	0	0	151	357	50	130	0	0	0	0
14	0	0	0	0	152	389	67	121	0	0	0	0
15	0	0	0	0	154	393	107	116	0	0	0	0
16	0	13	0	0	67	378	53	110	16	0	0	0
17	0	64	0	0	37	309	11	76	6	0	0	0
18	0	76	0	0	90	312	0	74	15	0	0	0
19	0	48	0	0	112	361	6	66	6	0	0	0
20	0	9	0	0	80	425	9	38	11	0	0	0
21	0	0	0	0	69	397	9	11	20	0	0	0
22	0	0	0	0	51	246	10	25	23	0	0	0
23	0	0	0	0	38	232	5	30	4	0	0	0
24	0	0	0	0	73	226	8	35	0	0	0	0
25	0	0	0	0	145	197	17	27	0	0	0	0
26	0	0	0	0	197	232	17	18	0	0	0	0
27	0	0	0	7	135	149	15	23	0	0	0	0
28	0	0	0	25	211	0	19	20	8	0	0	0
29	0	-	0	54	194	0	27	17	9	0	0	0
30	0	-	0	71	199	0	19	18	1	0	0	0
31	456	-	0	-	68	-	9	23	-	0	-	0
TOTAL	456	521	0	157	3,666	7,584	860	1,793	143	0	0	0
MAXIMUM DAY	456	311	0	71	221	425	107	155	23	0	0	0
MINIMUM DAY	0	0	0	0	37	0	0	11	0	0	0	0
MEAN	15	19	0	5	118	253	28	58	5	0	0	0
TOTAL AC. FT.	904	1,033	0	311	7,271	15,043	1,706	3,556	284	0	0	0

WHOLE YEAR:- TOTAL, 15,180 MAX., 456 MIN., 0 MEAN, 42 TOTAL AC.FT., 30,108

DISCHARGE IN CUBIC FEET PER SECOND — Friant-Kern Inflow to Kern River Channel (Total Flow) — Year: 2005

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	829	567	735	1,062	168	0	0	247	243	0	0
2	0	811	560	759	1,267	171	66	0	246	247	0	0
3	0	802	587	807	1,235	171	204	0	247	241	0	0
4	0	796	630	832	1,236	365	192	0	246	245	0	0
5	0	957	658	827	1,275	661	56	0	248	251	0	0
6	0	1,169	650	841	1,372	310	0	0	253	253	0	0
7	0	1,195	623	853	1,449	171	0	0	253	253	0	0
8	0	1,203	604	860	1,502	171	0	0	255	254	0	0
9	0	1,035	600	866	1,502	194	0	0	255	253	0	0
10	0	842	554	847	1,511	169	92	0	245	143	0	0
11	0	841	561	821	1,469	370	78	62	166	49	0	0
12	0	848	594	868	1,437	604	0	106	42	49	0	0
13	0	791	604	906	1,428	254	0	99	42	49	0	0
14	0	667	594	900	1,397	103	0	100	42	49	0	0
15	0	594	597	824	1,478	102	0	98	42	44	0	0
16	0	598	600	737	1,222	47	0	98	149	39	0	0
17	0	626	651	717	1,056	0	0	99	241	39	0	0
18	0	670	703	705	1,044	497	0	208	245	38	0	0
19	0	624	665	717	1,068	511	0	300	240	35	0	0
20	0	565	624	775	1,050	196	0	308	240	34	0	0
21	0	563	620	738	1,092	47	0	304	243	34	0	0
22	0	532	583	673	1,254	0	0	299	243	34	0	0
23	0	498	522	747	1,012	0	0	299	240	35	0	0
24	235	504	522	772	887	0	0	302	244	35	0	0
25	406	474	515	776	617	139	0	305	244	56	0	0
26	331	374	522	780	290	341	0	304	240	73	0	0
27	592	602	491	720	249	187	0	289	243	72	0	0
28	855	587	462	637	308	0	0	278	243	71	0	0
29	837	-	472	664	454	0	0	274	243	31	0	0
30	842	-	551	720	581	0	0	265	243	0	0	0
31	817	-	682	-	367	-	0	258	-	0	-	0
TOTAL	4,915	20,597	18,168	23,424	33,171	5,949	688	4,655	6,370	3,249	0	0
MAXIMUM DAY	855	1,203	703	906	1,511	661	204	308	255	254	0	0
MINIMUM DAY	0	374	462	637	249	0	0	0	42	0	0	0
MEAN	159	736	586	781	1,070	198	22	150	212	105	0	0
TOTAL AC. FT.	9,749	40,853	36,036	46,461	65,794	11,799	1,365	9,233	12,635	6,443	0	0

WHOLE YEAR:- TOTAL, 121,186 MAX., 1,511 MIN., 0 MEAN, 332 TOTAL AC.FT., 240,368

CITY OF BAKERSFIELD
SUMMARY OF KERN RIVER ENTITLEMENTS

Quantities in acre-feet

Year: 2005

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
Buena Vista W.S.D. Entitlement	5,340	0	24,325	37,545	101,353	77,302	33,586	9,505	0	0	0	0	288,956
Hacienda W.D. Entitlement	0	0	0	0	28,278	31,182	17,980						77,440
K.C.L. Entitlement @ 2nd Point	256	0	976	1,799	5,058	3,959	1,763	460	0	0	0	0	14,271
Kern Island (1-st)	18,611	16,661	18,250	17,851	18,446	17,851	18,446	18,446	17,851	18,446	17,851	18,446	217,156
Eastside													
Kern River Conduit			25,055	22,947	43,629	38,720	26,734	14,493					171,578
Castro	305	278	87	119	175	129	93	36	284	294	260	308	2,368
KCC & W Co.	875	807	246	405	468	353	222	101	767	756	682	849	6,531
South Fork	603	556	177	286	341	250	159	73	555	555	481	603	4,639
Buena Vista (1-st)	4,324	4,353	1,347	2,120	2,569	1,942	1,242	567	3,398	2,606	1,778	4,488	30,734
James (1-st)	5,443	6,527	2,021	3,179	3,864	2,910	1,864	851	2,105	425		4,393	33,582
Anderson (1-st)	908	1,085	333	524	643	482	315	137		38		442	4,907
Stine	6,730	8,158	2,529	3,971	4,836	3,637	2,325	1,063		4		1,279	34,532
Meacham	1,347	1,238	508	797	970	730	466	210				177	6,443
Farmers	6,478	3,679	2,529	3,971	4,836	3,637	2,325	984				867	29,306
Plunket	1,254	857	676	1,063	1,285	974	621	218				157	7,105
Joyce	962	813	676	1,063	1,285	974	621	161				157	6,712
Johnson	797	676	676	1,063	1,285	974	621	87				157	6,336
Pioneer (1-st)	2,134	1,416	2,190	3,439	4,185	3,155	2,003	131				277	18,930
Beardsley (1-st)	720	351	1,012	1,595	1,934	1,454	912	42				117	8,137
Lerdo (NKWSD)													
Anderson (2-nd)	119	60	169	270	331	236	145	8				20	1,358
James & Dixon	411	198	676	1,063	1,285	974	595	28				79	5,309
Wilson	61	12	87	151	190	141	91	4				12	749
KCC & W Co.	38	8	81	119	141	95	54	4				8	548
McCaffrey	254	52	440	686	833	627	381	18				52	3,343
McCord: Lerdo 30%	293	58	494	793	968	728	432	2				14	3,782
Beardsley 70%	682	135	1,152	1,850	2,259	1,698	1,006	6				36	8,824
Calloway: Central 20%	1,333	2	1,238	3,589	5,474	4,124	1,857						17,617
NKWSD 80%	5,334	8	4,955	14,359	21,896	16,496	7,428						70,476
Railroad: KCC & W Co. 20%	282		36	529	1,287	972	262						3,368
NKWSD 80%	1,128		143	2,113	5,149	3,883	1,043						13,459
Buena Vista (2-nd)	553		79	1,020	2,900	2,184	502						7,238
James (2-nd)	1,105		161	1,006	5,766	4,364	926						13,328
Pioneer (2-nd)	936		151	179	5,338	4,094	722						11,420
Beardsley (3-rd)	1,085		181		7,315	5,300	633						14,514
Kern Island (2-nd)	254				1,599	1,166	131						3,150
Computed Loss	676	611	676	655	676	655	676	676	655	676	655	676	7,963
Total 1st Point Group Entitlement	66,291	48,599	70,007	94,574	159,216	129,868	77,616	38,806	25,615	23,800	21,707	33,614	789,713

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

Quantities in acre-feet

Year: 2005

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
KERN RIVER FLOW AT FIRST POINT	**33,638**	**32,541**	**35,897**	**37,722**	**84,783**	**189,189**	**186,944**	**135,338**	**76,721**	**58,566**	**34,368**	**29,732**	**935,439**
BEARDSLEY CANAL	18,849	12,093	10,110	9,836	25,359	37,470	38,963	37,439	22,740	26,309	21,403	10,917	271,488
CALLOWAY CANAL	269	1,295	1,575	2,382	3,081	18,559	23,377	7,777	2,952	2,817	1,428	10,274	75,786
KERN ISLAND CANAL	4,143	6,734	11,036	14,840	15,352	23,290	24,676	23,213	10,721	5,117	3,710	5,378	148,210
EASTSIDE CANAL	103	464	1,406	1,626	1,547	2,358	2,668	2,338	1,154	238	393	145	14,440
STINE CANAL	0	0	1,710	766	2,267	6,347	8,348	6,736	4,177	2,114	1,474	1,131	35,070
TRUXTUN LAKES	0	0	0	0	117	179	194	184	179	153	0	0	1,006
ARVIN-EDISON TURNOUT	0	0	0	0	0	0	1,190	4,830	2,085	0	0	0	8,105
BUENA VISTA CANAL	230	2,418	2,194	2,533	3,245	6,676	7,960	5,925	3,558	1,742	407	135	37,023
THE PARK AT RIVER WALK	0	0	0	0	0	0	0	0	0	571	235	158	964
ROSEDALE CHANNEL	2,959	163	5,844	2,099	12,722	15,597	17,986	14,432	11,506	3,493	0	0	86,801
PIONEER CANAL	0	0	0	0	0	0	0	0	0	0	0	0	0
BERRENDA MESA PIPELINE	0	0	0	0	268	3,227	2,851	2,418	2,454	2,129	579	0	13,926
PIONEER PROPERTY	0	0	0	1,281	1,727	7,147	5,194	3,628	1,635	1,163	0	0	21,775
NORTH LAKE TURNOUT	0	0	0	0	24	170	184	101	89	134	0	0	702
BOSWELL TURNOUT	0	0	0	0	0	0	0	0	0	0	0	0	0
2800 ACRE RECHARGE FACILITY	1,591	0	0	0	5,078	14,523	11,508	2,390	833	1,648	0	0	37,571
CARRIER CANAL LOSS/REFILL	772	742	529	792	817	839	895	805	605	367	388	346	7,897
RIVER LOSS & SPREADING	2,497	1,460	1,493	1,567	7,919	9,641	10,145	8,492	7,881	7,705	2,863	1,248	62,911
FIRST POINT CANALS TOTAL FLOW	**31,413**	**25,369**	**35,897**	**37,722**	**79,523**	**146,023**	**156,139**	**120,708**	**72,569**	**55,700**	**32,880**	**29,732**	**823,675**
TOTAL FLOW AT SECOND POINT	**2,225**	**7,172**	**0**	**0**	**5,260**	**43,166**	**30,805**	**14,630**	**4,152**	**2,866**	**1,488**	**0**	**111,764**
BUENA VISTA WSD	2,225	7,005	0	0	5,260	39,935	23,534	12,400	4,152	2,866	1,488	0	98,865
KERN WATER BANK	0	0	0	0	0	3,231	7,271	2,230	0	0	0	0	12,732
KERN DELTA WD	0	167	0	0	0	0	0	0	0	0	0	0	167

2005 Summary of Kern River Water Diversions by Entity

(Acre-Feet)

Area of Use	*Diverted*
Above First Point	
California Water Service Co.	13,783
Kern Valley Golf Course	176
La Hacienda, Inc.	923
Lake Ming	790
Olcese WD	750
City of Bakersfield	479
Sub-total	16,901
Below First Point	
Arvin-Edison WSD	8,105
Buena Vista WSD	94,712
Cawelo WD	65,218
City of Bakersfield, Irrigation and Spreading	116,724
County of Kern (BVARA)	4,153
Improvement District #4	27,597
Kern County Water Agency	35,701
West Kern Water District	12,732
Kern Delta WD	234,798
North Kern WSD	234,316
Rosedale Ranch Improvement District	14,470
Rosedale-Rio Bravo WSD	86,801
Kern-Tulare WD	0
Rag Gulch WD	0
South Fork	112
Sub-total	935,439
Grand Total	952,340

UTILIZATION OF STORAGE - ISABELLA RESERVOIR
KERN RIVER FIRST POINT GROUP

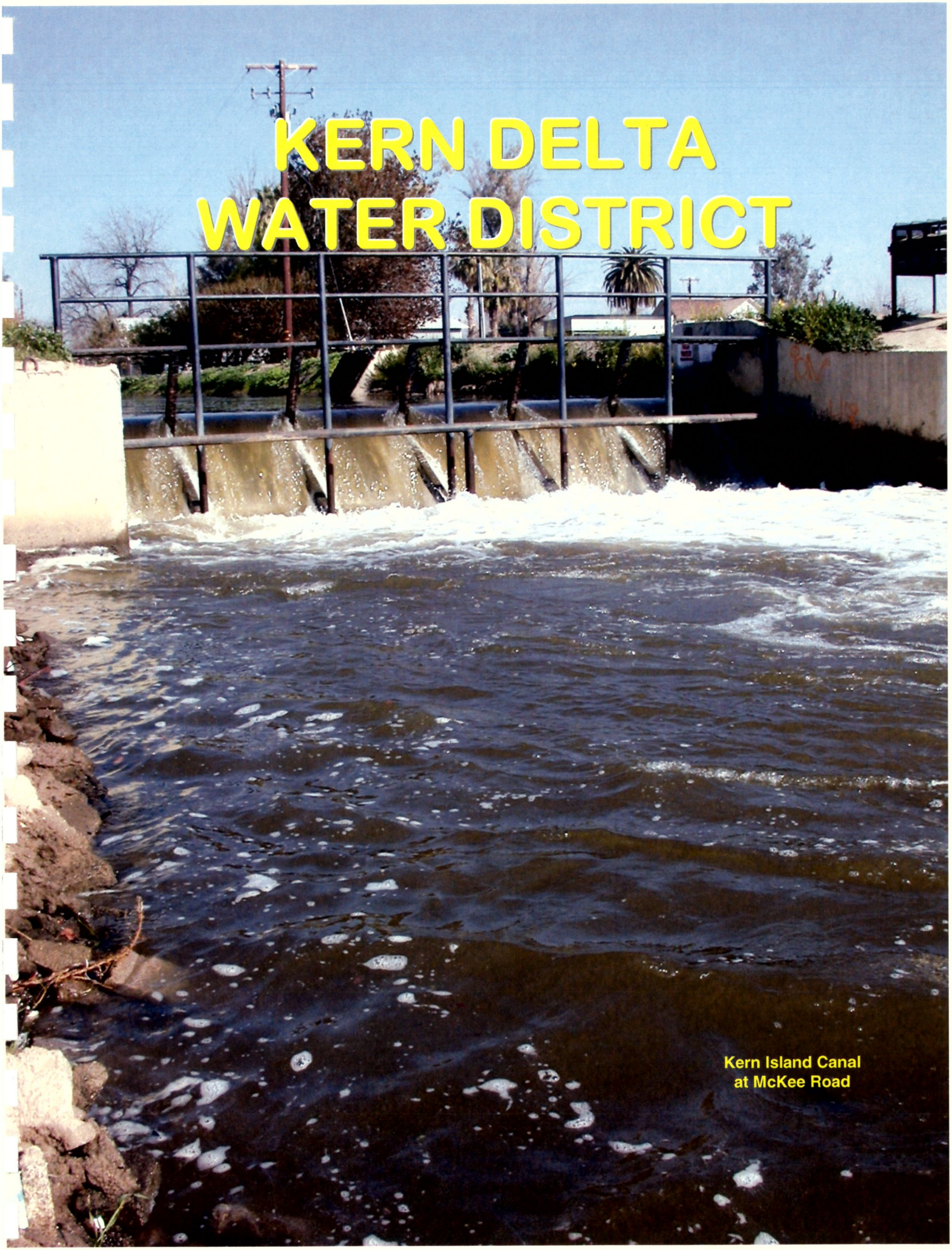
Year: 2005

Quantities in acre-feet

End of Month Unit Storage

STORAGE UNIT	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
Kern Island	2,500	9,988	15,000	15,000	18,000	11,542	5,004	1,567	2,500	2,500	2,500	2,500	88,601
Buena Vista	1,500	3,588	4,034	6,666	11,000	10,399	4,764	581	1,500	1,500	1,500	1,500	48,532
Stine	1,500	5,437	5,240	7,440	9,000	7,979	4,348	938	1,500	1,500	1,500	1,500	47,882
Farmers	1,500	3,050	4,060	6,000	6,000	5,928	4,000	2,245	2,000	1,500	1,470	1,500	39,253
KERN DELTA WD TOTAL	**7,000**	**22,063**	**28,334**	**35,106**	**44,000**	**35,848**	**18,116**	**5,331**	**7,500**	**7,000**	**6,970**	**7,000**	**224,268**
City of Bakersfield	24,535	23,623	38,951	56,190	89,067	73,471	40,051	25,940	17,299	16,617	19,982	19,831	445,557
Kern River Canal & Irr. Co.	6,644	6,794	7,799	9,416	16,947	21,757	22,080	20,818	19,854	19,239	18,591	19,611	189,550
South Fork	600	872	966	1,456	2,089	2,426	2,630	2,685	3,282	3,912	600	600	22,118
Improvement District No. 4	0	0	0	0	0	0	0	0	0	0	0	0	0
CITY OF BAKERSFIELD TOTAL	**31,779**	**31,289**	**47,716**	**67,062**	**108,103**	**97,654**	**64,761**	**49,443**	**40,435**	**39,768**	**39,173**	**40,042**	**657,225**
NORTH KERN WSD	**36,021**	**43,831**	**56,229**	**88,016**	**125,510**	**139,172**	**115,192**	**91,202**	**78,077**	**69,937**	**64,147**	**68,039**	**975,373**
TOTAL 1ST POINT STORAGE	**74,800**	**97,183**	**132,279**	**190,184**	**277,613**	**272,674**	**198,069**	**145,976**	**126,012**	**116,705**	**110,290**	**115,081**	**1,856,866**

KERN DELTA WATER DISTRICT



Kern Island Canal
at McKee Road

KERN DELTA WATER DISTRICT

Monthly Summary of Kern River Entitlements, Diversions,

Deliveries and Storage ... All Canals

Quantities in acre-feet

Year: 2005

		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
Kern River Entitlement	+	36,950	32,851	24,734	28,933	35,186	30,417	24,971	21,060	21,249	21,056	19,629	25,080	322,116
Release	+ or -	(29,800)	(8,312)	(2,586)	(2,859)	(5,637)	(1,077)	(319)	0	(5,362)	(13,958)	(13,828)	(18,140)	(101,878)
Entitlement + or - Releases	=	**7,150**	**24,539**	**22,148**	**26,074**	**29,549**	**29,340**	**24,652**	**21,060**	**15,887**	**7,098**	**5,801**	**6,940**	**220,238**
Into Isabella Storage	-	3,118	15,151	7,389	7,325	9,489	325	0	394	3,725	306	91	80	47,393
From Isabella Storage	+	0	0	887	175	0	7,809	17,096	12,903	1,433	692	36	14	41,045
From City of Bakersfield	+	0	0	0	0	0	0	0	0	0	0	0	0	0
From Buena Vista WSD	+	0	0	0	0	0	0	0	0	0	0	0	0	0
To City of Bakersfield	-	0	0	0	0	0	0	0	0	0	0	0	0	0
Storage Transfer/Exch.	+ or -	0	0	0	0	0	0	0	0	0	0	0	0	0
River and Carrier Canal Loss	-	0	206	0	0	0	0	0	0	0	28	218	236	688
Via North Kern WSD	-	0	0	0	0	0	0	0	0	0	0	0	0	0
Via Cawelo Water District	-	0	0	0	0	0	0	0	0	0	0	0	0	0
For Improvement District No.4	-	0	0	0	0	0	0	0	0	0	0	0	0	0
Other	+ or -	0	0	0	0	0	0	0	0	0	0	0	0	0
Diverted at Heads of Canals	=	**4,032**	**9,182**	**15,646**	**18,924**	**20,060**	**36,824**	**41,748**	**33,569**	**13,595**	**7,456**	**5,528**	**6,638**	**213,202**
From North Kern WSD	+	0	0	0	0	0	0	0	0	0	0	0	0	0
From Cawelo Water District	+	0	0	0	0	0	0	0	0	0	0	0	0	0
From Improvement District No.4	+	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Utility Supply	=	**4,032**	**9,182**	**15,646**	**18,924**	**20,060**	**36,824**	**41,748**	**33,569**	**13,595**	**7,456**	**5,528**	**6,638**	**213,202**
Utility Deliveries		2,100	5,439	8,262	11,673	13,162	29,375	33,352	26,636	8,446	3,766	1,930	4,155	148,296
Contract Deliveries		46	297	539	706	626	670	585	336	404	164	200	0	4,573
Total Irrigation Deliveries	-	**2,146**	**5,736**	**8,801**	**12,379**	**13,788**	**30,045**	**33,937**	**26,972**	**8,850**	**3,930**	**2,130**	**4,155**	**152,869**
Canal Conveyance Losses	=	1,886	3,446	6,845	6,545	6,272	6,779	7,811	6,597	4,745	3,526	3,398	2,483	60,333
Delivery Percentage		53%	62%	56%	65%	69%	82%	81%	80%	65%	53%	39%	63%	72%

Reservoir Evaporation Loss	34	88	231	378	595	668	636	276	123	114	85	36	3,264
End of Month Reservoir Storage	**7,000**	**22,063**	**28,334**	**35,106**	**44,000**	**35,848**	**18,116**	**5,331**	**7,500**	**7,000**	**6,970**	**7,000**	

DISCHARGE IN CUBIC FEET PER SECOND — Total Flow via the Kern Island Canal Headgate — Year: 2005

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	4	156	145	223	217	335	377	397	315	93	10	75
2	5	162	145	225	255	362	401	393	271	85	24	47
3	19	155	151	227	285	386	387	389	215	108	21	54
4	21	153	146	246	268	401	381	370	219	123	22	51
5	14	143	167	251	226	386	345	425	235	129	20	50
6	0	132	171	254	209	430	362	421	228	131	14	53
7	0	125	174	285	169	451	333	381	220	126	17	50
8	0	85	191	279	147	444	358	330	214	132	20	79
9	20	101	209	251	138	430	354	362	203	120	22	139
10	16	109	218	244	160	412	396	374	168	133	24	145
11	16	133	212	258	187	398	436	395	157	143	25	110
12	29	137	197	285	200	404	443	435	169	178	26	144
13	36	145	199	298	198	448	453	429	181	170	28	193
14	67	155	208	303	213	452	449	422	183	161	37	180
15	41	151	201	275	196	452	450	404	183	135	64	197
16	53	148	192	223	214	445	430	335	176	98	67	195
17	84	115	186	271	223	437	383	307	144	95	80	195
18	91	75	172	322	250	424	424	279	122	82	100	152
19	95	81	160	300	280	404	425	315	147	61	100	143
20	100	76	142	244	323	406	426	345	154	66	101	109
21	109	83	156	225	332	388	437	354	163	53	113	89
22	121	103	186	233	323	344	389	407	167	49	115	75
23	121	109	205	225	310	342	367	440	158	55	114	34
24	107	123	203	209	316	353	349	449	136	55	112	27
25	109	118	198	215	305	342	349	447	144	50	106	36
26	128	110	175	222	303	337	367	416	152	5	103	58
27	130	108	154	240	300	377	439	381	141	0	104	30
28	152	104	167	226	279	339	445	354	139	0	107	25
29	136	-	159	216	285	309	440	344	161	0	105	19
30	126	-	172	207	313	304	443	292	140	0	90	0
31	139	-	203	-	316	-	403	311	-	0	-	0
TOTAL	2,089	3,395	5,564	7,482	7,740	11,742	12,441	11,703	5,405	2,636	1,891	2,754
MAXIMUM DAY	152	162	218	322	332	452	453	449	315	178	115	197
MINIMUM DAY	0	75	142	207	138	304	333	279	122	0	10	0
MEAN	67	121	179	249	250	391	401	378	180	85	63	89
TOTAL AC. FT.	4,143	6,734	11,036	14,840	15,352	23,290	24,676	23,213	10,721	5,228	3,751	5,462

WHOLE YEAR:- TOTAL, 74,842 MAX., 453 MIN., 0 MEAN, 205 TOTAL AC.FT., 148,446

KERN DELTA WATER DISTRICT
KERN ISLAND CANAL SERVICE AREA

Quantities in acre-feet

Year: 2005

		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
River Entitlement	+	18,865	16,661	18,250	17,851	20,045	19,017	18,577	18,446	17,851	18,446	17,851	18,446	220,306
Release	-	14,946	2,463	3,359	4,249	2,268	0	0	0	7,864	13,669	14,141	13,062	76,021
Entitlement + or - Releases	=	**3,919**	**14,198**	**14,891**	**13,602**	**17,777**	**19,017**	**18,577**	**18,446**	**9,987**	**4,777**	**3,710**	**5,384**	**144,285**
Into Storage	-	14	7,526	5,125	194	3,252	0	0	315	981	40	31	12	17,490
From Storage	+	0	0	0	12	0	6,215	6,342	3,679	0	0	0	0	16,248
From City of Bakersfield	+	0	0	0	0	0	0	0	0	0	0	0	0	0
River and Carrier Canal Loss	-	0	93	0	0	0	0	0	0	0	0	32	0	125
Other	+/-	0	0	0	0	0	0	0	0	0	0	0	0	0
Transfer in Storage	+/-	0	0	0	0	0	0	0	0	0	0	0	0	0
Eastside Canal Entitlement	-	0	0	968	1,467	1,372	2,063	2,331	1,098	0	0	0	0	9,299
To City of Bakersfield	-	0	0	0	0	0	0	0	0	0	0	0	0	0
Via Cawelo Water District	-	0	0	0	0	0	0	0	0	0	0	0	0	0
Via North Kern WSD	-	0	0	0	0	0	0	0	0	0	0	0	0	0
For Improvement District No.4	-	0	0	0	0	0	0	0	0	0	0	0	0	0
Diverted at Head of Canal	=	**3,905**	**6,579**	**8,798**	**11,953**	**13,153**	**23,169**	**22,588**	**20,712**	**9,006**	**4,737**	**3,647**	**5,372**	**133,619**
From Cawelo Water District	+	0	0	0	0	0	0	0	0	0	0	0	0	0
From North Kern WSD	+	0	0	0	0	0	0	0	0	0	0	0	0	0
From Improvement District No.4	+	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Utility Supply	=	**3,905**	**6,579**	**8,798**	**11,953**	**13,153**	**23,169**	**22,588**	**20,712**	**9,006**	**4,737**	**3,647**	**5,372**	**133,619**
Utility Deliveries		2,100	3,996	4,630	7,435	8,762	18,885	18,233	16,911	5,782	2,418	1,612	3,837	94,601
Contract Deliveries		46	297	453	619	611	670	585	336	404	164	200	0	4,385
Total Irrigation Deliveries	-	**2,146**	**4,293**	**5,083**	**8,054**	**9,373**	**19,555**	**18,818**	**17,247**	**6,186**	**2,582**	**1,812**	**3,837**	**98,986**
Canal Conveyance Losses	=	1,759	2,286	3,715	3,899	3,780	3,614	3,770	3,465	2,820	2,155	1,835	1,535	34,633
Delivery Percentage		55%	65%	58%	67%	71%	84%	83%	83%	69%	55%	50%	71%	74%

Into Reservoir Storage		14	7,526	5,125	194	3,252	0	0	315	981	40	31	12	17,490
Reservoir Evaporation Loss		14	38	113	182	252	243	196	73	48	40	31	12	1,242
From Reservoir Storage		0	0	0	12	0	6,215	6,342	3,679	0	0	0	0	16,248
End of Month Reservoir Storage		**2,500**	**9,988**	**15,000**	**15,000**	**18,000**	**11,542**	**5,004**	**1,567**	**2,500**	**2,500**	**2,500**	**2,500**	

State Exchange Diverted		341	137	262	682	0	488	720	198	200	97	0	6	3,131
State Exchange Delivered (Irrigation)		341	137	262	682	0	488	720	198	200	97	0	6	3,131
State Exchange Delivered (Loss/Spreading)		0	0	0	0	0	0	0	0	0	0	0	0	0
MWD Water Diverted		0	0	0	0	0	0	0	1,615	1,079	0	63	0	2,757
MWD Water Delivered (Irrigation)		0	0	0	0	0	0	0	1,615	1,079	0	0	0	2,694
MWD Water Delivered (Loss/Spreading)		0	0	0	0	0	0	0	0	0	0	63	0	63
ID4 Exchange Water Diverted		0	0	0	0	0	0	0	0	0	0	0	0	0
ID4 Exchange Water Delivered		0	0	0	0	0	0	0	0	0	0	0	0	0

KERN ISLAND CANAL

ENTITLEMENT AND DIVERSION OF CONTRACT WATER

BALFOUR - GUTHRIE CONTRACT

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

Year: 2005

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
KERN ISLAND CANAL ENTITLEMENT:													
Maximum	18,446	16,661	18,424	17,851	18,446	17,851	18,446	18,446	17,851	18,446	17,851	18,446	217,165
Actual	18,446	16,661	18,250	17,851	18,446	17,851	18,446	18,446	17,851	18,446	17,851	18,446	216,991
Maximum Percentage	100.00%	100.00%	99.06%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	
CONTRACT ENTITLEMENT:													
Maximum	269	242	269	260	269	260	269	269	260	269	260	--	2,896
Actual	269	242	266	260	269	260	269	269	260	269	260	--	2,893
Sum to Date	269	511	777	1,037	1,306	1,566	1,835	2,104	2,364	2,633	2,893	2,893	
CONTRACT DIVERTED:													
For Month	0	198	292	361	294	432	363	0	51	0	0	0	1,991
To Date	0	198	490	851	1,145	1,577	1,940	1,940	1,991	1,991	1,991	1,991	
UNUSED ENTITLEMENT:													
For Month	269	44	(26)	(101)	(25)	(172)	(94)	269	209	269	260	0	902
Sum to Date	269	313	287	186	161	(11)	(105)	164	373	642	902	902	

KERN ISLAND CANAL

ENTITLEMENT AND DIVERSION OF CONTRACT WATER

BLOOMFIELD CONTRACT

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

Year: 2005

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
KERN ISLAND CANAL ENTITLEMENT:													
Maximum	18,446	16,661	18,424	17,851	18,446	17,851	18,446	18,446	17,851	18,446	17,851	18,446	217,165
Actual	18,446	16,661	18,250	17,851	18,446	17,851	18,446	18,446	17,851	18,446	17,851	18,446	216,991
Maximum Percentage	100.00%	100.00%	99.06%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	
CONTRACT ENTITLEMENT:													
Maximum	336	303	336	325	336	325	336	336	325	336	325	--	3,619
Actual	336	303	333	325	336	325	336	336	325	336	325	--	3,616
Sum to Date	336	639	972	1,297	1,633	1,958	2,294	2,630	2,955	3,291	3,616	3,616	
CONTRACT DIVERTED:													
For Month	46	99	161	258	317	238	222	336	353	164	200	0	2,394
To Date	46	145	306	564	881	1,119	1,341	1,677	2,030	2,194	2,394	2,394	
UNUSED ENTITLEMENT:													
For Month	290	204	172	67	19	87	114	0	(28)	172	125	0	1,222
Sum to Date	290	494	666	733	752	839	953	953	925	1,097	1,222	1,222	

DISCHARGE IN CUBIC FEET PER SECOND — Total Flow via the Eastside Canal Headgate — Year: 2005

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	10	12	37	18	41	42	47	20	9	4	0
2	0	7	14	30	20	32	37	47	20	7	7	0
3	0	5	14	25	25	32	34	51	19	12	8	1
4	0	4	3	30	26	35	30	53	14	11	8	5
5	0	7	11	32	14	32	33	45	15	6	6	6
6	0	12	13	30	11	36	45	33	24	6	6	6
7	0	14	16	28	10	33	53	29	23	6	6	6
8	0	15	18	21	7	32	54	34	19	6	7	6
9	0	15	18	20	6	31	46	53	18	6	12	6
10	0	11	20	23	10	28	35	54	10	10	9	6
11	0	10	18	30	13	24	34	50	11	14	5	1
12	0	7	16	34	14	29	44	48	17	15	5	4
13	0	9	17	34	18	36	49	46	21	16	5	6
14	0	11	24	33	19	41	49	37	25	19	5	6
15	0	15	33	28	25	44	53	43	25	16	6	6
16	0	15	35	23	29	49	54	47	22	16	7	6
17	0	3	34	22	29	46	55	46	18	10	8	6
18	0	2	29	27	30	37	56	46	22	0	8	6
19	0	10	22	28	32	38	54	37	30	0	9	5
20	0	10	20	32	36	43	51	28	33	0	14	5
21	0	8	18	32	38	50	45	23	35	1	13	5
22	0	1	18	26	34	55	37	30	30	6	13	5
23	0	0	26	13	32	50	34	38	17	5	13	4
24	0	0	26	15	33	47	32	32	11	5	10	4
25	0	3	27	32	31	44	40	36	10	4	12	0
26	0	9	22	37	32	44	41	33	13	0	11	1
27	0	10	29	33	37	44	41	29	17	0	10	4
28	4	11	36	24	33	47	44	23	17	0	10	4
29	19	-	39	23	35	46	44	22	16	0	11	3
30	19	-	41	18	42	43	39	20	10	0	9	0
31	10	-	40	-	41	-	40	19	-	0	-	0
TOTAL	52	234	709	820	780	1,189	1,345	1,179	582	206	257	123
MAXIMUM DAY	19	15	41	37	42	55	56	54	35	19	14	6
MINIMUM DAY	0	0	3	13	6	24	30	19	10	0	4	0
MEAN	2	8	23	27	25	40	43	38	19	7	9	4
TOTAL AC. FT.	103	464	1,406	1,626	1,547	2,358	2,668	2,338	1,154	408	510	244

WHOLE YEAR:- TOTAL, 7,476 MAX., 56 MIN., 0 MEAN, 20 TOTAL AC.FT., 14,826

KERN DELTA WATER DISTRICT
EASTSIDE CANAL SERVICE AREA

Quantities in acre-feet

Year: 2005

		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
Kern River Entitlement	+	0	0	968	1,467	1,372	2,063	2,331	1,098	0	0	0	0	9,299
State Exchange Diverted	+	103	464	438	159	175	295	337	32	60	173	393	145	2,774
City Miscellaneous Diverted	+	0	0	0	0	0	0	0	4	2	0	0	0	6
MWD Water Diverted	+	0	0	0	0	0	0	0	1,204	1,092	65	0	0	2,361
Oilfield Reclaimed Water Diverted	+	0	0	0	0	0	0	0	0	0	170	117	99	386
Eastside Canal at Head	=	**103**	**464**	**1,406**	**1,626**	**1,547**	**2,358**	**2,668**	**2,338**	**1,154**	**408**	**510**	**244**	**14,826**
Utility Deliveries	+	0	0	648	1,024	1,024	1,782	2,107	1,028	0	0	0	0	7,613
Contract Deliveries	+	0	0	86	87	15	0	0	0	0	0	0	0	188
Subtotal Utility Deliveries	=	0	0	734	1,111	1,039	1,782	2,107	1,028	0	0	0	0	7,801
State Exchange Delivered	+	0	244	219	159	175	295	337	0	0	173	338	145	2,085
City Miscellaneous Delivered	+	0	0	0	0	0	0	0	4	2	0	0	0	6
MWD Water Delivered	+	0	0	0	0	0	0	0	1,146	1,030	65	0	0	2,241
Oilfield Reclaimed Water Delivered	+	0	0	0	0	0	0	0	0	0	36	0	79	115
Subtotal State/Other Deliveries	=	0	244	219	159	175	295	337	1,150	1,032	274	338	224	4,447
Total Irrigation Deliveries		**0**	**244**	**953**	**1,270**	**1,214**	**2,077**	**2,444**	**2,178**	**1,032**	**274**	**338**	**224**	**12,248**
Canal Loss (Utility)	+	0	0	234	356	333	281	224	70	0	0	0	0	1,498
Canal Loss (State)	+	103	220	219	0	0	0	0	32	60	0	55	0	689
Canal Loss (Other)	+	0	0	0	0	0	0	0	58	62	134	117	20	391
Total Canal Loss	=	**103**	**220**	**453**	**356**	**333**	**281**	**224**	**160**	**122**	**134**	**172**	**20**	**2,578**
Delivery Percentage		0%	53%	68%	78%	78%	88%	92%	93%	89%	67%	66%	92%	83%

DISCHARGE IN CUBIC FEET PER SECOND — Total Flow via the Buena Vista Canal Headgate — Year: 2005

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	40	45	34	22	80	127	104	81	60	6	0
2	0	49	53	44	19	98	143	100	84	60	11	0
3	0	48	55	42	33	103	158	96	82	58	11	0
4	0	48	58	42	35	108	159	101	78	42	10	0
5	0	48	56	59	38	110	152	103	76	41	10	0
6	0	48	51	62	45	125	142	91	69	38	10	0
7	0	48	52	59	46	144	131	112	67	43	10	0
8	0	50	56	68	47	157	124	136	67	51	9	0
9	0	55	51	66	44	156	120	137	58	52	8	0
10	0	57	47	62	42	149	120	131	25	51	8	0
11	0	56	39	61	50	138	126	126	27	53	8	0
12	0	50	36	68	58	137	132	129	32	58	8	0
13	0	46	34	89	55	139	128	125	41	53	8	0
14	0	28	39	80	54	140	113	122	49	37	8	0
15	0	27	40	59	55	135	125	118	52	23	9	0
16	0	31	37	43	63	134	131	101	42	27	9	0
17	0	30	32	28	63	127	134	95	39	27	9	0
18	0	32	34	25	62	115	129	102	39	15	9	0
19	0	32	30	23	63	106	132	95	53	15	9	0
20	0	34	28	23	63	96	145	92	54	14	9	0
21	0	41	24	24	63	86	140	92	59	14	9	0
22	0	47	18	31	62	80	133	91	69	14	9	0
23	0	50	17	31	64	77	129	86	68	14	8	0
24	0	53	19	22	74	73	124	75	70	12	0	0
25	0	50	23	22	56	72	111	62	75	6	0	10
26	0	39	29	24	53	73	101	59	78	0	0	10
27	0	39	27	25	56	80	114	57	75	0	0	10
28	13	43	16	22	59	99	130	55	65	0	0	10
29	37	-	18	18	62	112	123	59	60	0	0	9
30	38	-	18	21	64	117	123	62	60	0	0	9
31	28	-	24	-	66	-	114	73	-	0	-	10
TOTAL	116	1,219	1,106	1,277	1,636	3,366	4,013	2,987	1,794	878	205	68
MAXIMUM DAY	38	57	58	89	74	157	159	137	84	60	11	10
MINIMUM DAY	0	27	16	18	19	72	101	55	25	0	0	0
MEAN	4	44	36	43	53	112	129	96	60	28	7	2
TOTAL AC. FT.	230	2,418	2,194	2,533	3,245	6,676	7,960	5,925	3,558	1,742	407	135

WHOLE YEAR:- TOTAL, 18,665 MAX., 159 MIN., 0 MEAN, 51 TOTAL AC.FT., 37,023

KERN DELTA WATER DISTRICT

BUENA VISTA CANAL SERVICE AREA

Quantities in acre-feet

Year: 2005

		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
Kern River Entitlement	+	4,877	4,353	1,426	3,140	5,469	4,126	1,744	567	3,398	2,606	1,778	4,488	37,972
Release	+ or -	(4,779)	(1,378)	1,250	2,083	480	(58)	28	0	(327)	(1,947)	(1,256)	(4,212)	(10,116)
Entitlement + or - Releases	=	**98**	**2,975**	**2,676**	**5,223**	**5,949**	**4,068**	**1,772**	**567**	**3,071**	**659**	**522**	**276**	**27,856**
Into Storage	-	98	2,104	577	2,853	4,465	163	0	0	943	24	18	8	11,253
From Storage	+	0	0	95	163	0	585	5,458	4,122	0	0	0	0	10,423
Via Cawelo Water District	-	0	0	0	0	0	0	0	0	0	0	0	0	0
Via North Kern WSD	-	0	0	0	0	0	0	0	0	0	0	0	0	0
Other	+ or -	0	0	0	0	0	0	0	0	0	0	0	0	0
Transfer in Storage	+ or -	0	0	0	0	0	0	0	0	0	0	0	0	0
Carrier Canal/River Loss	-	0	113	0	0	0	0	0	0	0	0	97	133	343
Diverted at Head of Canal	=	**0**	**758**	**2,194**	**2,533**	**1,484**	**4,490**	**7,230**	**4,689**	**2,128**	**635**	**407**	**135**	**26,683**
From Cawelo Water District	+	0	0	0	0	0	0	0	0	0	0	0	0	0
From North Kern WSD	+	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Utility Supply	=	**0**	**758**	**2,194**	**2,533**	**1,484**	**4,490**	**7,230**	**4,689**	**2,128**	**635**	**407**	**135**	**26,683**
Utility Deliveries		0	526	1,274	1,642	1,095	3,706	6,077	3,809	1,501	435	14	0	20,079
Contract Deliveries		0	0	0	0	0	0	0	0	0	0	0	0	0
Total Irrigation Deliveries	-	**0**	**526**	**1,274**	**1,642**	**1,095**	**3,706**	**6,077**	**3,809**	**1,501**	**435**	**14**	**0**	**20,079**
Canal Conveyance Losses	=	0	232	920	891	389	784	1,153	880	627	200	393	135	6,604
Delivery Percentage		0%	69%	58%	65%	74%	83%	84%	81%	71%	69%	3%	0%	75%

Into Reservoir Storage		98	2,104	577	2,853	4,465	163	0	0	943	24	18	8	11,253
Reservoir Evaporation Loss		8	16	36	58	131	179	177	61	24	24	18	8	740
From Reservoir Storage		0	0	95	163	0	585	5,458	4,122	0	0	0	0	10,423
End of Month Reservoir Storage		**1,500**	**3,588**	**4,034**	**6,666**	**11,000**	**10,399**	**4,764**	**581**	**1,500**	**1,500**	**1,500**	**1,500**	

State Exchange Diverted		0	0	0	0	0	0	0	0	0	73	0	0	73
State Exchange Delivered (Irrigation)		0	0	0	0	0	0	0	0	0	0	0	0	0
State Exchange Delivered (Loss/Spdg.)		0	0	0	0	0	0	0	0	0	73	0	0	73
MWD Water Diverted		0	0	0	0	829	248	178	180	653	589	0	0	2,677
MWD Water Delivered (Irrigation)		0	0	0	0	0	0	0	0	274	348	0	0	622
MWD Water Delivered (Loss/Spreading)		0	0	0	0	829	248	178	180	379	241	0	0	2,055
City of Bakersfield via Buena Vista		0	0	0	0	0	0	0	0	0	0	0	0	0

KERN DELTA WATER DISTRICT
BUENA VISTA CANAL
DISTRIBUTION OF WATER

Quantities in acre-feet

Year: 2005

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
Buena Vista Canal at Headworks	230	2,418	2,194	2,533	3,245	6,676	7,960	5,925	3,558	1,742	407	135	37,023
Buena Vista Canal from Maples Canal	0	167	0	0	0	0	0	0	0	0	0	0	167
TOTAL BUENA VISTA CANAL SUPPLY	**230**	**2,585**	**2,194**	**2,533**	**3,245**	**6,676**	**7,960**	**5,925**	**3,558**	**1,742**	**407**	**135**	**37,190**
Deliveries: Head to Section 17													
Buena Vista Utility	0	526	1,242	966	710	2,442	3,376	2,254	664	85	14	0	12,279
Buena Vista State Exchange (Irrigation)	0	0	0	0	0	0	0	0	0	0	0	0	0
Buena Vista State Exchange (Spreading)	0	0	0	0	0	0	0	0	0	73	0	0	73
Buena Vista MWD Water (Irrigation)	0	0	0	0	0	0	0	0	0	0	0	0	0
Buena Vista MWD Water (Spreading)	0	0	0	0	383	248	178	0	262	236	0	0	1,307
Stine Utility	0	0	0	0	0	0	0	0	0	0	0	0	0
Sub-Total	**0**	**526**	**1,242**	**966**	**1,093**	**2,690**	**3,554**	**2,254**	**926**	**394**	**14**	**0**	**13,659**
Deliveries: At or Below Section 17													
Buena Vista Utility	0	0	32	676	385	1,264	2,701	1,555	837	350	0	0	7,800
Buena Vista State Exchange (Irrigation)	0	0	0	0	0	0	0	0	0	0	0	0	0
Buena Vista MWD Water (Spreading)	0	0	0	0	0	0	0	180	391	353	0	0	924
Stine Utility	0	153	0	0	14	254	314	258	0	0	0	0	993
Stine MWD Water (Irrigation)	0	0	0	0	0	0	0	30	26	0	0	0	56
Stine MWD Water (Spreading)	0	0	0	0	918	359	238	288	752	445	0	0	3,000
Kern Island Utility	36	1,345	0	0	0	1,208	0	480	0	0	0	0	3,069
Kern Island State Exchange	0	0	0	0	0	0	0	0	0	0	0	0	0
Kern Island MWD Water	0	0	0	0	0	0	0	0	0	0	0	0	0
Sub-Total	**36**	**1,498**	**32**	**676**	**1,317**	**3,085**	**3,253**	**2,791**	**2,006**	**1,148**	**0**	**0**	**15,842**
TOTAL DELIVERED	**36**	**2,024**	**1,274**	**1,642**	**2,410**	**5,775**	**6,807**	**5,045**	**2,932**	**1,542**	**14**	**0**	**29,501**
Canal Conveyance Losses	194	561	920	891	835	901	1,153	880	626	200	393	135	7,689
Delivery Percentage	16%	78%	58%	65%	74%	87%	86%	85%	82%	89%	3%	0%	79%
DISTRIBUTION:													
Buena Vista Utility	0	758	2,194	2,533	1,484	4,490	7,230	4,689	2,127	635	407	135	26,682
Buena Vista State Exchange	0	0	0	0	0	0	0	0	0	73	0	0	73
Buena Vista MWD Water	0	0	0	0	829	248	178	180	653	589	0	0	2,677
Stine Utility	0	167	0	0	14	254	314	258	26	0	0	0	1,033
Stine MWD Water	0	0	0	0	918	359	238	318	752	445	0	0	3,030
Kern Island Utility	230	1,660	0	0	0	1,325	0	480	0	0	0	0	3,695
Kern Island State Exchange	0	0	0	0	0	0	0	0	0	0	0	0	0
Kern Island MWD Water	0	0	0	0	0	0	0	0	0	0	0	0	0
Kern River Floodwater	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	**230**	**2,585**	**2,194**	**2,533**	**3,245**	**6,676**	**7,960**	**5,925**	**3,558**	**1,742**	**407**	**135**	**37,190**

DISCHARGE IN CUBIC FEET PER SECOND

Total Flow via the Stine Canal Headgate

Year: 2005

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	0	0	24	14	76	117	139	101	44	29	26
2	0	0	0	23	15	88	115	127	95	49	27	13
3	0	0	0	25	18	91	118	120	87	57	29	13
4	0	0	0	26	16	84	130	118	86	58	28	12
5	0	0	0	29	15	89	138	101	91	60	27	12
6	0	0	0	29	16	105	147	80	88	59	27	12
7	0	0	0	29	15	117	142	105	80	49	23	11
8	0	0	0	25	15	113	138	138	75	44	22	0
9	0	0	19	13	16	95	134	137	66	38	24	0
10	0	0	29	0	17	92	138	136	56	37	21	0
11	0	0	32	0	19	82	160	136	49	46	20	0
12	0	0	38	0	25	83	160	122	53	46	18	6
13	0	0	37	0	27	104	150	100	57	44	18	12
14	0	0	44	0	28	112	133	102	67	32	18	17
15	0	0	39	0	28	117	130	111	69	22	18	18
16	0	0	47	0	30	120	127	106	73	23	18	23
17	0	0	51	0	32	112	128	106	71	23	18	24
18	0	0	51	0	34	104	134	109	71	22	18	31
19	0	0	51	0	34	103	134	107	69	22	18	42
20	0	0	52	0	37	111	134	104	72	23	18	39
21	0	0	50	0	43	112	136	100	70	23	21	37
22	0	0	46	0	49	116	139	101	66	23	28	34
23	0	0	43	0	56	118	134	101	61	23	27	29
24	0	0	34	7	55	120	125	101	55	21	27	22
25	0	0	30	27	64	120	129	101	63	21	39	16
26	0	0	28	33	78	120	132	95	76	29	34	26
27	0	0	30	33	84	126	141	88	71	30	32	25
28	0	0	28	25	71	129	138	96	66	27	31	21
29	0	-	28	21	61	123	138	106	54	23	32	21
30	0	-	28	17	63	118	145	101	48	24	33	18
31	0	-	27	-	68	-	145	102	-	24	-	10
TOTAL	0	0	862	386	1,143	3,200	4,209	3,396	2,106	1,066	743	570
MAXIMUM DAY	0	0	52	33	84	129	160	139	101	60	39	42
MINIMUM DAY	0	0	0	0	14	76	115	80	48	21	18	0
MEAN	0	0	28	13	37	107	136	110	70	34	25	18
TOTAL AC. FT.	0	0	1,710	766	2,267	6,347	8,348	6,736	4,177	2,114	1,474	1,131

WHOLE YEAR:- TOTAL, 17,681 MAX., 160 MIN., 0 MEAN, 48 TOTAL AC.FT., 35,070

DISCHARGE IN CUBIC FEET PER SECOND | Stine via Arvin-Edison Intake Canal | Year: 2005

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

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

KERN DELTA WATER DISTRICT
STINE CANAL SERVICE AREA

Quantities in acre-feet

Year: 2005

		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
River Entitlement	+	6,730	8,158	2,529	3,971	4,836	3,637	2,325	1,063	0	4	0	1,279	34,532
Release	+ or -	(5,224)	(3,919)	2	(20)	(1,097)	(203)	0	0	1,671	1,224	1,371	(198)	(6,393)
Entitlement + or - Releases	=	**1,506**	**4,239**	**2,531**	**3,951**	**3,739**	**3,434**	**2,325**	**1,063**	**1,671**	**1,228**	**1,371**	**1,081**	**28,139**
Into Storage	-	1,506	3,959	254	2,275	1,685	75	0	0	1,063	113	26	8	10,964
From Storage	+	0	0	399	0	0	949	3,486	3,349	483	89	8	0	8,763
Via North Kern WSD	-	0	0	0	0	0	0	0	0	0	0	0	0	0
Via Cawelo Water District	-	0	0	0	0	0	0	0	0	0	0	0	0	0
Transfer in Storage	+ 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	28	89	103	220
Other	+ or -	0	0	0	0	0	0	0	0	0	0	0	0	0
Diverted at Head of Canal	=	**0**	**280**	**2,676**	**1,676**	**2,054**	**4,308**	**5,811**	**4,412**	**1,091**	**1,176**	**1,264**	**970**	**25,718**
From Cawelo Water District	+	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Utility Supply	=	**0**	**280**	**2,676**	**1,676**	**2,054**	**4,308**	**5,811**	**4,412**	**1,091**	**1,176**	**1,264**	**970**	**25,718**
Utility Deliveries		0	218	1,202	787	891	2,789	3,889	2,832	281	575	304	318	14,086
Contract Deliveries		0	0	0	0	0	0	0	0	0	0	0	0	0
Total Irrigation Deliveries	-	**0**	**218**	**1,202**	**787**	**891**	**2,789**	**3,889**	**2,832**	**281**	**575**	**304**	**318**	**14,086**
Canal Conveyance Losses	=	0	62	1,474	889	1,163	1,519	1,922	1,580	810	601	960	652	11,632
Delivery Percentage		0%	78%	45%	47%	43%	65%	67%	64%	26%	49%	24%	33%	55%

Into Reservoir Storage		1,506	3,959	254	2,275	1,685	75	0	0	1,063	113	26	8	10,964
Reservoir Evaporation Loss		6	22	52	75	125	147	145	61	18	24	18	8	701
From Reservoir Storage		0	0	399	0	0	949	3,486	3,349	483	89	8	0	8,763
End of Month Reservoir Storage		**1,500**	**5,437**	**5,240**	**7,440**	**9,000**	**7,979**	**4,348**	**938**	**1,500**	**1,500**	**1,500**	**1,500**	

State Exchange Diverted		0	0	0	0	0	0	0	0	0	26	0	0	26
State Exchange Delivered (Irrigation)		0	0	0	0	0	0	0	0	0	0	0	0	0
State Exchange Delivered (Loss/Spreading)		0	0	0	0	0	0	0	0	0	26	0	0	26
MWD Water Diverted		0	0	0	0	1,347	778	651	1,178	2,249	643	0	0	6,846
MWD Water Delivered (Irrigation)		0	0	0	0	0	0	0	361	906	0	0	0	1,267
MWD Water Delivered (Loss/Spreading)		0	0	0	0	1,347	778	651	817	1,343	643	0	0	5,579
City of Bakersfield via Stine		0	0	0	0	0	0	0	0	0	0	0	0	0

KERN DELTA WATER DISTRICT
FARMERS CANAL SERVICE AREA

Quantities in acre-feet

Year: 2005

		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
River Entitlement	+	6,478	3,679	2,529	3,971	4,836	3,637	2,325	984	0	0	0	867	29,306
Release	+ or -	(4,851)	(552)	(479)	(673)	(2,752)	(816)	(347)	0	1,158	434	198	(668)	(9,348)
Entitlement + or - Releases	=	**1,627**	**3,127**	**2,050**	**3,298**	**2,084**	**2,821**	**1,978**	**984**	**1,158**	**434**	**198**	**199**	**19,958**
Into Storage	-	1,500	1,562	1,433	2,003	87	87	0	79	738	129	16	52	7,686
From Storage	+	0	0	393	0	0	60	1,810	1,753	950	603	28	14	5,611
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	=	**127**	**1,565**	**1,010**	**1,295**	**1,997**	**2,794**	**3,788**	**2,658**	**1,370**	**908**	**210**	**161**	**17,883**
Utility Deliveries		0	699	508	785	1,390	2,213	3,046	2,056	882	338	0	0	11,917
Contract Deliveries		0	0	0	0	0	0	0	0	0	0	0	0	0
Total Irrigation Deliveries	-	**0**	**699**	**508**	**785**	**1,390**	**2,213**	**3,046**	**2,056**	**882**	**338**	**0**	**0**	**11,917**
Canal Conveyance Losses	=	127	866	502	510	607	581	742	602	488	570	210	161	5,966
Delivery Percentage		0%	45%	50%	61%	70%	79%	80%	77%	64%	37%	0%	0%	67%

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
Into Reservoir Storage	1,500	1,562	1,433	2,003	87	87	0	79	738	129	16	52	7,686
Reservoir Evaporation Loss	6	12	30	63	87	99	118	81	33	26	18	8	581
From Reservoir Storage	0	0	393	0	0	60	1,810	1,753	950	603	28	14	5,611
End of Month Reservoir Storage	**1,500**	**3,050**	**4,060**	**6,000**	**6,000**	**5,928**	**4,000**	**2,245**	**2,000**	**1,500**	**1,470**	**1,500**	

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
State Exchange Diverted	0	0	0	0	0	0	0	0	0	12	0	0	12
State Exchange Delivered (Irrigation)	0	0	0	0	0	0	0	0	0	12	0	0	12
State Exchange Delivered (Loss/Spreading)	0	0	0	0	0	0	0	0	0	0	0	0	0
MWD Water Diverted	0	0	0	0	0	0	0	214	656	63	0	0	933
MWD Water Diverted (Irrigation)	0	0	0	0	0	0	0	0	362	0	0	0	362
MWD Water Delivered (Loss/Spreading)	0	0	0	0	0	0	0	214	294	63	0	0	571

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

DISCHARGE IN CUBIC FEET PER SECOND

Year: 2005

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	6	0	0	0	0	0	0	0	0	0	0
2	0	5	0	0	0	0	0	0	0	0	0	0
3	0	6	0	0	0	0	0	0	0	0	0	0
4	0	5	0	0	0	0	0	0	0	0	0	0
5	0	6	0	0	0	0	0	0	0	0	0	0
6	0	5	0	0	0	0	0	0	0	0	0	0
7	0	6	0	0	0	0	0	0	0	0	0	0
8	0	5	0	0	0	0	0	0	0	0	0	0
9	0	6	0	0	0	0	0	0	0	0	0	0
10	0	6	0	0	0	0	0	0	0	0	0	0
11	0	7	0	0	0	0	0	0	0	0	0	0
12	0	7	0	0	0	0	0	0	0	0	0	0
13	0	7	0	0	0	0	0	0	0	0	0	0
14	0	7	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0
29	0	-	0	0	0	0	0	0	0	0	0	0
30	0	-	0	0	0	0	0	0	0	0	0	0
31	0	-	0	-	0	-	0	0	-	0	-	0
TOTAL	0	84	0	0	0	0	0	0	0	0	0	0
MAXIMUM DAY	0	7	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	3	0	0	0	0	0	0	0	0	0	0
TOTAL AC. FT.	0	167	0	0	0	0	0	0	0	0	0	0

WHOLE YEAR:- TOTAL, 84 MAX., 7 MIN., 0 MEAN, 0 TOTAL AC.FT., 167

KERN DELTA WATER DISTRICT

State Aqueduct Exchange Diversion and Storage Recapitulation

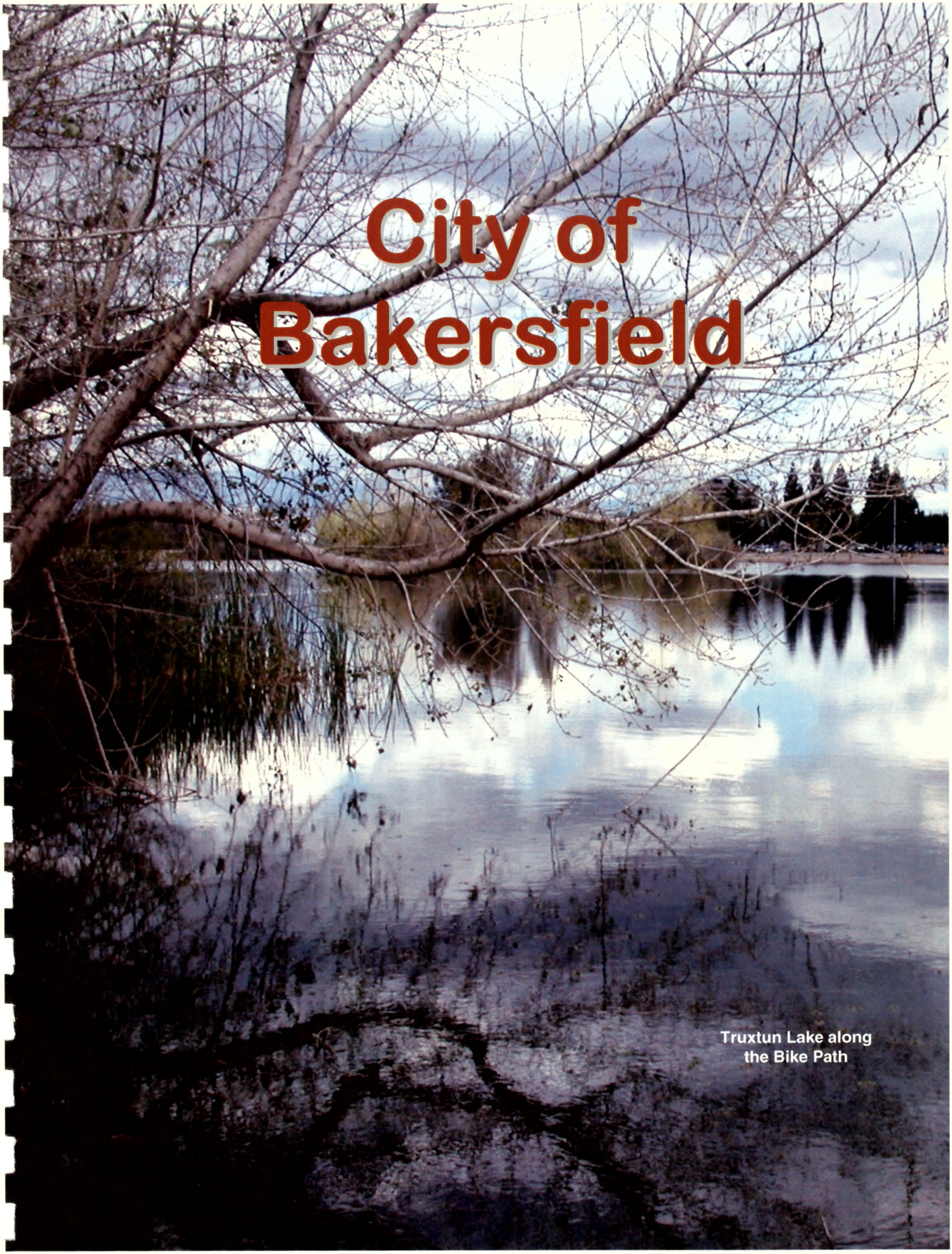
Quantities in acre-feet

Year: 2005

		Kern Island	Eastside	East of Kern Island	Buena Vista	Stine	Farmers	Pioneer Project	For ID4	Via A-EWSD	Carrier Loss	Reservoir Loss	Total	Storage Balance
														2,163
	November	0	0	14	0	0	0	0	0	0	0	0	14	2,149
	December	14	0	99	0	0	0	0	0	0	0	0	113	2,036
2004	January	0	103	0	0	0	0	0	0	341	0	0	444	1,592
Carry	February	133	464	4	0	0	0	0	0	0	0	0	601	991
Over	March	81	438	181	0	0	0	0	0	0	0	2	702	289
	April	171	51	67	0	0	0	0	0	0	0	0	289	0
	Total	**399**	**1,056**	**365**	**0**	**0**	**0**	**0**	**0**	**341**	**0**	**2**	**2,163**	

														23,548
	March	0	0	0	0	0	0	0	0	0	0	0	0	23,548
	April	240	108	204	0	0	0	0	0	0	0	0	552	22,996
	May	0	175	0	0	0	0	0	0	0	0	0	175	22,821
	June	181	295	307	0	0	0	2,975	0	0	0	0	3,758	19,063
2005	July	272	337	448	0	0	0	2,920	0	0	0	0	3,977	15,086
Contract	August	198	32	0	0	0	0	3,074	0	0	0	0	3,304	11,782
	September	200	60	0	0	0	0	3,818	0	0	605	75	4,758	7,024
	October	97	173	0	73	26	12	381	0	0	169	3	934	6,090
	Total	**1,188**	**1,180**	**959**	**73**	**26**	**12**	**13,168**	**0**	**0**	**774**	**78**	**17,458**	

														6,090
2005	November	0	393	0	0	0	0	0	0	0	0	0	393	5,697
Carry	December	6	145	0	0	0	0	0	0	0	0	0	151	5,546
Over	**Total**	**6**	**538**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**544**	



Truxtun Lake along
the Bike Path

KERN RIVER CHANNEL OPERATIONS

CITY OF BAKERSFIELD

Quantities in acre-feet

Year: 2005

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
+	**Kern River at First Point of Measurement**	**33,638**	**32,541**	**35,897**	**37,722**	**84,783**	**189,189**	**186,944**	**135,338**	**76,721**	**58,566**	**34,368**	**29,732**	**935,439**
-	Computed Loss	676	611	676	655	676	655	676	676	655	676	655	676	7,963
-	Beardsley Canal at Head	18,849	12,093	10,110	9,836	25,359	37,470	38,963	37,439	22,740	26,309	21,403	10,917	271,488
-	Carrier Canal at Head	4,520	10,992	18,087	23,296	29,034	34,407	37,422	35,139	19,422	7,006	6,319	7,293	232,937
=	**Rocky Point Weir**	**9,593**	**8,845**	**7,024**	**3,935**	**29,714**	**116,657**	**109,883**	**62,084**	**33,904**	**24,575**	**5,991**	**10,846**	**423,051**
+	Carrier Waste Gate	0	0	0	0	0	0	0	0	0	28	0	0	28
+	Farmers-Stine-Anderson: to River	22	89	18	75	0	0	0	0	0	0	0	0	204
-	Farmers-Stine-Anderson: from River	8,206	6,302	1,777	716	8,231	11,694	16,588	13,589	6,112	2,713	453	0	76,381
-	Calloway Canal at Head	269	1,295	1,575	2,382	3,081	18,559	23,377	7,777	2,952	2,817	1,428	10,274	75,786
-	River Loss: Rocky Point to Calloway Weir	1,140	819	803	878	954	934	851	756	680	686	405	572	9,478
=	**Calloway River Weir**	**0**	**518**	**2,887**	**34**	**17,448**	**85,470**	**69,067**	**39,962**	**24,160**	**18,387**	**3,705**	**0**	**261,638**
+	CVC T.O. #4 to River	1,937	7,984	7,759	7,422	849	0	0	0	0	123	119	3,945	30,138
+	Truxtun Lake to River	0	0	0	0	0	0	0	0	0	0	0	0	0
+	CVC T.O. #3 to River	151	1,611	3,735	1,605	0	646	0	0	0	0	0	1,654	9,402
+	Friant-Kern Inflow	9,749	40,853	36,036	46,461	65,794	11,799	1,365	9,233	12,635	6,443	0	0	240,368
-	River Canal from River	464	3,669	3,078	841	177	22,649	17,409	7,690	4,042	6,010	1,617	40	67,686
-	River Loss: Cally. Weir to River Canal Weir	3,366	8,841	7,825	7,367	6,964	6,541	5,702	5,123	4,727	3,947	1,204	4,169	65,776
=	**River Canal Weir**	**8,007**	**38,456**	**39,514**	**47,314**	**76,950**	**68,725**	**47,321**	**36,382**	**28,026**	**14,996**	**1,003**	**1,390**	**408,084**
+	Pioneer Turnout	5,717	3,344	6,049	4,221	12,131	3,221	3,660	3,543	3,229	3,104	529	198	48,946
-	The Park at River Walk	0	0	0	0	0	0	0	0	0	571	235	198	1,004
+	CVC T.O. #2 to River	2,370	5,159	1,529	506	357	839	1,031	280	325	932	1,379	3,769	18,476
-	Rosedale Channel at Head	2,959	15,552	18,883	18,508	16,677	18,057	17,986	17,933	14,467	6,405	0	0	147,427
-	North Lake Turnout	103	137	173	169	143	170	184	184	179	184	56	8	1,690
-	Pioneer Canal at Head	0	750	0	0	900	292	0	0	0	0	0	0	1,942
-	Berrenda Mesa Pipeline Turnout	865	4,054	5,683	5,443	5,423	4,300	4,372	5,016	4,546	3,011	980	2,116	45,809
-	River Loss: River Canal to Bellevue Weir	2,261	5,086	3,755	3,586	4,278	3,134	2,438	2,128	1,884	1,595	1,230	2,319	33,694
=	**Flow at Bellevue Weir**	**9,906**	**21,380**	**18,598**	**24,335**	**62,017**	**46,832**	**27,032**	**14,944**	**10,504**	**7,266**	**410**	**716**	**243,940**
-	River Loss: Bellevue Weir to ID#4 Boundary	417	793	615	595	902	595	526	460	417	462	234	303	6,319
-	River Loss: ID#4 Boundary to 2800 Acres	417	793	615	595	902	595	526	460	417	462	176	250	6,208
+	CVC T.O. #1 to River	6,050	13,684	14,969	16,136	1,768	8,725	3,711	10,560	9,445	15,860	12,702	10,994	124,604
+	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	2,626	6,926	6,419	3,119	4,786	4,715	4,846	1,426	1,716	3,921	3,638	44,138
-	Pioneer North from 2800 Acres	2,113	7,050	7,174	9,648	19,127	13,180	2,517	1,932	4,507	7,144	1,170	1,682	77,244
-	Kern Water Bank from 2800 Acres	32	434	4,467	7,525	4,391	2,918	0	0	1,781	3,552	0	325	25,425
-	Kern Water Bank Canal at Head	0	0	0	422	9,285	3,917	7,271	2,230	0	0	0	0	23,125
-	River Loss: 2800 Acres to Second Point	0	0	0	0	0	0	0	0	0	0	0	0	0
-	2800 Acre Recharge Facility	12,073	22,335	13,770	14,956	18,788	14,523	13,482	12,020	11,117	9,790	7,611	5,512	155,977
=	**Second Point via Kern River Channel**	**904**	**1,033**	**0**	**311**	**7,271**	**15,043**	**1,706**	**3,556**	**284**	**0**	**0**	**0**	**30,108**

CARRIER CANAL OPERATIONS
CITY OF BAKERSFIELD

Year: 2005

Quantities in acre-feet

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
+ **Carrier Canal at Head**	**4,520**	**10,992**	**18,087**	**23,296**	**29,034**	**34,407**	**37,422**	**35,139**	**19,422**	**7,006**	**6,319**	**7,293**	**232,937**
- Carrier Waste Gate	0	0	0	0	0	0	0	0	0	28	0	0	28
+ Oilfield Discharge	0	0	0	0	0	33	0	0	31	475	158	183	880
- Canal Refill	0	0	0	0	0	0	0	0	0	0	32	0	32
= **Carrier Reclamation Weir**	**4,520**	**10,992**	**18,087**	**23,296**	**29,034**	**34,440**	**37,422**	**35,139**	**19,453**	**7,453**	**6,445**	**7,476**	**233,757**
+ Storm Drain Inflow	79	0	6	0	0	0	0	0	0	0	0	77	162
- Eastside Canal at Head	103	464	1,406	1,626	1,547	2,358	2,668	2,338	1,154	408	510	244	14,826
- Kern Island Canal at Head	4,143	6,734	11,036	14,840	15,352	23,290	24,676	23,213	10,721	5,228	3,751	5,462	148,446
= **Levee No. 1**	**353**	**3,794**	**5,651**	**6,830**	**12,135**	**8,792**	**10,078**	**9,588**	**7,578**	**1,817**	**2,184**	**1,847**	**70,647**
- Farmers-Stine-Anderson: to River	22	89	18	75	0	0	0	0	0	0	0	0	204
+ Farmers-Stine-Anderson: from River	8,206	6,302	1,777	716	8,231	11,694	16,588	13,589	6,112	2,713	453	0	76,381
= **Carrier Canal at Oak Street**	**8,537**	**10,007**	**7,410**	**7,471**	**20,366**	**20,486**	**26,666**	**23,177**	**13,690**	**4,530**	**2,637**	**1,847**	**146,824**
- Stine Canal at Head	0	0	1,710	766	2,267	6,347	8,348	6,736	4,177	2,114	1,474	1,131	35,070
- Carrier to Truxtun Lakes	0	571	458	768	1,049	1,666	1,721	1,721	1,666	893	220	0	10,733
+ Truxtun Lakes to Carrier	0	571	458	768	932	1,487	1,527	1,537	1,487	740	220	0	9,727
- Arvin-Edison Turnout	0	0	0	0	0	0	1,190	4,830	2,085	0	0	0	8,105
- Total Carrier Canal Loss	829	742	535	792	817	872	895	805	636	561	356	423	8,263
+ River Canal from River	464	3,669	3,078	841	177	22,649	17,409	7,690	4,042	6,010	1,617	40	67,686
= **River Canal at Stockdale Highway**	**8,172**	**12,934**	**8,243**	**6,754**	**17,342**	**35,737**	**33,448**	**18,312**	**10,655**	**7,712**	**2,424**	**333**	**162,066**
- Buena Vista Canal at Head	230	2,418	2,194	2,533	3,245	6,676	7,960	5,925	3,558	1,742	407	135	37,023
- Pioneer Turnout	5,717	3,344	6,049	4,221	12,131	3,221	3,660	3,543	3,229	3,104	529	198	48,946
- James Canal at Head	0	0	0	0	0	0	0	0	0	0	0	0	0
+ Pioneer Well Water Production	0	0	0	0	0	0	0	0	0	0	0	0	0
= **River Canal at Alternate Second Point**	**2,225**	**7,172**	**0**	**0**	**1,966**	**25,840**	**21,828**	**8,844**	**3,868**	**2,866**	**1,488**	**0**	**76,097**
+ 2800 Acre Well Water Production	0	0	0	0	0	0	0	0	0	0	0	0	0
+ Berrenda Mesa Well Water Production	0	0	0	0	0	0	0	0	0	0	0	0	0
+ Pioneer Well Water Production	0	0	0	0	0	0	0	0	0	0	0	0	0
+ KWB Well Water Production	0	0	0	0	0	0	0	0	0	0	0	0	0
- Kern Delta WD via River Canal	0	167	0	0	0	0	0	0	0	0	0	0	167
- KCWA via River Canal	0	0	0	0	0	0	0	0	0	0	0	0	0
- Henry Miller WD via River Canal	0	0	0	0	0	0	0	0	0	0	0	0	0
- City of Bakersfield for Buena Vista WSD	0	0	0	0	0	153	208	1,639	0	0	0	0	2,000
- County of Kern	0	0	0	0	0	0	3,001	406	746	0	0	0	4,153
= **Second Point Group Flow via River Canal**	**2,225**	**7,005**	**0**	**0**	**1,966**	**25,687**	**18,619**	**6,799**	**3,122**	**2,866**	**1,488**	**0**	**69,777**

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

Quantities in acre-feet

Year: 2005

		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
River Entitlement	+	4,231	1,107	26,830	27,859	67,229	44,534	29,313	14,638	1,051	1,050	942	1,177	219,961
Release	+	14,022	547	867	623	2,510	389	256	0	128	180	527	486	20,535
ENTITLEMENT + OR - RELEASES	=	**18,253**	**1,654**	**27,697**	**28,482**	**69,739**	**44,923**	**29,569**	**14,638**	**1,179**	**1,230**	**1,469**	**1,663**	**240,496**
NKWSD to City	+	0	0	0	0	0	0	0	0	0	0	0	0	0
From Reservoir Storage	+	0	853	0	0	210	14,545	32,162	14,937	8,170	361	323	697	72,258
Into Reservoir Storage	-	10,221	109	15,649	17,821	34,078	333	0	1,550	0	4	3,942	644	84,351
Other	+ or -	0	0	0	0	0	0	0	0	(3,347)	0	3,936	4	593
TOTAL SUPPLY	=	**8,032**	**2,398**	**12,048**	**10,661**	**35,871**	**59,135**	**61,731**	**28,025**	**6,002**	**1,587**	**1,786**	**1,720**	**228,996**
County of Kern (Above First Point)		22	26	68	91	117	153	186	177	134	98	64	43	1,179
Kern Valley Golf Course		0	0	6	15	20	31	38	29	20	12	5	0	176
California Water Service Company		788	684	892	966	1,129	1,398	1,529	1,689	1,427	1,231	1,218	832	13,783
Olcese Water District		7	5	18	50	73	114	130	140	100	56	34	23	750
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)		34	103	0	0	0	0	0	0	0	0	0	0	137
North Kern WSD (Borrow/Payback)		0	0	0	0	0	0	0	0	0	0	0	0	0
Cawelo WD (Basic Contract)		0	0	1,353	4,441	6,966	6,440	6,400	6,400	0	0	0	0	32,000
Cawelo WD (Miscellaneous)		0	0	0	0	0	2,893	0	0	0	0	0	538	3,431
Kern-Tulare WD (Basic Contract)		0	0	1,626	2,675	3,914	4,130	4,130	4,130	3,095	0	0	0	23,700
Kern-Tulare WD (Miscellaneous)		0	0	0	0	0	0	1,044	0	0	0	0	0	1,044
Rag Gulch WD (Basic Contract)		0	0	244	401	590	620	620	620	455	0	0	0	3,550
Rag Gulch WD (Miscellaneous)		0	0	0	0	0	0	192	0	0	0	0	0	192
Rosedale RBWSD (Basic Contract)		3,431	163	6,134	456	9,816	0	0	0	0	0	0	0	20,000
Rosedale RBWSD (Miscellaneous)		193	0	0	0	1,904	13,293	13,067	0	0	0	0	268	28,725
Rosedale Ranch ID		0	297	655	557	1,517	1,628	2,234	1,973	0	0	279	0	9,140
For Buena Vista WSD		0	0	0	0	0	153	208	1,639	0	0	0	0	2,000
West Kern Water District		0	0	0	0	0	3,231	6,769	0	0	0	0	0	10,000
County of Kern (BVARA)		0	0	0	0	0	0	3,001	406	746	0	0	0	4,153
Kern Delta Water District (Miscellaneous)		0	0	0	0	0	0	0	4	2	0	0	0	6
Kern River Canal & Irrigating Co.		0	0	0	0	0	0	0	0	0	0	0	0	0
Glen Grundeis		0	0	0	0	0	0	0	0	0	0	0	2	2
Michael Harvick		0	0	0	0	0	0	0	0	0	0	0	2	2
Guinn Construction		0	0	0	0	0	0	0	14	24	20	19	9	86
First Point Passing Second Point		0	0	0	0	1,085	0	0	0	0	0	0	0	1,085
2800 Acre Banking		1,458	0	0	0	5,078	14,523	11,508	0	0	0	0	0	32,567
River and Carrier Canal Loss		2,099	1,120	1,052	1,009	3,662	5,528	5,675	804	(1)	170	167	3	21,288
TOTAL DIVERTED	=	**8,032**	**2,398**	**12,048**	**10,661**	**35,871**	**59,135**	**61,731**	**28,025**	**6,002**	**1,587**	**1,786**	**1,720**	**228,996**
Into Reservoir Storage		10,221	109	15,649	17,821	34,078	333	0	1,550	0	4	3,942	644	84,351
Reservoir Evaporation Loss		109	168	321	582	991	1,384	1,258	724	471	325	254	98	6,685
From Reservoir Storage		0	853	0	0	210	14,545	32,162	14,937	8,170	361	323	697	72,258
End of Month Reservoir Storage		**24,535**	**23,623**	**38,951**	**56,190**	**89,067**	**73,471**	**40,051**	**25,940**	**17,299**	**16,617**	**19,982**	**19,831**	

CITY OF BAKERSFIELD
STATUS OF LONG TERM CONTRACTS

Quantities in acre-feet

NORTH KERN WATER STORAGE DISTRICT

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

CAWELO WATER DISTRICT

Year	Basic Contract Amount	Cumulative Contract Amount	Basic Contract Delivered	Cumulative Contract Delivery	Basic Contract Balance
1977	27,000	27,000	5,024	5,024	(21,976)
1978	27,000	54,000	35,404	40,428	(13,572)
1979	27,000	81,000	36,780	77,208	(3,792)
1980	27,000	108,000	30,792	108,000	0
1981	27,000	135,000	27,000	135,000	0
1982	27,000	162,000	27,000	162,000	0
1983	27,000	189,000	27,000	189,000	0
1984	27,000	216,000	27,000	216,000	0
1985	27,000	243,000	27,000	243,000	0
1986	27,000	270,000	27,000	270,000	0
1987	27,000	297,000	27,000	297,000	0
1988	27,000	324,000	12,821	309,821	(14,179)
1989	27,000	351,000	22,460	332,281	(18,719)
1990	27,000	378,000	17,723	350,004	(27,996)
1991	27,000	405,000	29,316	379,320	(25,680)
1992	27,000	432,000	28,868	408,188	(23,812)
1993	27,000	459,000	32,000	440,188	(18,812)
1994	27,000	486,000	23,760	463,948	(22,052)
1995	27,000	513,000	32,000	495,948	(17,052)
1996	27,000	540,000	32,000	527,948	(12,052)
1997	27,000	567,000	32,000	559,948	(7,052)
1998	27,000	594,000	32,000	591,948	(2,052)
1999	27,000	621,000	29,052	621,000	0
2000	27,000	648,000	27,000	648,000	0
2001	27,000	675,000	15,670	663,670	(11,330)
2002	27,000	702,000	18,270	681,940	(20,060)
2003	27,000	729,000	27,115	709,055	(19,945)
2004	27,000	756,000	23,341	732,396	(23,604)
2005	27,000	783,000	32,000	764,396	(18,604)

KERN-TULARE WATER DISTRICT

Year	Basic Contract Amount	Cumulative Contract Amount	Basic Contract Delivered	Cumulative Contract Delivery	Basic Contract Balance
1977	20,000	20,000	4,673	4,673	(15,327)
1978	20,000	40,000	23,690	28,363	(11,637)
1979	20,000	60,000	24,122	52,485	(7,515)
1980	20,000	80,000	23,403	75,888	(4,112)
1981	20,000	100,000	23,700	99,588	(412)
1982	20,000	120,000	20,412	120,000	0
1983	20,000	140,000	4,587	124,587	(15,413)
1984	20,000	160,000	20,000	144,587	(15,413)
1985	20,000	180,000	20,000	164,587	(15,413)
1986	20,000	200,000	20,000	184,587	(15,413)
1987	20,000	220,000	20,000	204,587	(15,413)
1988	20,000	240,000	11,763	216,350	(23,650)
1989	20,000	260,000	16,635	232,985	(27,015)
1990	20,000	280,000	0	232,985	(47,015)
1991	20,000	300,000	20,000	252,985	(47,015)
1992	20,000	320,000	9,089	262,074	(57,926)
1993	20,000	340,000	29,332	291,406	(48,594)
1994	20,000	360,000	18,348	309,754	(50,246)
1995	20,000	380,000	32,733	342,487	(37,513)
1996	20,000	400,000	23,700	366,187	(33,813)
1997	20,000	420,000	23,700	389,887	(30,113)
1998	20,000	440,000	23,700	413,587	(26,413)
1999	20,000	460,000	23,700	437,287	(22,713)
2000	20,000	480,000	20,000	457,287	(22,713)
2001	20,000	500,000	11,610	468,897	(31,103)
2002	20,000	520,000	8,659	477,556	(42,444)
2003	20,000	540,000	20,000	497,556	(42,444)
2004	20,000	560,000	12,412	509,968	(50,032)
2005	20,000	580,000	23,700	533,668	(46,332)

RAG GULCH WATER DISTRICT

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

CITY OF BAKERSFIELD

Deliveries to Long Term Contractors

Basic Contract

Quantities in acre-feet

Year: 2005

	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	1,353	1,353	1,626	1,626	244	244	3,223	3,223
April	0	0	4,441	5,794	2,675	4,301	401	645	7,517	10,740
May	0	0	6,966	12,760	3,914	8,215	590	1,235	11,470	22,210
June	5,000	5,000	6,440	19,200	4,130	12,345	620	1,855	16,190	38,400
July	5,000	10,000	6,400	25,600	4,130	16,475	620	2,475	16,150	54,550
August	10,000	20,000	6,400	32,000	4,130	20,605	620	3,095	21,150	75,700
September	0	20,000	0	32,000	3,095	23,700	455	3,550	3,550	79,250
October	0	20,000	0	32,000	0	23,700	0	3,550	0	79,250
November	0	20,000	0	32,000	0	23,700	0	3,550	0	79,250
December	0	20,000	0	32,000	0	23,700	0	3,550	0	79,250
Year Total	**20,000**		**32,000**		**23,700**		**3,550**		**79,250**	

DISCHARGE IN CUBIC FEET PER SECOND

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

Year: 2005

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

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

DISCHARGE IN CUBIC FEET PER SECOND

City of Bakersfield Diverted to North Kern WSD
(Miscellaneous)

Year: 2005

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	4	0	0	0	0	0	0	0	0	0	0	0
2	5	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	3	0	0	0	0	0	0	0	0	0	0	0
6	5	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	8	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	10	0	0	0	0	0	0	0	0	0	0
23	0	15	0	0	0	0	0	0	0	0	0	0
24	0	11	0	0	0	0	0	0	0	0	0	0
25	0	8	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0
29	0	-	0	0	0	0	0	0	0	0	0	0
30	0	-	0	0	0	0	0	0	0	0	0	0
31	0	-	0	-	0	-	0	0	-	0	-	0
TOTAL	17	52	0	0	0	0	0	0	0	0	0	0
MAXIMUM DAY	5	15	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	1	2	0	0	0	0	0	0	0	0	0	0
TOTAL AC. FT.	34	103	0	0	0	0	0	0	0	0	0	0

WHOLE YEAR:- TOTAL, 69 MAX., 15 MIN., 0 MEAN, 0 TOTAL AC.FT., 137

DISCHARGE IN CUBIC FEET PER SECOND

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

Year: 2005

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

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

CAWELO WATER DISTRICT OPERATIONS

Quantities in acre-feet

Year: 2005

			Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
+	**Cawelo WD via Pump Station "B"**		**0**	**914**	**1,383**	**4,383**	**6,508**	**11,282**	**12,131**	**10,406**	**6,932**	**4,469**	**2,352**	**708**	**61,468**
	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	143	274	264	65	0	0	0	746
	Lerdo Delivery Gate No. 8-0-15	+	0	0	0	0	0	0	0	0	0	0	0	0	0
	Lerdo Delivery Gate No. 8-0-22	+	0	0	58	65	56	182	230	131	95	153	0	0	970
	Lerdo Delivery Gate No. 8-0-25	+	0	0	50	20	38	73	87	87	69	0	24	0	448
	Lerdo Delivery Gate No. 8-0-100	+	0	0	12	6	6	6	0	10	6	0	0	0	46
	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	+	6	18	67	89	125	192	222	170	74	85	20	0	1,068
	Lerdo Delivery Gate No. 8-0-291	+	0	22	73	99	136	157	286	274	198	75	77	0	1,397
	Lerdo Delivery Gate No. 8-0-292	+	0	2	8	16	20	28	30	28	16	16	4	2	170
	Lerdo Delivery Gate No. 8-23-006	+	0	0	0	0	0	0	0	0	0	0	0	0	0
+	**Total Lerdo Gate Deliveries**	=	**6**	**42**	**268**	**295**	**381**	**781**	**1,129**	**964**	**523**	**329**	**125**	**2**	**4,845**
	Beardsley Canal Loss	+	2	32	61	60	61	60	61	61	60	61	60	34	613
	Lerdo Loss	+	0	10	20	50	73	127	141	121	79	52	26	6	705
+	Total Loss	=	2	42	81	110	134	187	202	182	139	113	86	40	1,318
+	Via North Kern WSD		472	0	513	0	0	0	0	0	0	0	0	0	985
=	**Total Diverted for Cawelo WD**		**480**	**998**	**2,245**	**4,788**	**7,023**	**12,250**	**13,462**	**11,552**	**7,594**	**4,911**	**2,563**	**750**	**68,616**
	Cawelo Water District Source of Supply:														
+	City of Bakersfield Basic Contract		0	0	1,353	4,441	6,966	6,440	6,400	6,400	0	0	0	0	32,000
+	City of Bakersfield Miscellaneous		0	0	0	0	0	2,893	0	0	0	0	0	538	3,431
+	City of Bakersfield Non-Kern River		0	0	32	143	16	8	461	10	0	4	0	0	674
+	Rosedale-Rio Bravo WSD Exchange		472	0	0	0	0	0	0	0	0	0	0	0	472
+	Kern River Canal & Irrigating Company		0	0	0	0	0	0	0	0	0	0	0	0	0
+	Sunview Vineyards Well		0	0	0	0	0	0	0	0	0	0	0	0	0
+	Paramount Farming Company Well		0	0	0	0	0	0	0	0	0	0	0	0	0
+	Buena Vista WSD State Exchange		0	0	0	0	0	2,894	6,020	5,119	4,980	4,897	2,563	212	26,685
+	North Kern WSD Exchange		8	8	0	0	0	0	0	0	2,614	0	0	0	2,630
+	Improvement District #4 Exchange		0	0	0	0	0	0	0	0	0	0	0	0	0
+	via CVC Conduit "A"		0	990	860	0	0	0	0	0	0	0	0	0	1,850
+	North Kern WSD Non-Kern River		0	0	0	204	41	15	581	23	0	10	0	0	874
=	**Total Cawelo Water District Supply**		**480**	**998**	**2,245**	**4,788**	**7,023**	**12,250**	**13,462**	**11,552**	**7,594**	**4,911**	**2,563**	**750**	**68,616**

DISCHARGE IN CUBIC FEET PER SECOND — Cawelo Water District Total Diverted via Beardsley-Lerdo Canal System — Year: 2005

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	0	4	46	24	232	232	232	178	98	73	23
2	0	0	7	41	39	202	244	222	164	98	48	22
3	0	0	3	42	97	206	196	210	146	103	49	22
4	0	0	30	42	152	195	216	209	137	83	47	0
5	4	0	30	48	152	172	210	193	141	48	46	0
6	0	0	25	50	86	197	209	215	149	42	46	0
7	0	0	64	45	24	208	218	203	182	42	47	22
8	0	46	98	67	24	210	219	194	187	45	46	23
9	0	47	94	67	81	182	208	187	181	74	54	23
10	0	47	94	67	40	190	183	192	153	76	57	22
11	0	47	49	71	41	182	224	193	149	110	57	22
12	0	47	26	86	43	179	240	188	144	119	49	22
13	0	44	27	89	54	198	238	195	144	114	50	22
14	0	44	27	87	49	209	219	191	150	113	46	22
15	0	31	26	87	39	231	227	187	110	105	35	22
16	0	23	38	41	123	225	231	183	105	102	35	22
17	0	23	38	49	148	219	215	176	72	115	28	22
18	0	24	34	70	181	194	224	165	72	113	29	23
19	0	23	32	98	177	188	223	172	105	106	29	22
20	0	23	26	94	181	196	234	184	104	107	28	22
21	0	23	26	123	164	232	240	187	103	83	59	0
22	35	8	27	121	149	219	230	177	104	76	65	0
23	51	0	27	121	181	219	232	177	103	45	65	0
24	42	0	27	127	190	192	214	175	107	45	29	0
25	37	0	25	92	206	200	215	173	107	77	29	0
26	37	0	24	127	206	199	192	182	109	76	29	0
27	36	0	24	126	124	222	192	183	111	76	30	0
28	0	3	31	123	85	223	216	168	108	52	29	0
29	0	-	51	85	81	226	215	171	104	45	29	0
30	0	-	49	82	193	229	217	170	100	42	29	0
31	0	-	49	-	207	-	214	170	-	46	-	0
TOTAL	242	503	1,132	2,414	3,541	6,176	6,787	5,824	3,829	2,476	1,292	378
MAXIMUM DAY	51	47	98	127	207	232	244	232	187	119	73	23
MINIMUM DAY	0	0	3	41	24	172	183	165	72	42	28	0
MEAN	8	18	37	80	114	206	219	188	128	80	43	12
TOTAL AC. FT.	480	998	2,245	4,788	7,023	12,250	13,462	11,552	7,594	4,911	2,563	750

WHOLE YEAR:- TOTAL, 34,594 MAX., 244 MIN., 0 MEAN, 95 TOTAL AC.FT., 68,616

DISCHARGE IN CUBIC FEET PER SECOND

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

Year: 2005

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	0	4	46	22	232	232	232	0	0	0	0
2	0	0	7	41	39	202	244	222	0	0	0	0
3	0	0	3	42	97	206	164	210	0	0	0	0
4	0	0	16	42	152	195	176	209	0	0	0	0
5	0	0	7	48	152	172	182	193	0	0	0	0
6	0	0	2	50	86	197	183	215	0	0	0	0
7	0	0	2	45	24	208	187	203	0	0	0	0
8	0	0	9	67	24	210	188	194	0	0	0	0
9	0	0	5	67	81	182	176	187	0	0	0	0
10	0	0	5	67	38	190	153	192	0	0	0	0
11	0	0	4	71	41	182	194	193	0	0	0	0
12	0	0	26	86	43	179	213	188	0	0	0	0
13	0	0	27	89	53	198	213	194	0	0	0	0
14	0	0	27	87	48	209	184	190	0	0	0	0
15	0	0	26	87	38	231	202	187	0	0	0	0
16	0	0	38	41	122	224	202	183	0	0	0	0
17	0	0	38	49	147	30	134	34	0	0	0	0
18	0	0	34	68	180	0	0	0	0	0	0	0
19	0	0	32	82	176	0	0	0	0	0	0	0
20	0	0	26	67	180	0	0	0	0	0	0	0
21	0	0	26	87	161	0	0	0	0	0	0	0
22	0	0	27	93	148	0	0	0	0	0	0	0
23	0	0	27	89	181	0	0	0	0	0	0	0
24	0	0	27	113	190	0	0	0	0	0	0	0
25	0	0	23	90	206	0	0	0	0	0	0	0
26	0	0	19	124	206	0	0	0	0	0	0	0
27	0	0	18	123	124	0	0	0	0	0	0	0
28	0	0	29	119	83	0	0	0	0	0	0	0
29	0	-	50	81	78	0	0	0	0	0	0	0
30	0	-	49	78	185	0	0	0	0	0	0	0
31	0	-	49	-	207	-	0	0	-	0	-	0
TOTAL	0	0	682	2,239	3,512	3,247	3,227	3,226	0	0	0	0
MAXIMUM DAY	0	0	50	124	207	232	244	232	0	0	0	0
MINIMUM DAY	0	0	2	41	22	0	0	0	0	0	0	0
MEAN	0	0	22	75	113	108	104	104	0	0	0	0
TOTAL AC. FT.	0	0	1,353	4,441	6,966	6,440	6,400	6,400	0	0	0	0

WHOLE YEAR:- TOTAL, 16,133 MAX., 244 MIN., 0 MEAN, 44 TOTAL AC.FT., 32,000

DISCHARGE IN CUBIC FEET PER SECOND

City of Bakersfield Diverted to Cawelo Water District
(Miscellaneous)

Year: 2005

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	5
9	0	0	0	0	0	0	0	0	0	0	0	23
10	0	0	0	0	0	0	0	0	0	0	0	22
11	0	0	0	0	0	0	0	0	0	0	0	22
12	0	0	0	0	0	0	0	0	0	0	0	22
13	0	0	0	0	0	0	0	0	0	0	0	22
14	0	0	0	0	0	0	0	0	0	0	0	22
15	0	0	0	0	0	0	0	0	0	0	0	22
16	0	0	0	0	0	0	0	0	0	0	0	22
17	0	0	0	0	0	94	0	0	0	0	0	22
18	0	0	0	0	0	96	0	0	0	0	0	23
19	0	0	0	0	0	94	0	0	0	0	0	22
20	0	0	0	0	0	98	0	0	0	0	0	22
21	0	0	0	0	0	115	0	0	0	0	0	0
22	0	0	0	0	0	107	0	0	0	0	0	0
23	0	0	0	0	0	110	0	0	0	0	0	0
24	0	0	0	0	0	96	0	0	0	0	0	0
25	0	0	0	0	0	100	0	0	0	0	0	0
26	0	0	0	0	0	99	0	0	0	0	0	0
27	0	0	0	0	0	110	0	0	0	0	0	0
28	0	0	0	0	0	112	0	0	0	0	0	0
29	0	-	0	0	0	113	0	0	0	0	0	0
30	0	-	0	0	0	114	0	0	0	0	0	0
31	0	-	0	-	0	-	0	0	-	0	-	0
TOTAL	0	0	0	0	0	1,458	0	0	0	0	0	271
MAXIMUM DAY	0	0	0	0	0	115	0	0	0	0	0	23
MINIMUM DAY	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	49	0	0	0	0	0	9
TOTAL AC. FT.	0	0	0	0	0	2,893	0	0	0	0	0	538

WHOLE YEAR:- TOTAL, 1,729 MAX., 115 MIN., 0 MEAN, 5 TOTAL AC.FT., 3,431

DISCHARGE IN CUBIC FEET PER SECOND

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

Year: 2005

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	0	0	0	1	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	14	0	0	0	0	0
4	0	0	0	0	0	0	18	0	0	0	0	0
5	0	0	0	0	0	0	12	0	0	0	0	0
6	0	0	0	0	0	0	11	0	0	0	0	0
7	0	0	0	0	0	0	14	0	0	0	0	0
8	0	0	0	0	0	0	14	0	0	0	0	0
9	0	0	0	0	0	0	14	0	0	0	0	0
10	0	0	0	0	1	0	13	0	0	0	0	0
11	0	0	0	0	0	0	13	0	0	0	0	0
12	0	0	0	0	0	0	12	0	0	0	0	0
13	0	0	0	0	0	0	11	0	0	0	0	0
14	0	0	0	0	0	0	16	0	0	0	0	0
15	0	0	0	0	0	0	11	0	0	0	0	0
16	0	0	0	0	0	0	13	0	0	0	0	0
17	0	0	0	0	0	0	13	1	0	0	0	0
18	0	0	0	1	0	1	12	0	0	0	0	0
19	0	0	0	6	0	0	12	2	0	0	0	0
20	0	0	0	12	0	0	8	1	0	2	0	0
21	0	0	0	16	1	1	1	1	0	0	0	0
22	0	0	0	12	0	1	0	0	0	0	0	0
23	0	0	0	14	0	0	0	0	0	0	0	0
24	0	0	0	5	0	0	0	0	0	0	0	0
25	0	0	2	1	0	0	0	0	0	0	0	0
26	0	0	5	1	0	0	0	0	0	0	0	0
27	0	0	6	1	0	1	0	0	0	0	0	0
28	0	0	2	1	1	0	0	0	0	0	0	0
29	0	-	1	1	1	0	0	0	0	0	0	0
30	0	-	0	1	3	0	0	0	0	0	0	0
31	0	-	0	-	0	-	0	0	-	0	-	0
TOTAL	0	0	16	72	8	4	232	5	0	2	0	0
MAXIMUM DAY	0	0	6	16	3	1	18	2	0	2	0	0
MINIMUM DAY	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	1	2	0	0	7	0	0	0	0	0
TOTAL AC. FT.	0	0	32	143	16	8	461	10	0	4	0	0

WHOLE YEAR:- TOTAL, 339 MAX., 18 MIN., 0 MEAN, 1 TOTAL AC.FT., 674

DISCHARGE IN CUBIC FEET PER SECOND

Buena Vista WSD Diverted via Cawelo Water District
(Kern River/SWP Exchange)

Year: 2005

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	0	0	0	0	0	0	0	89	98	73	23
2	0	0	0	0	0	0	0	0	82	98	48	22
3	0	0	0	0	0	0	0	0	73	103	49	22
4	0	0	0	0	0	0	0	0	68	83	47	0
5	0	0	0	0	0	0	0	0	71	48	46	0
6	0	0	0	0	0	0	0	0	74	42	46	0
7	0	0	0	0	0	0	0	0	91	42	47	22
8	0	0	0	0	0	0	0	0	94	45	46	18
9	0	0	0	0	0	0	0	0	90	74	54	0
10	0	0	0	0	0	0	0	0	77	76	57	0
11	0	0	0	0	0	0	0	0	74	110	57	0
12	0	0	0	0	0	0	0	0	72	119	49	0
13	0	0	0	0	0	0	0	0	72	114	50	0
14	0	0	0	0	0	0	0	0	75	113	46	0
15	0	0	0	0	0	0	0	0	55	105	35	0
16	0	0	0	0	0	0	0	0	53	102	35	0
17	0	0	0	0	0	95	52	140	36	115	28	0
18	0	0	0	0	0	95	197	164	36	113	29	0
19	0	0	0	0	0	94	196	165	69	106	29	0
20	0	0	0	0	0	98	215	181	104	100	28	0
21	0	0	0	0	0	115	238	185	103	83	59	0
22	0	0	0	0	0	108	230	177	104	76	65	0
23	0	0	0	0	0	109	232	177	103	45	65	0
24	0	0	0	0	0	96	214	175	107	45	29	0
25	0	0	0	0	0	100	215	173	107	77	29	0
26	0	0	0	0	0	100	192	182	109	76	29	0
27	0	0	0	0	0	110	192	183	111	76	30	0
28	0	0	0	0	0	111	216	168	108	52	29	0
29	0	-	0	0	0	113	215	171	104	45	29	0
30	0	-	0	0	0	115	217	170	100	42	29	0
31	0	-	0	-	0	-	214	170	-	46	-	0
TOTAL	0	0	0	0	0	1,459	3,035	2,581	2,511	2,469	1,292	107
MAXIMUM DAY	0	0	0	0	0	115	238	185	111	119	73	23
MINIMUM DAY	0	0	0	0	0	0	0	0	36	42	28	0
MEAN	0	0	0	0	0	49	98	83	84	80	43	3
TOTAL AC. FT.	0	0	0	0	0	2,894	6,020	5,119	4,980	4,897	2,563	212

WHOLE YEAR:- TOTAL, 13,454 MAX., 238 MIN., 0 MEAN, 37 TOTAL AC.FT., 26,685

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

Quantities in acre-feet

Year: 2005

			Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
+	**Total Basic Contract Diverted**	+	**0**	**0**	**1,870**	**3,076**	**4,504**	**4,750**	**4,750**	**4,750**	**3,550**	**0**	**0**	**0**	**27,250**
	Kern-Tulare Water District	-	0	0	1,626	2,675	3,914	4,130	4,130	4,130	3,095	0	0	0	23,700
	Rag Gulch Water District	=	0	0	244	401	590	620	620	620	455	0	0	0	3,550
+	**Total Misc. Quantity Diverted**	+	**0**	**0**	**0**	**0**	**0**	**0**	**1,236**	**0**	**0**	**0**	**0**	**0**	**1,236**
	Kern-Tulare Water District	-	0	0	0	0	0	0	1,044	0	0	0	0	0	1,044
	Rag Gulch Water District	=	0	0	0	0	0	0	192	0	0	0	0	0	192
=	**Total Diverted**		**0**	**0**	**1,870**	**3,076**	**4,504**	**4,750**	**5,986**	**4,750**	**3,550**	**0**	**0**	**0**	**28,486**
	via Calloway Canal	+	0	0	1,575	2,382	2,974	3,525	3,977	3,493	2,952	0	0	0	20,878
	River Transportation Loss/Spreading	+	0	0	295	694	1,413	1,046	579	1,073	419	0	0	0	5,519
	Carrier Canal Recharge	+	0	0	0	0	117	179	194	184	179	0	0	0	853
	via Berrenda Mesa Pipeline Turnout	+	0	0	0	0	0	0	0	0	0	0	0	0	0
	via Cawelo Water District	+	0	0	0	0	0	0	0	0	0	0	0	0	0
	via North Kern Water Storage District	+	0	0	0	0	0	0	0	0	0	0	0	0	0
	Isabella Reservoir Evaporation Loss	+	0	0	0	0	0	0	0	0	0	0	0	0	0
-	**Total Diverted to I.D. #4**	=	**0**	**0**	**1,870**	**3,076**	**4,504**	**4,750**	**4,750**	**4,750**	**3,550**	**0**	**0**	**0**	**27,250**
	Kern-Tulare Water District	-	0	0	1,626	2,675	3,914	4,130	4,130	4,130	3,095	0	0	0	23,700
	Rag Gulch Water District	=	0	0	244	401	590	620	620	620	455	0	0	0	3,550
	via Arvin-Edison Turnout	+	0	0	0	0	0	0	1,190	0	0	0	0	0	1,190
	Canal Transportation Loss	+	0	0	0	0	0	0	46	0	0	0	0	0	46
-	**Total Diverted to Arvin-Edison T.O.**	=	**0**	**0**	**0**	**0**	**0**	**0**	**1,236**	**0**	**0**	**0**	**0**	**0**	**1,236**
	Kern-Tulare Water District	-	0	0	0	0	0	0	1,044	0	0	0	0	0	1,044
	Rag Gulch Water District	=	0	0	0	0	0	0	192	0	0	0	0	0	192
=	**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

DISCHARGE IN CUBIC FEET PER SECOND

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

Year: 2005

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	0	20	35	46	149	124	153	118	0	0	0
2	0	0	22	38	43	127	114	224	121	0	0	0
3	0	0	20	42	47	114	109	235	106	0	0	0
4	0	0	18	31	49	110	129	89	46	0	0	0
5	0	0	19	34	37	108	81	44	49	0	0	0
6	0	0	21	43	31	99	57	55	55	0	0	0
7	0	0	19	35	37	104	59	56	45	0	0	0
8	0	0	25	36	33	77	59	52	51	0	0	0
9	0	0	27	42	32	43	59	50	46	0	0	0
10	0	0	28	40	34	51	57	53	43	0	0	0
11	0	0	31	43	44	53	53	49	42	0	0	0
12	0	0	30	44	50	48	58	49	46	0	0	0
13	0	0	32	48	51	59	63	50	34	0	0	0
14	0	0	24	55	48	57	57	45	46	0	0	0
15	0	0	34	50	52	58	56	48	50	0	0	0
16	0	0	33	54	54	57	57	45	41	0	0	0
17	0	0	32	52	44	50	58	50	49	0	0	0
18	0	0	31	45	51	47	59	52	42	0	0	0
19	0	0	40	49	58	45	59	50	50	0	0	0
20	0	0	24	51	58	56	60	52	44	0	0	0
21	0	0	26	50	47	58	63	53	42	0	0	0
22	0	0	21	53	90	57	65	48	48	0	0	0
23	0	0	25	44	142	61	58	52	44	0	0	0
24	0	0	20	49	190	57	59	58	49	0	0	0
25	0	0	28	45	167	53	63	62	43	0	0	0
26	0	0	36	48	161	53	57	50	43	0	0	0
27	0	0	24	57	60	57	55	52	34	0	0	0
28	0	0	26	49	57	60	60	54	40	0	0	0
29	0	-	28	44	50	60	62	55	47	0	0	0
30	0	-	25	43	53	54	55	47	47	0	0	0
31	0	-	31	-	58	-	57	50	-	0	-	0
TOTAL	0	0	820	1,349	1,974	2,082	2,082	2,082	1,561	0	0	0
MAXIMUM DAY	0	0	40	57	190	149	129	235	121	0	0	0
MINIMUM DAY	0	0	18	31	31	43	53	44	34	0	0	0
MEAN	0	0	26	45	64	69	67	67	52	0	0	0
TOTAL AC. FT.	0	0	1,626	2,675	3,914	4,130	4,130	4,130	3,095	0	0	0

WHOLE YEAR:- TOTAL, 11,950 MAX., 235 MIN., 0 MEAN, 33 TOTAL AC.FT., 23,700

City of Bakersfield Diverted for Kern-Tulare WD

DISCHARGE IN CUBIC FEET PER SECOND (Miscellaneous) Year: 2005

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	20	0	0	0	0	0
7	0	0	0	0	0	0	56	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	44	0	0	0	0	0
12	0	0	0	0	0	0	143	0	0	0	0	0
13	0	0	0	0	0	0	34	0	0	0	0	0
14	0	0	0	0	0	0	154	0	0	0	0	0
15	0	0	0	0	0	0	75	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0
29	0	-	0	0	0	0	0	0	0	0	0	0
30	0	-	0	0	0	0	0	0	0	0	0	0
31	0	-	0	-	0	-	0	0	-	0	-	0
TOTAL	0	0	0	0	0	0	526	0	0	0	0	0
MAXIMUM DAY	0	0	0	0	0	0	154	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	17	0	0	0	0	0
TOTAL AC. FT.	0	0	0	0	0	0	1,044	0	0	0	0	0

WHOLE YEAR:- TOTAL, 526 MAX., 154 MIN., 0 MEAN, 1 TOTAL AC.FT., 1,044

DISCHARGE IN CUBIC FEET PER SECOND

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

Year: 2005

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	0	3	5	7	22	19	23	17	0	0	0
2	0	0	3	6	7	19	17	34	17	0	0	0
3	0	0	3	6	7	17	16	35	15	0	0	0
4	0	0	3	5	7	16	20	15	7	0	0	0
5	0	0	3	5	5	16	13	7	7	0	0	0
6	0	0	3	6	5	15	8	8	7	0	0	0
7	0	0	3	5	6	15	9	8	7	0	0	0
8	0	0	4	5	5	10	9	8	7	0	0	0
9	0	0	4	6	5	7	9	7	7	0	0	0
10	0	0	4	6	5	8	9	8	7	0	0	0
11	0	0	4	7	7	8	8	7	6	0	0	0
12	0	0	4	7	7	7	9	7	7	0	0	0
13	0	0	5	7	8	9	9	7	5	0	0	0
14	0	0	4	8	7	9	8	7	7	0	0	0
15	0	0	5	8	8	9	8	7	7	0	0	0
16	0	0	5	8	8	9	8	7	6	0	0	0
17	0	0	5	8	7	8	9	7	7	0	0	0
18	0	0	4	7	8	7	9	8	6	0	0	0
19	0	0	6	7	9	7	9	8	7	0	0	0
20	0	0	4	8	9	8	9	8	7	0	0	0
21	0	0	4	7	7	9	10	8	6	0	0	0
22	0	0	3	8	13	8	10	7	7	0	0	0
23	0	0	4	7	21	9	9	8	7	0	0	0
24	0	0	3	7	28	9	9	9	7	0	0	0
25	0	0	4	7	25	8	9	9	7	0	0	0
26	0	0	5	7	24	8	8	8	7	0	0	0
27	0	0	4	8	9	9	8	8	5	0	0	0
28	0	0	4	7	9	9	9	8	6	0	0	0
29	0	-	4	7	7	9	9	8	7	0	0	0
30	0	-	4	7	8	8	8	7	7	0	0	0
31	0	-	5	-	9	-	9	7	-	0	-	0
TOTAL	0	0	123	202	297	312	313	313	229	0	0	0
MAXIMUM DAY	0	0	6	8	28	22	20	35	17	0	0	0
MINIMUM DAY	0	0	3	5	5	7	8	7	5	0	0	0
MEAN	0	0	4	7	10	10	10	10	8	0	0	0
TOTAL AC. FT.	0	0	244	401	590	620	620	620	455	0	0	0

WHOLE YEAR:- TOTAL, 1,789 MAX., 35 MIN., 0 MEAN, 5 TOTAL AC.FT., 3,550

DISCHARGE IN CUBIC FEET PER SECOND

City of Bakersfield Diverted for Rag Gulch WD
(Miscellaneous)

Year: 2005

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	3	0	0	0	0	0
7	0	0	0	0	0	0	10	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	8	0	0	0	0	0
12	0	0	0	0	0	0	26	0	0	0	0	0
13	0	0	0	0	0	0	6	0	0	0	0	0
14	0	0	0	0	0	0	30	0	0	0	0	0
15	0	0	0	0	0	0	14	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0
29	0	-	0	0	0	0	0	0	0	0	0	0
30	0	-	0	0	0	0	0	0	0	0	0	0
31	0	-	0	-	0	-	0	0	-	0	-	0
TOTAL	0	0	0	0	0	0	97	0	0	0	0	0
MAXIMUM DAY	0	0	0	0	0	0	30	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	3	0	0	0	0	0
TOTAL AC. FT.	0	0	0	0	0	0	192	0	0	0	0	0

WHOLE YEAR:- TOTAL, 97 MAX., 30 MIN., 0 MEAN, 0 TOTAL AC.FT., 192

IMPROVEMENT DISTRICT NO. 4
KERN RIVER SUPPLY AND DIVERSION RECAP

(Does not include deliveries into Isabella Reservoir storage)

Quantities in acre-feet

YEAR: 2005

			Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	Treatment Plant via Calloway Canal	+	177	1116	1394	2142	2743	3299	3739	3248	2731	2426	1305	0	24320
	Calloway Canal Operational Losses	+	38	157	171	184	203	226	238	223	193	175	109	0	1917
	Calloway Canal Below "99"	+	54	22	10	56	28	0	0	613	28	216	14	0	1041
	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	=	269	1295	1575	2382	2974	3525	3977	4084	2952	2817	1428	0	27278
+	KRC&I Co. #1 Ditch Spreading		0	0	0	0	0	0	0	0	0	0	0	0	0
+	KRC&I Co. #1 Ditch to Cally. Spreading		0	0	0	0	0	0	0	0	0	0	0	0	0
	Truxtun Lakes	+	0	0	0	0	117	179	194	184	179	153	0	0	1006
	Arvin-Edison WSD Turnout	+	0	0	0	0	0	0	0	4511	1124	0	0	0	5635
	Carrier Canal Loss/Spdg.	+	0	0	0	0	0	0	0	0	0	0	0	0	0
+	Sub-total via Carrier Canal	=	0	0	0	0	117	179	194	4695	1303	153	0	0	6641
	River Loss/Spdg. Above Cally. Weir	+	12	264	295	694	432	425	387	756	680	686	405	0	5036
	River Spreading Below Cally. Weir	+	0	0	0	0	1937	3481	3633	6197	6238	5881	1670	0	29037
+	Sub-total River Loss/Spreading	=	12	264	295	694	2369	3906	4020	6953	6918	6567	2075	0	34073
+	Via Pioneer North		0	0	0	0	0	0	0	0	0	0	0	0	0
+	The Park at River Walk		0	0	0	0	0	0	0	0	0	0	0	0	0
+	Via Berrenda Mesa Pipeline		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
=	**Improvement District #4 Total Diverted**		**281**	**1559**	**1870**	**3076**	**5460**	**7610**	**8191**	**15732**	**11173**	**9537**	**3503**	**0**	**67992**
	Kern-Tulare WD Basic Contract	+	0	0	1626	2675	3914	4130	4130	4130	3095	0	0	0	23700
	Rag Gulch WD Basic Contract	+	0	0	244	401	590	620	620	620	455	0	0	0	3550
+	Sub-total K-TWD/RGWD Basic Contract	=	0	0	1870	3076	4504	4750	4750	4750	3550	0	0	0	27250
	Kern-Tulare WD 2005 Miscellaneous	+	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rag Gulch WD 2005 Miscellaneous	+	0	0	0	0	0	0	0	0	0	0	0	0	0
+	Sub-total K-TWD/RGWD '05 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")		281	1559	0	0	0	0	0	0	0	0	0	0	1840
+	North Kern WSD Exchange (Category "B")		0	0	0	0	956	2860	3441	3312	0	0	0	0	10569
+	North Kern WSD Exchange (Nickel LLC)		0	0	0	0	0	0	0	1624	1468	0	0	0	3092
+	Rosedale RBWSD Exchange		0	0	0	0	0	0	0	0	0	0	0	0	0
+	BVWSD SWP Exchange		0	0	0	0	0	0	0	0	0	0	0	0	0
+	BVWSD 2800 Acre Well Exchange		0	0	0	0	0	0	0	0	0	0	0	0	0
+	Cawelo WD Exchange		0	0	0	0	0	0	0	0	0	0	0	0	0
+	Hacienda WD Exchange		0	0	0	0	0	0	0	0	0	0	0	0	0
=	**Improvement District #4 Total Supply**		**281**	**1559**	**1870**	**3076**	**5460**	**7610**	**8191**	**15732**	**11173**	**9537**	**3503**	**0**	**67992**

Total Flow via the Rosedale Channel at Head (All Sources)

DISCHARGE IN CUBIC FEET PER SECOND (Diverted from Kern River Channel) Year: 2005

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	0	305	315	301	283	307	291	239	240	0	0
2	0	111	296	314	291	292	306	307	239	240	0	0
3	0	252	295	314	287	304	308	326	230	243	0	0
4	0	262	301	314	287	310	308	308	241	244	0	0
5	0	290	305	314	287	311	297	314	254	254	0	0
6	0	302	290	314	277	310	297	315	253	249	0	0
7	0	313	294	315	262	311	303	312	252	248	0	0
8	0	315	299	318	251	312	303	314	252	250	0	0
9	0	307	300	320	247	317	301	312	250	250	0	0
10	0	304	302	320	247	316	301	313	246	145	0	0
11	53	308	308	317	248	319	306	312	237	49	0	0
12	182	311	309	320	247	317	313	304	237	49	0	0
13	201	306	309	322	245	312	315	296	238	49	0	0
14	154	299	310	318	245	308	321	302	237	49	0	0
15	174	302	311	311	245	308	310	295	246	44	0	0
16	173	304	310	307	257	308	277	295	246	39	0	0
17	168	296	311	308	270	307	274	292	242	39	0	0
18	155	306	313	309	278	316	275	287	243	38	0	0
19	148	304	311	314	283	326	272	293	244	35	0	0
20	84	298	313	317	286	317	271	293	245	34	0	0
21	0	298	318	321	289	295	275	294	247	34	0	0
22	0	301	318	317	286	283	278	295	239	34	0	0
23	0	296	310	309	288	290	284	295	243	35	0	0
24	0	296	306	292	291	290	289	295	243	35	0	0
25	0	290	308	300	284	291	289	288	242	56	0	0
26	0	279	312	305	273	290	291	277	245	73	0	0
27	0	284	319	304	267	284	283	254	246	72	0	0
28	0	307	306	299	270	286	278	244	240	71	0	0
29	0	-	305	293	270	293	277	243	238	31	0	0
30	0	-	309	290	275	298	274	243	240	0	0	0
31	0	-	317	-	274	-	285	232	-	0	-	0
TOTAL	1,492	7,841	9,520	9,331	8,408	9,104	9,068	9,041	7,294	3,229	0	0
MAXIMUM DAY	201	315	319	322	301	326	321	326	254	254	0	0
MINIMUM DAY	0	0	290	290	245	283	271	232	230	0	0	0
MEAN	48	280	307	311	271	303	293	292	243	104	0	0
TOTAL AC. FT.	2,959	15,552	18,883	18,508	16,677	18,057	17,986	17,933	14,467	6,405	0	0

WHOLE YEAR:- TOTAL, 74,328 MAX., 326 MIN., 0 MEAN, 204 TOTAL AC.FT., 147,427

DISCHARGE IN CUBIC FEET PER SECOND

City of Bakersfield Diverted for Rosedale-Rio Bravo Water Storage District
(Per terms of CWD/City/RRBWSD Letter Agreement dated January 26, 2005)

Year: 2005

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	35	0	0	0	0	0	0	0	0	0	0	0
23	51	0	0	0	0	0	0	0	0	0	0	0
24	42	0	0	0	0	0	0	0	0	0	0	0
25	37	0	0	0	0	0	0	0	0	0	0	0
26	37	0	0	0	0	0	0	0	0	0	0	0
27	36	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0
29	0	-	0	0	0	0	0	0	0	0	0	0
30	0	-	0	0	0	0	0	0	0	0	0	0
31	0	-	0	-	0	-	0	0	-	0	-	0
TOTAL	238	0	0	0	0	0	0	0	0	0	0	0
MAXIMUM DAY	51	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	8	0	0	0	0	0	0	0	0	0	0	0
TOTAL AC. FT.	472	0	0	0	0	0	0	0	0	0	0	0

WHOLE YEAR:- TOTAL, 238 MAX., 51 MIN., 0 MEAN, 1 TOTAL AC.FT., 472

ROSEDALE RIO BRAVO WATER STORAGE DISTRICT

Hydrographic and Accounting Report by City of Bakersfield

Quantities in acre-feet

Year: 2005

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
	(a)	(b)	(c)	(d)	(e)		(f) Basic Contract		(g) Miscellaneous		(h) Other Supply				
	Friant-Kern Inflow	Friant-Kern Delivered	SWP Inflow	SWP Delivered	River Canal Transportation Charge on Column 2	Total Kern River Delivered	No Charge (1st 4000) acre-feet	acre-feet Sold at $1.00	acre-feet Sold at $6.00	acre-feet Sold at $21.00	Kern River Floodwater	Buena Vista WSD Kern River Exchange	Buena Vista WSD Friant-Kern Exchange	K-TWD Friant-Kern Exchange	A-EWSD Friant-Kern Exchange
January	11,020	0	0	0	0	3,624	3,431	0	193	0	0	0	0	6,230	4,790
February	45,828	15,389	0	0	0	163	163	0	0	0	0	0	0	17,132	28,696
March	32,813	13,039	0	0	0	8,486	406	5,728	0	0	0	2,352	0	7,106	25,707
April	28,586	16,409	0	0	0	2,099	184	272	0	0	0	1,643	180	4,770	23,636
May	6,288	3,955	0	0	0	12,722	3,816	6,000	1,904	0	0	1,002	3,869	86	2,333
June	2,460	2,460	0	0	0	15,597	0	0	13,293	0	0	2,304	2,460	0	0
July	0	0	0	0	0	17,986	0	0	13,067	0	0	4,919	0	0	0
August	9,233	3,501	0	0	0	14,432	0	0	0	0	0	14,432	0	9,233	0
September	12,635	2,961	0	0	0	11,506	0	0	0	0	0	11,506	0	12,635	0
October	6,443	2,912	0	0	0	3,493	0	0	0	0	0	3,493	0	6,443	0
November	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
December	0	0	0	0	0	7,560	0	0	(i) 7,560	0	0	0	0	0	0
Total	155,306	60,626	0	0	0	97,668	8,000	12,000	36,017	0	0	41,651	6,509	63,635	85,162

4.775	= Current Escalator =	4.775	0	0	2004
$0.00	= Totals =	$57,300.00	169	0	2003 *Preceding Four*
	(per 1961 Agreement)		1,946	0	2002 *Years*
			795	0	2001
			38,927	0	*Five Year Totals*
			7,785	0	*Five Year Averages*
			2.621	2.621	*Current Escalator*
			$15.73	$55.04	*Current Price per acre-foot*
			$122,458.05	$0.00	*Five Year Average Sales*
			$122,458.05		*May 31, 2006 Payment*

Notes :
(a) As charged RRBWSD by U.S.B.R.
(b) Column 1 less transportation losses.
(c) As charged RRBWSD by KCWA.
(d) Column 3 less transportation losses.
(e) $0.10 per acre-foot escalated annually (31.6 = 1-82 base index).
(f) $1.00 per acre-foot escalated annually (31.6 = 1-82 base index) after the first 4,000 AcFt of each successive 10,000 acre-feet delivered.
(g) Subject to annual escalation per 1976 agreement (62.8 = 1-82 base index).
(h) Delivered during periods of Kern River Mandatory Release when designated by U.S. Army Corps of Engineers.
(i) Includes 7,292 acre-feet of banked water transfer.

ROSEDALE RBWSD DIVERSION RECAPITULATION

Includes Friant-Kern deliveries off the Cross Valley Canal; Does not include banked water transfers...

Quantities in acre-feet

YEAR: 2005

		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
Rosedale Channel at Headgate	+	2,959	15,552	18,883	18,508	16,677	18,057	17,986	17,933	14,467	6,405	0	0	147,427
City for Others	-	0	0	0	0	0	0	0	0	0	0	0	0	0
for Rosedale RBWSD	=	**2,959**	**15,552**	**18,883**	**18,508**	**16,677**	**18,057**	**17,986**	**17,933**	**14,467**	**6,405**	**0**	**0**	**147,427**
- City Contract Water		2,959	163	3,492	456	11,720	13,293	13,067	0	0	0	0	0	45,150
= Other Water		0	15,389	15,391	18,052	4,957	4,764	4,919	17,933	14,467	6,405	0	0	102,277
via Berrenda Mesa Pipeline	+	0	652	5,544	0	0	0	0	2,390	1,799	0	0	0	10,385
via 2800 Acres to Central Pioneer	+	0	2,626	6,926	3,982	168	0	0	1,629	653	0	0	0	15,984
via 2800 Acres to North Pioneer	+	20	2,116	2,546	1,195	62	0	0	0	2,911	2,252	0	0	11,102
via 2800 Acres to Kern Water Bank	+	0	137	4,080	0	0	0	0	0	1,781	1,279	0	0	7,277
via Pioneer Canal Inlet	+	0	750	0	0	0	0	0	0	0	0	0	0	750
via North Lake	+	103	137	173	163	91	0	0	83	90	0	0	0	840
The Lakes at River Walk Park	+	0	0	0	0	0	0	0	0	0	0	0	158	158
Carrier Canal Recharge	+	0	0	0	0	0	0	0	0	0	0	0	110	110
2800 Acre Spreading (Gross)	+	5,377	11,977	2,554	4,671	0	0	0	579	1,541	0	0	0	26,699
Kern River Channel Spreading	+	4,809	11,011	593	2,166	2,012	0	0	1,051	899	0	0	0	22,541
Kern River Channel at 2nd Point	+	904	1,033	0	0	0	0	0	0	0	0	0	0	1,937
For Cawelo Water District	+	472	0	0	0	0	0	0	0	0	0	0	0	472
For Improvement District #4	+	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Diverted	=	**14,644**	**45,991**	**41,299**	**30,685**	**19,010**	**18,057**	**17,986**	**23,665**	**24,141**	**9,936**	**0**	**268**	**245,682**

City of Bakersfield Basic Contract	+	3,431	163	6,134	456	9,816	0	0	0	0	0	0	0	20,000
City of Bakersfield Miscellaneous	+	193	0	0	0	1,904	13,293	13,067	0	0	0	0	268	28,725
Hacienda WD Exchange	+	0	0	0	0	0	0	0	0	0	0	0	0	0
Buena Vista WSD Exchange	+	0	0	2,352	1,823	4,871	4,764	4,919	14,432	11,506	3,493	0	0	48,160
Improvement District #4	+	0	0	0	0	0	0	0	0	0	0	0	0	0
Kern-Tulare WD Exchange	+	6,230	17,132	7,106	4,770	86	0	0	9,233	12,635	6,443	0	0	63,635
Arvin-Edison WSD Exchange	+	4,790	28,696	25,707	23,636	2,333	0	0	0	0	0	0	0	85,162
Total Supply	=	**14,644**	**45,991**	**41,299**	**30,685**	**19,010**	**18,057**	**17,986**	**23,665**	**24,141**	**9,936**	**0**	**268**	**245,682**

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

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

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

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

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

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

Quantities in acre-feet

Year: 2005

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
City Entitlement + or - Release	**18,253**	**1,654**	**27,697**	**28,482**	**69,739**	**44,923**	**29,569**	**14,638**	**1,179**	**1,230**	**1,469**	**1,663**	**240,496**
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	1,353	4,441	6,966	6,440	6,400	6,400	0	0	0	0	32,000
Kern-Tulare Water District	0	0	1,626	2,675	3,914	4,130	4,130	4,130	3,095	0	0	0	23,700
Rag Gulch Water District	0	0	244	401	590	620	620	620	455	0	0	0	3,550
Rosedale Rio Bravo WSD	3,431	163	6,134	456	9,816	0	0	0	0	0	0	0	20,000
Kern River Canal & Irrigating Co.	0	0	0	0	0	0	0	0	0	0	0	0	0
Truxtun Lakes	0	0	0	0	0	0	0	0	0	0	0	0	0
First Point Passing Second Point	0	0	0	0	1,085	0	0	0	0	0	0	0	1,085
Transportation Loss Assignment	0	0	0	0	0	0	0	0	3,347	0	0	0	3,347
Isabella Reservoir Loss	109	168	321	582	991	1,384	1,258	724	471	325	254	98	6,685
River Transportation Loss	2,099	1,120	1,052	1,009	3,662	5,528	5,675	804	(1)	170	167	3	21,288
Total Basic Commitments	**5,655**	**1,467**	**10,774**	**9,624**	**27,101**	**23,207**	**23,210**	**22,799**	**7,458**	**560**	**463**	**127**	**132,445**

Total City Miscellaneous Water.....	**108,051**
Rosedale Rio Bravo WSD 1/3 Share.....	**36,017**

Misc. Water Delivered to RRBWSD	193	0	0	0	1,904	13,293	13,067	0	0	0	0	7,560	36,017
Del. under Art.11,Sec. 2.1 (i)(7)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Misc. Delivered to RRBWSD	**193**	**0**	**0**	**0**	**1,904**	**13,293**	**13,067**	**0**	**0**	**0**	**0**	**7,560**	**36,017**

Over (Under) City Miscellaneous Water Obligation.....	**0**
Prior Year Miscellaneous Water Delivery Balance.....	**(16,682)**
Cumulative Miscellaneous Water Delivery Balance.....	**(16,682)**

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

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

Quantities in acre-feet

Year: 2005

		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
Kern River Entitlement	+	2,487	486	2,345	3,445	11,508	8,452	2,551	48	0	0	0	153	31,475
Release	+ or -	4,925	(86)	(79)	0	311	0	0	0	0	0	0	1,008	6,079
ENTITLEMENT + OR - RELEASE	=	**7,412**	**400**	**2,266**	**3,445**	**11,819**	**8,452**	**2,551**	**48**	**0**	**0**	**0**	**1,161**	**37,554**
Oilfield Discharge	+	0	0	97	0	0	0	0	0	0	0	0	0	97
From City of Bakersfield	+	0	0	0	0	0	0	0	0	0	0	0	0	0
From NKWSD	+	0	0	0	0	0	0	0	0	0	0	0	0	0
Into Isabella Storage	-	6,660	254	1,108	1,720	7,713	5,140	956	16	0	0	0	1,115	24,682
From Isabella Storage	+	0	58	34	0	0	0	129	754	545	306	414	4	2,244
To City of Bakersfield	-	0	0	0	0	0	0	0	0	0	0	0	0	0
To NKWSD in Isabella Storage	-	0	0	16	119	6	0	0	0	0	0	0	0	141
DIVERTED AT HEAD	=	**752**	**204**	**1,273**	**1,606**	**4,100**	**3,312**	**1,724**	**786**	**545**	**306**	**414**	**50**	**15,072**
Irrigation Deliveries	-	2	45	497	557	517	641	796	631	432	242	303	2	4,665
NKWSD at Seventh Standard Line	-	746	146	688	914	3,447	2,535	766	14	0	0	0	46	9,302
Cawelo WD at Pump Station "B"	-	0	0	0	0	0	0	0	0	0	0	0	0	0
Spreading Deliveries	-	0	0	0	0	0	0	0	0	0	0	0	0	0
Canal Loss	=	4	13	88	135	136	136	162	141	113	64	111	2	1,105
Irrigation Delivery Percentage		99%	94%	93%	92%	97%	96%	91%	82%	79%	79%	73%	96%	93%

Into Isabella Storage		6,660	254	1,108	1,720	7,713	5,140	956	16	0	0	0	1,115	24,682
Isabella Evaporation Loss		16	46	69	103	182	330	504	524	419	309	234	91	2,827
From Isabella Storage		0	58	34	0	0	0	129	754	545	306	414	4	2,244
Transfer in Storage		0	0	0	0	0	0	0	0	0	0	0	0	0
End of Month Isabella Storage		**6,644**	**6,794**	**7,799**	**9,416**	**16,947**	**21,757**	**22,080**	**20,818**	**19,854**	**19,239**	**18,591**	**19,611**	

SOUTH FORK DIVERSION RIGHT SUMMARY

Quantities in acre-feet

Year: 2005

		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
Kern River Entitlement	+	603	556	177	286	341	250	159	73	555	555	481	603	4,639
Release	+ or -	(603)	(284)	(83)	204	292	125	63	0	66	89	143	(603)	(591)
Entitlement + or - Releases	=	**0**	**272**	**94**	**490**	**633**	**375**	**222**	**73**	**621**	**644**	**624**	**0**	**4,048**
Into Isabella Storage	-	0	272	94	490	633	339	208	63	597	630	624	0	3,950
From Isabella Storage	+	0	0	0	0	0	2	4	8	0	0	0	0	14
Other	+ or -	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Deliveries	=	**0**	**0**	**0**	**0**	**0**	**38**	**18**	**18**	**24**	**14**	**0**	**0**	**112**
Old South Fork		0	0	0	0	0	0	0	0	0	0	0	0	0
Panama Ranch		0	0	0	0	0	38	18	18	24	14	0	0	112

Into Isabella Storage		0	272	94	490	633	339	208	63	597	630	624	0	3,950
From Isabella Storage		0	0	0	0	0	2	4	8	0	0	0	0	14
Transfer in Storage		0	0	0	0	0	0	0	0	0	0	3,936	0	3,936
End of Month Isabella Storage		**600**	**872**	**966**	**1,456**	**2,089**	**2,426**	**2,630**	**2,685**	**3,282**	**3,912**	**600**	**600**	

DISCHARGE IN CUBIC FEET PER SECOND — City of Bakersfield Diverted to California Water Service Company — Year: 2005

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	15	15	13	15	16	22	25	28	26	24	20	16
2	14	13	13	14	17	23	25	27	27	23	20	14
3	12	14	15	15	19	22	24	27	26	20	19	6
4	14	15	13	17	18	23	24	27	27	21	19	14
5	14	15	14	15	16	22	25	28	25	23	22	14
6	14	13	13	16	17	24	24	29	27	23	22	3
7	14	13	13	16	16	25	24	29	25	24	20	15
8	15	13	13	16	16	24	25	27	24	20	20	6
9	13	15	14	15	17	24	24	27	24	20	21	14
10	14	14	14	14	16	25	23	27	25	23	22	14
11	6	14	14	16	16	23	25	28	26	22	21	13
12	12	11	14	18	20	24	25	27	24	21	18	12
13	12	10	14	17	19	26	24	29	24	22	16	16
14	14	2	13	15	16	23	26	26	19	21	22	15
15	12	3	17	16	17	23	26	27	26	21	24	14
16	13	5	16	18	16	25	25	26	24	21	21	15
17	14	16	16	16	16	23	25	28	25	20	22	15
18	13	11	17	18	17	23	28	27	23	20	21	14
19	13	13	16	17	16	24	28	28	25	8	20	16
20	14	12	17	16	20	23	27	28	24	18	22	14
21	13	13	16	18	21	21	26	29	22	19	21	14
22	12	13	16	19	20	19	22	28	23	19	22	16
23	13	14	16	16	19	23	14	28	23	8	21	16
24	7	13	15	16	21	25	17	27	24	22	21	13
25	12	14	14	17	21	25	25	27	23	17	20	15
26	14	14	13	16	21	24	28	28	23	22	17	13
27	12	14	13	17	22	24	27	28	20	20	18	14
28	12	13	14	17	21	25	27	27	17	20	21	15
29	14	-	14	15	21	24	28	28	24	20	20	14
30	13	-	15	16	21	24	27	26	25	20	21	15
31	13	-	15	-	20	-	28	26	-	19	-	14
TOTAL	397	345	450	487	569	705	771	852	720	621	614	419
MAXIMUM DAY	15	16	17	19	22	26	28	29	27	24	24	16
MINIMUM DAY	6	2	13	14	16	19	14	26	17	8	16	3
MEAN	13	12	15	16	18	24	25	27	24	20	20	14
TOTAL AC. FT.	788	684	892	966	1,129	1,398	1,529	1,689	1,427	1,231	1,218	832

WHOLE YEAR:- TOTAL, 6,950 MAX., 29 MIN., 2 MEAN, 19 TOTAL AC.FT., 13,783

DISCHARGE IN CUBIC FEET PER SECOND

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

Year: 2005

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	0	0	1	1	2	2	3	2	1	1	0
2	0	0	1	0	1	1	2	2	2	1	0	0
3	0	0	0	1	1	2	2	2	1	1	1	0
4	1	0	0	0	1	2	2	3	2	1	1	1
5	0	0	0	1	1	2	2	2	2	1	0	0
6	0	0	1	0	1	2	2	2	1	1	1	0
7	0	1	0	1	1	2	2	3	2	1	1	1
8	0	0	0	0	1	2	2	2	2	1	0	0
9	0	0	0	1	1	2	3	2	1	1	1	1
10	0	0	1	0	1	2	2	3	2	1	1	0
11	0	0	0	1	1	2	2	2	2	1	0	0
12	0	1	0	1	1	2	2	2	1	1	1	1
13	1	0	0	1	1	2	2	3	2	1	1	0
14	0	0	1	1	1	2	2	2	2	1	0	0
15	0	0	0	1	1	1	2	2	1	1	1	1
16	0	0	0	1	1	2	2	2	2	1	1	0
17	0	0	0	1	1	2	3	3	2	1	0	1
18	0	0	1	1	1	2	2	2	1	0	1	0
19	0	0	0	1	1	2	2	2	2	1	1	1
20	0	0	0	1	2	2	2	2	2	1	0	0
21	1	0	0	1	1	2	2	3	1	1	1	1
22	0	0	1	1	2	2	2	2	2	1	1	0
23	0	0	0	1	1	2	2	2	2	0	0	1
24	0	0	0	1	2	1	3	2	1	1	0	0
25	0	0	1	1	1	2	2	3	2	1	0	0
26	0	0	0	1	2	2	2	2	2	1	0	1
27	0	0	0	1	1	2	2	2	1	1	1	0
28	1	0	1	1	2	2	2	2	2	0	0	1
29	0	-	0	1	1	2	3	3	2	1	1	0
30	0	-	0	1	2	2	2	2	1	1	0	0
31	0	-	1	-	1	-	2	2	-	1	-	1
TOTAL	4	2	9	25	37	57	66	71	50	28	17	12
MAXIMUM DAY	1	1	1	1	2	2	3	3	2	1	1	1
MINIMUM DAY	0	0	0	0	1	1	2	2	1	0	0	0
MEAN	0	0	0	1	1	2	2	2	2	1	1	0
TOTAL AC. FT.	7	5	18	50	73	114	130	140	100	56	34	23

WHOLE YEAR:- TOTAL, 378 MAX., 3 MIN., 0 MEAN, 1 TOTAL AC.FT., 750

DISCHARGE IN CUBIC FEET PER SECOND — City of Bakersfield Diverted to Kern Valley Golf Course — Year: 2005

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	0	0	0	0	1	0	0	1	0	0	0
2	0	0	0	1	1	0	1	1	0	0	0	0
3	0	0	0	0	0	1	1	0	0	1	0	0
4	0	0	0	0	0	0	0	1	1	0	1	0
5	0	0	0	0	1	1	1	0	0	0	0	0
6	0	0	0	1	0	0	1	1	0	0	0	0
7	0	0	0	0	0	1	0	0	1	0	0	0
8	0	0	1	0	1	0	1	1	0	1	0	0
9	0	0	0	0	0	1	1	0	0	0	0	0
10	0	0	0	0	0	0	0	1	1	0	0	0
11	0	0	0	1	1	1	1	0	0	0	0	0
12	0	0	0	0	0	0	0	1	0	0	1	0
13	0	0	0	0	0	1	1	0	0	1	0	0
14	0	0	0	0	0	0	1	1	1	0	0	0
15	0	0	0	0	1	1	0	0	0	0	0	0
16	0	0	0	1	0	0	1	1	0	0	0	0
17	0	0	1	0	0	1	1	0	1	0	0	0
18	0	0	0	0	1	0	0	1	0	0	0	0
19	0	0	0	1	0	1	1	0	0	0	0	0
20	0	0	0	0	0	0	1	1	0	1	0	0
21	0	0	0	0	1	1	0	0	1	0	0	0
22	0	0	0	1	0	1	1	1	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	1	1	1	1	1	0	0	0
25	0	0	0	1	0	0	1	0	0	1	0	0
26	0	0	1	0	0	1	0	1	0	0	0	0
27	0	0	0	0	1	0	1	0	1	0	0	0
28	0	0	0	1	0	1	0	0	0	0	0	0
29	0	-	0	0	0	0	1	1	0	0	0	0
30	0	-	0	0	1	1	0	0	1	1	0	0
31	0	-	0	-	0	-	1	0	-	0	-	0
TOTAL	0	0	3	8	10	16	19	14	10	6	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	0	0	1	1	0	0	0	0	0
TOTAL AC. FT.	0	0	6	15	20	31	38	29	20	12	5	0

WHOLE YEAR:- TOTAL, 88 MAX., 1 MIN., 0 MEAN, 0 TOTAL AC.FT., 176

City of Bakersfield Diverted to County of Kern

DISCHARGE IN CUBIC FEET PER SECOND (Pursuant to City/County Letter Agreement dated April 1, 2005) Year: 2005

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	0	0	0	0	0	49	5	50	0	0	0
2	0	0	0	0	0	0	49	5	26	0	0	0
3	0	0	0	0	0	0	48	5	21	0	0	0
4	0	0	0	0	0	0	49	5	21	0	0	0
5	0	0	0	0	0	0	48	5	21	0	0	0
6	0	0	0	0	0	0	49	5	21	0	0	0
7	0	0	0	0	0	0	49	5	21	0	0	0
8	0	0	0	0	0	0	49	5	21	0	0	0
9	0	0	0	0	0	0	49	5	21	0	0	0
10	0	0	0	0	0	0	49	5	21	0	0	0
11	0	0	0	0	0	0	48	5	21	0	0	0
12	0	0	0	0	0	0	49	5	21	0	0	0
13	0	0	0	0	0	0	49	5	33	0	0	0
14	0	0	0	0	0	0	49	5	23	0	0	0
15	0	0	0	0	0	0	49	5	23	0	0	0
16	0	0	0	0	0	0	49	5	11	0	0	0
17	0	0	0	0	0	0	48	5	0	0	0	0
18	0	0	0	0	0	0	49	5	0	0	0	0
19	0	0	0	0	0	0	49	5	0	0	0	0
20	0	0	0	0	0	0	49	5	0	0	0	0
21	0	0	0	0	0	0	49	5	0	0	0	0
22	0	0	0	0	0	0	49	5	0	0	0	0
23	0	0	0	0	0	0	49	5	0	0	0	0
24	0	0	0	0	0	0	49	5	0	0	0	0
25	0	0	0	0	0	0	48	13	0	0	0	0
26	0	0	0	0	0	0	49	12	0	0	0	0
27	0	0	0	0	0	0	49	12	0	0	0	0
28	0	0	0	0	0	0	49	12	0	0	0	0
29	0	-	0	0	0	0	49	12	0	0	0	0
30	0	-	0	0	0	0	49	12	0	0	0	0
31	0	-	0	-	0	-	48	12	-	0	-	0
TOTAL	0	0	0	0	0	0	1,513	205	376	0	0	0
MAXIMUM DAY	0	0	0	0	0	0	49	13	50	0	0	0
MINIMUM DAY	0	0	0	0	0	0	48	5	0	0	0	0
MEAN	0	0	0	0	0	0	49	7	13	0	0	0
TOTAL AC. FT.	0	0	0	0	0	0	3,001	406	746	0	0	0

WHOLE YEAR:- TOTAL, 2,094 MAX., 50 MIN., 0 MEAN, 6 TOTAL AC.FT., 4,153

DISCHARGE IN CUBIC FEET PER SECOND

City of Bakersfield Diverted to West Kern Water District
(Per terms of City/WKWD letter agreement dated March 18, 2005)

Year: 2005

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	0	0	0	0	0	118	0	0	0	0	0
2	0	0	0	0	0	0	124	0	0	0	0	0
3	0	0	0	0	0	0	118	0	0	0	0	0
4	0	0	0	0	0	0	105	0	0	0	0	0
5	0	0	0	0	0	0	111	0	0	0	0	0
6	0	0	0	0	0	0	113	0	0	0	0	0
7	0	0	0	0	0	0	120	0	0	0	0	0
8	0	0	0	0	0	0	120	0	0	0	0	0
9	0	0	0	0	0	0	119	0	0	0	0	0
10	0	0	0	0	0	0	120	0	0	0	0	0
11	0	0	0	0	0	0	114	0	0	0	0	0
12	0	0	0	0	0	0	127	0	0	0	0	0
13	0	0	0	0	0	0	134	0	0	0	0	0
14	0	0	0	0	0	0	97	0	0	0	0	0
15	0	0	0	0	0	0	96	0	0	0	0	0
16	0	0	0	0	0	0	94	0	0	0	0	0
17	0	0	0	0	0	0	96	0	0	0	0	0
18	0	0	0	0	0	75	103	0	0	0	0	0
19	0	0	0	0	0	149	123	0	0	0	0	0
20	0	0	0	0	0	171	123	0	0	0	0	0
21	0	0	0	0	0	160	123	0	0	0	0	0
22	0	0	0	0	0	156	123	0	0	0	0	0
23	0	0	0	0	0	118	126	0	0	0	0	0
24	0	0	0	0	0	122	127	0	0	0	0	0
25	0	0	0	0	0	122	129	0	0	0	0	0
26	0	0	0	0	0	114	129	0	0	0	0	0
27	0	0	0	0	0	103	129	0	0	0	0	0
28	0	0	0	0	0	106	128	0	0	0	0	0
29	0	-	0	0	0	116	124	0	0	0	0	0
30	0	-	0	0	0	117	0	0	0	0	0	0
31	0	-	0	-	0	-	0	0	-	0	-	0
TOTAL	0	0	0	0	0	1,629	3,413	0	0	0	0	0
MAXIMUM DAY	0	0	0	0	0	171	134	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	54	110	0	0	0	0	0
TOTAL AC. FT.	0	0	0	0	0	3,231	6,769	0	0	0	0	0

WHOLE YEAR:- TOTAL, 5,042 MAX., 171 MIN., 0 MEAN, 14 TOTAL AC.FT., 10,000

DISCHARGE IN CUBIC FEET PER SECOND

City of Bakersfield Diverted to Buena Vista Water Storage District
(Per terms of City/BVWSD letter agreement dated June 29, 2005)

Year: 2005

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	0	0	0	0	0	0	50	0	0	0	0
2	0	0	0	0	0	0	0	50	0	0	0	0
3	0	0	0	0	0	0	0	50	0	0	0	0
4	0	0	0	0	0	0	0	50	0	0	0	0
5	0	0	0	0	0	0	0	50	0	0	0	0
6	0	0	0	0	0	0	0	50	0	0	0	0
7	0	0	0	0	0	0	0	50	0	0	0	0
8	0	0	0	0	0	0	3	50	0	0	0	0
9	0	0	0	0	0	0	6	50	0	0	0	0
10	0	0	0	0	0	0	9	50	0	0	0	0
11	0	0	0	0	0	0	9	50	0	0	0	0
12	0	0	0	0	0	0	9	50	0	0	0	0
13	0	0	0	0	0	0	9	50	0	0	0	0
14	0	0	0	0	0	0	9	50	0	0	0	0
15	0	0	0	0	0	0	8	50	0	0	0	0
16	0	0	0	0	0	0	4	50	0	0	0	0
17	0	0	0	0	0	0	4	26	0	0	0	0
18	0	0	0	0	0	7	4	0	0	0	0	0
19	0	0	0	0	0	10	4	0	0	0	0	0
20	0	0	0	0	0	6	0	0	0	0	0	0
21	0	0	0	0	0	7	0	0	0	0	0	0
22	0	0	0	0	0	7	0	0	0	0	0	0
23	0	0	0	0	0	8	0	0	0	0	0	0
24	0	0	0	0	0	7	0	0	0	0	0	0
25	0	0	0	0	0	8	0	0	0	0	0	0
26	0	0	0	0	0	7	0	0	0	0	0	0
27	0	0	0	0	0	7	4	0	0	0	0	0
28	0	0	0	0	0	3	6	0	0	0	0	0
29	0	-	0	0	0	0	5	0	0	0	0	0
30	0	-	0	0	0	0	6	0	0	0	0	0
31	0	-	0	-	0	-	6	0	-	0	-	0
TOTAL	0	0	0	0	0	77	105	826	0	0	0	0
MAXIMUM DAY	0	0	0	0	0	10	9	50	0	0	0	0
MINIMUM DAY	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	3	3	27	0	0	0	0
TOTAL AC. FT.	0	0	0	0	0	153	208	1,639	0	0	0	0

WHOLE YEAR:- TOTAL, 1,008 MAX., 50 MIN., 0 MEAN, 3 TOTAL AC.FT., 2,000

DISCHARGE IN CUBIC FEET PER SECOND

City of Bakersfield Diverted to Kern Delta WD
(Miscellaneous)

Year: 2005

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	1	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	2	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0
29	0	-	0	0	0	0	0	0	0	0	0	0
30	0	-	0	0	0	0	0	0	0	0	0	0
31	0	-	0	-	0	-	0	0	-	0	-	0
TOTAL	0	0	0	0	0	0	0	2	1	0	0	0
MAXIMUM DAY	0	0	0	0	0	0	0	2	1	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	4	2	0	0	0

WHOLE YEAR:- TOTAL, 3 MAX., 2 MIN., 0 MEAN, 0 TOTAL AC.FT., 6

City of Bakersfield Diverted to Guinn Construction

DISCHARGE IN CUBIC FEET PER SECOND (Per terms of City/Guinn Construction letter agreement dated June 16, 2005) Year: 2005

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

WHOLE YEAR:- TOTAL, 44 MAX., 1 MIN., 0 MEAN, 0 TOTAL AC.FT., 86

Total Water Spread in City of Bakersfield's 2800 Acre Recharge Facility

DISCHARGE IN CUBIC FEET PER SECOND (All Sources, All Entities) Year: 2005

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	546	203	189	332	248	222	236	165	166	186	128
2	0	647	214	178	320	255	219	248	146	162	170	26
3	0	582	183	209	251	262	227	235	151	165	163	0
4	0	315	204	253	288	277	249	217	188	169	146	0
5	0	247	228	224	411	256	253	189	179	170	172	0
6	0	342	237	224	326	231	244	183	156	164	153	0
7	0	356	226	227	338	249	236	212	153	156	165	0
8	0	538	222	211	281	281	229	193	146	168	164	109
9	0	497	218	219	333	273	230	185	155	158	161	152
10	0	489	197	199	340	249	218	178	194	142	72	148
11	54	437	188	208	355	262	218	165	194	135	0	31
12	13	594	202	249	391	273	214	182	0	152	0	0
13	0	577	200	257	373	223	203	182	0	161	0	0
14	0	384	196	230	323	240	202	197	0	156	0	164
15	0	275	196	236	331	252	193	186	250	168	0	130
16	0	335	193	227	310	238	199	168	387	159	0	157
17	0	348	222	203	261	254	217	151	408	157	0	154
18	0	387	260	208	218	283	236	153	346	164	188	176
19	0	386	252	203	214	281	226	182	268	154	238	159
20	29	396	278	251	257	220	221	188	259	148	185	145
21	130	404	266	312	243	195	215	206	152	157	177	136
22	134	445	249	261	248	216	214	192	170	162	186	126
23	393	351	207	337	369	251	205	194	188	151	151	149
24	500	319	264	431	354	220	227	205	153	149	180	139
25	554	311	255	350	330	218	215	196	197	145	185	127
26	489	205	263	350	376	215	194	213	219	161	177	107
27	637	346	246	342	346	201	186	215	213	163	169	109
28	811	201	222	247	264	225	205	213	191	169	159	59
29	886	-	203	217	268	234	226	212	190	171	144	46
30	916	-	214	288	205	240	227	187	187	165	146	32
31	541	-	235	-	216	-	227	197	-	169	-	70
TOTAL	6,087	11,260	6,943	7,540	9,472	7,322	6,797	6,060	5,605	4,936	3,837	2,779
MAXIMUM DAY	916	647	278	431	411	283	253	248	408	171	238	176
MINIMUM DAY	0	201	183	178	205	195	186	151	0	135	0	0
MEAN	196	402	224	251	306	244	219	195	187	159	128	90
TOTAL AC. FT.	12,073	22,335	13,770	14,956	18,788	14,523	13,482	12,020	11,117	9,790	7,611	5,512

WHOLE YEAR:- TOTAL, 78,638 MAX., 916 MIN., 0 MEAN, 215 TOTAL AC.FT., 155,977

DISCHARGE IN CUBIC FEET PER SECOND — Total Flow via the Berrenda Mesa Pipeline at Head — Year: 2005

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	0	90	96	89	82	40	91	89	58	49	0
2	0	29	88	97	94	84	62	92	86	58	50	0
3	0	65	91	97	94	84	68	89	85	55	52	0
4	0	21	96	98	94	83	73	79	86	48	52	0
5	0	0	90	97	95	86	63	65	91	46	56	0
6	0	34	92	98	96	87	57	73	93	52	60	0
7	0	63	92	99	86	83	56	63	84	51	60	0
8	0	79	91	99	87	84	52	77	87	43	56	0
9	0	90	89	97	86	80	51	76	86	43	51	0
10	0	87	88	93	88	80	62	64	89	40	8	0
11	0	88	90	95	87	80	57	76	91	38	0	0
12	0	77	91	94	87	80	49	75	88	38	0	0
13	0	76	91	91	91	78	50	75	81	42	0	0
14	0	83	92	92	92	78	59	77	83	43	0	18
15	0	81	91	92	92	77	70	77	80	39	0	55
16	0	82	94	93	88	77	82	88	82	40	0	44
17	0	103	93	88	88	76	79	87	69	43	0	48
18	0	94	94	87	88	74	68	84	69	53	0	45
19	0	91	93	88	88	74	81	95	82	58	0	52
20	0	97	92	88	88	77	83	95	74	59	0	54
21	0	86	97	87	88	67	85	89	75	54	0	76
22	19	82	96	88	88	65	90	83	65	52	0	71
23	22	88	94	86	82	62	82	81	60	53	0	63
24	44	92	94	86	80	58	86	85	56	52	0	71
25	37	90	94	85	82	46	84	84	56	53	0	75
26	42	87	94	86	78	73	80	84	69	50	0	71
27	37	90	94	85	81	66	80	88	60	52	0	56
28	64	89	97	87	88	41	88	79	58	52	0	54
29	70	-	94	89	88	42	87	85	58	52	0	56
30	76	-	92	86	91	44	90	87	60	51	0	77
31	25	-	91	-	90	-	90	86	-	50	-	81
TOTAL	436	2,044	2,865	2,744	2,734	2,168	2,204	2,529	2,292	1,518	494	1,067
MAXIMUM DAY	76	103	97	99	96	87	90	95	93	59	60	81
MINIMUM DAY	0	0	88	85	78	41	40	63	56	38	0	0
MEAN	14	73	92	91	88	72	71	82	76	49	16	34
TOTAL AC. FT.	865	4,054	5,683	5,443	5,423	4,300	4,372	5,016	4,546	3,011	980	2,116

WHOLE YEAR:- TOTAL, 23,095 MAX., 103 MIN., 0 MEAN, 63 TOTAL AC.FT., 45,809

DISCHARGE IN CUBIC FEET PER SECOND — Total Flow via the Pioneer Canal at Head — Year: 2005

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	54	0	0	0	0	0	0	0	0	0	0
5	0	98	0	0	0	0	0	0	0	0	0	0
6	0	88	0	0	0	0	0	0	0	0	0	0
7	0	67	0	0	0	0	0	0	0	0	0	0
8	0	51	0	0	0	0	0	0	0	0	0	0
9	0	20	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	73	0	0	0	0	0	0
19	0	0	0	0	0	74	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	158	0	0	0	0	0	0	0
23	0	0	0	0	156	0	0	0	0	0	0	0
24	0	0	0	0	108	0	0	0	0	0	0	0
25	0	0	0	0	32	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0
29	0	-	0	0	0	0	0	0	0	0	0	0
30	0	-	0	0	0	0	0	0	0	0	0	0
31	0	-	0	-	0	-	0	0	-	0	-	0
TOTAL	0	378	0	0	454	147	0	0	0	0	0	0
MAXIMUM DAY	0	98	0	0	158	74	0	0	0	0	0	0
MINIMUM DAY	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	14	0	0	15	5	0	0	0	0	0	0
TOTAL AC. FT.	0	750	0	0	900	292	0	0	0	0	0	0

WHOLE YEAR:- TOTAL, 979 MAX., 158 MIN., 0 MEAN, 3 TOTAL AC.FT., 1,942

DISCHARGE IN CUBIC FEET PER SECOND

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

Year: 2005

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	226	177	226	19	338	0	338	151	235	277	298
2	0	208	208	224	0	347	0	338	151	233	267	112
3	0	327	246	223	0	332	0	162	164	234	267	0
4	0	119	240	255	0	214	0	0	174	234	248	0
5	0	0	238	244	0	8	0	0	174	234	273	0
6	0	0	245	247	0	263	0	65	173	235	254	0
7	0	0	222	224	0	339	0	115	174	235	273	0
8	0	207	208	184	0	347	0	91	174	235	273	161
9	0	295	209	196	0	342	0	86	174	235	270	276
10	0	296	209	195	0	330	0	117	174	235	110	276
11	0	307	237	195	0	251	0	165	174	147	0	105
12	0	332	253	196	0	28	0	182	0	181	0	0
13	0	334	235	193	0	105	0	182	0	212	0	0
14	0	333	236	194	0	295	5	182	0	263	0	278
15	0	278	235	271	0	295	25	182	182	326	0	299
16	0	283	242	358	0	284	29	173	324	325	0	272
17	0	329	275	360	0	270	30	176	324	325	0	260
18	0	323	288	358	0	11	30	217	276	325	188	258
19	0	345	278	356	0	0	28	238	247	272	300	290
20	0	317	258	319	0	0	27	235	217	271	291	318
21	0	306	266	284	0	0	29	235	194	287	297	257
22	50	324	281	284	0	0	30	235	194	287	312	170
23	263	288	275	284	0	0	35	235	194	281	278	185
24	360	267	236	287	0	0	48	221	111	281	292	189
25	353	311	251	302	104	0	52	200	76	266	322	189
26	343	218	254	320	214	0	58	200	77	274	337	216
27	340	165	254	336	164	0	166	170	77	280	337	246
28	349	161	253	345	182	0	304	146	90	261	323	280
29	337	-	253	340	81	0	325	146	120	261	307	260
30	329	-	247	335	0	0	325	146	202	261	308	153
31	326	-	238	-	127	-	325	146	-	265	-	195
TOTAL	3,050	6,899	7,547	8,135	891	4,399	1,871	5,324	4,762	7,996	6,404	5,543
MAXIMUM DAY	360	345	288	360	214	347	325	338	324	326	337	318
MINIMUM DAY	0	0	177	184	0	0	0	0	0	147	0	0
MEAN	98	246	243	271	29	147	60	172	159	258	213	179
TOTAL AC. FT.	6,050	13,684	14,969	16,136	1,768	8,725	3,711	10,560	9,445	15,860	12,702	10,994

WHOLE YEAR:- TOTAL, 62,821 MAX., 360 MIN., 0 MEAN, 172 TOTAL AC.FT., 124,604

DISCHARGE IN CUBIC FEET PER SECOND

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

Year: 2005

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	119	92	19	0	0	0	57	0	0	28	36
2	0	114	57	20	0	0	0	56	0	0	25	14
3	0	164	22	19	0	10	0	28	0	0	25	0
4	0	60	22	20	0	15	0	0	0	0	22	0
5	0	0	23	19	0	0	0	0	0	0	24	0
6	0	0	21	18	0	26	0	0	0	0	22	0
7	0	0	22	19	0	29	0	0	0	26	25	0
8	0	21	23	19	0	12	0	0	0	41	25	0
9	0	43	23	19	0	0	0	0	0	41	25	0
10	0	78	22	19	0	15	0	0	0	40	12	0
11	0	102	23	19	0	19	0	0	16	39	0	0
12	0	116	22	19	0	0	0	0	43	41	0	0
13	0	114	22	19	0	42	0	0	43	41	0	0
14	0	118	22	7	0	65	0	0	43	21	0	41
15	0	120	22	0	0	65	0	0	19	0	0	86
16	0	128	22	0	0	62	0	0	0	0	0	84
17	0	111	22	0	0	60	0	0	0	0	0	118
18	0	92	22	0	0	3	0	0	0	0	15	159
19	0	100	22	0	0	0	0	0	0	0	43	142
20	0	105	22	0	0	0	0	0	0	0	43	118
21	0	111	22	0	0	0	0	0	0	0	36	115
22	44	134	22	0	0	0	0	0	0	0	14	118
23	99	147	22	0	0	0	16	0	0	0	0	117
24	140	144	20	0	0	0	68	0	0	0	0	113
25	116	94	19	0	0	0	68	0	0	12	35	113
26	89	77	20	0	32	0	68	0	0	24	64	102
27	88	94	19	0	61	0	72	0	0	24	64	87
28	122	95	20	0	60	0	63	0	0	24	64	85
29	159	-	19	0	27	0	55	0	0	28	47	83
30	168	-	20	0	0	0	55	0	0	38	37	84
31	170	-	20	-	0	-	55	0	-	30	-	85
TOTAL	1,195	2,601	771	255	180	423	520	141	164	470	695	1,900
MAXIMUM DAY	170	164	92	20	61	65	72	57	43	41	64	159
MINIMUM DAY	0	0	19	0	0	0	0	0	0	0	0	0
MEAN	39	93	25	9	6	14	17	5	5	15	23	61
TOTAL AC. FT.	2,370	5,159	1,529	506	357	839	1,031	280	325	932	1,379	3,769

WHOLE YEAR:- TOTAL, 9,315 MAX., 170 MIN., 0 MEAN, 26 TOTAL AC.FT., 18,476

DISCHARGE IN CUBIC FEET PER SECOND

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

Year: 2005

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	9	65	64	0	0	0	0	0	0	0	0
2	0	0	61	64	0	0	0	0	0	0	0	0
3	0	0	59	64	0	0	0	0	0	0	0	0
4	0	0	62	64	0	0	0	0	0	0	0	0
5	0	0	60	64	0	0	0	0	0	0	0	0
6	0	0	63	64	0	0	0	0	0	0	0	0
7	0	0	62	63	0	0	0	0	0	0	0	0
8	0	9	61	65	0	0	0	0	0	0	0	0
9	0	19	60	66	0	0	0	0	0	0	0	0
10	0	32	59	66	0	14	0	0	0	0	0	0
11	0	34	59	66	0	17	0	0	0	0	0	0
12	0	59	60	67	0	0	0	0	0	0	0	0
13	0	64	61	32	0	40	0	0	0	0	0	0
14	0	45	60	0	0	64	0	0	0	0	0	0
15	0	38	59	0	0	64	0	0	0	0	0	0
16	0	39	59	0	0	65	0	0	0	0	0	0
17	0	37	57	0	0	58	0	0	0	0	0	0
18	0	34	58	0	0	4	0	0	0	0	0	0
19	0	30	58	0	0	0	0	0	0	0	0	0
20	0	30	58	0	0	0	0	0	0	0	0	0
21	0	33	58	0	0	0	0	0	0	0	0	46
22	0	35	57	0	0	0	0	0	0	0	0	96
23	0	34	62	0	0	0	0	0	0	0	0	98
24	0	32	60	0	0	0	0	0	0	0	0	98
25	0	37	62	0	0	0	0	0	0	0	0	98
26	0	40	65	0	0	0	0	0	0	0	0	88
27	13	57	64	0	0	0	0	0	0	0	0	76
28	16	65	63	0	0	0	0	0	0	0	0	62
29	19	-	64	0	0	0	0	0	0	0	0	65
30	11	-	64	0	0	0	0	0	0	0	0	57
31	17	-	63	-	0	-	0	0	-	0	-	50
TOTAL	76	812	1,883	809	0	326	0	0	0	0	0	834
MAXIMUM DAY	19	65	65	67	0	65	0	0	0	0	0	98
MINIMUM DAY	0	0	57	0	0	0	0	0	0	0	0	0
MEAN	2	29	61	27	0	11	0	0	0	0	0	27
TOTAL AC. FT.	151	1,611	3,735	1,605	0	646	0	0	0	0	0	1,654

WHOLE YEAR:- TOTAL, 4,740 MAX., 98 MIN., 0 MEAN, 13 TOTAL AC.FT., 9,402

DISCHARGE IN CUBIC FEET PER SECOND

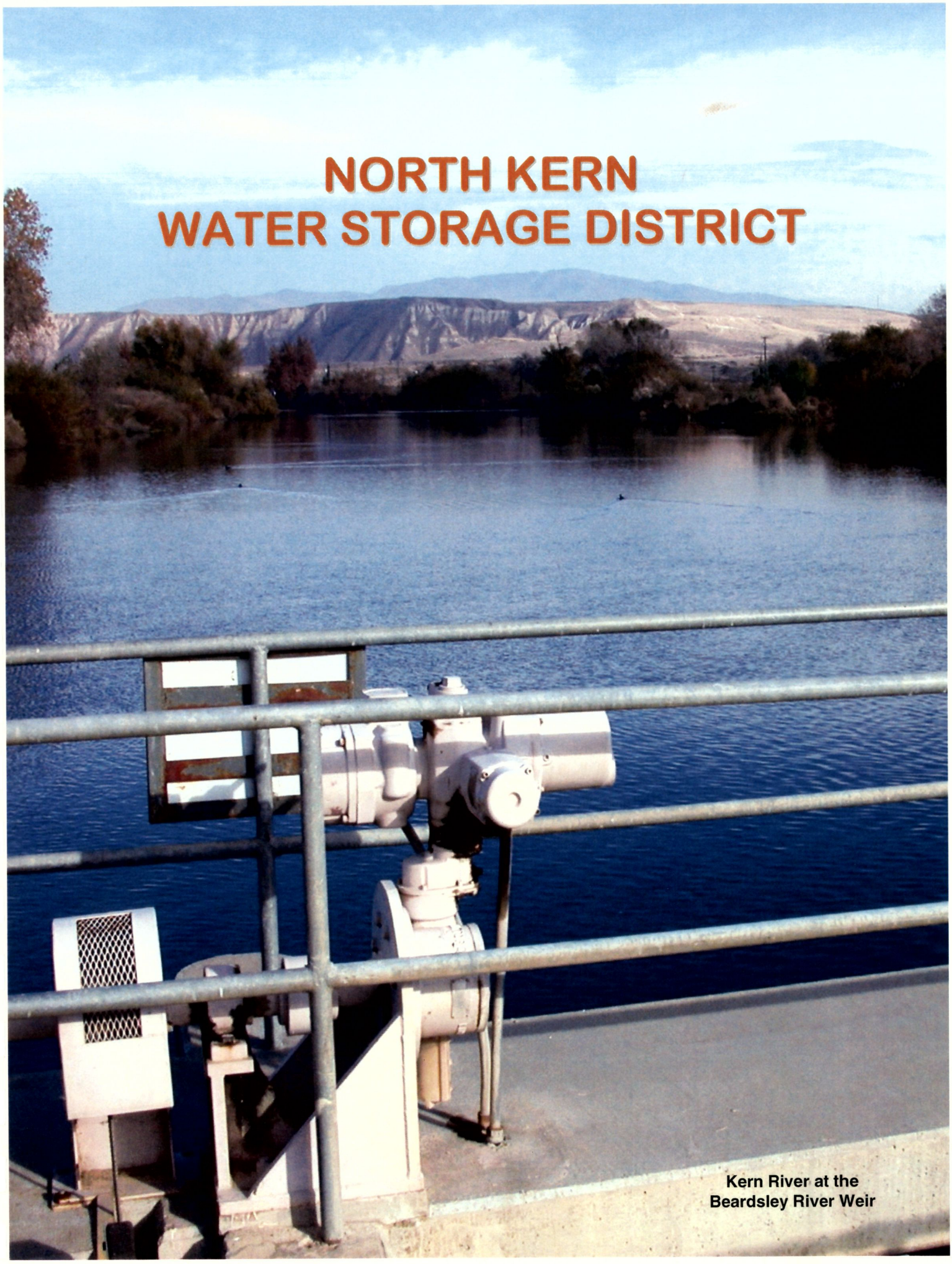
Cross Valley Canal - Turnout #4 to Kern River Channel
(As reported by Kern County Water Agency)

Year: 2005

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	4	151	133	125	78	0	0	0	0	1	2	0
2	3	152	130	125	57	0	0	0	0	1	2	0
3	4	152	132	125	60	0	0	0	0	1	2	0
4	3	148	131	125	64	0	0	0	0	1	2	0
5	4	146	128	125	22	0	0	0	0	1	2	0
6	3	135	128	125	0	0	0	0	0	1	2	0
7	4	136	126	125	1	0	0	0	0	1	2	0
8	3	158	127	125	10	0	0	0	0	1	2	0
9	4	160	126	125	18	0	0	0	0	1	2	0
10	3	158	123	125	10	0	0	0	0	1	2	0
11	2	146	125	125	12	0	0	0	0	1	2	0
12	0	145	126	125	13	0	0	0	0	1	2	0
13	0	158	126	125	12	0	0	0	0	1	2	0
14	0	158	127	125	12	0	0	0	0	1	2	132
15	0	158	128	125	9	0	0	0	0	1	2	145
16	0	128	126	125	14	0	0	0	0	1	2	130
17	0	113	127	125	12	0	0	0	0	1	2	124
18	0	113	128	125	4	0	0	0	0	1	2	124
19	0	113	127	125	4	0	0	0	0	4	2	124
20	0	113	126	125	4	0	0	0	0	4	2	124
21	0	120	125	125	4	0	0	0	0	4	2	124
22	40	141	125	125	4	0	0	0	0	4	2	112
23	59	158	126	125	4	0	0	0	0	2	2	106
24	52	162	98	125	0	0	0	0	0	2	2	105
25	50	164	127	125	0	0	0	0	0	2	2	104
26	49	161	128	125	0	0	0	0	0	2	2	104
27	75	142	128	125	0	0	0	0	0	4	2	104
28	149	136	127	125	0	0	0	0	0	4	2	95
29	155	-	126	122	0	0	0	0	0	4	2	80
30	156	-	125	120	0	0	0	0	0	4	2	77
31	155	-	127	-	0	-	0	0	-	4	-	75
TOTAL	977	4,025	3,912	3,742	428	0	0	0	0	62	60	1,989
MAXIMUM DAY	156	164	133	125	78	0	0	0	0	4	2	145
MINIMUM DAY	0	113	98	120	0	0	0	0	0	1	2	0
MEAN	32	144	126	125	14	0	0	0	0	2	2	64
TOTAL AC. FT.	1,937	7,984	7,759	7,422	849	0	0	0	0	123	119	3,945

WHOLE YEAR:- TOTAL, 15,195 MAX., 164 MIN., 0 MEAN, 42 TOTAL AC.FT., 30,138

NORTH KERN WATER STORAGE DISTRICT



Kern River at the
Beardsley River Weir

NORTH KERN WATER STORAGE DISTRICT

Quantities in acre-feet

Year: 2005

		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
NKWSD River Entitlement	+	21,344	12,988	15,245	33,396	44,276	45,560	19,946	2,311	2,105	463	0	5,925	203,559
Release	+ or -	11,456	8,135	1,881	2,032	2,524	563	0	0	5,168	13,689	13,158	17,249	75,855
ENTITLEMENT + OR - RELEASE	=	**32,800**	**21,123**	**17,126**	**35,428**	**46,800**	**46,123**	**19,946**	**2,311**	**7,273**	**14,152**	**13,158**	**23,174**	**279,414**
From KRC & Irr. Company	+	746	146	704	1,033	3,453	2,535	766	14	0	0	0	46	9,443
From City of Bakersfield	+	34	400	655	557	1,517	6,628	7,234	11,973	0	0	279	0	29,277
From Isabella Reservoir Storage	+	129	0	0	0	3,562	4,443	25,964	30,159	11,410	7,071	6,280	3,128	92,146
From Cawelo WD	+	472	0	513	0	0	0	0	0	0	0	0	2,002	2,987
From Kern-Tulare Water District (RRBWSD)	+	0	0	2,642	0	0	0	0	0	0	0	0	0	2,642
From Buena Vista WSD	+	0	0	0	305	6,138	3,073	0	0	0	0	0	0	9,516
From Improvement District No. 4	+	0	0	0	0	0	0	0	0	0	0	0	0	0
To La Hacienda, Inc.	-	0	0	0	0	0	0	502	3,854	1,468	0	0	0	5,824
To City of Bakersfield	-	0	0	0	0	0	0	0	0	0	0	0	0	0
To Improvement District #4	-	281	1,559	0	0	956	2,860	3,441	3,312	0	0	0	0	12,409
To Cawelo WD	-	8	8	0	0	0	0	0	0	2,614	0	0	0	2,630
Into Isabella Reservoir Storage	-	15,057	8,075	12,858	32,620	42,667	20,442	4,982	8,769	0	117	1,291	7,347	154,225
Other	+ or -	0	0	0	0	0	0	0	0	0	0	0	6	6
TOTAL DIVERTED FROM RIVER	=	**18,835**	**12,027**	**8,782**	**4,703**	**17,847**	**39,500**	**44,985**	**28,522**	**14,601**	**21,106**	**18,426**	**21,009**	**250,343**
Loss to Seventh Standard Line	-	179	118	70	60	169	5,500	3,012	912	60	80	62	4,424	14,646
Oilfield Discharge	+	4	74	238	204	41	15	581	23	0	10	0	0	1,190
NKWSD Deep Well Production	+	0	0	0	0	0	0	0	0	0	0	0	0	0
Non-District Deep Well Production	+	0	0	0	0	0	0	0	0	0	0	0	0	0
Poso Creek Natural Flow	+	0	0	177	0	307	0	0	0	0	0	0	0	484
Friant-Kern Inflow to Poso Creek	+	0	0	0	3,991	10,015	5,573	334	0	0	0	0	0	19,913
Friant-Kern Inflow to 8-1-0 Lateral	+	0	0	4,887	11,140	11,574	8,813	915	1,313	2,912	0	0	0	41,554
Rosedale Ranch Improvement District	-	0	408	1,208	1,237	2,206	2,444	2,686	1,973	1,242	1,017	535	0	14,956
Semitropic WSD via Poso Creek	-	0	0	0	1,125	5,008	2,882	0	0	0	0	0	0	9,015
To Cawelo WD (Oilfield Discharge)	-	0	0	0	204	41	15	581	23	0	10	0	0	874
CVC Conduit "A" Inflow	+	0	541	5,090	9,199	56	0	0	0	0	0	0	0	14,886
TOTAL DISTRICT SUPPLY	=	**18,660**	**12,116**	**17,896**	**26,611**	**32,416**	**43,060**	**40,536**	**26,950**	**16,211**	**20,009**	**17,829**	**16,585**	**288,879**
Class 1 Irrigation Deliveries	+	59	632	4,147	9,043	9,338	14,755	16,725	13,580	7,558	5,383	2,584	214	84,018
Class 2 Irrigation Deliveries	+	110	743	2,754	4,973	5,599	8,791	10,314	9,282	5,237	4,151	2,622	159	54,735
Semitropic WSD Irrigation Deliveries	+	0	0	0	0	0	0	0	0	0	0	0	0	0
Paramount Farming Co. Irrigation Deliveries	+	0	0	0	0	0	0	0	0	0	0	0	0	0
Shafter-Wasco ID Irrigation Deliveries	+	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL IRRIGATION USE	=	**169**	**1,375**	**6,901**	**14,016**	**14,937**	**23,546**	**27,039**	**22,862**	**12,795**	**9,534**	**5,206**	**373**	**138,753**
District Spreading Ponds (Kern)	+	17,126	6,458	4,158	3,706	7,509	11,197	6,478	274	0	7,215	10,573	14,981	89,675
District Spreading Ponds (Other)	+	0	0	0	0	2,225	1,686	0	0	0	0	0	0	3,911
Poso Creek Spreading (Kern)	+	585	530	431	0	0	83	801	149	0	501	747	0	3,827
Poso Creek Spreading (Other)	+	0	0	177	2,866	3,089	1,005	334	0	0	0	0	0	7,471
TOTAL DISTRICT SPREADING	=	**17,711**	**6,988**	**4,766**	**6,572**	**12,823**	**13,971**	**7,613**	**423**	**0**	**7,716**	**11,320**	**14,981**	**104,884**
TOTAL DISTRICT USE		**17,880**	**8,363**	**11,667**	**20,588**	**27,760**	**37,517**	**34,652**	**23,285**	**12,795**	**17,250**	**16,526**	**15,354**	**243,637**
Total NKWSD Canal Loss		780	3,753	6,229	6,023	4,656	5,543	5,884	3,665	3,416	2,759	1,303	1,231	45,242
Into Reservoir Storage		15,057	8,075	12,858	32,620	42,667	20,442	4,982	8,769	0	117	1,291	7,347	154,225
Reservoir Evaporation Loss		180	265	460	833	1,611	2,337	2,998	2,600	1,715	1,186	801	327	15,313
From Reservoir Storage		129	0	0	0	3,562	4,443	25,964	30,159	11,410	7,071	6,280	3,128	92,146
END OF MONTH RESERVOIR STORAGE		**36,021**	**43,831**	**56,229**	**88,016**	**125,510**	**139,172**	**115,192**	**91,202**	**78,077**	**69,937**	**64,147**	**68,039**	

DISCHARGE IN CUBIC FEET PER SECOND

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

Year: 2005

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	310	0	255	138	271	665	640	627	463	379	604	198
2	305	9	253	147	308	644	622	650	445	347	620	310
3	314	22	254	153	351	643	641	640	370	359	630	318
4	345	20	252	158	408	608	642	637	374	342	598	299
5	359	32	225	166	431	616	650	631	406	316	516	296
6	370	42	219	174	357	627	643	637	416	293	518	304
7	376	50	214	185	202	630	628	634	447	298	563	290
8	381	81	203	198	177	617	632	633	450	310	579	285
9	406	47	156	179	251	634	626	637	458	339	547	167
10	501	71	102	176	218	613	635	669	433	392	576	22
11	386	68	148	139	239	629	643	671	414	427	582	22
12	263	70	171	136	260	646	620	667	408	496	567	130
13	289	61	172	133	275	625	625	611	416	523	572	159
14	306	98	159	116	267	634	601	611	412	532	452	153
15	306	231	143	123	321	635	629	630	331	446	265	157
16	310	316	158	134	375	615	633	676	318	422	264	155
17	300	382	210	153	391	626	644	603	230	409	227	154
18	300	424	205	182	423	632	644	566	249	439	212	155
19	300	441	195	186	435	642	637	598	290	504	175	154
20	302	401	126	192	435	602	627	600	355	540	130	148
21	296	407	95	165	425	603	648	645	439	521	147	131
22	359	403	115	121	489	653	632	667	414	417	160	134
23	314	400	176	98	575	627	632	669	403	388	161	155
24	339	398	153	117	620	618	636	613	358	413	166	150
25	340	401	100	111	622	639	636	518	359	475	162	152
26	340	410	27	177	612	629	631	516	354	525	185	151
27	318	409	70	232	528	618	636	459	353	511	167	151
28	209	403	103	276	506	644	643	520	352	497	142	150
29	110	-	131	235	629	635	627	549	353	463	139	150
30	82	-	149	259	754	642	630	555	395	461	165	150
31	67	-	158	-	630	-	631	536	-	480	-	154
TOTAL	9,503	6,097	5,097	4,959	12,785	18,891	19,644	18,875	11,465	13,264	10,791	5,504
MAXIMUM DAY	501	441	255	276	754	665	650	676	463	540	630	318
MINIMUM DAY	67	0	27	98	177	602	601	459	230	293	130	22
MEAN	307	218	164	165	412	630	634	609	382	428	360	178
TOTAL AC. FT.	18,849	12,093	10,110	9,836	25,359	37,470	38,963	37,439	22,740	26,309	21,403	10,917

WHOLE YEAR:- TOTAL, 136,875 MAX., 754 MIN., 0 MEAN, 375 TOTAL AC.FT., 271,488

DISCHARGE IN CUBIC FEET PER SECOND | Oilfield Discharge Diverted via Beardsley Canal (Total Flow) | Year: 2005

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	0	0	0	2	0	0	0	0	0	0	0
2	1	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	32	0	0	0	0	0
4	0	0	0	0	0	0	40	0	0	0	0	0
5	0	0	0	0	0	0	28	0	0	0	0	0
6	0	0	0	0	0	0	26	0	0	0	0	0
7	0	0	0	0	0	0	31	0	0	0	0	0
8	0	0	0	0	0	0	31	0	0	0	0	0
9	1	0	0	0	0	0	32	0	0	0	0	0
10	0	0	0	0	2	0	30	0	0	0	0	0
11	0	0	0	0	0	0	30	0	0	0	0	0
12	0	0	0	0	0	0	27	0	0	0	0	0
13	0	0	0	0	1	0	25	1	0	0	0	0
14	0	0	0	0	1	0	35	1	0	0	0	0
15	0	0	0	0	1	0	25	0	0	0	0	0
16	0	0	0	0	1	1	29	0	0	0	0	0
17	0	0	0	0	1	0	29	2	0	0	0	0
18	0	0	0	2	1	3	27	1	0	0	0	0
19	0	0	0	16	1	0	27	7	0	0	0	0
20	0	0	0	27	1	0	19	3	0	7	0	0
21	0	0	0	36	3	2	2	2	0	0	0	0
22	0	0	0	28	1	4	0	0	0	0	0	0
23	0	3	0	32	0	0	0	0	0	0	0	0
24	0	27	8	14	0	0	0	0	0	0	0	0
25	0	7	28	2	0	0	0	0	0	0	0	0
26	0	0	30	3	0	0	0	0	0	0	0	0
27	0	0	30	3	0	2	0	0	0	0	0	0
28	0	0	30	4	2	0	0	0	0	0	0	0
29	0	-	29	4	3	0	0	0	0	0	0	0
30	0	-	29	4	8	0	0	0	0	0	0	0
31	0	-	1	-	0	-	0	0	-	0	-	0
TOTAL	2	37	185	175	29	12	525	17	0	7	0	0
MAXIMUM DAY	1	27	30	36	8	4	40	7	0	7	0	0
MINIMUM DAY	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	1	6	6	1	0	17	1	0	0	0	0
TOTAL AC. FT.	4	74	367	347	57	23	1,042	33	0	14	0	0

WHOLE YEAR:- TOTAL, 989 MAX., 40 MIN., 0 MEAN, 3 TOTAL AC.FT., 1,961

DISCHARGE IN CUBIC FEET PER SECOND

Total Diverted via
Cross Valley Canal Conduit "A"

Year: 2005

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	0	74	118	28	0	0	0	0	0	0	0
2	0	0	71	118	0	0	0	0	0	0	0	0
3	0	0	71	118	0	0	0	0	0	0	0	0
4	0	0	85	118	0	0	0	0	0	0	0	0
5	0	0	94	133	0	0	0	0	0	0	0	0
6	0	0	94	146	0	0	0	0	0	0	0	0
7	0	0	133	146	0	0	0	0	0	0	0	0
8	0	46	160	146	0	0	0	0	0	0	0	0
9	0	47	160	146	0	0	0	0	0	0	0	0
10	0	47	160	146	0	0	0	0	0	0	0	0
11	0	47	116	146	0	0	0	0	0	0	0	0
12	0	47	71	146	0	0	0	0	0	0	0	0
13	0	44	71	155	0	0	0	0	0	0	0	0
14	0	44	71	168	0	0	0	0	0	0	0	0
15	0	31	71	168	0	0	0	0	0	0	0	0
16	0	23	71	168	0	0	0	0	0	0	0	0
17	0	23	71	168	0	0	0	0	0	0	0	0
18	0	23	71	168	0	0	0	0	0	0	0	0
19	0	23	71	168	0	0	0	0	0	0	0	0
20	0	23	71	168	0	0	0	0	0	0	0	0
21	0	23	71	168	0	0	0	0	0	0	0	0
22	0	8	71	168	0	0	0	0	0	0	0	0
23	0	0	71	168	0	0	0	0	0	0	0	0
24	0	0	104	168	0	0	0	0	0	0	0	0
25	0	50	118	168	0	0	0	0	0	0	0	0
26	0	75	118	168	0	0	0	0	0	0	0	0
27	0	74	118	168	0	0	0	0	0	0	0	0
28	0	74	118	168	0	0	0	0	0	0	0	0
29	0	-	118	168	0	0	0	0	0	0	0	0
30	0	-	118	168	0	0	0	0	0	0	0	0
31	0	-	118	-	0	-	0	0	-	0	-	0
TOTAL	0	772	3,000	4,638	28	0	0	0	0	0	0	0
MAXIMUM DAY	0	75	160	168	28	0	0	0	0	0	0	0
MINIMUM DAY	0	0	71	118	0	0	0	0	0	0	0	0
MEAN	0	28	97	155	1	0	0	0	0	0	0	0
TOTAL AC. FT.	0	1,531	5,950	9,199	56	0	0	0	0	0	0	0

WHOLE YEAR:- TOTAL, 8,438 MAX., 168 MIN., 0 MEAN, 23 TOTAL AC.FT., 16,736

NORTH KERN WATER STORAGE DISTRICT

BEARDSLEY CANAL OPERATIONS

Quantities in acre-feet

Year: 2005

		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
Kern River	+	18,849	12,093	10,110	9,836	25,359	37,470	38,963	37,439	22,740	26,309	21,403	10,917	271,488
Oilfield Discharge	+	4	74	367	347	57	23	1,042	33	0	14	0	0	1,961
C.V.C. Conduit "A"	+	0	1,531	5,950	9,199	56	0	0	0	0	0	0	0	16,736
+ TOTAL BEARDSLEY CANAL SUPPLY	**=**	**18,853**	**13,698**	**16,427**	**19,382**	**25,472**	**37,493**	**40,005**	**37,472**	**22,740**	**26,323**	**21,403**	**10,917**	**290,185**
KRC & Irr. Co. # 1 Lateral (Total Flow)	+	0	0	0	0	0	0	0	0	0	0	0	0	0
KRC & Irr. Co. # 4 Lateral	+	0	6	36	164	111	168	204	194	78	48	79	0	1,088
KRC & Irr. Co. # 5 Lateral	+	4	0	334	261	242	279	334	279	157	39	155	0	2,084
KRC & Irr. Co. Bidart Boosters	+	0	40	163	207	240	272	359	238	250	177	122	2	2,070
KRC & Irr. Co. via 1-0-20	+	0	0	0	0	0	0	0	0	0	0	0	0	0
KRC & Irr. Co. via 1-0-80	+	0	0	0	0	0	0	0	0	0	0	0	0	0
Lined Section Loss	+	2	12	52	60	60	58	61	61	60	42	58	2	528
- TOTAL KRC & IRR. CO. DIVERTED	**=**	**6**	**58**	**585**	**692**	**653**	**777**	**958**	**772**	**545**	**306**	**414**	**4**	**5,770**
Kern River Supply	-	6	58	488	692	653	777	958	772	545	306	414	4	5,673
Oilfield Discharge Supply	-	0	0	97	0	0	0	0	0	0	0	0	0	97
C.V.C. Conduit "A" Supply	=	0	0	0	0	0	0	0	0	0	0	0	0	0
Cawelo WD via Pump Station "B"	+	0	914	1,383	4,383	6,508	11,282	12,131	10,406	6,932	4,469	2,352	708	61,468
Cawelo WD Lerdo Gate Deliveries	+	6	42	268	295	381	781	1,129	964	523	329	125	2	4,845
Via North Kern WSD Spreading Ponds	+	0	0	513	0	0	0	0	0	0	0	0	0	513
Lined Section Loss	+	2	32	61	60	61	60	61	61	60	61	60	34	613
Lerdo Canal Loss	+	0	10	20	50	73	127	141	121	79	52	26	6	705
- TOTAL CAWELO WD DIVERTED	**=**	**8**	**998**	**2,245**	**4,788**	**7,023**	**12,250**	**13,462**	**11,552**	**7,594**	**4,911**	**2,563**	**750**	**68,144**
Kern River Supply	-	8	8	1,353	4,441	6,966	12,227	12,420	11,519	7,594	4,897	2,563	750	64,746
Oilfield Discharge Supply	-	0	0	32	347	57	23	1,042	33	0	0	0	0	1,534
C.V.C. Conduit "A" Supply	=	0	990	860	0	0	0	0	0	0	14	0	0	1,864
- Rosedale Ranch ID Diverted	+	0	408	1,208	1,237	2,166	163	0	1,212	1,242	1,017	535	0	9,188
Kern River Supply	-	0	368	970	1,070	2,166	163	0	1,212	1,242	1,017	535	0	8,743
Oilfield Discharge Supply	-	0	40	238	0	0	0	0	0	0	0	0	0	278
C.V.C. Conduit "A" Supply	=	0	0	0	167	0	0	0	0	0	0	0	0	167
- KRC & Irr. Co. Diverted		0	0	0	0	0	0	0	0	0	0	0	0	0
- Kern-Tulare WD/Rag Gulch WD Diverted		0	0	0	0	0	0	0	0	0	0	0	0	0
- Lined Section Loss: NKWSD	+	179	118	70	60	62	62	61	61	60	80	62	147	1,022
= NKWSD FROM LERDO CANAL	**+**	**18,660**	**12,116**	**12,319**	**12,605**	**15,568**	**24,241**	**25,524**	**23,875**	**13,299**	**20,009**	**17,829**	**10,016**	**206,061**
Kern River Supply	-	18,835	11,659	7,299	3,633	15,574	24,303	25,585	23,936	13,359	20,089	17,891	10,163	192,326
Oilfield Discharge Supply	-	4	34	0	0	0	0	0	0	0	0	0	0	38
C.V.C. Conduit "A" Supply	=	0	541	5,090	9,032	56	0	0	0	0	0	0	0	14,719

DISCHARGE IN CUBIC FEET PER SECOND — Lerdo Canal at Seventh Standard Line (Total Flow) — Year: 2005

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	307	0	326	242	292	644	618	606	449	376	593	194
2	303	6	321	249	291	625	608	625	430	344	608	307
3	311	19	322	256	333	626	659	610	360	356	620	315
4	342	17	334	255	396	602	667	617	368	339	586	296
5	356	29	316	275	424	612	655	610	398	312	512	293
6	367	39	307	294	349	616	648	627	410	289	515	301
7	373	42	343	310	196	619	639	625	439	293	557	287
8	378	118	357	326	174	600	646	618	438	301	573	282
9	404	86	307	306	243	614	638	618	449	330	532	164
10	498	112	255	306	213	592	653	653	420	382	564	19
11	383	109	255	270	226	611	655	654	404	416	569	19
12	260	113	238	268	247	640	632	655	397	485	558	127
13	286	102	239	274	265	613	638	604	401	513	564	156
14	303	139	210	271	258	622	624	606	398	521	442	150
15	303	259	191	280	312	623	640	619	318	437	258	154
16	307	336	208	297	364	604	647	666	307	414	256	152
17	297	402	261	316	373	612	657	594	217	396	217	151
18	297	444	256	346	407	627	659	556	235	427	202	152
19	297	461	250	363	420	639	648	596	279	491	165	151
20	299	421	183	376	420	588	625	596	347	535	122	145
21	291	427	148	357	415	585	631	639	423	506	134	128
22	356	408	169	308	475	639	612	654	398	414	149	131
23	311	400	226	287	560	609	612	652	386	385	155	152
24	336	422	244	293	606	600	615	593	345	410	160	147
25	337	455	236	268	610	620	618	499	345	472	150	149
26	337	482	170	339	598	616	613	498	350	517	178	148
27	315	480	214	392	513	600	612	448	340	505	159	148
28	206	474	240	430	496	621	624	515	345	491	132	147
29	107	-	265	391	621	611	605	531	345	460	130	147
30	79	-	273	418	744	620	610	538	389	458	161	147
31	64	-	256	-	609	-	616	519	-	470	-	151
TOTAL	9,410	6,802	7,920	9,363	12,450	18,450	19,624	18,441	11,130	13,045	10,521	5,410
MAXIMUM DAY	498	482	357	430	744	644	667	666	449	535	620	315
MINIMUM DAY	64	0	148	242	174	585	605	448	217	289	122	19
MEAN	304	243	255	312	402	615	633	595	371	421	351	175
TOTAL AC. FT.	18,666	13,490	15,711	18,570	24,696	36,594	38,925	36,578	22,075	25,876	20,867	10,732

WHOLE YEAR:- TOTAL, 142,566 MAX., 744 MIN., 0 MEAN, 391 TOTAL AC.FT., 282,780

NORTH KERN WATER STORAGE DISTRICT
LERDO CANAL OPERATIONS

Quantities in acre-feet

Year: 2005

		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
Total Beardsley Canal Supply	+	**18,853**	**13,698**	**16,427**	**19,382**	**25,472**	**37,493**	**40,005**	**37,472**	**22,740**	**26,323**	**21,403**	**10,917**	**290,185**
+ KRC & Irr. Co. Laterals		4	6	370	425	353	447	538	473	235	87	234	0	3,172
+ KRC & Irr. Co. Boosters		0	40	163	207	240	272	359	238	250	177	122	2	2,070
+ Lined Section Loss: KRC & Irr. Co.		2	12	52	60	60	58	61	61	60	42	58	2	528
= **KRC & Irr. Co. from Beardsley**	-	**6**	**58**	**585**	**692**	**653**	**777**	**958**	**772**	**545**	**306**	**414**	**4**	**5,770**
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	-	2	32	61	60	61	60	61	61	60	61	60	34	613
Lined Section Loss: NKWSD	-	179	118	70	60	62	62	61	61	60	80	62	147	1,022
Lerdo Canal Total Flow	=	**18,666**	**13,490**	**15,711**	**18,570**	**24,696**	**36,594**	**38,925**	**36,578**	**22,075**	**25,876**	**20,867**	**10,732**	**282,780**
KRC & Irr. Co. via 8-1-0	-	0	0	0	0	0	0	0	0	0	0	0	0	0
City via 8-1-0	-	0	0	0	0	0	0	0	0	0	0	0	0	0
Rosedale Ranch ID via Lerdo	-	0	408	1,208	1,237	2,166	163	0	1,212	1,242	1,017	535	0	9,188
K-TWD/RGWD via 8-17-0	-	0	0	0	0	0	0	0	0	0	0	0	0	0
+ Cawelo WD Via NKWSD		0	0	513	0	0	0	0	0	0	0	0	0	513
+ Cawelo WD Delivered at Sta. "B"		0	914	1,383	4,383	6,508	11,282	12,131	10,406	6,932	4,469	2,352	708	61,468
+ Cawelo WD 8-0 Deliveries		6	42	268	295	381	781	1,129	964	523	329	125	2	4,845
+ Lerdo Loss: to Station "B"		0	9	14	44	65	113	121	104	69	45	24	6	614
+ Lerdo Loss: 8-0 Deliveries		0	1	6	6	8	14	20	17	10	7	2	0	91
= **Cawelo WD Total from Lerdo**	-	**6**	**966**	**2,184**	**4,728**	**6,962**	**12,190**	**13,401**	**11,491**	**7,534**	**4,850**	**2,503**	**716**	**67,018**
North Kern WSD from Lerdo	=	**18,660**	**12,116**	**12,319**	**12,605**	**15,568**	**24,241**	**25,524**	**23,875**	**13,299**	**20,009**	**17,829**	**10,016**	**206,061**

DISCHARGE IN CUBIC FEET PER SECOND — Total Flow via the Calloway Canal Headgate — Year: 2005

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	23	21	35	45	212	385	321	56	47	33	0
2	0	24	22	38	45	228	384	256	60	52	38	0
3	0	24	21	38	47	226	377	249	57	46	36	0
4	0	19	18	25	49	202	407	259	50	44	35	0
5	0	25	20	31	33	195	492	266	53	44	43	0
6	0	22	22	43	29	221	528	266	59	43	37	0
7	0	22	20	29	33	222	513	263	49	44	37	0
8	0	21	26	28	33	221	453	232	55	42	40	0
9	0	23	28	37	32	201	408	124	50	44	38	0
10	0	22	28	35	32	187	383	76	47	47	33	0
11	0	20	31	41	43	155	434	95	45	48	33	0
12	0	19	30	41	46	160	440	88	50	47	31	96
13	0	21	32	43	46	218	399	89	36	46	29	188
14	0	27	25	42	47	232	327	85	50	47	34	184
15	0	36	36	45	51	271	365	90	54	46	34	176
16	0	38	34	40	52	346	336	88	44	43	34	243
17	0	23	29	53	43	363	329	83	53	43	40	289
18	0	20	15	45	52	369	333	89	45	39	34	318
19	0	20	30	46	56	383	333	90	54	33	30	306
20	0	19	20	45	57	425	338	92	48	44	30	324
21	0	21	26	44	44	449	355	97	45	41	21	334
22	0	25	23	42	50	453	373	83	52	37	0	269
23	0	21	23	39	57	454	367	72	48	39	0	206
24	0	23	22	47	57	429	353	64	53	42	0	217
25	0	24	24	45	60	385	372	68	47	39	0	207
26	0	19	26	46	63	409	348	55	47	51	0	191
27	0	25	27	52	58	449	333	57	36	91	0	247
28	37	27	27	31	63	462	354	59	43	66	0	333
29	25	-	30	36	54	436	321	60	51	45	0	333
30	23	-	28	39	58	394	321	51	51	40	0	351
31	50	-	30	-	118	-	325	54	-	40	-	368
TOTAL	135	653	794	1,201	1,553	9,357	11,786	3,921	1,488	1,420	720	5,180
MAXIMUM DAY	50	38	36	53	118	462	528	321	60	91	43	368
MINIMUM DAY	0	19	15	25	29	155	321	51	36	33	0	0
MEAN	4	23	26	40	50	312	380	126	50	46	24	167
TOTAL AC. FT.	269	1,295	1,575	2,382	3,081	18,559	23,377	7,777	2,952	2,817	1,428	10,274

WHOLE YEAR:- TOTAL, 38,208 MAX., 528 MIN., 0 MEAN, 105 TOTAL AC.FT., 75,786

NORTH KERN WATER STORAGE DISTRICT

CALLOWAY CANAL OPERATIONS

Quantities in acre-feet

Year: 2005

		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
FLOW AT HEADWORKS	+	**269**	**1,295**	**1,575**	**2,382**	**3,081**	**18,559**	**23,377**	**7,777**	**2,952**	**2,817**	**1,428**	**10,274**	**75,786**
KCWA Armco Turnout	-	185	1,158	1,442	2,186	2,791	3,352	3,793	3,302	2,779	2,474	1,331	0	24,793
Seepage Loss	-	30	115	123	140	155	173	184	169	145	127	83	131	1,575
FLOW AT MEASURING STATION	=	**54**	**22**	**10**	**56**	**135**	**15,034**	**19,400**	**4,306**	**28**	**216**	**14**	**10,143**	**49,418**
CVC Turnout to Calloway	+	0	2,563	1,442	314	1,376	3,660	0	0	0	934	538	0	10,827
Seepage Loss	-	36	145	111	106	54	206	159	105	28	63	30	105	1,148
FLOW AT BUCK OWENS WEIR	=	**18**	**2,440**	**1,341**	**264**	**1,457**	**18,488**	**19,241**	**4,201**	**0**	**1,087**	**522**	**10,038**	**59,097**
Friant-Kern Inflow	+	0	0	0	0	0	0	0	0	0	0	0	0	0
KRC & Irr. Co. 1-1-0 Inflow	+	0	0	0	0	0	0	0	0	0	0	0	0	0
KRC & Irr. Co. Calloway Delivery	-	0	0	0	0	0	0	0	0	0	0	0	0	0
Seepage Loss	-	18	2,440	1,341	264	1,457	8,297	2,378	1,466	0	1,087	522	3,152	22,422
FLOW AT OLIVE DRIVE WEIR	=	**0**	**0**	**0**	**0**	**0**	**10,191**	**16,863**	**2,735**	**0**	**0**	**0**	**6,886**	**36,675**
KRC & Irr. Co. Calloway Delivery	-	0	0	0	0	0	0	0	0	0	0	0	0	0
Rosedale Ranch ID at Headworks	-	0	337	893	672	1,517	1,628	1,484	1,140	748	690	428	0	9,537
Seepage Loss	-	0	71	115	103	165	595	414	212	117	105	73	317	2,287
NKWSD 8-1-0 Inflow	+	0	408	1,008	775	1,682	180	0	837	865	795	501	0	7,051
FLOW AT SEVENTH STANDARD LINE	=	**0**	**0**	**0**	**0**	**0**	**8,148**	**14,965**	**2,220**	**0**	**0**	**0**	**6,569**	**31,902**
for Rosedale Ranch ID	-	0	0	0	0	0	702	1,202	333	0	0	0	0	0
for North Kern WSD	=	0	0	0	0	0	7,446	13,763	1,887	0	0	0	6,569	31,902
KERN COUNTY WATER AGENCY / ID4:														
Operating Loss	+	38	157	171	184	203	226	238	223	193	175	109	0	1,917
Turnout #4 to River	+	0	0	0	0	0	0	0	0	0	0	0	0	0
ID4 Treatment Plant	+	177	1,116	1,394	2,142	2,743	3,299	3,739	3,248	2,731	2,426	1,305	0	24,320
Cross Valley Canal Filling Losses	+	0	0	0	0	0	0	0	0	0	0	0	0	0
CVC Backflow (Net)	+	0	0	0	0	0	0	0	0	0	0	0	0	0
Spreading Below Measuring Station	+	54	2,585	1,452	370	1,404	3,660	0	932	28	1,150	552	0	12,187
TOTAL DIVERTED	=	**269**	**3,858**	**3,017**	**2,696**	**4,350**	**7,185**	**3,977**	**4,403**	**2,952**	**3,751**	**1,966**	**0**	**38,424**
KERN RIVER CANAL & IRRIGATING CO.:														
Calloway Irrigation Deliveries	+	0	0	0	0	0	0	0	0	0	0	0	0	0
Delivery Loss/ Spreading	+	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL DIVERTED	=	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
ROSEDALE RANCH ID:														
Flow at Headworks	+	0	337	893	672	1,517	1,628	1,484	1,140	748	690	428	0	9,537
Flow at Seventh Standard Line	+	0	0	0	0	0	702	1,202	333	0	0	0	0	2,237
Assigned Loss	+	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL DIVERTED	=	**0**	**337**	**893**	**672**	**1,517**	**2,330**	**2,686**	**1,473**	**748**	**690**	**428**	**0**	**11,774**
NORTH KERN WATER STORAGE DISTRICT:														
Flow at Seventh Standard Line	+	0	0	0	0	0	7,446	13,763	1,887	0	0	0	6,569	31,902
Total Loss	+	0	71	115	103	272	5,438	2,951	851	117	105	73	3,705	13,801
TOTAL DIVERTED	=	**0**	**71**	**115**	**103**	**272**	**12,884**	**16,714**	**2,738**	**117**	**105**	**73**	**10,274**	**45,703**

North Kern Water Storage District

DISCHARGE IN CUBIC FEET PER SECOND

Class 1 Irrigation Deliveries

Year: 2005

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	4	89	93	43	179	343	271	250	102	123	11
2	0	9	79	59	153	243	265	285	178	56	126	9
3	0	10	56	33	163	308	137	297	146	85	97	0
4	0	6	36	159	149	266	295	305	53	95	80	0
5	0	2	19	175	118	131	348	327	175	106	40	3
6	0	2	12	165	92	298	321	170	168	127	19	7
7	0	0	38	186	28	281	300	198	156	128	69	9
8	0	3	70	172	23	284	286	263	167	107	53	9
9	0	6	85	182	45	266	243	233	136	50	67	10
10	0	13	49	37	23	280	166	276	143	141	54	5
11	0	56	42	89	51	269	289	262	57	121	54	5
12	0	0	22	103	104	79	269	291	84	148	40	8
13	0	0	18	141	106	243	273	219	100	151	3	8
14	0	3	103	204	78	239	313	185	94	128	26	8
15	0	7	93	197	33	200	319	184	100	121	34	1
16	0	5	103	121	209	237	169	223	137	22	26	0
17	0	19	156	65	217	234	126	218	106	70	47	0
18	5	2	130	190	284	252	298	196	52	96	26	0
19	4	2	92	187	250	128	258	258	160	90	20	6
20	4	2	8	233	255	327	319	196	170	116	10	4
21	0	2	38	148	148	305	314	131	148	67	30	5
22	0	2	35	125	64	341	306	229	107	53	44	0
23	0	4	62	67	256	301	224	200	170	21	22	0
24	0	12	15	60	239	298	194	186	107	28	9	0
25	4	46	102	228	230	252	349	180	43	47	20	0
26	4	27	106	258	251	125	355	189	126	79	20	0
27	5	21	17	246	278	221	282	219	119	134	10	0
28	0	54	106	220	278	263	245	112	122	97	49	0
29	0	-	130	223	108	295	299	210	122	72	45	0
30	0	-	119	193	216	294	314	169	115	31	40	0
31	4	-	61	-	216	-	213	165	-	25	-	0
TOTAL	30	319	2,091	4,559	4,708	7,439	8,432	6,847	3,811	2,714	1,303	108
MAXIMUM DAY	5	56	156	258	284	341	355	327	250	151	126	11
MINIMUM DAY	0	0	8	33	23	79	126	112	43	21	3	0
MEAN	1	11	67	152	152	248	272	221	127	88	43	3
TOTAL AC. FT.	59	632	4,147	9,043	9,338	14,755	16,725	13,580	7,558	5,383	2,584	214

WHOLE YEAR:- TOTAL, 42,361 MAX., 355 MIN., 0 MEAN, 116 TOTAL AC.FT., 84,018

North Kern Water Storage District

DISCHARGE IN CUBIC FEET PER SECOND

Class 2 Irrigation Deliveries

Year: 2005

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	17	14	96	20	166	168	219	108	73	78	7
2	0	14	26	64	117	165	142	200	105	31	82	9
3	0	14	29	45	127	160	127	207	130	111	81	3
4	0	14	13	64	120	112	145	164	69	122	50	0
5	0	14	9	124	121	85	162	175	116	104	19	0
6	0	14	8	110	95	203	178	133	122	80	15	0
7	0	16	16	100	37	112	180	139	90	83	47	10
8	0	10	48	93	4	203	192	160	113	32	65	7
9	0	27	48	40	70	192	134	162	79	28	65	6
10	0	33	63	30	72	200	124	146	91	102	61	3
11	0	36	63	100	63	154	171	183	42	119	39	0
12	0	12	40	80	83	80	200	174	122	102	20	0
13	0	12	17	109	79	126	196	120	119	130	14	5
14	0	7	48	108	49	132	223	129	107	122	35	5
15	0	4	75	118	23	132	198	123	74	79	60	0
16	0	11	88	75	98	154	239	123	80	19	64	0
17	0	18	60	44	122	138	140	133	58	78	79	0
18	0	14	84	96	115	192	153	162	30	31	91	0
19	0	14	73	75	119	83	202	144	63	80	52	2
20	0	11	38	64	107	165	161	137	89	72	20	5
21	0	7	50	79	86	136	205	133	92	40	69	5
22	0	5	63	61	21	136	198	182	113	30	74	0
23	0	5	73	40	108	177	163	187	106	17	35	0
24	5	4	37	27	134	158	113	197	79	48	34	0
25	5	8	35	110	151	121	157	150	25	51	10	0
26	4	10	18	105	204	93	157	146	78	67	14	4
27	4	10	9	93	113	141	170	115	74	53	7	3
28	8	13	43	118	109	147	169	69	78	64	19	6
29	8	-	61	151	58	178	155	124	103	52	10	0
30	8	-	69	88	96	191	138	122	85	14	13	0
31	14	-	70	-	102	-	140	122	-	59	-	0
TOTAL	56	374	1,388	2,507	2,823	4,432	5,200	4,680	2,640	2,093	1,322	80
MAXIMUM DAY	14	36	88	151	204	203	239	219	130	130	91	10
MINIMUM DAY	0	4	8	27	4	80	113	69	25	14	7	0
MEAN	2	13	45	84	91	148	168	151	88	68	44	3
TOTAL AC. FT.	110	743	2,754	4,973	5,599	8,791	10,314	9,282	5,237	4,151	2,622	159

WHOLE YEAR:- TOTAL, 27,595 MAX., 239 MIN., 0 MEAN, 76 TOTAL AC.FT., 54,735

DISCHARGE IN CUBIC FEET PER SECOND — Total Diverted to Rosedale Ranch Improvement District — Year: 2005

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	0	14	42	15	35	49	38	21	16	21	0
2	0	0	17	26	33	44	48	38	25	14	22	0
3	0	0	17	23	42	45	44	51	30	19	23	0
4	0	0	9	39	43	45	38	57	30	18	24	0
5	0	0	17	35	17	46	42	49	34	14	24	0
6	0	0	14	9	20	48	43	43	31	16	22	0
7	0	0	26	9	21	49	43	43	28	20	19	0
8	0	0	29	9	16	51	42	45	24	18	9	0
9	0	6	34	9	33	44	41	20	24	17	2	0
10	0	6	6	9	37	38	40	36	22	16	5	0
11	0	6	6	12	37	30	41	35	20	13	4	0
12	0	0	0	12	36	35	46	37	20	16	9	0
13	0	0	0	12	33	39	43	38	17	18	6	0
14	0	0	9	33	27	48	46	39	15	28	8	0
15	0	0	9	46	14	48	49	33	18	22	8	0
16	0	0	9	27	38	55	53	27	18	12	9	0
17	0	6	9	0	42	37	48	30	16	20	9	0
18	0	0	9	12	55	47	40	19	8	21	5	0
19	0	56	0	12	56	42	42	17	21	22	3	0
20	0	26	0	25	52	40	41	19	20	24	3	0
21	0	20	32	20	29	34	43	20	18	21	3	0
22	0	20	36	25	22	37	43	16	16	21	3	0
23	0	10	33	19	31	41	44	25	17	18	4	0
24	0	10	31	17	42	33	41	26	16	16	3	0
25	0	10	28	20	46	14	39	23	7	16	3	0
26	0	10	22	22	42	36	39	29	18	12	3	0
27	0	10	26	24	38	50	44	29	21	10	1	0
28	0	10	35	26	41	41	47	29	22	10	3	0
29	0	-	46	26	46	38	45	31	26	10	5	0
30	0	-	41	24	46	42	47	32	23	7	7	0
31	0	-	45	-	42	-	43	21	-	8	-	0
TOTAL	0	206	609	624	1,092	1,232	1,354	995	626	513	270	0
MAXIMUM DAY	0	56	46	46	56	55	53	57	34	28	24	0
MINIMUM DAY	0	0	0	0	14	14	38	16	7	7	1	0
MEAN	0	7	20	21	35	41	44	32	21	17	9	0
TOTAL AC. FT.	0	408	1,208	1,237	2,166	2,443	2,686	1,973	1,242	1,017	535	0

WHOLE YEAR:- TOTAL, 7,521 MAX., 57 MIN., 0 MEAN, 21 TOTAL AC.FT., 14,915

ROSEDALE RANCH IMPROVEMENT DISTRICT

Quantities in acre-feet

Year: 2005

		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
TOTAL DIVERTED	+	**0**	**408**	**1,208**	**1,237**	**2,166**	**2,443**	**2,686**	**1,973**	**1,242**	**1,017**	**535**	**0**	**14,915**
RRID at Headgate	-	0	337	893	672	1,517	1,628	1,484	1,140	748	690	428	0	9,537
RRID via NKWSD 5-7 Lateral	-	0	71	315	565	649	815	1,202	833	494	327	107	0	5,378
RRID via NKWSD 5-21 Lateral	-	0	0	0	0	0	0	0	0	0	0	0	0	0
Upstream Diversion Loss	=	0	0	0	0	0	0	0	0	0	0	0	0	0
IRRIGATION DELIVERIES	+	**0**	**71**	**315**	**577**	**1,065**	**1,294**	**1,912**	**1,277**	**744**	**716**	**293**	**0**	**8,264**
City of Bakersfield Miscellaneous	-	0	0	0	12	416	479	1,460	1,277	0	0	174	0	3,818
City of Bakersfield Non-Kern River	-	0	0	0	0	0	0	0	0	0	0	0	0	0
NKWSD Kern River Exchange	-	0	71	315	513	649	815	452	0	744	716	119	0	4,394
NKWSD Non-Kern River	-	0	0	0	52	0	0	0	0	0	0	0	0	52
Friant-Kern Floodwater	=	0	0	0	0	0	0	0	0	0	0	0	0	0
LOSS & SPREADING	+	**0**	**337**	**893**	**660**	**1,101**	**1,149**	**774**	**696**	**498**	**301**	**242**	**0**	**6,651**
City of Bakersfield Miscellaneous	-	0	297	655	545	1,101	1,149	774	696	0	0	105	0	5,322
City of Bakersfield Non-Kern River	-	0	26	30	0	0	0	0	0	0	0	0	0	56
NKWSD Kern River Exchange	-	0	0	0	0	0	0	0	0	498	301	137	0	936
NKWSD Non-Kern River	-	0	14	208	115	0	0	0	0	0	0	0	0	337
Friant-Kern Floodwater	=	0	0	0	0	0	0	0	0	0	0	0	0	0
RECHARGE PURCHASE PROGRAM	+	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
City of Bakersfield Miscellaneous	-	0	0	0	0	0	0	0	0	0	0	0	0	0
City of Bakersfield Non-Kern River	=	0	0	0	0	0	0	0	0	0	0	0	0	0
NKWSD/RRID EXCHANGE STATUS														
RRID to NKWSD	+	0	0	0	0	0	0	0	0	0	0	0	0	0
NKWSD to RRID	-	0	85	523	680	649	815	452	0	1,242	1,017	256	0	5,719
Exchange Balance	=	**3,204**	**3,119**	**2,596**	**1,916**	**1,267**	**452**	**0**	**0**	**(1,242)**	**(2,259)**	**(2,515)**	**(2,515)**	

DISCHARGE IN CUBIC FEET PER SECOND — Poso Creek as Measured at Highway "99" (Total Flow) — Year: 2005

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	24	0	0	0	0	0	0	0
8	0	0	0	0	73	0	0	0	0	0	0	0
9	0	0	0	0	44	0	0	0	0	0	0	0
10	0	0	0	0	14	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	42	0	0	0	0	0	0	0	0	0
25	0	0	21	0	0	0	0	0	0	0	0	0
26	0	0	3	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0
29	0	-	0	0	0	0	0	0	0	0	0	0
30	0	-	17	0	0	0	0	0	0	0	0	0
31	0	-	6	-	0	-	0	0	-	0	-	0
TOTAL	0	0	89	0	155	0	0	0	0	0	0	0
MAXIMUM DAY	0	0	42	0	73	0	0	0	0	0	0	0
MINIMUM DAY	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	3	0	5	0	0	0	0	0	0	0
TOTAL AC. FT.	0	0	177	0	307	0	0	0	0	0	0	0

WHOLE YEAR:- TOTAL, 244 MAX., 73 MIN., 0 MEAN, 1 TOTAL AC.FT., 484

NORTH KERN WATER STORAGE DISTRICT
STATUS OF EXCHANGE

Quantities in acre-feet

Year: 2005

	BUENA VISTA WSD		CAWELO WD		IMPROVEMENT DISTRICT NO.4		KERN-TULARE WD		RAG GULCH WD		ROSEDALE RANCH ID		SUN WORLD INTERNATIONAL		PARAMOUNT FARMING CO.		SEMITROPIC WSD		SHAFTER-WASCO ID		SOUTHERN SAN JOAQUIN MUD	
	to	from	to	from	to	from	to	from	to	from	to	from	to	from	to	from	to	from	to	from	to	from
Prior Year Status	0	0	4,201	0	0	8,475	0	1) 0	0	1) 0	0	3,204	0	0	0	33,094	0	323	0	27,188	0	0
January	0	0	8	0	281	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
February	0	0	8	0	1,559	541	0	0	0	0	85	0	0	0	0	0	0	0	0	0	0	0
March	0	0	0	0	2	5,090	0	4,743	0	2,033	523	0	0	0	0	0	0	0	0	0	0	0
April	305	305	0	0	72	9,199	0	7,678	0	3,290	680	0	0	0	0	0	0	0	0	0	0	0
May	6,138	6,138	0	0	1,114	56	0	3,997	0	1,713	649	0	0	0	0	0	0	0	0	0	0	0
June	3,073	3,073	0	0	3,007	0	0	4,582	0	1,964	815	0	0	0	0	1,999	0	0	0	0	0	0
July	0	0	0	0	3,560	0	0	0	0	0	452	0	0	0	0	915	0	0	0	0	0	0
August	0	0	0	0	3,345	0	0	0	0	0	0	0	0	1,077	0	236	0	0	0	0	0	0
September	0	0	2,614	0	0	0	0	0	0	0	1,242	0	0	2,912	0	0	0	0	0	0	0	0
October	0	0	0	0	0	0	0	0	0	0	1,017	0	0	0	0	0	2) 0	8,390	0	0	0	0
November	0	0	0	0	0	0	0	0	0	0	256	0	0	0	0	0	0	0	0	0	0	0
December	0	0	9	2,002	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	9,516	9,516	2,639	2,002	12,940	14,886	0	21,000	0	9,000	5,719	0	0	3,989	0	3,150	0	8,390	0	0	0	0
Current Status	0	0	4,838	0	0	10,421	0	21,000	0	9,000	2,515	0	0	3,989	0	36,244	0	8,713	0	27,188	0	0

Notes: 1) Figures reflect 90% of gross exchange delivery as per terms of Article II, 2.05 (e) of the January 1, 2005 "Agreement for Groundwater Banking" by and between North Kern WSD and Kern-Tulare Water District.
2) Reflects North Kern WSD exchange water owed to Semitropic WSD resulting from 2005 Friant-Kern water spreading operations as per terms of NKWSD/STWSD letter agreement dated October 14, 2005.

NORTH KERN WATER STORAGE DISTRICT

IMPROVEMENT DISTRICT NO. 4 WATER EXCHANGE SUMMARY

Status as of 12-31-2005

Quantities in acre-feet

Pursuant to North Kern WSD/Improvement District #4 Accounting Agreement Dated March 1, 1995								
CATEGORY "A"				**CATEGORY "B"**				
Date	*NKWSD to ID4*	*ID4 to NKWSD*	*Cumulative Exchange Balance*	*Date*	*NKWSD to ID4 (1)*	*ID4 to NKWSD*	*Cumulative Exchange Balance*	*Overall Exchange Balance*
1988	12,163	7,796	4,367	1988	0	0	0	4,367
1989	0	0	4,367	1989	0	0	0	4,367
1990	0	1,630	2,737	1990	0	0	0	2,737
1991	0	261	2,476	1991	395	0	395	2,871
1992	0	0	2,476	1992	0	0	395	2,871
1993	12,557	9,434	5,599	1993	0	0	395	5,994
1994	0	0	5,599	1994	0	0	395	5,994
1995	0	8,635	(3,036)	1995	0	0	395	(2,641)
1996	0	0	(3,036)	1996	0	0	395	(2,641)
1997	3,882	0	846	1997	0	0	395	1,241
1998	4,323	0	5,169	1998	0	0	395	5,564
1999	3,748	64,000	(55,083)	1999	0	0	395	(54,688)
2000	4,629	10,000	(60,454)	2000	14,240	11,921	2,714	(57,740)
2001	12,401	0	(48,053)	2001	0	2,714	0	(48,053)
2002	25,110	0	(22,943)	2002	16,491	17,664	(1,173)	(24,116)
2003	12,473	0	(10,470)	2003	1,462	916	(627)	(11,097)
2004	1,995	0	(8,475)	2004	627	0	0	(8,475)
2005	1,840	3,786	(10,421)	2005	11,100	11,100	0	(10,421)
Totals	**95,121**	**105,542**		**Totals**	**44,315**	**44,315**		

Category "B" Note:

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

CATEGORY "A"

Priority

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

Point of Delivery

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

CATEGORY "B"

Priority

ID4 Priority 2.

Point of Delivery

Beardsley Canal.

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

Priority 2.

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

Priority 3.

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

Priority Equation D.

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

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

DISCHARGE IN CUBIC FEET PER SECOND (Does not include deliveries into Isabella Reservoir storage) Year: 2005

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	25	0	0	0	0	0	0	0	0	0	0
2	0	25	0	0	0	0	0	0	0	0	0	0
3	0	25	0	0	0	0	0	0	0	0	0	0
4	0	20	0	0	0	0	0	77	0	0	0	0
5	0	27	0	0	0	0	71	103	0	0	0	0
6	0	24	0	0	0	0	95	89	0	0	0	0
7	0	23	0	0	0	0	87	100	0	0	0	0
8	0	22	0	0	0	44	80	106	0	0	0	0
9	0	25	0	0	0	70	79	92	0	0	0	0
10	0	23	0	0	0	61	62	87	0	0	0	0
11	0	22	0	0	0	50	70	90	0	0	0	0
12	0	21	0	0	0	65	57	91	0	0	0	0
13	0	23	0	0	0	42	71	83	0	0	0	0
14	0	29	0	0	0	55	60	93	0	0	0	0
15	0	38	0	0	0	59	47	91	0	0	0	0
16	0	52	0	0	0	52	45	79	0	0	0	0
17	0	40	0	0	0	60	70	68	0	0	0	0
18	0	31	0	0	0	68	81	73	0	0	0	0
19	0	28	0	0	0	73	76	81	0	0	0	0
20	0	24	0	0	0	67	75	84	0	0	0	0
21	0	28	0	0	0	50	68	88	0	0	0	0
22	0	39	0	0	0	64	68	95	0	0	0	0
23	0	31	0	0	0	85	65	0	0	0	0	0
24	0	28	0	0	0	68	76	0	0	0	0	0
25	0	28	0	0	0	65	66	0	0	0	0	0
26	0	23	0	0	0	49	51	0	0	0	0	0
27	0	30	0	0	106	52	39	0	0	0	0	0
28	38	32	0	0	99	80	39	0	0	0	0	0
29	27	-	0	0	100	79	43	0	0	0	0	0
30	24	-	0	0	85	84	43	0	0	0	0	0
31	52	-	0	-	92	-	51	0	-	0	-	0
TOTAL	141	786	0	0	482	1,442	1,735	1,670	0	0	0	0
MAXIMUM DAY	52	52	0	0	106	85	95	106	0	0	0	0
MINIMUM DAY	0	20	0	0	0	0	0	0	0	0	0	0
MEAN	5	28	0	0	16	48	56	54	0	0	0	0
TOTAL AC. FT.	281	1,559	0	0	956	2,860	3,441	3,312	0	0	0	0

WHOLE YEAR:- TOTAL, 6,256 MAX., 106 MIN., 0 MEAN, 17 TOTAL AC.FT., 12,409

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: 2005

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	0	74	118	28	0	0	0	0	0	0	0
2	0	0	71	118	0	0	0	0	0	0	0	0
3	0	0	71	118	0	0	0	0	0	0	0	0
4	0	0	71	118	0	0	0	0	0	0	0	0
5	0	0	71	133	0	0	0	0	0	0	0	0
6	0	0	71	146	0	0	0	0	0	0	0	0
7	0	0	71	146	0	0	0	0	0	0	0	0
8	0	0	71	146	0	0	0	0	0	0	0	0
9	0	0	71	146	0	0	0	0	0	0	0	0
10	0	0	71	146	0	0	0	0	0	0	0	0
11	0	0	71	146	0	0	0	0	0	0	0	0
12	0	0	71	146	0	0	0	0	0	0	0	0
13	0	0	71	155	0	0	0	0	0	0	0	0
14	0	0	71	168	0	0	0	0	0	0	0	0
15	0	0	71	168	0	0	0	0	0	0	0	0
16	0	0	71	168	0	0	0	0	0	0	0	0
17	0	0	71	168	0	0	0	0	0	0	0	0
18	0	0	71	168	0	0	0	0	0	0	0	0
19	0	0	71	168	0	0	0	0	0	0	0	0
20	0	0	71	168	0	0	0	0	0	0	0	0
21	0	0	71	168	0	0	0	0	0	0	0	0
22	0	0	71	168	0	0	0	0	0	0	0	0
23	0	0	71	168	0	0	0	0	0	0	0	0
24	0	0	104	168	0	0	0	0	0	0	0	0
25	0	50	118	168	0	0	0	0	0	0	0	0
26	0	75	118	168	0	0	0	0	0	0	0	0
27	0	74	118	168	0	0	0	0	0	0	0	0
28	0	74	118	168	0	0	0	0	0	0	0	0
29	0	-	118	168	0	0	0	0	0	0	0	0
30	0	-	118	168	0	0	0	0	0	0	0	0
31	0	-	118	-	0	-	0	0	-	0	-	0
TOTAL	0	273	2,566	4,638	28	0	0	0	0	0	0	0
MAXIMUM DAY	0	75	118	168	28	0	0	0	0	0	0	0
MINIMUM DAY	0	0	71	118	0	0	0	0	0	0	0	0
MEAN	0	10	83	155	1	0	0	0	0	0	0	0
NET AC. FT.	0	541	5,090	9,199	56	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	541	5,090	9,199	56	0	0	0	0	0	0	0

WHOLE YEAR:- TOTAL, 7,505 MAX., 168 MIN., 0 MEAN, 21 TOTAL AC.FT., 14,886

DISCHARGE IN CUBIC FEET PER SECOND

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

Year: 2005

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	0	0	0	0	0	0	0	89	0	0	0
2	0	0	0	0	0	0	0	0	82	0	0	0
3	0	0	0	0	0	0	0	0	73	0	0	0
4	0	0	0	0	0	0	0	0	69	0	0	0
5	4	0	0	0	0	0	0	0	70	0	0	0
6	0	0	0	0	0	0	0	0	75	0	0	0
7	0	0	0	0	0	0	0	0	91	0	0	0
8	0	0	0	0	0	0	0	0	93	0	0	0
9	0	0	0	0	0	0	0	0	91	0	0	0
10	0	0	0	0	0	0	0	0	76	0	0	0
11	0	0	0	0	0	0	0	0	75	0	0	0
12	0	0	0	0	0	0	0	0	72	0	0	0
13	0	0	0	0	0	0	0	0	72	0	0	0
14	0	0	0	0	0	0	0	0	75	0	0	0
15	0	0	0	0	0	0	0	0	55	0	0	0
16	0	0	0	0	0	0	0	0	52	0	0	0
17	0	0	0	0	0	0	0	0	36	0	0	0
18	0	1	0	0	0	0	0	0	36	0	0	0
19	0	0	0	0	0	0	0	0	36	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	3	0	0	0	0	0	0	0	0	0	0
29	0	-	0	0	0	0	0	0	0	0	0	0
30	0	-	0	0	0	0	0	0	0	0	0	0
31	0	-	0	-	0	-	0	0	-	0	-	0
TOTAL	4	4	0	0	0	0	0	0	1,318	0	0	0
MAXIMUM DAY	4	3	0	0	0	0	0	0	93	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	44	0	0	0
TOTAL AC. FT.	8	8	0	0	0	0	0	0	2,614	0	0	0

WHOLE YEAR:- TOTAL, 1,326 MAX., 93 MIN., 0 MEAN, 4 TOTAL AC.FT., 2,630

North Kern WSD Diverted to Cawelo Water District

DISCHARGE IN CUBIC FEET PER SECOND (Non-Kern River) Year: 2005

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	0	0	0	1	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	18	0	0	0	0	0
4	0	0	0	0	0	0	22	0	0	0	0	0
5	0	0	0	0	0	0	16	0	0	0	0	0
6	0	0	0	0	0	0	15	0	0	0	0	0
7	0	0	0	0	0	0	17	0	0	0	0	0
8	0	0	0	0	0	0	17	0	0	0	0	0
9	0	0	0	0	0	0	18	0	0	0	0	0
10	0	0	0	0	1	0	17	0	0	0	0	0
11	0	0	0	0	0	0	17	0	0	0	0	0
12	0	0	0	0	0	0	15	0	0	0	0	0
13	0	0	0	0	1	0	14	1	0	0	0	0
14	0	0	0	0	1	0	19	1	0	0	0	0
15	0	0	0	0	1	0	14	0	0	0	0	0
16	0	0	0	0	1	1	16	0	0	0	0	0
17	0	0	0	0	1	0	16	1	0	0	0	0
18	0	0	0	1	1	2	15	1	0	0	0	0
19	0	0	0	10	1	0	15	5	0	0	0	0
20	0	0	0	15	1	0	11	2	0	5	0	0
21	0	0	0	20	2	1	1	1	0	0	0	0
22	0	0	0	16	1	3	0	0	0	0	0	0
23	0	0	0	18	0	0	0	0	0	0	0	0
24	0	0	0	9	0	0	0	0	0	0	0	0
25	0	0	0	1	0	0	0	0	0	0	0	0
26	0	0	0	2	0	0	0	0	0	0	0	0
27	0	0	0	2	0	1	0	0	0	0	0	0
28	0	0	0	3	1	0	0	0	0	0	0	0
29	0	-	0	3	2	0	0	0	0	0	0	0
30	0	-	0	3	5	0	0	0	0	0	0	0
31	0	-	0	-	0	-	0	0	-	0	-	0
TOTAL	0	0	0	103	21	8	293	12	0	5	0	0
MAXIMUM DAY	0	0	0	20	5	3	22	5	0	5	0	0
MINIMUM DAY	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	3	1	0	9	0	0	0	0	0
TOTAL AC. FT.	0	0	0	204	41	15	581	23	0	10	0	0

WHOLE YEAR:- TOTAL, 442 MAX., 22 MIN., 0 MEAN, 1 TOTAL AC.FT., 874

DISCHARGE IN CUBIC FEET PER SECOND

North Kern WSD Diverted to Nickel Family LLC
(Via Kern Water Bank Canal to West Kern WD)

Year: 2005

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	0	0	0	0	0	0	127	0	0	0	0
2	0	0	0	0	0	0	0	128	0	0	0	0
3	0	0	0	0	0	0	0	126	0	0	0	0
4	0	0	0	0	0	0	0	128	0	0	0	0
5	0	0	0	0	0	0	0	128	0	0	0	0
6	0	0	0	0	0	0	0	127	0	0	0	0
7	0	0	0	0	0	0	0	128	0	0	0	0
8	0	0	0	0	0	0	0	128	0	0	0	0
9	0	0	0	0	0	0	0	104	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	4	0	0	0	0	0
30	0	-	0	0	0	0	125	0	0	0	0	0
31	0	-	0	-	0	-	124	0	-	0	-	0
TOTAL	0	0	0	0	0	0	253	1,124	0	0	0	0
MAXIMUM DAY	0	0	0	0	0	0	125	128	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	8	36	0	0	0	0
TOTAL AC. FT.	0	0	0	0	0	0	502	2,230	0	0	0	0

WHOLE YEAR:- TOTAL, 1,377 MAX., 128 MIN., 0 MEAN, 4 TOTAL AC.FT., 2,732

DISCHARGE IN CUBIC FEET PER SECOND

North Kern WSD Diverted to Nickel Family LLC
(For Improvement District No. 4)

Year: 2005

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	26	0	0	0
4	0	0	0	0	0	0	0	0	93	0	0	0
5	0	0	0	0	0	0	0	0	101	0	0	0
6	0	0	0	0	0	0	0	0	90	0	0	0
7	0	0	0	0	0	0	0	0	87	0	0	0
8	0	0	0	0	0	0	0	0	87	0	0	0
9	0	0	0	0	0	0	0	0	84	0	0	0
10	0	0	0	0	0	0	0	0	104	0	0	0
11	0	0	0	0	0	0	0	0	68	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	13	0	0	0	0
23	0	0	0	0	0	0	0	102	0	0	0	0
24	0	0	0	0	0	0	0	95	0	0	0	0
25	0	0	0	0	0	0	0	96	0	0	0	0
26	0	0	0	0	0	0	0	96	0	0	0	0
27	0	0	0	0	0	0	0	84	0	0	0	0
28	0	0	0	0	0	0	0	86	0	0	0	0
29	0	-	0	0	0	0	0	88	0	0	0	0
30	0	-	0	0	0	0	0	81	0	0	0	0
31	0	-	0	-	0	-	0	78	-	0	-	0
TOTAL	0	0	0	0	0	0	0	819	740	0	0	0
MAXIMUM DAY	0	0	0	0	0	0	0	102	104	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	26	25	0	0	0
TOTAL AC. FT.	0	0	0	0	0	0	0	1,624	1,468	0	0	0

WHOLE YEAR:- TOTAL, 1,559 MAX., 104 MIN., 0 MEAN, 4 TOTAL AC.FT., 3,092

DISTRIBUTION OF FRIANT-KERN WATER
for
North Kern Water Storage District

All figures reflect gross diversions...

Quantities in acre-feet

Year: 2005

		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
Friant-Kern Inflow to Kern River Channel	+	**0**	**0**	**2,642**	**305**	**6,138**	**3,073**	**0**	**0**	**0**	**0**	**0**	**0**	**12,158**
K-TWD to NKWSD (RRBWSD Exchange)	-	0	0	2,642	0	0	0	0	0	0	0	0	0	2,642
K-TWD to NKWSD (BVWSD Exchange)	-	0	0	0	0	107	3,073	0	0	0	0	0	0	3,180
NKWSD Section 215 Contract to BVWSD	-	0	0	0	305	6,031	0	0	0	0	0	0	0	6,336
Other	=	0	0	0	0	0	0	0	0	0	0	0	0	0
Friant-Kern Inflow to NKWSD 8-1 Lateral	+	**0**	**0**	**4,887**	**11,140**	**11,574**	**8,813**	**915**	**1,313**	**2,912**	**0**	**0**	**0**	**41,554**
K-TWD to NKWSD	-	0	0	4,887	10,801	6,111	2,154	0	0	0	0	0	0	23,953
NKWSD Section 215 Contract	-	0	0	0	339	5,463	4,660	0	0	0	0	0	0	10,462
Tulare ID	=	0	0	0	0	0	1,999	915	1,313	2,912	0	0	0	7,139
Friant-Kern Inflow to Poso Creek	+	**0**	**0**	**0**	**3,991**	**10,015**	**5,573**	**334**	**0**	**0**	**0**	**0**	**0**	**19,913**
K-TWD to NKWSD	-	0	0	0	1,386	126	2,046	0	0	0	0	0	0	3,558
NKWSD Section 215 Contract	-	0	0	0	330	5,281	792	0	0	0	0	0	0	6,403
Semitropic WSD	-	0	0	0	2,275	4,608	2,735	334	0	0	0	0	0	9,952
Friant-Kern Floodwater	=	0	0	0	0	0	0	0	0	0	0	0	0	0
Friant-Kern Inflow for North Kern WSD	=	**0**	**0**	**7,529**	**15,436**	**27,727**	**17,459**	**1,249**	**1,313**	**2,912**	**0**	**0**	**0**	**73,625**

DISCHARGE IN CUBIC FEET PER SECOND

Buena Vista Water Storage District Diverted to North Kern WSD
(Per terms of BVWSD/NKWSD letter agreement dated April 28, 2005)

Year: 2005

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	0	0	0	100	99	0	0	0	0	0	0
2	0	0	0	0	100	100	0	0	0	0	0	0
3	0	0	0	0	100	100	0	0	0	0	0	0
4	0	0	0	0	100	100	0	0	0	0	0	0
5	0	0	0	0	100	100	0	0	0	0	0	0
6	0	0	0	0	99	100	0	0	0	0	0	0
7	0	0	0	0	100	100	0	0	0	0	0	0
8	0	0	0	0	100	100	0	0	0	0	0	0
9	0	0	0	0	100	100	0	0	0	0	0	0
10	0	0	0	0	100	100	0	0	0	0	0	0
11	0	0	0	0	100	99	0	0	0	0	0	0
12	0	0	0	0	99	100	0	0	0	0	0	0
13	0	0	0	0	100	99	0	0	0	0	0	0
14	0	0	0	0	100	103	0	0	0	0	0	0
15	0	0	0	0	100	102	0	0	0	0	0	0
16	0	0	0	0	100	47	0	0	0	0	0	0
17	0	0	0	0	100	0	0	0	0	0	0	0
18	0	0	0	0	100	0	0	0	0	0	0	0
19	0	0	0	0	99	0	0	0	0	0	0	0
20	0	0	0	0	100	0	0	0	0	0	0	0
21	0	0	0	0	100	0	0	0	0	0	0	0
22	0	0	0	0	100	0	0	0	0	0	0	0
23	0	0	0	0	100	0	0	0	0	0	0	0
24	0	0	0	0	99	0	0	0	0	0	0	0
25	0	0	0	0	100	0	0	0	0	0	0	0
26	0	0	0	0	100	0	0	0	0	0	0	0
27	0	0	0	0	100	0	0	0	0	0	0	0
28	0	0	0	0	100	0	0	0	0	0	0	0
29	0	-	0	54	100	0	0	0	0	0	0	0
30	0	-	0	100	100	0	0	0	0	0	0	0
31	0	-	0	-	99	-	0	0	-	0	-	0
TOTAL	0	0	0	154	3,095	1,549	0	0	0	0	0	0
MAXIMUM DAY	0	0	0	100	100	103	0	0	0	0	0	0
MINIMUM DAY	0	0	0	0	99	0	0	0	0	0	0	0
MEAN	0	0	0	5	100	52	0	0	0	0	0	0
TOTAL AC. FT.	0	0	0	305	6,138	3,073	0	0	0	0	0	0

WHOLE YEAR:- TOTAL, 4,798 MAX., 103 MIN., 0 MEAN, 13 TOTAL AC.FT., 9,516

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

Quantities in acre-feet

2003	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
NKWSD to CITY	3,383	0	36	0	0	0	0	0	0	0	0	2,756	6,175
CITY to NKWSD	0	0	2,859	4,298	712	0	0	0	0	0	0	0	7,869
Other Purchase Rate	0	0	0	0	0	0	0	0	0	0	0	0	0
CITY Debit to NKWSD	39,168	39,168	36,345	32,047	31,335	31,335	31,335	31,335	31,335	31,335	31,335	34,091	

2004													
NKWSD to CITY	3,342	0	0	0	0	0	0	0	0	0	0	0	3,342
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	37,433	37,433	37,433	37,433	37,433	37,433	37,433	37,433	37,433	37,433	37,433	37,433	

2005													
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	37,433	37,433	37,433	37,433	37,433	37,433	37,433	37,433	37,433	37,433	37,433	37,433	

Long Term Recapitulation

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

Quantities in acre-feet

Year: 2005

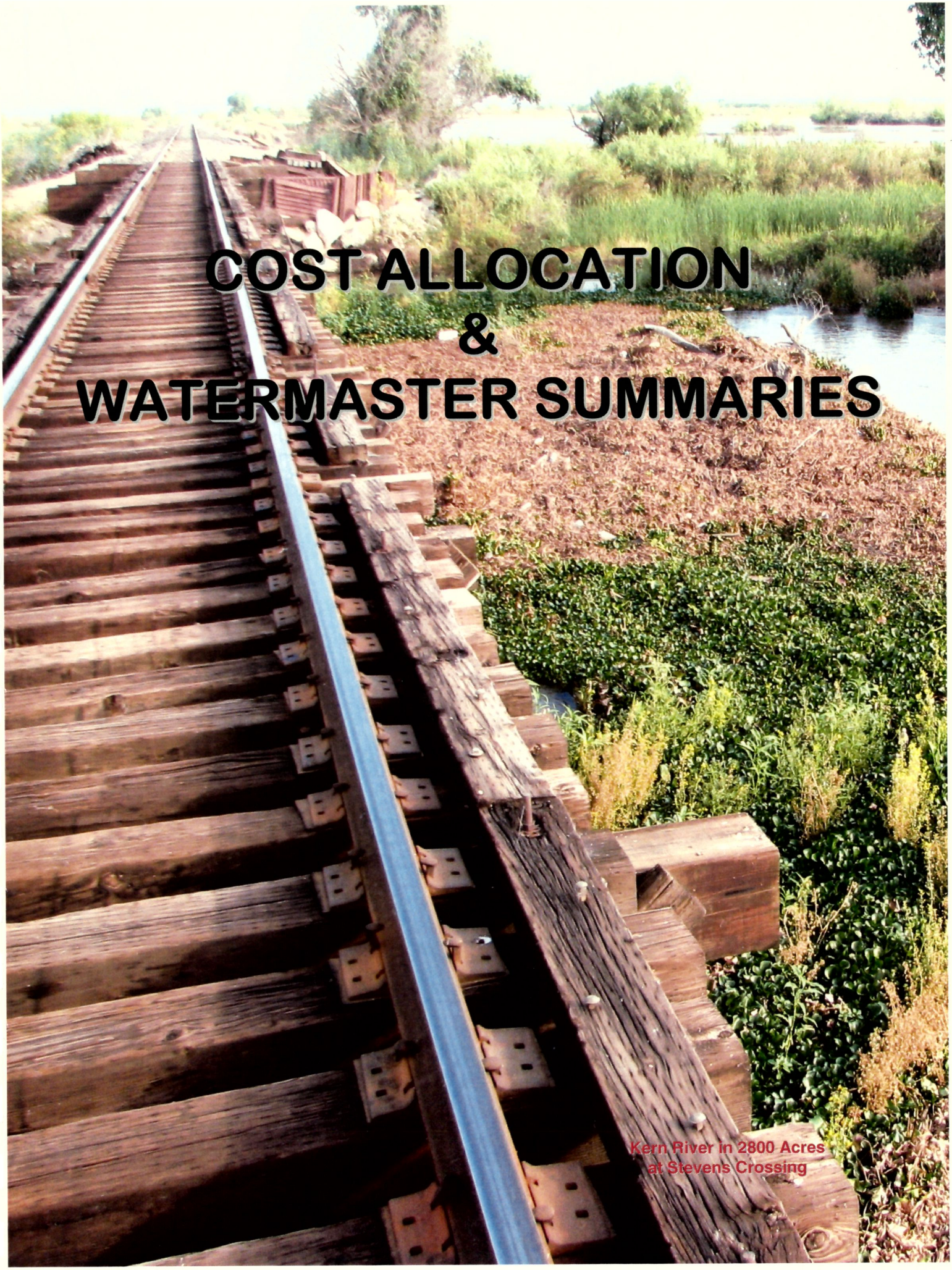
YEAR	NORTH KERN WSD TO CITY OF BAKERSFIELD	CITY OF BAKERSFIELD TO NORTH KERN WSD	END OF YEAR RUNNING BALANCE (City owes NKWSD)
1962	0	0	323 (1)
1963	35,025	24,094 (2)	11,254
1964	16,200	50,649	(23,195)
1965	46,532	11,783	11,554
1966	27,669	43,130	(3,907)
1967	18,836	18,799	(3,870)
1968	50,370	62,220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

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



Kern River in 2800 Acres at Stevens Crossing

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

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

Quantities in acre-feet

Year: 2005

	2001	2002	2003	2004	2005	Five Year Total	Allocation Percentage
Carrier Canal at Head	189,997	205,190	208,245	189,266	232,937	1,025,635	99.82%
Oilfield Discharge	184	121	0	0	880	1,185	0.12%
Storm Drain Inflow	141	121	99	129	162	652	0.06%
TOTAL CARRIER CANAL FLOW	**190,322**	**205,432**	**208,344**	**189,395**	**233,979**	**1,027,472**	**100.00%**
Kern Island Canal (1)	130,955	138,274	147,653	137,612	148,478	702,972	68.42%
Eastside Canal	13,816	13,928	14,079	12,285	14,826	68,934	6.71%
Kern Delta WD via Levee #1	17,835	15,146	30,735	26,735	53,371	143,822	14.00%
KERN DELTA WATER DISTRICT TOTAL	**162,606**	**167,348**	**192,467**	**176,632**	**216,675**	**915,728**	**89.13%**
Via Kern Island Canal	0	0	1,154	0	0	1,154	0.11%
Carrier Waste Gate	0	32	562	202	28	824	0.08%
Kern River Conduit via Levee #1	27,716	38,052	14,161	12,561	17,276	109,766	10.68%
CITY OF BAKERSFIELD TOTAL	**27,716**	**38,084**	**15,877**	**12,763**	**17,304**	**111,744**	**10.87%**

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: 2005

	2001	2002	2003	2004	2005	Five Year Total	Allocation Percentage
TOTAL CARRIER CANAL FLOW (1)	**71,528**	**42,613**	**80,549**	**62,922**	**214,510**	**472,122**	**100.00%**
Stine Canal Total Diverted (2)	0	1,407	23,908	15,214	35,290	75,819	16.06%
Arvin-Edison Turnout Total Diverted (2)	0	0	54	0	0	54	0.01%
Buena Vista Canal Total Diverted (2)	17,027	18,546	30,968	20,033	38,233	124,807	26.44%
River Canal Total Diverted (3)	2,253	730	1,519	577	167	5,246	1.11%
KERN DELTA WATER DISTRICT TOTAL DIVERTED FROM CARRIER CANAL	**19,280**	**20,683**	**56,449**	**35,824**	**73,690**	**205,926**	**43.62%**
KERN RIVER CONDUIT (City of Bakersfield)	**52,248**	**21,930**	**24,100**	**27,098**	**140,820**	**266,196**	**56.38%**

Notes: (1) Sum of Carrier Canal flow at Oak Street and River Canal inflow.
(2) Sum of headgate diversion and pro-rated/direct share of Carrier Canal loss.
(3) Includes diversions to Pioneer Project via River Canal.

CALLOWAY AND BEARDSLEY CANALS

Allocation of Joint Accounts
2005

CALLOWAY CANAL USED

Preceding Ten Years

Year	Diverted via Calloway Canal				
	NKWSD	CITY	Subtotal	ID4	TOTAL
1996	40,699	7,266	47,965	39,140	87,105
1997	59,207	14,927	74,134	46,814	120,948
1998	97,572	10,684	108,256	33,124	141,380
1999	11,873	611	12,484	30,624	43,108
2000	97	0	97	32,258	32,355
2001	0	0	0	9,034	9,034
2002	0	0	0	24,450	24,450
2003	0	0	0	10,688	10,688
2004	0	0	0	19,126	19,126
2005	43,729	4,460	48,189	27,597	75,786
Total	253,177	37,948	291,125	272,855	563,980
Percent	**86.97%**	**13.03%**	**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				
2001	76,123	593	76,716	10,743	87,459	47,167	134,626
2002	68,052	103	68,155	10,287	78,442	55,745	134,187
2003	106,579	488	107,067	10,711	117,778	61,560	179,338
2004	110,049	350	110,399	10,425	120,824	53,989	174,813
2005	198,183	9,188	207,371	15,746	223,117	67,068	290,185
Total	558,986	10,722	569,708	57,912	627,620	285,529	913,149
Percent	**89.06%**	**1.71%**	**90.77%**	**9.23%**	**100.00%**		

IMPROVEMENT DISTRICT NO. 4 USE OF CALLOWAY CANAL

Pursuant to Calloway Canal Agreement dated April 28, 1982

Quantities in acre-feet except where noted...

Year: 2005

		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
	Operating Loss	38	157	171	184	203	226	238	223	193	175	109	0	1,917
	Treatment Plant	177	1,116	1,394	2,142	2,743	3,299	3,739	3,248	2,731	2,426	1,305	0	24,320
	Reverse Flow via Pump Plant #7	0	0	0	0	0	0	0	0	0	0	0	0	0
E	CVC Extension Losses	0	0	0	0	0	0	0	0	0	0	0	0	0
A R	T.O. #4 to River	0	0	0	0	0	0	0	0	0	0	0	0	0
S E	Loss to Buck Owens Weir	36	145	111	106	54	115	0	67	28	63	30	0	755
T A	Western Reach Flow	18	2,440	1,341	264	1,350	3,545	0	865	0	1,087	522	0	11,432
E C	Trans. Charge Waived	0	0	0	0	0	0	0	0	0	0	0	0	0
R H	SUB-TOTAL DIVERSION	269	3,858	3,017	2,696	4,350	7,185	3,977	4,403	2,952	3,751	1,966	0	38,424
N	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	1.509	1.509	1.509	1.509	1.509	1.509	1.509	1.509	1.509	1.509	1.509	1.509	
	Current Rate	$1.13	$1.13	$1.13	$1.13	$1.13	$1.13	$1.13	$1.13	$1.13	$1.13	$1.13	$1.13	
	SUB-TOTAL CHARGE	$303.97	$4,359.54	$3,409.21	$3,046.48	$4,915.50	$8,119.05	$4,494.01	$4,975.39	$3,335.76	$4,238.63	$2,221.58	$0.00	$43,419.12
W	Bartell Spreading	0	0	0	0	0	0	0	0	0	0	0	0	0
E R	Loss Below Buck Owens Weir	18	2,440	1,341	264	1,350	3,545	0	865	0	1,087	522	0	11,432
S E	NKWSD Exchange Delivery	0	0	0	0	0	0	0	0	0	0	0	0	0
T A	Trans. Charge Waived	0	0	0	0	0	0	0	0	0	0	0	0	0
E C	SUB-TOTAL DIVERSION	18	2,440	1,341	264	1,350	3,545	0	865	0	1,087	522	0	11,432
R H	Current Rate	$1.13	$1.13	$1.13	$1.13	$1.13	$1.13	$1.13	$1.13	$1.13	$1.13	$1.13	$1.13	
N	SUB-TOTAL CHARGE	$20.34	$2,757.20	$1,515.33	$298.32	$1,525.50	$4,005.85	$0.00	$977.45	$0.00	$1,228.31	$589.86	$0.00	$12,918.16
	TOTAL CHARGE	**$324.31**	**$7,116.74**	**$4,924.54**	**$3,344.80**	**$6,441.00**	**$12,124.90**	**$4,494.01**	**$5,952.84**	**$3,335.76**	**$5,466.94**	**$2,811.44**	**$0.00**	**$56,337.28**

HYDROGRAPHIC SUMMARY

UTILIZATION OF WATER - FIRST POINT GROUP - PRECEDING FIVE YEARS

Quantities in acre-feet

Year: 2005

Canal	2001	2002	2003	2004	2005	Five Year Total	Percentage
Kern Island	124,148	127,900	145,502	133,708	139,507	670,765	31.53%
Eastside	13,816	13,928	14,079	12,285	14,440	68,548	3.22%
Buena Vista	11,263	12,827	20,577	13,153	29,433	87,253	4.10%
Stine	5,930	7,719	19,184	13,482	32,590	78,905	3.71%
Farmers	5,224	7,710	14,608	10,745	18,828	57,115	2.68%
Subtotal Kern Delta WD	**160,381**	**170,084**	**213,950**	**183,373**	**234,798**	**962,586**	**45.24%**
City of Bakersfield	44,026	33,208	64,582	41,589	276,251	459,656	21.61%
K.R.C. & I. Co. (Beardsley)	8,460	7,960	8,395	9,085	5,673	39,573	1.86%
Central - I.D. #4 (Calloway)	9,034	24,450	10,688	19,126	27,597	90,895	4.27%
James	0	0	0	0	0	0	0.00%
Pioneer	2,179	0	0	0	0	2,179	0.10%
Subtotal City of Bakersfield	**63,699**	**65,618**	**83,665**	**69,800**	**309,521**	**592,303**	**27.84%**
North Kern WSD	**80,299**	**52,551**	**108,374**	**104,012**	**227,488**	**572,724**	**26.92%**
Total First Point Group	**304,379**	**288,253**	**405,989**	**357,185**	**771,807**	**2,127,613**	**100.00%**
South Fork	474	160	162	114	112		
First Point Passing 2nd Point	0	0	0	0	1,085		
River Loss and Spreading	37,914	57,115	46,399	28,787	70,808		
Flow Above First Point	2,847	3,163	8,383	18,107	16,901		
Total 1st Point Group Diverted	**345,614**	**348,691**	**460,933**	**404,193**	**860,713**		

- 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: 2005

Year	Acre-Foot Days of Irrigation Storage			Isabella O&M Charges (2)
	NKWSD (1)	BVWSD	Total A.F.D.	
2001	21,539,350	19,955,860	41,495,210	(3) $366,015
2002	20,532,190	13,690,799	34,222,989	$366,015
2003	37,777,781	21,519,712	59,297,493	(4) $0
2004	27,597,821	17,108,460	44,706,281	$71,928
2005	66,555,427	31,501,098	98,056,525	$71,928
5-Year Totals	174,002,569	103,775,929	277,778,498	$875,886

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

- Total 5-Year Operation & Interest Charge..... $2,019,136

$$\frac{\text{Total 5-Year Cost}}{\text{Total 5-Year Use}} = \frac{\$2{,}019{,}136}{277{,}778{,}498} = \$0.0072689$$

Rental Charge Per Acre-Foot Day

TOTAL 2005 HACIENDA WD Acre-Foot Storage Days = 11,325,142

TOTAL 2005 HACIENDA WD Share of 2005 Storage Costs = $82,321.32

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

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

(3) Reflects revised Isabella Reservoir O&M Charges for years 2001-2003 pursuant to Corps of Engineers billing statement dated February 1, 2000...

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

KERN COUNTY RECREATION POOL REPORT
FROM THE KERN RIVER WATERMASTER

Quantities in acre-feet
except where noted...

Year: 2005

	Total Storage in Reservoir	Total Water Surface Area (Acres)	Area Attributable to Rec. Pool (Acres)	Total Reservoir Loss	County of Kern	
					Ming Lake Net Inflow	Recreation Pool Loss
End of Previous Year	94,083	4,021	965			
January	130,775	5,041	820	486	16	83
February	145,401	5,407	775	718	16	101
March	201,510	6,648	635	1,341	44	159
April	292,162	8,234	480	2,541	60	196
May	489,751	10,672	315	5,040	77	196
June	528,884	11,069	305	8,194	105	222
July	458,543	10,343	330	10,526	127	307
August	360,329	9,190	400	8,963	121	335
September	301,380	8,373	465	6,010	91	292
October	261,248	7,741	525	3,866	65	236
November	244,606	7,456	550	2,604	42	190
December	246,549	7,490	550	1,016	26	73
			TOTALS	51,305	790	2,390

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: 2005

CALENDAR YEAR

	FIRST	POINT	ENTITLEMENT		
	REGULATED	NATURAL	NKWSD	BVWSD	HWD
JANUARY	34,455	71,631	66,291	5,340	0
To Date	34,455	71,631	66,291	5,340	0
FEBRUARY	33,256	48,599	48,599	0	0
	67,711	120,230	114,890	5,340	0
MARCH	36,881	94,332	70,007	24,325	0
	104,592	214,562	184,897	29,665	0
APRIL	38,928	132,119	94,574	37,545	0
	143,520	346,681	279,471	67,210	0
MAY	86,217	288,847	159,216	101,353	28,278
	229,737	635,528	438,687	168,563	28,278
JUNE	191,024	238,352	129,868	77,302	31,182
	420,761	873,880	568,555	245,865	59,460
JULY	188,997	129,182	77,616	33,586	17,980
	609,758	1,003,062	646,171	279,451	77,440
AUGUST	137,561	48,311	38,806	9,505	0
	747,319	1,051,373	684,977	288,956	77,440
SEPTEMBER	78,554	25,615	25,615	0	0
	825,873	1,076,988	710,592	288,956	77,440
OCTOBER	60,066	23,800	23,800	0	0
	885,939	1,100,788	734,392	288,956	77,440
NOVEMBER	35,747	21,707	21,707	0	0
	921,686	1,122,495	756,099	288,956	77,440
DECEMBER	30,654	33,614	33,614	0	0
Year	952,340	1,156,109	789,713	288,956	77,440

1894 to 2005 Mean April-July Runoff = 467,323 acre-feet (100% of Average)
2005 April-July Runoff = 788,500 acre-feet (169% of Average)

WATER YEAR

	FIRST	POINT	ENTITLEMENT		
	REGULATED	NATURAL	NKWSD	BVWSD	HWD
OCTOBER	15,009	13,031	13,031	0	0
To Date	15,009	13,031	13,031	0	0
NOVEMBER	14,041	14,507	14,507	0	0
	29,050	27,538	27,538	0	0
DECEMBER	16,589	17,143	17,143	0	0
	45,639	44,681	44,681	0	0
JANUARY	34,455	71,631	66,291	5,340	0
	80,094	116,312	110,972	5,340	0
FEBRUARY	33,256	48,599	48,599	0	0
	113,350	164,911	159,571	5,340	0
MARCH	36,881	94,332	70,007	24,325	0
	150,231	259,243	229,578	29,665	0
APRIL	38,928	132,119	94,574	37,545	0
	189,159	391,362	324,152	67,210	0
MAY	86,217	288,847	159,216	101,353	28,278
	275,376	680,209	483,368	168,563	28,278
JUNE	191,024	238,352	129,868	77,302	31,182
	466,400	918,561	613,236	245,865	59,460
JULY	188,997	129,182	77,616	33,586	17,980
	655,397	1,047,743	690,852	279,451	77,440
AUGUST	137,561	48,311	38,806	9,505	0
	792,958	1,096,054	729,658	288,956	77,440
SEPTEMBER	78,554	25,615	25,615	0	0
Year	871,512	1,121,669	755,273	288,956	77,440

1894 to 2005 Mean March-October Runoff = 600,300 acre-feet (100% of Average)
2005 March-October Runoff = 980,558 acre-feet (163% of Average)

REPORT OF THE KERN RIVER WATERMASTER

RECAPITULATION 2005

QUANTITIES IN ACRE-FEET EXCEPT WHERE NOTED...

	ISABELLA RESERVOIR									NORTH KERN WATER STORAGE DISTRICT						BUENA VISTA WATER STORAGE DISTRICT								KERN COUNTY	HACIENDA WATER DISTRICT					
	Elevation (feet)	Storage	Loss	Flow At First Point	Flow Above First Point	First Point Regulated Flow	Change in Storage + Loss + 1st Pt. Regulated Flow	Computed 1st Point Natural Flow	Mean Reservoir Storage	Ent'l At First Point	Flow Above First Point	Flow At First Point	Reservoir Storage	Reservoir Loss	Transfer *or* Exchange *in* Storage	Entitlement At 1st Point	Entitlement At 2nd Point	Flow Above 1st Point	Flow At 1st Point	Flow At 2nd Point	Reservoir Storage	Reservoir Loss	Rec. Pool Loss	Entitlement Contributed by: NKWSD	Entitlement Contributed by: BVWSD	Flow Above 1st Point	Flow At 1st Point	Reservoir Storage	Reservoir Loss
Carry Over	2545.19	94083							94083				40212								23687							0	
JAN	2553.30	130775	486	33638	817	34455	71631	71631	130775	66291	817	30550	74800	339	0	5340	0	0	863	2225	25791	147	83	0	0	0	0	0	0
FEB	2556.10	145401	718	32541	715	33256	48599	48599	145401	48599	715	24935	97183	567	0	0	0	0	601	7005	18034	151	101	0	0	0	0	0	0
MAR	2565.41	201510	1341	35897	984	36881	94332	94332	201510	70007	984	32845	132279	1081	0	0	24325	0	3052	0	39047	260	159	0	0	0	0	0	0
APR	2577.58	292162	2541	37722	1206	38928	132119	132119	292162	94574	1122	33652	190184	1896	0	0	37545	84	4070	0	71794	645	196	0	0	0	0	0	0
MAY	2598.42	489751	5040	84783	1434	86217	288847	288847	489751	159216	1339	67067	277613	3379	0	0	101353	95	13541	4175	153844	1492	196	23813	4465	0	0	28110	169
JUN	2602.02	528884	8194	189189	1835	191024	238352	238352	528884	129868	1696	128392	272674	4719	0	0	77302	139	21015	39782	167454	2755	222	25670	5512	0	0	58572	720
JUL	2595.45	458543	10526	186944	2053	188997	129182	129182	458543	77616	1883	144941	198069	5396	0	0	33586	170	21678	20325	155212	3656	307	14739	3241	0	0	75078	1474
AUG	2585.40	360329	8963	135338	2223	137561	48311	48311	360329	38806	2049	84727	145976	4124	0	0	9505	174	27246	10355	123630	3310	335	0	0	0	13010	60539	1529
SEP	2578.69	301380	6010	76721	1833	78554	25615	25615	301380	25615	1705	37800	126012	2728	(1) 3347	0	0	128	27489	3406	90466	2140	292	0	0	0	8026	54718	1142
OCT	2573.71	261248	3866	58566	1500	60066	23800	23800	261248	23800	1417	29756	116705	1934	0	0	0	83	12215	2866	74077	1226	236	0	0	0	13729	40282	706
NOV	2571.52	244606	2604	34368	1379	35747	21707	21707	244606	21707	1340	25411	110290	1374	0	0	0	39	3019	1488	68703	827	190	0	0	0	4450	35429	403
DEC	2571.78	246549	1016	29732	922	30654	33614	33614	246549	33614	911	29369	115081	552	(2) 2012	0	0	11	363	0	68001	319	73	0	0	0	0	33283	145
Total			51305	935439	16901	952340	1156109	1156109		789713	15978	669445		28089	5359	5340	283616	923	135152	91627		16928	2390	64222	13218	0	39215		6288

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

NOTES: (1) NKWSD to HWD
(2) HWD to NKWSD (2002); BVWSD to NKWSD (10)

By: Steve Lafond Date: February 6, 2006

QUANTITIES IN ACRE-FEET

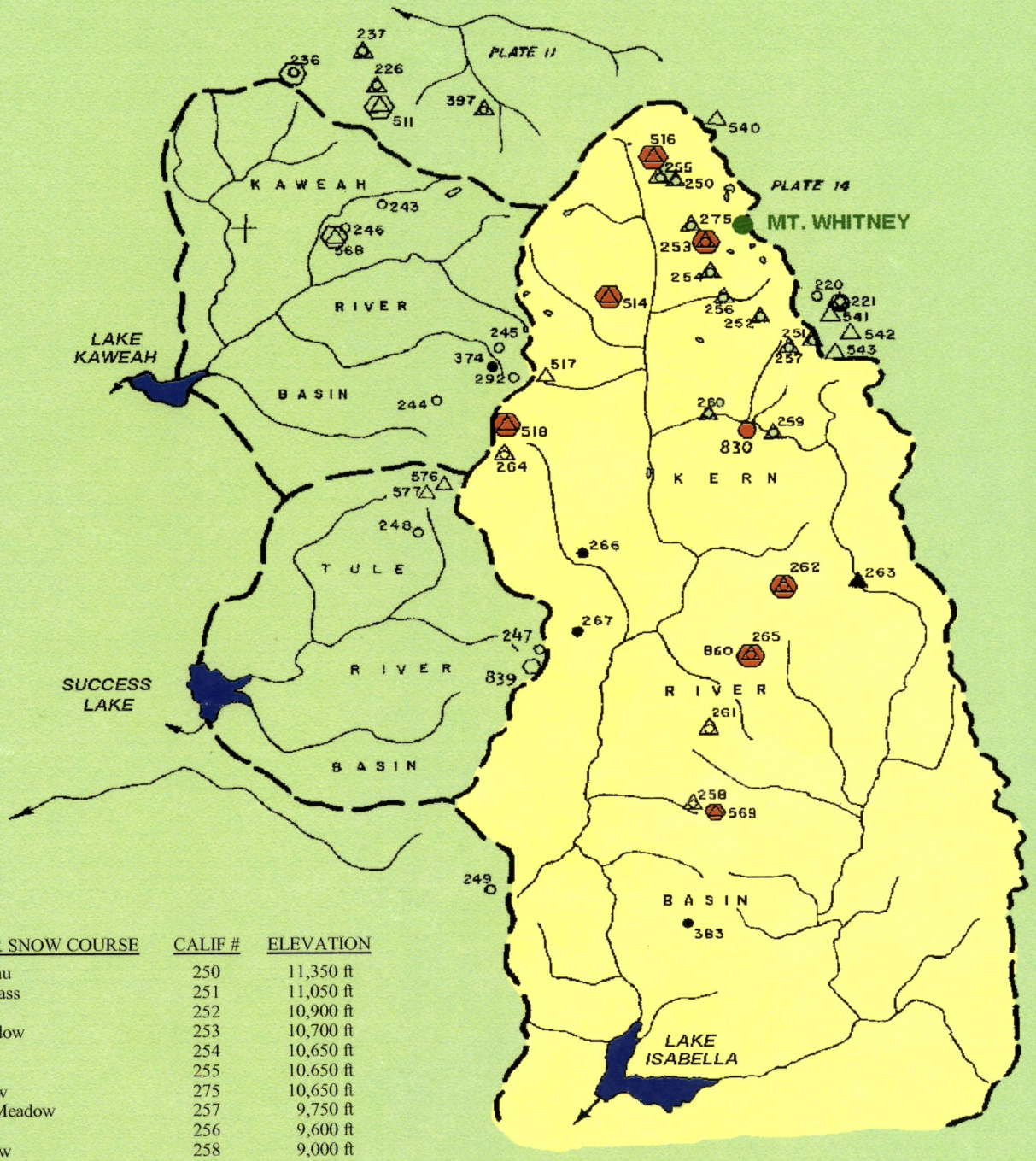
Isabella Dam & Reservoir
Midnight Storage Recapitulation

Year: 2005

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	94,123	130,977	146,052	203,377	295,218	496,280	528,773	455,032	357,944	299,792	260,087	244,680
2	94,123	131,179	146,703	205,456	298,790	502,744	529,105	451,331	355,749	298,123	258,700	246,474
3	94,123	131,382	147,412	207,411	302,552	508,814	529,438	447,131	353,834	296,378	257,317	247,374
4	94,123	131,686	148,122	209,856	306,679	513,715	528,773	442,646	351,743	294,721	256,013	247,675
5	94,083	131,989	148,890	212,043	311,944	517,653	527,558	438,588	349,659	293,152	254,943	247,825
6	94,043	132,294	149,660	214,105	317,082	521,053	525,902	434,647	347,490	291,585	253,877	247,975
7	94,083	132,548	150,487	216,388	321,746	523,253	524,576	430,524	345,328	290,025	252,735	248,051
8	94,123	132,905	151,430	218,966	326,008	524,576	523,035	426,818	343,261	288,306	251,673	248,126
9	98,703	133,159	152,543	221,771	330,828	525,349	521,493	423,031	341,113	286,919	250,537	248,350
10	106,739	133,465	153,942	224,244	335,774	526,452	519,626	419,554	339,061	285,533	249,632	248,877
11	114,429	133,670	155,688	226,589	339,774	527,779	516,995	416,094	337,015	284,072	248,802	249,330
12	117,778	133,875	157,675	228,951	343,530	529,216	514,589	412,744	335,064	282,534	248,051	249,103
13	119,288	134,131	159,966	231,543	347,490	530,880	512,079	409,408	333,119	280,920	247,299	248,651
14	120,285	134,438	162,394	234,296	352,107	533,433	509,358	405,891	331,004	279,150	246,774	248,275
15	120,953	134,747	164,436	237,288	357,485	535,546	506,857	403,846	328,896	277,785	246,474	247,750
16	121,432	135,004	166,256	240,600	364,384	537,552	504,474	400,933	326,708	276,586	246,176	247,149
17	121,913	135,314	167,913	244,309	371,629	538,557	501,879	398,223	324,788	275,467	245,951	246,474
18	122,345	136,036	169,580	248,275	378,474	538,222	498,968	395,812	323,049	274,752	245,726	246,101
19	122,732	136,919	171,318	252,659	386,048	536,773	496,065	393,408	321,225	273,637	245,502	246,176
20	123,166	137,804	173,430	256,703	394,463	535,435	492,851	390,819	319,323	272,368	245,502	246,026
21	123,797	139,008	175,252	260,319	403,068	534,212	489,751	387,952	317,513	271,182	245,427	245,726
22	124,478	140,483	177,888	263,886	411,761	533,656	486,767	384,906	315,536	270,155	245,352	245,652
23	124,967	141,649	182,542	267,480	420,150	533,211	483,897	381,874	313,566	269,131	245,352	245,951
24	125,555	142,607	185,623	271,103	428,919	532,988	481,248	378,946	311,602	268,030	245,278	245,951
25	126,538	143,410	188,161	274,433	437,474	532,432	478,183	376,029	309,815	266,933	245,128	245,801
26	127,477	144,161	190,401	277,625	446,926	531,877	475,232	373,310	308,034	265,836	244,979	246,026
27	128,620	144,808	192,591	281,001	456,785	531,102	472,186	370,882	306,256	264,744	244,904	246,326
28	129,369	145,401	195,059	284,965	466,749	529,992	468,628	368,275	304,738	263,808	244,829	245,951
29	129,971	-	197,216	288,797	475,759	529,327	465,393	365,587	303,057	262,954	244,680	246,026
30	130,424	-	199,455	292,162	483,366	528,884	462,065	362,907	301,380	262,177	244,606	245,726
31	130,775	-	201,510	-	489,751	-	458,543	360,329	-	261,248	-	246,549
MAXIMUM DAY	130,775	145,401	201,510	292,162	489,751	538,557	529,438	455,032	357,944	299,792	260,087	249,330
MINIMUM DAY	94,043	130,977	146,052	203,377	295,218	496,280	458,543	360,329	301,380	261,248	244,606	244,680

KERN RIVER BASIN

Drainage Basin Above Lake Isabella = 2,074 Square Miles



KERN RIVER SNOW COURSE	CALIF #	ELEVATION
Bighorn Plateau	250	11,350 ft
Cottonwood Pass	251	11,050 ft
Siberian Pass	252	10,900 ft
Crabtree Meadow	253	10,700 ft
Guyot Flat	254	10,650 ft
Tyndall Creek	255	10.650 ft
Sandy Meadow	275	10,650 ft
Big Whitney Meadow	257	9,750 ft
Rock Creek	256	9,600 ft
Round Meadow	258	9,000 ft
Ramshaw Meadow	259	8,700 ft
Little Whitney Meadow	260	8,500 ft
Quinn Ranger Station	264	8,350 ft
Bonita Meadows	261	8,300 ft
Casa Vieja Meadows	262	8,300 ft
Beach Meadows	265	7,650 ft
Dead Horse Meadow	249	7,300 ft

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

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Scale in Miles

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

LEGEND

SNOW COURSE

AERIAL SNOW DEPTH MARKER

SNOW SENSOR

RIVER BASIN

REPORT OF THE KERN RIVER WATERMASTER

Quantities in S.F.D. except where noted

JANUARY 2005

	ISABELLA RESERVOIR									MEAN STORAGE				SECOND POINT GROUP FLOW AT 2ND POINT			
	ELEVATION	MIDNIGHT STORAGE			FLOW AT 1ST	FLOW ABOVE	FIRST POINT REGULATED	CHANGE IN STORAGE+LOSS +1ST POINT REGULATED	COMPUTED 1ST POINT NATURAL	Recreation Pool + Dead Storage = 15,218 S.F.D. (30,184 ACFT)		KERN COUNTY RECREATION	TOTAL FLOW AT SECOND	KERN	FRIANT-	FRIANT-KERN	
DAY	(FEET)	ACRE-FEET	S.F.D.	LOSS	POINT	1ST POINT	FLOW	FLOW	FLOW	TOTAL	IRRIGATION	POOL LOSS	POINT	RIVER	KERN	INFLOW	DAY
Previous Day	2545.19	94,083	47,434	2	313	16	329	494	494	47,434	32,216	0	0	0	0	0	
1	2545.20	94,123	47,454	7	325	16	341	368	368	47,454	32,236	2	0	0	0	0	1
2	2545.20	94,123	47,454	7	321	14	335	342	342	47,454	32,236	2	0	0	0	0	2
3	2545.20	94,123	47,454	2	344	13	357	359	359	47,454	32,236	0	0	0	0	0	3
4	2545.20	94,123	47,454	2	377	15	392	394	390	47,450	32,232	0	0	0	0	0	4
5	2545.19	94,083	47,434	4	384	14	398	382	386	47,434	32,216	1	0	0	0	0	5
6	2545.18	94,043	47,413	7	381	15	396	382	396	47,427	32,209	2	0	0	0	0	6
7	2545.19	94,083	47,434	3	387	14	401	425	415	47,438	32,220	1	0	0	0	0	7
8	2545.20	94,123	47,454	8	392	16	408	436	432	47,454	32,236	2	0	0	0	0	8
9	2546.32	98,703	49,763	2	477	13	490	2,801	2,801	49,763	34,545	0	0	0	0	0	9
10	2548.20	106,739	53,814	2	683	15	698	4,751	4,751	53,814	38,596	0	0	0	0	0	10
11	2549.91	114,429	57,691	2	691	6	697	4,576	4,576	57,691	42,473	0	0	0	0	0	11
12	2550.63	117,778	59,380	2	630	12	642	2,333	2,333	59,380	44,162	0	0	0	0	0	12
13	2550.95	119,288	60,141	5	595	13	608	1,374	1,374	60,141	44,923	1	0	0	0	0	13
14	2551.16	120,285	60,644	8	587	14	601	1,112	1,054	60,586	45,368	1	0	0	0	0	14
15	2551.30	120,953	60,981	8	580	13	593	938	970	60,955	45,737	1	0	0	0	0	15
16	2551.40	121,432	61,222	11	593	13	606	858	890	61,228	46,010	2	0	0	0	0	16
17	2551.50	121,913	61,465	12	605	15	620	875	858	61,454	46,236	2	0	0	0	0	17
18	2551.59	122,345	61,682	13	597	13	610	840	842	61,673	46,455	2	0	0	0	0	18
19	2551.67	122,732	61,877	16	588	13	601	812	834	61,890	46,672	3	0	0	0	0	19
20	2551.76	123,166	62,096	18	598	15	613	850	875	62,134	46,916	3	0	0	0	0	20
21	2551.89	123,797	62,414	13	618	15	633	964	934	62,422	47,204	2	0	0	0	0	21
22	2552.03	124,478	62,758	17	616	12	628	989	937	62,714	47,496	3	0	0	0	0	22
23	2552.13	124,967	63,004	22	575	13	588	856	900	63,004	47,786	4	0	0	0	0	23
24	2552.25	125,555	63,301	13	624	7	631	941	941	63,301	48,083	2	0	0	0	235	24
25	2552.45	126,538	63,796	10	620	13	633	1,138	1,138	63,796	48,578	2	0	0	0	406	25
26	2552.64	127,477	64,270	2	618	14	632	1,108	1,108	64,270	49,052	0	0	0	0	331	26
27	2552.87	128,620	64,846	2	621	12	633	1,211	1,211	64,846	49,628	0	90	90	0	592	27
28	2553.02	129,369	65,224	4	623	13	636	1,018	1,018	65,224	50,006	1	170	170	0	855	28
29	2553.14	129,971	65,527	5	625	14	639	947	921	65,501	50,283	1	249	249	0	837	29
30	2553.23	130,424	65,755	9	619	14	633	870	896	65,755	50,537	1	285	285	0	842	30
31	2553.30	130,775	65,932	9	665	13	678	864	864	65,932	50,714	1	784	328	456	817	31
TOTAL SECOND FOOT DAYS				245	16,959	412	17,371	36,114	36,114	65,932	50,714	42	1,578	1,122	456	4,915	
TOTAL ACRE-FEET				486	33,638	817	34,455	71,631	71,631	130,775	100,591	83	3,129	2,225	904	9,749	

By: _____ Date: February 24, 2005

REPORT OF THE KERN RIVER WATERMASTER

Quantities in S.F.D. except where noted

JANUARY 2005

NORTH KERN WATER STORAGE DISTRICT

DAY	ENT'L AT 1ST POINT	FLOW AT 1ST POINT	FLOW ABOVE 1ST POINT	RESERVOIR LOSS	RESERVOIR STORAGE
Previous Day	494	313	16	1	20,274
1	368	325	16	5	20,296
2	342	321	14	5	20,298
3	359	344	13	1	20,299
4	390	377	15	1	20,296
5	386	384	14	3	20,281
6	396	381	15	5	20,276
7	415	387	14	2	20,288
8	432	392	16	5	20,307
9	2,387	441	13	1	22,239
10	3,717	590	15	1	25,350
11	3,597	634	6	1	28,306
12	2,068	605	12	1	29,756
13	1,374	595	13	3	30,519
14	1,054	548	14	6	31,005
15	970	569	13	6	31,387
16	890	572	13	8	31,684
17	858	584	15	8	31,935
18	842	578	13	9	32,177
19	834	567	13	11	32,420
20	875	578	15	13	32,689
21	934	598	15	9	33,001
22	937	616	12	12	33,298
23	900	575	13	16	33,594
24	941	624	7	9	33,895
25	1,138	620	13	7	34,393
26	1,108	618	14	1	34,868
27	1,211	531	12	1	35,535
28	1,018	449	13	3	36,088
29	921	357	14	4	36,634
30	896	315	14	7	37,194
31	864	327	13	7	37,711
S.F.D.	33,422	15,402	412	171	37,711
AC.FT.	66,291	30,550	817	339	74,800

TOTAL ACRE-FOOT STORAGE DAYS 1,801,028

BUENA VISTA WATER STORAGE DISTRICT

DAY	ENT'L AT 1ST POINT	FLOW VIA KDWD	FLOW PIONEER PROJECT	FLOW AT 2ND POINT	RESERVOIR LOSS	RESERVOIR STORAGE
Previous Day	0	0	0	0	1	11,942
1	0	0	0	0	2	11,940
2	0	0	0	0	2	11,938
3	0	0	0	0	1	11,937
4	0	0	0	0	1	11,936
5	0	0	0	0	1	11,935
6	0	0	0	0	2	11,933
7	0	0	0	0	1	11,932
8	0	0	0	0	3	11,929
9	414	0	36	0	1	12,306
10	1,034	0	93	0	1	13,246
11	979	0	57	0	1	14,167
12	265	0	25	0	1	14,406
13	0	0	0	0	2	14,404
14	0	39	0	0	2	14,363
15	0	11	0	0	2	14,350
16	0	21	0	0	3	14,326
17	0	21	0	0	4	14,301
18	0	19	0	0	4	14,278
19	0	21	0	0	5	14,252
20	0	20	0	0	5	14,227
21	0	20	0	0	4	14,203
22	0	0	0	0	5	14,198
23	0	0	0	0	6	14,192
24	0	0	0	0	4	14,188
25	0	0	0	0	3	14,185
26	0	0	0	0	1	14,184
27	0	0	0	90	1	14,093
28	0	4	0	170	1	13,918
29	0	19	0	249	1	13,649
30	0	19	0	285	2	13,343
31	0	10	0	328	2	13,003
S.F.D.	2,692	224	211	1,122	74	13,003
AC.FT.	5,340	444	419	2,225	147	25,791

TOTAL ACRE-FOOT STORAGE DAYS 827,627

HACIENDA WATER DISTRICT

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

TOTAL ACRE-FOOT STORAGE DAYS 0

JANUARY 2005

WATERMASTER NOTES *** KERN RIVER BULLETIN

MONTH	DAY(S)	PAGE NO.	TITLE OF COLUMN	COMMENT
January	9-12	2	BVWSD FLOW - PIONEER PROJECT	Delivered as per terms of Paragraph 5 (d) of the December 18, 1996 Pioneer Project Joint Operating Agreement.
January	24-31	1	FRIANT KERN INFLOW	Includes Friant-Kern Inflow to Kern River Channel on behalf of Arvin-Edison Water Storage District (3,519 acre-feet) and Kern-Tulare Water District (6,230 acre-feet).

SNOW SURVEY DATA FOR KERN RIVER BASIN

Date: February 1, 2005

SNOW COURSE	SNOW SENSOR	CALIF. NUMBER	ELEV. IN FEET	APRIL 1ST AVERAGE WATER CONTENT	DATE MEASURED	SNOW DEPTH IN INCHES	DENSITY (%)	WATER CONTENT IN INCHES	% OF APRIL 1ST AVERAGE	MEASURED BY
	Upper Tyndall Creek	516	11,400	27.7	1-31	86.3	30%	26.0	94%	DWR
Bighorn Plateau		250	11,350	23.7	1-30	74.4	33%	24.4	103%	DWR
Cottonwood Pass		251	11,050	14.8	2-02	59.6	37%	21.9	148%	DWR
Siberian Pass		252	10,900	20.0	2-01	71.5	34%	24.3	122%	DWR
Crabtree Meadow		253	10,700	19.6	1-29	79.4	30%	23.7	121%	DWR
	Crabtree Meadow	253	10,700	19.8						
Guyot Flat		254	10,650	20.8	1-29	84.9	31%	26.1	125%	DWR
Tyndall Creek		255	10,650	18.8	1-30	72.3	31%	22.7	121%	DWR
Sandy Meadows		275	10,650	19.2	1-30	74.0	31%	22.7	118%	DWR
	Chagoopa Plateau	514	10,300	21.8						
Big Whitney Meadow		257	9,750	17.2	1-27	74.7	33%	24.4	142%	DWR
Rock Creek		256	9,600	17.8	1-29	80.0	29%	22.9	129%	DWR
	Pascoe	569	9,150	24.9	2-01	91.0	35%	31.6	127%	USFS
Round Meadow		258	9,000	24.1	2-01	69.7	39%	26.9	112%	USFS
	Wet Meadow	518	8,950	30.3						
	Tunnel Guard	830	8,900	15.6	1-26	56.0	34%	19.2	123%	DWR
Ramshaw Meadows		259	8,700	11.5	1-27	62.2	32%	20.0	174%	DWR
Little Whitney Meadow		260	8,500	12.9	1-26	68.7	32%	22.3	173%	DWR
Quinn Ranger Station		264	8,350	18.9						
Bonita Meadows		261	8,300	13.6	1-27	54.7	39%	21.3	157%	USFS
Casa Vieja Meadows		262	8,300	19.8	1-24	74.7	36%	27.1	137%	USFS
	Casa Vieja Meadows	262	8,300	20.9						
Beach Meadows		265	7,650	8.3	1-27	35.8	33%	11.8	142%	USFS
	Beach Meadows	860	7,650	11.0	1-27	38.8	33%	12.8	116%	USFS
Dead Horse Meadow		249	7,300	10.7	2-02	35.6	31%	10.9	102%	USFS

CALIFORNIA COOPERATIVE SNOW SURVEYS FORECAST as of FEBRUARY 1, 2005 for KERN RIVER INFLOW TO ISABELLA RESERVOIR...
April-July = 620,000 acre-feet (132% of Average) *** Water Year = 920,000 acre-feet (124% of Average)
80 Percent Probability Range (Actual runoff should fall within the stated limits eight times out of ten)...
April-July = 410,000 AcFt (87% of Average) to 940,000 AcFt (200% of Average) *** Water Year = 640,000 AcFt (86% of Average) to 1,350,000 AcFt (182% of Average)

REPORT OF THE KERN RIVER WATERMASTER

Quantities in S.F.D. except where noted

FEBRUARY 2005

DAY	ISABELLA RESERVOIR ELEVATION (FEET)	MIDNIGHT STORAGE ACRE-FEET	S.F.D.	LOSS	FLOW AT 1ST POINT	FLOW ABOVE 1ST POINT	FIRST POINT REGULATED FLOW	CHANGE IN STORAGE+LOSS +1ST POINT REGULATED FLOW	COMPUTED 1ST POINT NATURAL FLOW	MEAN STORAGE Recreation Pool + Dead Storage = 15,218 S.F.D. (30,184 ACFT) TOTAL	IRRIGATION	KERN COUNTY RECREATION POOL LOSS	TOTAL FLOW AT SECOND POINT	SECOND POINT GROUP FLOW AT 2ND POINT KERN RIVER	FRIANT-KERN	FRIANT-KERN INFLOW	DAY
Previous Day	2553.30	130,775	65,932	9	665	13	678	864	864	65,932	50,714	1	784	328	456	817	
1	2553.34	130,977	66,034	31	671	15	686	819	794	66,009	50,791	5	683	366	311	829	1
2	2553.38	131,179	66,136	15	615	13	628	745	756	66,122	50,904	2	325	320	0	811	2
3	2553.42	131,382	66,238	27	561	15	576	705	722	66,241	51,023	4	269	263	0	802	3
4	2553.48	131,686	66,392	13	533	16	549	716	713	66,392	51,174	2	249	244	0	796	4
5	2553.54	131,989	66,544	15	536	15	551	718	714	66,540	51,322	2	241	235	0	957	5
6	2553.60	132,294	66,698	8	533	13	546	708	704	66,690	51,472	1	235	230	0	1,169	6
7	2553.65	132,548	66,826	6	537	14	551	685	709	66,842	51,624	1	232	226	0	1,195	7
8	2553.72	132,905	67,006	9	532	14	546	735	701	66,988	51,770	1	232	227	0	1,203	8
9	2553.77	133,159	67,134	27	513	15	528	683	718	67,151	51,933	4	229	223	0	1,035	9
10	2553.83	133,465	67,289	31	536	14	550	736	706	67,276	52,058	5	229	223	0	842	10
11	2553.87	133,670	67,392	14	567	15	582	699	711	67,391	52,173	2	232	225	0	841	11
12	2553.91	133,875	67,495	15	568	13	581	699	705	67,500	52,282	2	232	225	0	848	12
13	2553.96	134,131	67,624	9	567	11	578	716	718	67,631	52,413	1	240	233	0	791	13
14	2554.02	134,438	67,779	8	573	3	576	739	733	67,780	52,562	1	211	204	0	667	14
15	2554.08	134,747	67,935	3	580	4	584	743	739	67,932	52,714	0	88	88	0	594	15
16	2554.13	135,004	68,065	11	589	5	594	735	755	68,082	52,864	2	13	0	13	598	16
17	2554.19	135,314	68,221	18	595	17	612	786	840	68,292	53,074	3	64	0	64	626	17
18	2554.33	136,036	68,585	2	622	11	633	999	960	68,617	53,399	0	76	0	76	670	18
19	2554.50	136,919	69,030	11	627	13	640	1,096	1,060	69,026	53,808	2	48	0	48	624	19
20	2554.67	137,804	69,476	9	617	13	630	1,085	1,089	69,476	54,258	1	9	0	9	565	20
21	2554.90	139,008	70,083	2	618	13	631	1,240	1,240	70,083	54,865	0	0	0	0	563	21
22	2555.18	140,483	70,827	2	622	13	635	1,381	1,381	70,827	55,609	0	0	0	0	532	22
23	2555.40	141,649	71,415	5	615	16	631	1,224	1,224	71,415	56,197	1	0	0	0	498	23
24	2555.58	142,607	71,898	9	624	13	637	1,129	1,103	71,872	56,654	1	0	0	0	504	24
25	2555.73	143,410	72,303	14	618	14	632	1,051	1,067	72,293	57,075	2	0	0	0	474	25
26	2555.87	144,161	72,681	17	611	15	626	1,021	1,015	72,665	57,447	2	0	0	0	374	26
27	2555.99	144,808	73,007	17	615	14	629	972	988	73,007	57,789	2	0	0	0	602	27
28	2556.10	145,401	73,306	14	611	13	624	937	937	73,306	58,088	2	0	0	0	587	28
TOTAL SECOND FOOT DAYS				362	16,406	360	16,766	24,502	24,502	73,306	58,088	51	4,137	3,532	521	20,597	
TOTAL ACRE-FEET				718	32,541	715	33,256	48,599	48,599	145,401	115,217	101	8,205	7,005	1,033	40,853	

By: _____ Date: March 31, 2005

FEBRUARY 2005

NORTH KERN WATER STORAGE DISTRICT

DAY	ENT'L AT 1ST POINT	FLOW AT 1ST POINT	FLOW ABOVE 1ST POINT	RESERVOIR LOSS	RESERVOIR STORAGE
Previous Day	864	327	13	7	37,711
1	794	292	15	23	38,175
2	756	284	13	11	38,623
3	722	289	15	20	39,021
4	713	281	16	10	39,427
5	714	290	15	12	39,824
6	704	287	13	6	40,222
7	709	293	14	5	40,619
8	701	285	14	7	41,014
9	718	270	15	21	41,426
10	706	297	14	24	41,797
11	711	326	15	11	42,156
12	705	329	13	12	42,507
13	718	318	11	7	42,889
14	733	351	3	6	43,262
15	739	477	4	2	43,518
16	755	574	5	9	43,685
17	840	592	17	15	43,901
18	960	620	11	2	44,228
19	1,060	617	13	9	44,649
20	1,089	607	13	7	45,111
21	1,240	610	13	2	45,726
22	1,381	621	13	2	46,471
23	1,224	615	16	4	47,060
24	1,103	624	13	7	47,519
25	1,067	615	14	12	47,945
26	1,015	602	15	14	48,329
27	988	605	14	14	48,684
28	937	600	13	12	48,996
S.F.D.	24,502	12,571	360	286	48,996
AC.FT.	48,599	24,935	715	567	97,183

TOTAL ACRE-FOOT STORAGE DAYS 2,413,455

BUENA VISTA WATER STORAGE DISTRICT

DAY	ENT'L AT 1ST POINT	FLOW VIA KDWD	FLOW VIA CWD	FLOW AT 2ND POINT	RESERVOIR LOSS	RESERVOIR STORAGE
Previous Day	0	10	0	328	2	13,003
1	0	13	0	366	8	12,616
2	0	11	0	320	4	12,281
3	0	9	0	263	7	12,002
4	0	8	0	244	3	11,747
5	0	11	0	235	3	11,498
6	0	16	0	230	2	11,250
7	0	18	0	226	1	11,005
8	0	20	0	227	2	10,756
9	0	20	0	223	6	10,507
10	0	16	0	223	7	10,261
11	0	16	0	225	3	10,017
12	0	14	0	225	3	9,775
13	0	16	0	233	2	9,524
14	0	18	0	204	2	9,300
15	0	15	0	88	1	9,196
16	0	15	0	0	2	9,179
17	0	3	0	0	3	9,173
18	0	2	0	0	0	9,171
19	0	10	0	0	2	9,159
20	0	10	0	0	2	9,147
21	0	8	0	0	0	9,139
22	0	1	0	0	0	9,138
23	0	0	0	0	1	9,137
24	0	0	0	0	2	9,135
25	0	3	0	0	2	9,130
26	0	9	0	0	3	9,118
27	0	10	0	0	3	9,105
28	0	11	0	0	2	9,092
S.F.D.	0	303	0	3,532	76	9,092
AC.FT.	0	601	0	7,005	151	18,034

TOTAL ACRE-FOOT STORAGE DAYS 556,478

HACIENDA WATER DISTRICT

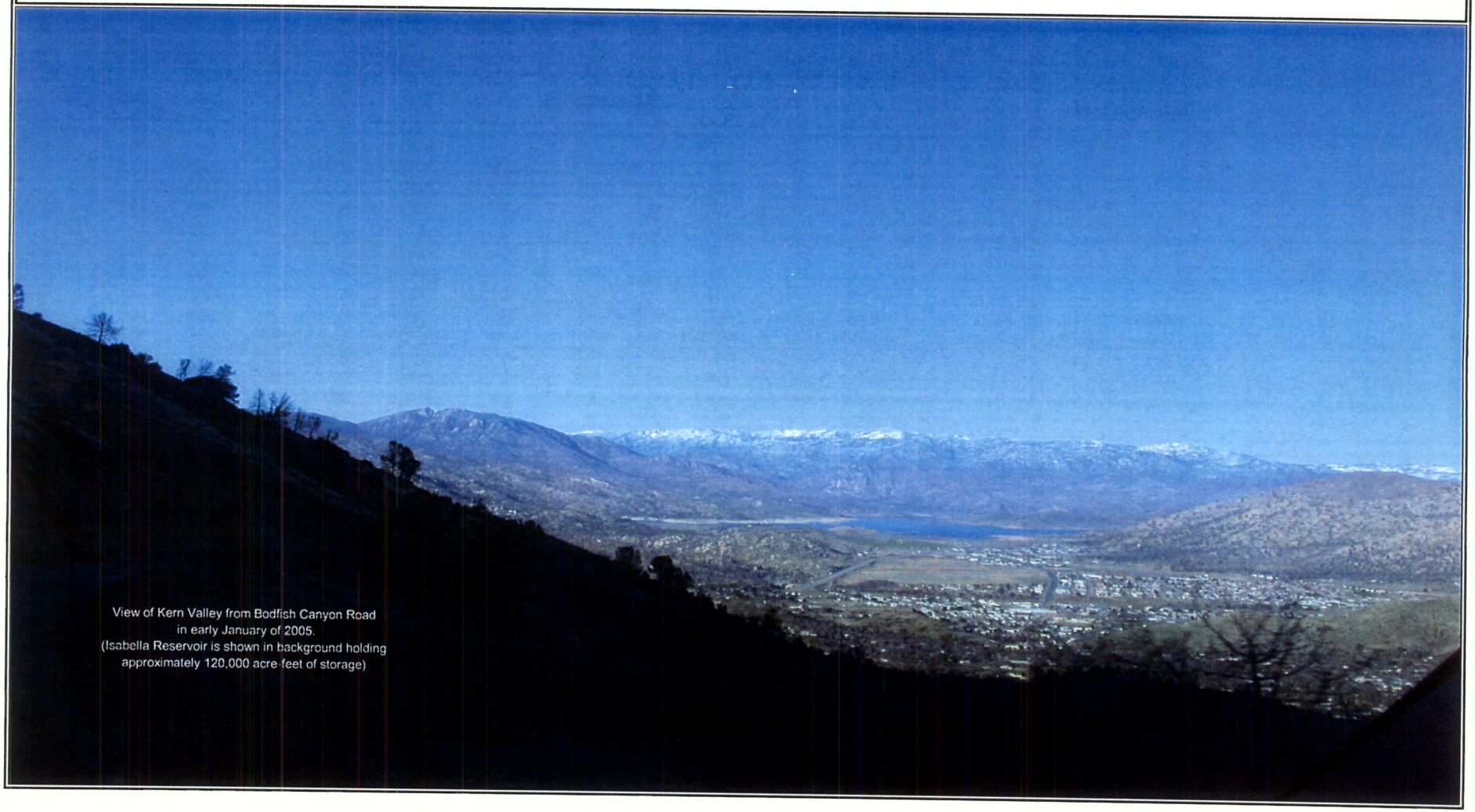
DAY	ENTITLEMENT Contributed by: NKWSD	ENTITLEMENT Contributed by: BVWSD	FLOW	FLOW ABOVE 1ST POINT	RESERVOIR LOSS	RESERVOIR STORAGE
Previous Day				0	0	0
1				0	0	0
2				0	0	0
3				0	0	0
4				0	0	0
5				0	0	0
6				0	0	0
7				0	0	0
8				0	0	0
9				0	0	0
10				0	0	0
11				0	0	0
12				0	0	0
13				0	0	0
14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

TOTAL ACRE-FOOT STORAGE DAYS 0

FEBRUARY 2005

WATERMASTER NOTES * KERN RIVER BULLETIN**

MONTH	DAY(S)	PAGE NO.	TITLE OF COLUMN	COMMENT
February	1-28	1	FRIANT KERN INFLOW	Includes Friant-Kern Inflow to Kern River Channel on behalf of Arvin-Edison Water Storage District (23,721 acre-feet) and Kern-Tulare Water District (17,132 acre-feet).



View of Kern Valley from Bodfish Canyon Road
in early January of 2005.
(Isabella Reservoir is shown in background holding
approximately 120,000 acre-feet of storage)

REPORT OF THE KERN RIVER WATERMASTER

Quantities in S.F.D. except where noted

MARCH 2005

	ISABELLA RESERVOIR				FLOW	FLOW	FIRST POINT	CHANGE IN STORAGE+LOSS +1ST POINT	COMPUTED 1ST POINT	MEAN STORAGE Recreation Pool + Dead Storage = 15,218 S.F.D. (30,184 ACFT)		KERN COUNTY	TOTAL FLOW AT	SECOND POINT GROUP FLOW AT 2ND POINT		FRIANT-KERN	
	ELEVATION	MIDNIGHT STORAGE			AT 1ST	ABOVE	REGULATED	REGULATED	NATURAL			RECREATION	SECOND	KERN	FRIANT-	INFLOW	
DAY	(FEET)	ACRE-FEET	S.F.D.	LOSS	POINT	1ST POINT	FLOW	FLOW	FLOW	TOTAL	IRRIGATION	POOL LOSS	POINT	RIVER	KERN		DAY
Previous Day	2556.10	145,401	73,306	14	611	13	624	937	937	73,306	58,088	2	0	0	0	587	
1	2556.22	146,052	73,635	15	550	15	565	909	909	73,635	58,417	2	0	0	0	567	1
2	2556.34	146,703	73,963	8	560	14	574	910	919	73,972	58,754	1	0	0	0	560	2
3	2556.47	147,412	74,320	9	558	15	573	939	924	74,314	59,096	1	0	0	0	587	3
4	2556.60	148,122	74,678	2	547	15	562	922	939	74,689	59,471	0	0	0	0	630	4
5	2556.74	148,890	75,065	5	551	14	565	957	952	75,071	59,853	1	0	0	0	658	5
6	2556.88	149,660	75,454	19	554	15	569	977	980	75,463	60,245	3	0	0	0	650	6
7	2557.03	150,487	75,871	17	557	14	571	1,005	1,016	75,891	60,673	2	0	0	0	623	7
8	2557.20	151,430	76,346	25	551	15	566	1,066	1,074	76,374	61,156	3	0	0	0	604	8
9	2557.40	152,543	76,907	30	544	15	559	1,150	1,169	76,954	61,736	4	0	0	0	600	9
10	2557.65	153,942	77,612	32	537	16	553	1,290	1,303	77,672	62,454	4	0	0	0	554	10
11	2557.96	155,688	78,493	24	551	14	565	1,470	1,459	78,542	63,324	3	0	0	0	561	11
12	2558.31	157,675	79,495	38	560	16	576	1,616	1,618	79,546	64,328	5	0	0	0	594	12
13	2558.71	159,966	80,650	29	570	15	585	1,769	1,749	80,681	65,463	4	0	0	0	604	13
14	2559.13	162,394	81,874	47	575	15	590	1,861	1,759	81,803	66,585	6	0	0	0	594	14
15	2559.48	164,436	82,903	35	566	17	583	1,647	1,682	82,867	67,649	4	0	0	0	597	15
16	2559.79	166,256	83,821	25	577	17	594	1,537	1,552	83,800	68,582	3	0	0	0	600	16
17	2560.07	167,913	84,656	40	581	18	599	1,474	1,483	84,644	69,426	5	0	0	0	651	17
18	2560.35	169,580	85,497	25	554	19	573	1,439	1,461	85,507	70,289	3	0	0	0	703	18
19	2560.64	171,318	86,373	12	564	17	581	1,469	1,520	86,434	71,216	1	0	0	0	665	19
20	2560.99	173,430	87,438	5	563	18	581	1,651	1,553	87,401	72,183	1	0	0	0	624	20
21	2561.29	175,252	88,356	26	579	17	596	1,540	1,729	88,508	73,290	3	0	0	0	620	21
22	2561.72	177,888	89,685	2	645	20	665	1,996	1,844	89,685	74,467	0	0	0	0	583	22
23	2562.47	182,542	92,032	2	700	17	717	3,066	3,066	92,032	76,814	0	0	0	0	522	23
24	2562.96	185,623	93,585	18	707	16	723	2,294	2,181	93,472	78,254	2	0	0	0	522	24
25	2563.36	188,161	94,865	41	619	16	635	1,956	2,004	94,800	79,582	4	0	0	0	515	25
26	2563.71	190,401	95,994	27	589	16	605	1,761	1,836	96,004	80,786	3	0	0	0	522	26
27	2564.05	192,591	97,098	29	642	14	656	1,789	1,807	97,126	81,908	3	0	0	0	491	27
28	2564.43	195,059	98,342	2	609	16	625	1,871	1,800	98,299	83,081	0	0	0	0	462	28
29	2564.76	197,216	99,430	11	625	16	641	1,740	1,803	99,450	84,232	1	0	0	0	472	29
30	2565.10	199,455	100,559	37	617	16	633	1,799	1,779	100,559	85,341	4	0	0	0	551	30
31	2565.41	201,510	101,595	39	596	18	614	1,689	1,689	101,595	86,377	4	0	0	0	682	31
TOTAL SECOND FOOT DAYS				676	18,098	496	18,594	47,559	47,559	101,595	86,377	80	0	0	0	18,168	
TOTAL ACRE-FEET				1,341	35,897	984	36,881	94,332	94,332	201,510	171,326	159	0	0	0	36,036	

By: _____ Date: April 25, 2005

REPORT OF THE KERN RIVER WATERMASTER

Quantities in S.F.D. except where noted

MARCH 2005

NORTH KERN WATER STORAGE DISTRICT

DAY	ENT'L AT 1ST POINT	FLOW AT 1ST POINT	FLOW ABOVE 1ST POINT	RESERVOIR LOSS	RESERVOIR STORAGE	ENT'L AT 2ND POINT	FLOW VIA KDWD	FLOW VIA RRBWSD	FLOW AT 2ND POINT	RESERVOIR LOSS	RESERVOIR STORAGE
Previous Day	937	600	13	12	48,996	0	11	0	0	2	9,092
1	715	508	15	12	49,176	194	12	30	0	3	9,241
2	722	516	14	7	49,361	197	14	30	0	1	9,393
3	725	513	15	7	49,551	199	14	31	0	2	9,545
4	736	506	15	2	49,764	203	3	38	0	0	9,707
5	745	509	14	4	49,982	207	11	31	0	1	9,871
6	764	511	15	16	50,204	216	13	30	0	3	10,041
7	788	513	14	14	50,451	228	16	28	0	3	10,222
8	828	508	15	21	50,735	246	18	25	0	4	10,421
9	893	503	15	25	51,085	276	18	23	0	5	10,651
10	984	498	16	26	51,529	319	20	19	0	6	10,925
11	1,090	508	14	20	52,077	369	18	25	0	4	11,247
12	1,199	515	16	31	52,714	419	16	29	0	7	11,614
13	1,288	522	15	23	53,442	461	17	31	0	6	12,021
14	1,295	525	15	38	54,159	464	24	26	0	9	12,426
15	1,242	519	17	28	54,837	440	0	47	0	7	12,812
16	1,154	535	17	20	55,419	398	9	33	0	5	13,163
17	1,107	572	18	32	55,904	376	9	0	0	8	13,522
18	1,092	549	19	20	56,408	369	5	0	0	5	13,881
19	1,132	533	17	10	56,980	388	4	27	0	2	14,236
20	1,154	517	18	4	57,595	399	5	41	0	1	14,588
21	1,274	527	17	21	58,304	455	6	46	0	5	14,986
22	1,353	571	20	2	59,064	491	5	69	0	0	15,403
23	2,103	610	17	2	60,538	963	10	80	0	0	16,276
24	1,571	615	16	14	61,464	610	9	83	0	4	16,790
25	1,462	555	16	32	62,323	542	10	54	0	9	17,259
26	1,347	534	16	21	63,099	489	10	45	0	6	17,687
27	1,328	571	14	23	63,819	479	9	62	0	6	18,089
28	1,323	548	16	2	64,576	477	12	49	0	0	18,505
29	1,325	558	16	9	65,318	478	11	56	0	2	18,914
30	1,309	552	16	29	66,030	470	11	54	0	8	19,311
31	1,247	538	18	30	66,691	442	14	44	0	9	19,686
S.F.D.	35,295	16,559	496	545	66,691	12,264	353	1,186	0	131	19,686
AC.FT.	70,007	32,845	984	1,081	132,279	24,325	700	2,352	0	260	39,047

TOTAL ACRE-FOOT STORAGE DAYS 3,456,393

BUENA VISTA WATER STORAGE DISTRICT

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

TOTAL ACRE-FOOT STORAGE DAYS 837,883

HACIENDA WATER DISTRICT

TOTAL ACRE-FOOT STORAGE DAYS 0

MARCH 2005

WATERMASTER NOTES *** KERN RIVER BULLETIN

MONTH	DAY(S)	PAGE NO.	TITLE OF COLUMN	COMMENT
March	1-31	1	FRIANT KERN INFLOW	Includes Friant-Kern Inflow to Kern River Channel on behalf of Arvin-Edison WSD (25,707 acre-feet), Kern-Tulare Water District (9,748 acre-feet) and Kern County Water Agency (581 acre-feet).
March	1	2	BVWSD FLOW - VIA RRBWSD	Delivered pursuant to terms of BUENA VISTA WATER STORAGE DISTRICT/Rosedale-Rio Bravo Water Storage District Banking and Recovery Agreement dated January 1, 2002.

SOUTH FORK KERN RIVER Nr. ONYX

MEAN DISCHARGE IN CUBIC FEET PER SECOND

U.S.G.S. values based on 78 years of record... Mean Annual Runoff (AcFt) = 89376

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	49.7	91.9	118	245	455	297.0	79.2	32.2	18.8	22.9	29.7	39.5
2	58.7	80.7	141	253	462	281.0	75.7	30.7	18.7	22.5	29.7	39.5
3	86.4	70.4	129	259	470	267.0	72.3	29.0	18.5	22.1	29.8	40.5
4	64.9	66.3	141	260	480	255.0	69.2	27.5	18.3	21.9	30.0	44.2
5	58.0	67.6	134	262	477	244.0	67.2	26.4	18.9	21.8	30.2	85.8
6	53.0	93.5	124	265	469	236.0	64.5	25.4	21.5	21.5	30.3	218.0
7	53.8	83.1	123	263	466	229.0	61.5	24.3	20.3	21.4	30.8	69.5
8	55.1	86.3	128	270	470	221.0	59.2	24.8	19.0	21.6	57.6	52.8
9	50.9	92.7	129	280	485	211.0	55.9	26.7	18.4	21.8	73.1	49.1
10	51.0	89.7	130	293	486	200.0	53.1	26.2	17.9	21.8	42.9	53.0
11	51.7	88.8	131	320	478	191.0	50.8	25.1	18.2	21.8	36.6	59.0
12	60.9	84.5	135	321	464	183.0	49.3	24.2	18.4	22.1	36.2	60.1
13	65.3	97.8	138	323	459	177.0	48.1	23.5	17.9	22.2	35.3	51.7
14	74.8	107.0	139	328	452	169.0	49.0	22.2	17.4	22.2	34.6	47.4
15	62.4	97.2	141	335	450	161.0	46.5	22.5	16.9	22.3	34.8	45.6
16	63.0	91.7	145	342	443	157.0	45.2	23.3	16.7	22.6	35.6	45.5
17	64.1	90.1	151	348	434	152.0	44.5	24.0	16.7	23.5	36.8	45.3
18	60.6	130.0	157	359	427	144.0	42.7	23.6	16.9	24.9	37.1	44.2
19	65.1	113.0	157	369	424	136.0	41.2	23.4	18.4	25.8	54.6	43.3
20	62.0	115.0	164	387	423	132.0	41.4	22.2	19.1	25.2	46.1	42.6
21	66.7	102.0	169	407	417	127.0	40.7	21.1	18.9	25.1	41.3	42.4
22	61.8	105.0	178	417	413	121.0	40.5	19.8	18.5	25.1	41.7	45.3
23	60.0	107.0	186	427	412	115.0	39.1	21.7	17.9	25.1	45.7	55.2
24	69.3	99.9	194	428	393	109.0	37.9	19.3	18.1	25.4	43.8	62.8
25	132.0	100.0	201	433	378	104.0	36.4	18.7	19.6	26.1	41.6	57.0
26	94.6	99.8	208	431	366	99.2	36.8	19.6	20.8	26.7	39.6	56.1
27	77.5	102.0	213	438	354	94.8	36.6	19.5	20.7	27.5	37.9	58.4
28	67.3	102.0	221	449	340	91.5	37.0	19.6	19.7	27.9	38.8	57.3
29	62.6	106.0	222	462	330	88.0	35.2	21.5	19.7	28.1	39.0	56.3
30	63.9		226	463	318	84.4	34.5	20.7	21.7	28.5	42.3	55.3
31	78.6		244		308		33.1	20.1		29.7		51.1
TOTAL	2045.7	2761.0	5017.0	10437.0	13203.0	5076.9	1524.3	728.8	562.5	747.1	1183.5	1773.8
MAX. DAY	132.0	130.0	244.0	463.0	486.0	297.0	79.2	32.2	21.7	29.7	73.1	218.0
MIN. DAY	49.7	66.3	118.0	245.0	308.0	84.4	33.1	18.7	16.7	21.4	29.7	39.5
MEAN	66.0	95.2	161.8	347.9	425.9	169.2	49.2	23.5	18.8	24.1	39.5	57.2
TOTAL AcFt	4058	5476	9951	20701	26188	10070	3023	1446	1116	1482	2347	3518

REPORT OF THE KERN RIVER WATERMASTER

Quantities in S.F.D. except where noted

APRIL 2005

DAY	ISABELLA RESERVOIR ELEVATION (FEET)	MIDNIGHT STORAGE ACRE-FEET	S.F.D.	LOSS	FLOW AT 1ST POINT	FLOW ABOVE 1ST POINT	FIRST POINT REGULATED FLOW	CHANGE IN STORAGE+LOSS +1ST POINT REGULATED FLOW	COMPUTED 1ST POINT NATURAL FLOW	MEAN STORAGE Recreation Pool + Dead Storage = 15,218 S.F.D. (30,184 ACFT) TOTAL	IRRIGATION	KERN COUNTY RECREATION POOL LOSS	TOTAL FLOW AT SECOND POINT	SECOND POINT GROUP FLOW AT 2ND POINT KERN RIVER	FRIANT-KERN	FRIANT-KERN INFLOW	DAY
Previous Day	2565.41	201,510	101,595	39	596	18	614	1,689	1,689	101,595	86,377	4	0	0	0	682	
1	2565.69	203,377	102,536	49	574	19	593	1,583	1,612	102,565	87,347	5	0	0	0	735	1
2	2566.00	205,456	103,584	53	553	17	570	1,671	1,613	103,555	88,337	5	0	0	0	759	2
3	2566.29	207,411	104,570	22	559	19	578	1,586	1,698	104,653	89,435	2	0	0	0	807	3
4	2566.65	209,856	105,802	4	581	19	600	1,836	1,729	105,778	90,560	0	0	0	0	832	4
5	2566.97	212,043	106,905	31	612	18	630	1,764	1,782	106,899	91,681	3	0	0	0	827	5
6	2567.27	214,105	107,945	58	626	21	647	1,745	1,793	107,987	92,769	5	0	0	0	841	6
7	2567.60	216,388	109,096	43	655	20	675	1,869	1,869	109,138	93,920	4	0	0	0	853	7
8	2567.97	218,966	110,395	12	662	18	680	1,991	1,971	110,417	95,199	1	0	0	0	860	8
9	2568.37	221,771	111,810	14	605	20	625	2,054	1,972	111,750	96,532	1	0	0	0	866	9
10	2568.72	224,244	113,056	32	577	16	593	1,871	1,911	113,036	97,818	3	0	0	0	847	10
11	2569.05	226,589	114,239	44	562	20	582	1,809	1,848	114,258	99,040	4	0	0	0	821	11
12	2569.38	228,951	115,430	46	603	23	626	1,863	1,901	115,487	100,269	4	0	0	0	868	12
13	2569.74	231,543	116,736	67	638	20	658	2,031	1,986	116,748	101,530	5	0	0	0	906	13
14	2570.12	234,296	118,124	33	625	18	643	2,064	2,081	118,153	102,935	3	0	0	0	900	14
15	2570.53	237,288	119,633	47	570	22	592	2,148	2,155	119,669	104,451	4	0	0	0	824	15
16	2570.98	240,600	121,303	52	509	22	531	2,253	2,301	121,387	106,169	4	0	0	0	737	16
17	2571.48	244,309	123,173	56	558	19	577	2,503	2,489	123,243	108,025	4	0	0	0	717	17
18	2572.01	248,275	125,172	55	634	23	657	2,711	2,707	125,238	110,020	4	0	0	0	705	18
19	2572.59	252,659	127,382	55	621	22	643	2,908	2,780	127,320	112,102	4	0	0	0	717	19
20	2573.12	256,703	129,421	56	607	20	627	2,722	2,736	129,373	114,155	4	0	0	0	775	20
21	2573.59	260,319	131,244	54	676	25	701	2,578	2,609	131,227	116,009	4	0	0	0	738	21
22	2574.05	263,886	133,043	44	660	24	684	2,527	2,551	133,050	117,832	3	0	0	0	673	22
23	2574.51	267,480	134,855	55	661	19	680	2,547	2,538	134,853	119,635	4	0	0	0	747	23
24	2574.97	271,103	136,681	20	671	21	692	2,538	2,497	136,638	121,420	1	0	0	0	772	24
25	2575.39	274,433	138,360	56	651	21	672	2,407	2,449	138,359	123,141	4	0	0	0	776	25
26	2575.79	277,625	139,969	47	727	19	746	2,402	2,475	140,041	124,823	3	0	0	0	780	26
27	2576.21	281,001	141,671	77	815	22	837	2,616	2,617	141,744	126,526	5	7	0	7	720	27
28	2576.70	284,965	143,670	12	800	23	823	2,834	2,761	143,670	128,452	1	25	0	25	637	28
29	2577.17	288,797	145,602	48	647	18	665	2,645	2,645	145,602	130,384	3	54	0	54	664	29
30	2577.58	292,162	147,298	39	779	20	799	2,534	2,534	147,298	132,080	2	71	0	71	720	30
TOTAL SECOND FOOT DAYS				1,281	19,018	608	19,626	66,610	66,610	147,298	132,080	99	157	0	157	23,424	
TOTAL ACRE-FEET				2,541	37,722	1,206	38,928	132,119	132,119	292,162	261,978	196	311	0	311	46,461	

By: _____ Date: May 25, 2005

APRIL 2005

	NORTH KERN WATER STORAGE DISTRICT					BUENA VISTA WATER STORAGE DISTRICT									HACIENDA WATER DISTRICT					
							FLOW					FLOW ABOVE 1ST PT. CARMEL								
DAY	ENT'L AT 1ST POINT	FLOW AT 1ST POINT	FLOW ABOVE 1ST POINT	RESERVOIR LOSS	RESERVOIR STORAGE	ENT'L AT 2ND POINT	VIA KDWD	VIA RRBWSD	VIA NKWSD	PIONEER PROJECT	AT 2ND POINT	La HACIENDA INC.	RESERVOIR LOSS	RESERVOIR STORAGE	ENTITLEMENT Contributed by: NKWSD	ENTITLEMENT Contributed by: BVWSD	FLOW	FLOW ABOVE 1ST POINT	RESERVOIR LOSS	RESERVOIR STORAGE	DAY
Previous Day	1,247	538	18	30	66,691	442	14	44	0	0	0	0	9	19,686				0	0	0	
1	1,195	519	18	38	67,311	417	9	46	0	0	0	1	11	20,036				0	0	0	1
2	1,195	523	16	41	67,926	418	15	15	0	0	0	1	12	20,411				0	0	0	2
3	1,253	532	18	17	68,612	445	15	12	0	0	0	1	5	20,823				0	0	0	3
4	1,274	540	18	3	69,325	455	32	9	0	0	0	1	1	21,235				0	0	0	4
5	1,311	580	17	24	70,015	471	32	0	0	0	0	1	7	21,666				0	0	0	5
6	1,318	586	20	44	70,683	475	40	0	0	0	0	1	14	22,086				0	0	0	6
7	1,370	611	18	33	71,391	499	44	0	0	0	0	2	10	22,529				0	0	0	7
8	1,439	622	17	9	72,182	532	40	0	0	0	0	1	3	23,017				0	0	0	8
9	1,440	567	18	11	73,026	532	38	0	0	0	0	2	3	23,506				0	0	0	9
10	1,399	550	15	24	73,836	512	27	0	0	0	0	1	8	23,982				0	0	0	10
11	1,356	537	19	33	74,603	492	25	0	0	0	0	1	11	24,437				0	0	0	11
12	1,392	583	21	35	75,356	509	20	0	0	0	0	2	11	24,913				0	0	0	12
13	1,450	626	19	50	76,111	536	12	0	0	0	0	1	17	25,419				0	0	0	13
14	1,509	612	17	25	76,966	572	13	0	0	0	0	1	8	25,969				0	0	0	14
15	1,555	547	20	35	77,919	600	23	0	0	0	0	2	12	26,532				0	0	0	15
16	1,645	494	21	39	79,010	656	15	0	0	0	0	1	13	27,159				0	0	0	16
17	1,762	556	18	42	80,156	727	2	0	0	0	0	1	14	27,869				0	0	0	17
18	1,891	632	21	41	81,353	816	2	0	0	0	0	2	14	28,667				0	0	0	18
19	1,935	619	20	41	82,608	845	2	0	0	0	0	2	14	29,494				0	0	0	19
20	1,909	579	18	41	83,879	827	0	28	0	0	0	2	15	30,276				0	0	0	20
21	1,833	530	23	40	85,119	776	0	80	0	66	0	2	14	30,890				0	0	0	21
22	1,799	503	22	32	86,361	752	0	80	0	77	0	2	12	31,471				0	0	0	22
23	1,791	501	18	40	87,593	747	0	80	0	80	0	1	15	32,042				0	0	0	23
24	1,766	511	19	15	88,814	731	0	80	0	80	0	2	5	32,606				0	0	0	24
25	1,737	481	20	41	90,009	712	4	86	0	80	0	1	15	33,132				0	0	0	25
26	1,753	568	18	34	91,142	722	3	80	0	76	0	1	13	33,681				0	0	0	26
27	1,838	649	20	56	92,255	779	3	83	0	80	0	2	21	34,271				0	0	0	27
28	1,923	648	21	9	93,500	838	3	80	0	69	0	2	3	34,952				0	0	0	28
29	1,854	525	17	35	94,777	791	4	26	54	38	0	1	13	35,607				0	0	0	29
30	1,789	635	19	28	95,884	745	1	43	100	0	0	1	11	36,196				0	0	0	30
S.F.D.	47,681	16,966	566	956	95,884	18,929	424	828	154	646	0	42	325	36,196				0	0	0	S.F.D.
AC.FT.	94,574	33,652	1,122	1,896	190,184	37,545	841	1,643	305	1,281	0	84	645	71,794				0	0	0	AC.FT.

TOTAL ACRE-FOOT STORAGE DAYS 4,755,809

TOTAL ACRE-FOOT STORAGE DAYS 1,636,113

TOTAL ACRE-FOOT STORAGE DAYS 0

APRIL 2005

WATERMASTER NOTES *** KERN RIVER BULLETIN

MONTH	DAY(S)	PAGE NO.	TITLE OF COLUMN	COMMENT
April	1-30	1	FRIANT KERN INFLOW	Includes Friant-Kern Inflow to Kern River Channel on behalf of Arvin-Edison WSD (23,636 AcFt), Kern-Tulare WD (4,770 AcFt), Kern County Water Agency (17,750 AcFt) and North Kern WSD (305 AcFt).
April	29	2	BVWSD FLOW - VIA NKWSD	Delivered pursuant to terms of BUENA VISTA WATER STORAGE DISTRICT/North Kern Water Storage District letter agreement dated April 28, 2005.

KERN RIVER BASIN -- HISTORICAL SNOW COURSE DATA

APRIL 1ST WATER CONTENT IN INCHES

YEAR	BIGHORN PLATEAU	COTTONWOOD PASS	SIBERIAN PASS	CRABTREE MEADOW	GUYOT FLAT	SANDY MEADOWS	TYNDALL CREEK	BIG WHITNEY MEADOW	ROCK CREEK	ROUND MEADOW	RAMSHAW MEADOWS	LITTLE WHITNEY MEADOW	CASA VIEJA MEADOWS	QUINN RANGER STATION	BONITA MEADOWS	BEACH MEADOWS	BASIN WIDE AVERAGE	A-J RUNOFF IN PERCENT OF AVERAGE
1948	--	3.8	6.6	--	--	--	--	4.9	--	18.5	4.4	5.2	10.6	14.6	10.5	6.8	8.6	51%
1949	13.2	5.8	9.1	12.8	12.0	12.8	12.7	11.6	9.8	28.7	9.4	10.8	15.0	20.1	15.0	10.5	13.1	45%
1950	21.0	10.9	18.5	17.8	18.8	18.3	16.8	16.1	16.9	30.2	10.5	12.1	19.7	17.6	13.5	7.1	16.6	64%
1951	17.3	8.3	12.5	9.7	11.8	11.5	10.5	9.7	7.5	4.3	0.0	0.0	0.0	1.6	0.0	0.0	6.5	56%
1952	43.2	32.2	35.0	35.3	37.7	35.6	34.2	35.3	35.3	53.9	30.9	33.2	44.9	49.1	32.5	25.2	37.1	238%
1953	16.8	9.4	14.1	12.7	14.2	12.3	12.9	12.3	12.1	18.4	6.3	9.2	11.7	17.4	8.2	5.3	12.1	70%
1954	22.0	11.8	18.0	16.8	18.0	16.8	18.7	15.7	18.3	29.2	12.2	17.0	23.5	21.3	15.4	10.1	17.8	75%
1955	14.7	8.1	11.6	13.4	15.3	13.1	13.4	10.7	12.3	14.9	7.0	8.0	11.3	13.5	6.5	3.3	11.1	47%
1956	33.3	12.6	26.7	26.7	27.9	25.1	24.3	21.7	23.0	22.3	9.0	13.5	15.1	12.8	8.9	0.0	18.9	112%
1957	14.3	11.7	14.1	11.8	12.6	10.5	11.2	11.5	10.0	14.7	6.8	7.1	10.9	14.4	6.3	0.0	10.5	62%
1958	25.9	20.5	25.0	23.5	25.3	24.5	24.0	22.7	23.7	39.2	17.0	21.2	30.9	--	26.6	21.6	24.8	177%
1959	10.3	5.7	9.7	9.0	9.7	7.3	9.2	8.4	8.7	6.0	5.6	6.8	8.4	5.7	1.8	0.0	7.0	28%
1960	11.8	4.7	9.4	9.4	10.9	7.9	9.5	9.4	6.5	20.2	2.0	2.5	9.1	11.9	6.9	2.7	8.4	36%
1961	6.0	3.8	6.0	7.1	7.8	4.5	4.3	6.3	4.8	12.8	0.0	0.0	6.0	1.6	2.1	0.0	4.6	19%
1962	37.4	27.0	31.8	33.7	35.5	32.6	31.4	30.7	30.6	40.5	--	--	32.1	35.3	27.6	21.3	32.0	110%
1963	19.7	17.5	16.1	17.1	18.4	17.1	17.2	17.0	13.5	12.6	--	--	11.0	5.6	5.7	1.0	13.5	101%
1964	5.1	1.5	3.9	6.1	6.1	5.4	4.8	4.3	5.8	15.1	--	--	8.1	10.8	5.2	2.7	6.1	39%
1965	25.8	13.1	16.4	20.1	18.0	19.8	17.8	13.7	15.0	25.2	8.6	11.4	17.0	16.5	10.3	7.0	16.0	97%
1966	15.7	7.1	14.0	12.9	15.3	11.9	13.2	11.6	10.9	18.5	5.3	6.9	14.2	10.6	10.9	4.7	11.5	47%
1967	37.1	25.2	32.9	32.2	35.8	30.6	30.0	30.3	30.4	19.4	13.5	20.3	27.8	--	14.5	3.0	25.5	196%
1968	14.1	8.9	12.6	12.3	14.0	11.8	11.6	12.6	11.1	17.5	7.6	6.2	12.9	9.7	8.6	4.1	11.0	53%
1969	55.3	41.1	48.4	48.5	50.6	46.3	48.6	45.0	45.8	69.8	38.1	46.1	61.4	59.8	50.2	36.8	49.5	372%
1970	17.0	9.1	12.6	16.4	14.7	16.1	14.6	11.4	12.5	16.7	4.5	7.2	13.4	12.7	6.1	4.1	11.8	68%
1971	15.7	5.7	12.6	11.7	13.2	11.9	13.1	10.8	11.1	21.2	3.3	5.5	14.0	15.9	9.4	3.4	11.2	52%
1972	7.6	2.5	6.6	6.3	7.6	5.2	3.4	5.4	4.1	4.8	0.0	0.0	3.4	2.2	0.0	0.0	3.7	27%
1973	33.6	24.4	30.0	31.7	33.7	31.3	31.8	27.2	30.4	42.7	24.1	28.2	31.7	40.8	28.1	22.3	30.8	154%
1974	25.4	13.2	20.6	20.5	22.6	19.0	20.4	19.1	18.1	29.8	14.3	14.8	21.2	22.0	--	10.1	19.4	114%
1975	18.9	9.7	15.0	16.9	17.6	16.2	15.1	15.9	16.1	26.8	11.6	14.0	20.7	22.3	--	10.3	16.5	82%
1976	5.9	4.4	5.8	3.3	5.4	3.3	4.7	5.5	3.6	11.9	0.9	0.0	7.2	6.3	6.7	2.2	4.8	23%
1977	5.0	3.5	4.0	4.7	4.8	3.2	3.5	4.9	3.1	10.8	2.1	0.0	--	2.0	3.6	0.0	3.7	20%
1978	43.1	40.1	40.1	39.7	41.7	40.1	40.6	37.3	39.6	46.8	31.9	37.6	41.1	43.7	32.2	23.6	38.7	233%
1979	19.9	13.2	17.5	18.2	17.5	17.7	18.8	14.7	14.2	25.3	12.2	14.2	--	--	18.2	14.9	16.9	89%
1980	40.9	29.4	34.4	34.3	35.1	34.5	35.7	29.5	33.5	25.0	21.6	27.4	30.0	36.7	18.7	16.2	30.2	211%
1981	15.3	11.8	13.0	14.0	14.8	14.1	15.8	10.9	12.8	17.4	8.6	9.6	14.6	15.7	12.3	7.5	13.0	54%
1982	32.4	17.4	24.6	23.2	24.3	24.1	26.3	20.3	23.7	31.0	15.2	19.0	29.2	--	23.0	11.6	23.0	169%
1983	48.9	34.9	45.0	45.3	49.2	46.9	43.7	38.6	44.7	63.4	33.2	37.6	48.1	52.1	42.2	30.6	44.0	329%
1984	21.9	9.7	15.4	20.1	17.6	18.1	17.0	12.9	13.8	15.7	2.1	2.6	11.9	9.4	2.1	0.0	11.9	90%
1985	18.6	17.2	20.5	17.2	20.8	16.3	15.5	19.0	18.9	26.2	14.6	15.0	25.5	19.1	17.7	10.8	18.3	90%
1986	45.1	34.1	39.3	29.9	38.6	37.3	35.1	34.8	36.5	44.2	22.8	25.4	35.0	29.8	21.3	11.6	32.6	189%
1987	11.3	7.6	8.9	9.3	11.5	9.2	11.0	7.8	8.1	15.8	6.3	8.3	9.8	17.3	9.0	1.3	9.5	45%
1988	9.6	5.3	7.8	8.8	8.9	8.9	9.0	4.0	6.3	7.2	0.0	0.0	2.7	2.4	0.4	0.0	5.1	34%
1989	15.3	10.2	13.0	12.3	15.7	13.3	11.0	14.4	14.1	21.7	7.3	11.5	17.2	12.9	14.6	5.2	13.1	50%
1990	7.6	1.9	6.1	6.6	7.2	4.9	7.9	6.2	4.0	9.9	0.9	2.2	--	4.9	1.6	0.0	4.8	24%
1991	19.7	14.1	17.5	14.1	18.9	17.1	17.2	15.1	17.0	24.7	11.6	14.6	14.0	21.0	15.0	7.0	16.2	59%
1992	12.7	13.2	11.7	11.0	10.7	12.2	12.0	9.1	9.9	21.0	7.7	8.0	10.8	12.8	11.0	4.0	11.1	38%
1993	33.7	19.6	29.9	27.6	30.2	27.7	29.3	26.4	28.8	41.0	19.8	22.5	30.0	32.1	24.0	14.5	27.3	124%
1994	13.4	6.7	11.3	12.1	13.6	11.2	11.5	8.8	10.6	14.3	5.9	7.1	10.2	7.9	7.3	3.2	9.7	41%
1995	35.3	30.5	34.8	32.8	35.3	33.0	32.5	30.5	32.2	44.4	23.3	26.4	33.7	51.0	26.6	14.5	32.3	198%
1996	29.6	17.7	23.0	23.2	24.6	23.4	25.9	18.6	21.9	31.0	12.5	16.5	25.5	21.0	18.9	9.8	21.4	127%
1997	32.5	17.0	26.7	26.4	28.1	26.1	26.1	19.0	23.7	26.1	13.2	16.5	20.0	22.1	9.0	2.1	20.9	122%
1998	36.9	26.7	30.8	33.1	34.6	31.6	33.7	27.9	30.6	--	22.9	26.3	--	--	--	--	30.5	242%
1999	12.3	5.7	10.6	10.7	11.0	9.5	10.0	10.4	8.5	20.3	5.0	6.0	13.5	8.0	6.9	0.6	9.3	54%
2000	22.0	13.8	17.0	17.9	19.2	16.9	19.4	14.2	17.2	23.8	9.9	13.1	18.7	17.4	11.7	6.1	16.1	65%
2001	13.1	14.5	14.6	12.7	12.7	11.5	12.6	12.8	10.5	15.3	9.3	8.9	11.5	10.2	10.8	3.4	11.5	53%
2002	22.4	7.1	12.1	13.1	14.6	14.3	14.8	12.1	13.4	18.4	6.1	6.7	--	14.4	7.0	--	12.6	46%
2003	16.6	11.4	15.6	14.9	16.2	15.1	14.1	13.9	14.4	--	6.8	7.4	7.1	11.1	--	1.0	11.8	70%
2004	17.9	11.0	15.0	13.0	13.7	10.7	13.0	11.2	10.6	18.7	6.3	8.5	--	--	5.1	--	11.9	48%
2005	31.0	30.2	30.9	32.8	34.7	29.8	29.5	29.9	29.0	40.5	26.4	28.2	34.8	36.0	32.5	18.2	30.9	153% (e)
MAXIMUM	55.3	41.1	48.4	48.5	50.6	46.9	48.6	45.0	45.8	69.8	38.1	46.1	61.4	59.8	50.2	36.8	49.5	
MINIMUM	5.0	1.5	3.9	3.3	4.8	3.2	3.4	4.0	3.1	4.3	0.0	0.0	0.0	1.6	0.0	0.0	3.7	
AVERAGE	22.2	14.4	18.7	18.9	20.3	18.6	18.8	16.8	17.5	24.7	11.2	13.4	19.4	18.9	13.7	8.1	17.2	

REPORT OF THE KERN RIVER WATERMASTER

Quantities in S.F.D. except where noted

MAY 2005

DAY	ISABELLA RESERVOIR ELEVATION (FEET)	MIDNIGHT STORAGE ACRE-FEET	S.F.D.	LOSS	FLOW AT 1ST POINT	FLOW ABOVE 1ST POINT	FIRST POINT REGULATED FLOW	CHANGE IN STORAGE+LOSS +1ST POINT REGULATED FLOW	COMPUTED 1ST POINT NATURAL FLOW	MEAN STORAGE Recreation Pool + Dead Storage = 15,218 S.F.D. (30,184 ACFT) TOTAL	IRRIGATION	KERN COUNTY RECREATION POOL LOSS	TOTAL FLOW AT SECOND POINT	SECOND POINT GROUP FLOW AT 2ND POINT KERN RIVER	FRIANT-KERN	FRIANT-KERN INFLOW	DAY
Previous Day	2577.58	292,162	147,298	39	779	20	799	2,534	2,534	147,298	132,080	2	71	0	71	720	
1	2577.95	295,218	148,839	62	922	20	942	2,545	2,664	148,958	133,740	4	73	27	46	1,062	1
2	2578.38	298,790	150,640	59	1,020	22	1,042	2,902	2,853	150,710	135,492	3	76	70	6	1,267	2
3	2578.83	302,552	152,537	94	1,097	24	1,121	3,112	3,108	152,603	137,385	5	44	44	0	1,235	3
4	2579.32	306,679	154,617	58	1,150	21	1,171	3,309	3,419	154,793	139,575	3	114	41	73	1,236	4
5	2579.94	311,944	157,272	3	1,157	22	1,179	3,837	3,608	157,219	142,001	0	180	87	93	1,275	5
6	2580.54	317,082	159,862	22	1,046	20	1,066	3,678	3,598	159,729	144,511	1	221	76	145	1,372	6
7	2581.08	321,746	162,214	59	848	21	869	3,280	3,323	162,124	146,906	3	188	98	90	1,449	7
8	2581.57	326,008	164,362	63	780	21	801	3,012	3,198	164,458	149,240	3	142	90	52	1,502	8
9	2582.12	330,828	166,793	30	819	21	840	3,301	3,230	166,818	151,600	1	78	58	20	1,502	9
10	2582.68	335,774	169,286	38	827	20	847	3,378	3,226	169,159	153,941	2	113	70	43	1,511	10
11	2583.13	339,774	171,303	72	889	21	910	2,999	3,095	171,272	156,054	3	121	47	74	1,469	11
12	2583.55	343,530	173,196	46	946	24	970	2,909	2,996	173,252	158,034	2	145	37	108	1,437	12
13	2583.99	347,490	175,193	65	996	23	1,019	3,081	3,137	175,305	160,087	3	151	59	92	1,428	13
14	2584.50	352,107	177,521	86	985	21	1,006	3,420	3,445	177,658	162,440	4	152	56	96	1,397	14
15	2585.09	357,485	180,232	87	1,012	23	1,035	3,833	3,979	180,515	165,297	4	154	54	100	1,478	15
16	2585.84	364,384	183,710	58	1,127	20	1,147	4,683	4,476	183,786	168,568	2	96	72	24	1,222	16
17	2586.62	371,629	187,363	78	1,159	21	1,180	4,911	4,790	187,318	172,100	3	91	76	15	1,056	17
18	2587.35	378,474	190,814	102	1,200	22	1,222	4,775	4,965	190,959	175,741	4	142	52	90	1,044	18
19	2588.15	386,048	194,633	111	1,259	21	1,280	5,210	5,224	194,792	179,574	4	164	52	112	1,068	19
20	2589.03	394,463	198,875	91	1,328	25	1,353	5,686	5,560	198,908	183,690	4	131	51	80	1,050	20
21	2589.92	403,068	203,214	94	1,323	27	1,350	5,783	5,824	203,288	188,070	4	124	55	69	1,092	21
22	2590.81	411,761	207,596	107	1,490	25	1,515	6,004	6,039	207,705	192,487	4	109	58	51	1,254	22
23	2591.66	420,150	211,826	119	1,958	24	1,982	6,331	6,346	211,950	196,732	4	95	57	38	1,012	23
24	2592.54	428,919	216,247	100	2,156	27	2,183	6,704	6,562	216,229	201,011	3	127	54	73	887	24
25	2593.39	437,474	220,560	107	2,204	28	2,232	6,652	6,829	220,719	205,501	4	199	122	18	617	25
26	2594.32	446,926	225,325	135	2,206	26	2,232	7,132	7,009	225,361	210,143	4	251	108	81	290	26
27	2595.28	456,785	230,296	136	2,107	28	2,135	7,242	7,196	230,286	215,068	4	190	62	61	249	27
28	2596.24	466,749	235,319	116	2,048	26	2,074	7,213	7,111	235,207	219,989	4	266	110	106	308	28
29	2597.10	475,759	239,862	139	2,169	26	2,195	6,877	6,771	239,644	224,426	4	249	81	73	454	29
30	2597.82	483,366	243,697	112	2,249	28	2,277	6,224	6,442	243,697	228,479	3	254	90	76	581	30
31	2598.42	489,751	246,916	92	2,268	25	2,293	5,604	5,604	246,916	231,698	3	217	91	0	367	31
TOTAL SECOND FOOT DAYS				2,541	42,745	723	43,468	145,627	145,627	246,916	231,698	99	4,657	2,105	2,005	33,171	
TOTAL ACRE-FEET				5,040	84,783	1,434	86,217	288,847	288,847	489,751	459,567	196	9,237	4,175	3,977	65,794	

By: _____ Date: June 27, 2005

MAY 2005

	NORTH KERN WATER STORAGE DISTRICT					BUENA VISTA WATER STORAGE DISTRICT										HACIENDA WATER DISTRICT					
							FLOW														
DAY	ENT'L AT 1ST POINT	FLOW AT 1ST POINT	FLOW ABOVE 1ST POINT	RESERVOIR LOSS	RESERVOIR STORAGE	ENT'L AT 2ND POINT	VIA KDWD STATE EXCH.	VIA KDWD MWD WATER	VIA RRBWSD	VIA NKWSD	PIONEER PROJECT	AT 2ND POINT	FLOW ABOVE 1ST PT. CARMEL La HACIENDA INC.	RESERVOIR LOSS	RESERVOIR STORAGE	ENTITLEMENT Contributed by: NKWSD	ENTITLEMENT Contributed by: BVWSD	FLOW	FLOW ABOVE 1ST POINT	RESERVOIR LOSS	RESERVOIR STORAGE	DAY
Previous Day	1,789	635	19	28	95,884	745	1	0	43	100	0	0	1	11	36,196	0	0		0	0	0	
1	1,646	713	18	45	96,754	757	2	0	80	100	0	27	2	17	36,725	220	41		0	0	261	1
2	1,743	811	21	43	97,622	831	1	0	38	100	0	70	1	16	37,330	235	44		0	0	540	2
3	1,871	871	22	68	98,532	933	4	34	44	100	0	44	2	26	38,009	256	48		0	0	844	3
4	2,023	914	20	42	99,579	1,061	4	34	57	100	0	41	1	16	38,817	282	53		0	0	1,179	4
5	2,113	870	20	2	100,800	1,142	5	38	57	100	0	87	2	1	39,669	297	56		0	0	1,532	5
6	2,108	756	19	16	102,117	1,138	4	44	67	99	0	76	1	6	40,510	296	56		0	0	1,884	6
7	1,976	558	19	42	103,474	1,022	0	44	48	100	0	98	2	16	41,224	274	51		0	1	2,208	7
8	1,914	489	20	44	104,835	971	0	46	55	100	0	90	1	18	41,885	264	49		0	1	2,520	8
9	1,931	545	19	22	106,180	983	0	44	59	100	13	58	2	8	42,584	266	50		0	0	2,836	9
10	1,928	534	19	26	107,529	982	2	46	0	100	75	70	1	11	43,261	266	50		0	1	3,151	10
11	1,865	608	19	51	108,716	927	1	49	0	100	84	47	2	20	43,885	255	48		0	1	3,453	11
12	1,816	667	23	32	109,810	887	0	52	0	99	91	37	1	13	44,479	247	46		0	1	3,745	12
13	1,885	692	21	46	110,936	945	0	45	0	100	100	59	2	18	45,100	259	48		0	1	4,051	13
14	2,035	698	20	60	112,193	1,073	0	36	0	100	95	56	1	24	45,861	284	53		0	2	4,386	14
15	2,285	739	21	61	113,657	1,304	0	40	0	100	79	54	2	24	46,866	328	62		0	2	4,774	15
16	2,504	839	19	40	115,263	1,534	2	42	0	100	72	72	1	16	48,095	369	69		0	2	5,210	16
17	2,642	862	19	54	116,970	1,679	2	45	0	100	74	76	2	22	49,453	395	74		0	2	5,677	17
18	2,720	936	21	70	118,663	1,759	6	47	0	100	59	52	1	29	50,918	409	77		0	3	6,160	18
19	2,833	993	19	75	120,409	1,879	6	48	0	99	61	52	2	32	52,497	431	81		0	4	6,668	19
20	2,982	1,058	24	62	122,247	2,034	8	42	0	100	69	51	1	26	54,234	458	86		0	3	7,209	20
21	3,098	1,045	25	62	124,213	2,156	11	36	0	100	76	55	2	28	56,082	480	90		0	4	7,775	21
22	3,192	1,214	24	71	126,096	2,256	2	40	0	100	76	58	1	32	58,029	498	93		0	4	8,362	22
23	3,328	1,692	22	78	127,632	2,397	1	32	0	100	76	57	2	36	60,122	523	98		0	5	8,978	23
24	3,422	1,887	26	66	129,075	2,497	2	38	0	99	76	54	1	30	62,319	542	101		0	4	9,617	24
25	3,540	1,915	26	69	130,605	2,620	3	27	0	100	37	122	2	33	64,615	563	106		0	5	10,281	25
26	3,619	1,936	25	86	132,177	2,704	3	19	0	100	40	108	1	42	67,006	578	108		0	7	10,960	26
27	3,701	1,807	26	86	133,959	2,790	4	28	0	100	106	62	2	43	69,451	594	111		0	7	11,658	27
28	3,665	1,637	25	73	135,889	2,750	3	19	0	100	179	110	1	37	71,752	586	110		0	6	12,348	28
29	3,515	1,794	24	86	137,500	2,593	1	29	0	100	164	81	2	45	73,923	558	105		0	8	13,003	29
30	3,370	1,866	26	69	138,909	2,441	5	24	0	100	164	90	2	37	75,942	531	100		0	6	13,628	30
31	3,001	1,867	23	57	139,963	2,054	6	29	0	99	176	91	2	30	77,563	462	87		0	5	14,172	31
S.F.D.	80,271	33,813	675	1,704	139,963	51,099	88	1,097	505	3,095	2,042	2,105	48	752	77,563	12,006	2,251		0	85	14,172	S.F.D.
AC.FT.	159,216	67,067	1,339	3,379	277,613	101,353	175	2,176	1,002	6,138	4,050	4,175	95	1,492	153,844	23,813	4,465		0	169	28,110	AC.FT.

TOTAL ACRE-FOOT STORAGE DAYS 7,184,731

TOTAL ACRE-FOOT STORAGE DAYS 3,209,663

TOTAL ACRE-FOOT STORAGE DAYS 375,015

MAY 2005

WATERMASTER NOTES *** KERN RIVER BULLETIN

MONTH	DAY(S)	PAGE NO.	TITLE OF COLUMN	COMMENT
May	1-31	1	FRIANT KERN INFLOW	Includes Friant-Kern Inflow to Kern River Channel on behalf of Arvin-Edison WSD (2,333 AcFt), Kern-Tulare WD (193 AcFt), Kern County Water Agency (57,237 AcFt) and North Kern WSD (6,031 AcFt).
May	3	2	BVWSD FLOW - VIA KDWD (MWD WATER)	Delivered pursuant to terms of BUENA VISTA WATER STORAGE DISTRICT/Kern Delta Water District exchange agreement dated April 28, 2005.
May	1	2	HACIENDA WATER DISTRICT ENTITLEMENT	Allocation of HACIENDA WATER DISTRICT April-July Entitlement beginning May 1, 2005 as set forth in paragraph 1 (c) of the 1962 Kern River Water Rights and Storage Agreement.

KERN RIVER

MAY CONTRIBUTION TO THE APRIL - JULY RUNOFF 1894 TO DATE

In Order of Magnitude

Rank	Year	May Runoff (AcFt)	April-July Runoff (AcFt)	April-July % of Average	May % of April-July
1	2001	124,417	250,292	54%	49.71%
2	1924	41,722	92,556	20%	45.08%
3	1947	110,325	249,572	54%	44.21%
4	1976	47,151	108,754	23%	43.36%
5	1897	281,639	654,262	141%	43.05%
6	1931	41,867	98,062	21%	42.69%
7	1926	98,598	232,782	50%	42.36%
8	2000	129,406	306,496	66%	42.22%
9	1992	74,394	179,153	39%	41.53%
10	1937	352,050	852,047	183%	41.32%
11	1919	140,215	342,997	74%	40.88%
12	1949	84,508	209,911	45%	40.26%
13	1973	288,652	723,768	156%	39.88%
14	1946	155,476	390,747	84%	39.79%
15	1928	76,885	193,702	42%	39.69%
16	1954	139,719	354,117	76%	39.46%
17	1979	164,935	419,859	90%	39.28%
18	1922	242,259	617,710	133%	39.22%
19	1929	85,995	219,532	47%	39.17%
20	1941	386,666	995,657	214%	38.84%
21	1952	434,769	1,119,815	241%	38.83%
22	1895	268,635	694,729	150%	38.67%
23	2005	288,847	750,000	161%	38.51% **(e)**
24	1940	196,465	510,614	110%	38.48%
25	1984	161,613	423,132	91%	38.19%
26	1958	316,974	831,669	179%	38.11%
27	1975	147,001	386,180	83%	38.07%
28	1936	219,404	581,624	125%	37.72%
29	1996	225,987	599,331	129%	37.71%
30	1999	95,199	252,627	54%	37.68%
31	1997	214,290	571,476	123%	37.50%
32	1966	82,336	219,893	47%	37.44%
33	1934	43,065	116,145	25%	37.08%
34	1944	150,109	405,391	87%	37.03%
35	1920	158,904	430,813	93%	36.88%
36	1943	254,785	697,182	150%	36.54%
37	1981	91,914	252,681	54%	36.38%
38	1923	120,849	332,532	72%	36.34%
39	1910	127,733	352,126	76%	36.27%
40	1988	58,350	162,043	35%	36.01%
41	1972	45,965	127,720	28%	35.99%
42	1948	86,108	239,980	52%	35.88%
43	1904	113,205	316,646	68%	35.75%
44	1987	75,108	211,408	46%	35.53%
45	1968	87,991	248,319	53%	35.43%
46	1927	184,721	521,717	112%	35.41%
47	1969	617,968	1,747,874	376%	35.36%
48	2004	78,343	222,002	48%	35.29%
49	1994	67,224	191,004	41%	35.20%
50	2003	113,472	325,076	70%	34.91%
51	1913	73,561	211,722	46%	34.74%
52	1900	68,295	196,888	42%	34.69%
53	1960	58,336	168,472	36%	34.63%
54	1985	146,799	424,293	91%	34.60%
55	1970	110,057	319,408	69%	34.46%
56	1945	205,509	597,350	129%	34.40%
57	1939	92,253	268,269	58%	34.39%
58	1993	200,864	584,691	126%	34.35%
59	1974	183,733	535,166	115%	34.33%
60	1961	29,980	87,374	19%	34.31%
61	1990	38,600	113,344	24%	34.06%
62	1964	61,521	182,928	39%	33.63%
63	1894	98,801	295,400	64%	33.45%
64	1898	45,213	135,303	29%	33.42%
65	1978	363,157	1,094,375	236%	33.18%
66	1903	132,097	398,989	86%	33.11%
67	1986	293,335	886,674	191%	33.08%
68	1950	98,483	299,906	65%	32.84%
69	1938	315,044	961,769	207%	32.76%
70	1925	102,016	313,113	67%	32.58%
71	2002	69,991	215,307	46%	32.51%
72	1951	85,039	261,884	56%	32.47%
73	1905	117,748	366,396	79%	32.14%
74	1901	186,446	582,041	125%	32.03%
75	1982	254,985	796,794	172%	32.00%
76	1912	80,471	251,812	54%	31.96%
77	1909	382,617	1,218,975	262%	31.39%
78	1921	100,096	321,325	69%	31.15%
79	1983	478,625	1,545,810	333%	30.96%
80	1955	69,544	224,785	48%	30.94%
81	1914	210,676	685,012	148%	30.76%
82	1989	71,849	234,430	50%	30.65%
83	1959	39,945	130,585	28%	30.59%
84	1908	79,418	260,894	56%	30.44%
85	1956	159,683	525,641	113%	30.38%
86	1916	472,994	1,571,597	338%	30.10%
87	1935	103,787	350,647	76%	29.60%
88	1917	165,062	560,304	121%	29.46%
89	1907	199,950	678,748	146%	29.46%
90	1932	154,742	526,432	113%	29.39%
91	1967	269,631	924,005	199%	29.18%
92	1930	67,851	232,582	50%	29.17%
93	1980	287,825	991,025	213%	29.04%
94	1963	137,839	476,579	103%	28.92%
95	1965	131,980	456,668	98%	28.90%
96	1991	79,763	276,543	60%	28.84%
97	1942	150,036	522,905	113%	28.69%
98	1902	109,904	389,596	84%	28.21%
99	1995	255,046	929,221	200%	27.45%
100	1915	124,506	455,242	98%	27.35%
101	1971	66,635	244,475	53%	27.26%
102	1957	79,355	292,346	63%	27.14%
103	1998	308,440	1,137,373	245%	27.12%
104	1977	25,630	95,649	21%	26.80%
105	1962	135,884	515,474	111%	26.36%
106	1911	184,481	701,168	151%	26.31%
107	1953	86,019	329,570	71%	26.10%
108	1906	360,234	1,391,636	300%	25.89%
109	1899	51,353	213,710	46%	24.03%
110	1918	78,722	334,816	72%	23.51%
111	1896	86,174	372,922	80%	23.11%
112	1933	60,026	299,584	65%	20.04%

REPORT OF THE KERN RIVER WATERMASTER

JUNE 2005

Quantities in S.F.D. except where noted

DAY	ISABELLA RESERVOIR ELEVATION (FEET)	MIDNIGHT STORAGE ACRE-FEET	S.F.D.	LOSS	FLOW AT 1ST POINT	FLOW ABOVE 1ST POINT	FIRST POINT REGULATED FLOW	CHANGE IN STORAGE+LOSS +1ST POINT REGULATED FLOW	COMPUTED 1ST POINT NATURAL FLOW	MEAN STORAGE Recreation Pool + Dead Storage = 15,218 S.F.D. (30,184 ACFT) TOTAL	IRRIGATION	KERN COUNTY RECREATION POOL LOSS	TOTAL FLOW AT SECOND POINT	SECOND POINT GROUP FLOW AT 2ND POINT KERN RIVER	FRIANT-KERN	FRIANT-KERN INFLOW	DAY
Previous Day	2598.42	489,751	246,916	92	2,268	25	2,293	5,604	5,604	246,916	231,698	3	217	91	0	367	
1	2599.03	496,280	250,208	136	2,576	29	2,605	6,033	6,091	250,266	235,048	4	278	258	20	168	1
2	2599.63	502,744	253,467	189	2,729	29	2,758	6,206	6,087	253,406	238,188	5	433	413	20	171	2
3	2600.19	508,814	256,527	115	2,819	29	2,848	6,023	5,893	256,336	241,118	3	518	498	20	171	3
4	2600.64	513,715	258,998	125	2,824	30	2,854	5,450	5,495	258,852	243,634	4	593	573	20	365	4
5	2601.00	517,653	260,984	149	2,846	30	2,876	5,011	5,091	260,918	245,700	4	677	551	126	661	5
6	2601.31	521,053	262,698	146	2,922	30	2,952	4,812	4,703	262,523	247,305	4	669	594	75	310	6
7	2601.51	523,253	263,807	120	3,025	33	3,058	4,287	4,334	263,679	248,461	3	621	593	28	171	7
8	2601.63	524,576	264,474	130	3,076	31	3,107	3,904	3,944	264,386	249,168	4	625	605	20	171	8
9	2601.70	525,349	264,864	100	3,121	31	3,152	3,642	3,801	264,935	249,717	3	746	726	20	194	9
10	2601.80	526,452	265,420	124	3,145	32	3,177	3,857	3,811	265,445	250,227	3	842	822	20	169	10
11	2601.92	527,779	266,089	147	3,088	30	3,118	3,934	3,936	266,116	250,898	4	900	880	20	370	11
12	2602.05	529,216	266,813	117	3,144	31	3,175	4,016	4,078	266,902	251,684	3	863	843	20	604	12
13	2602.20	530,880	267,652	144	3,269	32	3,301	4,284	4,335	267,792	252,574	4	853	833	20	254	13
14	2602.43	533,433	268,939	117	3,271	31	3,302	4,706	4,530	268,903	253,685	3	877	857	20	103	14
15	2602.62	535,546	270,005	175	3,330	30	3,360	4,601	4,637	270,005	254,787	5	871	851	20	102	15
16	2602.80	537,552	271,016	172	3,387	33	3,420	4,603	4,413	270,826	255,608	5	852	843	9	47	16
17	2602.89	538,557	271,523	128	3,368	32	3,400	4,035	4,033	271,331	256,113	3	789	789	0	0	17
18	2602.86	538,222	271,354	101	3,500	29	3,529	3,461	3,521	271,222	256,004	3	800	793	0	497	18
19	2602.73	536,773	270,623	118	3,649	32	3,681	3,068	3,242	270,665	255,447	3	843	833	0	511	19
20	2602.61	535,435	269,949	148	3,694	30	3,724	3,198	3,127	269,920	254,702	4	897	891	0	196	20
21	2602.50	534,212	269,332	121	3,582	29	3,611	3,115	3,226	269,414	254,196	3	869	862	0	47	21
22	2602.45	533,656	269,052	148	3,469	27	3,496	3,364	3,295	269,065	253,847	4	725	718	0	0	22
23	2602.41	533,211	268,827	148	3,453	30	3,483	3,406	3,400	268,834	253,616	4	711	703	0	0	23
24	2602.39	532,988	268,715	155	3,355	32	3,387	3,430	3,311	268,603	253,385	4	709	702	0	0	24
25	2602.34	532,432	268,435	117	3,229	32	3,261	3,098	3,194	268,419	253,201	3	687	679	0	139	25
26	2602.29	531,877	268,155	148	3,152	33	3,185	3,053	3,031	268,117	252,899	4	682	675	0	341	26
27	2602.22	531,102	267,764	151	3,149	32	3,181	2,941	2,904	267,689	252,471	4	545	538	0	187	27
28	2602.12	529,992	267,204	158	3,088	32	3,120	2,718	2,849	267,260	252,042	4	365	362	0	0	28
29	2602.06	529,327	266,869	137	3,054	32	3,086	2,888	2,832	266,869	251,651	4	370	370	0	0	29
30	2602.02	528,884	266,646	147	3,069	32	3,101	3,025	3,025	266,646	251,428	4	402	402	0	0	30
TOTAL SECOND FOOT DAYS				4,131	95,383	925	96,308	120,169	120,169	266,646	251,428	112	20,612	20,057	478	5,949	
TOTAL ACRE-FEET				8,194	189,189	1,835	191,024	238,352	238,352	528,884	498,700	222	40,883	39,782	948	11,799	

By: _____ Date: July 22, 2005

JUNE 2005

	NORTH KERN WATER STORAGE DISTRICT					BUENA VISTA WATER STORAGE DISTRICT											HACIENDA WATER DISTRICT					
							FLOW															
	ENT'L	FLOW	FLOW ABOVE	RESERVOIR		ENT'L	VIA/FOR KDWD						FLOW ABOVE 1ST PT. CARMEL	RESERVOIR		ENTITLEMENT		FLOW	RESERVOIR		
	AT 1ST	AT 1ST	1ST			AT 2ND	STATE	MWD	VIA	VIA	VIA	PIONEER	AT 2ND	La HACIENDA			Contributed by:					
DAY	POINT	POINT	POINT	LOSS	STORAGE	POINT	EXCH.	WATER	CWD	RRBWSD	NKWSD	PROJECT	POINT	INC.	LOSS	STORAGE	NKWSD	BVWSD		LOSS	STORAGE	DAY
Previous Day	3,001	1,867	23	57	139,963	2,054	6	29	0	0	99	176	91	2	30	77,563	462	87		5	14,172	
1	3,061	2,013	27	83	140,901	2,233	55	15	0	0	99	136	258	2	45	79,186	656	141		8	14,961	1
2	3,060	1,993	26	114	141,828	2,231	52	23	0	0	100	148	413	3	63	80,615	655	141		12	15,745	2
3	2,979	2,007	27	69	142,704	2,143	51	27	0	0	100	136	498	2	39	81,905	635	136		7	16,509	3
4	2,814	1,995	28	75	143,420	1,962	54	24	0	0	100	78	573	2	42	82,994	592	127		8	17,220	4
5	2,646	1,953	27	89	143,997	1,779	54	20	0	0	100	168	551	3	50	83,827	548	118		10	17,876	5
6	2,486	2,013	28	87	144,355	1,602	54	23	0	0	100	138	594	2	49	84,469	506	109		10	18,481	6
7	2,332	2,128	31	70	144,458	1,435	53	8	0	0	100	143	593	2	41	84,964	467	100		9	19,039	7
8	2,169	2,177	28	76	144,346	1,259	53	9	0	0	100	132	605	3	44	85,277	425	91		10	19,545	8
9	2,106	2,123	29	58	144,242	1,198	53	9	0	0	100	110	726	2	34	85,441	409	88		8	20,034	9
10	2,110	2,009	30	72	144,241	1,202	54	13	0	0	100	147	822	2	42	85,463	411	88		10	20,523	10
11	2,165	1,944	27	85	144,350	1,256	56	12	0	0	99	97	880	3	50	85,522	424	91		12	21,026	11
12	2,226	2,019	29	67	144,461	1,319	58	12	0	0	100	112	843	2	40	85,674	439	94		10	21,549	12
13	2,332	2,034	30	83	144,646	1,436	54	12	0	0	99	237	833	2	49	85,824	467	100		12	22,104	13
14	2,413	2,120	28	68	144,843	1,524	52	13	0	0	103	126	857	3	39	86,155	488	105		10	22,687	14
15	2,457	2,186	28	101	144,985	1,573	54	6	0	0	102	131	851	2	59	86,523	500	107		15	23,279	15
16	2,365	2,272	31	99	144,948	1,471	54	0	0	42	47	129	843	2	58	86,819	475	102		15	23,841	16
17	2,206	2,246	29	73	144,806	1,299	54	11	95	80	0	93	789	3	43	86,950	435	93		12	24,357	17
18	1,983	2,345	27	58	144,359	1,077	55	15	95	80	0	117	793	2	34	86,836	379	82		9	24,809	18
19	1,855	2,440	30	67	143,677	963	53	15	94	80	0	134	833	2	40	86,548	349	75		11	25,222	19
20	1,801	2,339	27	84	143,028	917	79	15	98	80	0	192	891	3	50	86,057	337	72		14	25,617	20
21	1,847	2,238	27	68	142,542	957	86	16	115	80	0	185	862	2	41	85,627	347	75		12	26,027	21
22	1,879	2,289	25	83	142,024	985	90	13	108	80	0	171	718	2	50	85,380	355	76		15	26,443	22
23	1,928	2,313	27	84	141,528	1,027	87	10	109	80	0	151	703	3	49	85,215	366	79		15	26,873	23
24	1,887	2,247	30	87	141,051	991	77	9	96	80	0	144	702	2	52	85,044	356	77		16	27,290	24
25	1,832	2,179	30	66	140,608	944	78	29	100	80	0	84	679	2	39	84,897	344	74		12	27,696	25
26	1,757	2,140	30	83	140,112	878	74	31	100	80	0	52	675	3	49	84,711	326	70		16	28,076	26
27	1,695	2,192	30	85	139,500	829	73	27	110	80	0	129	538	2	50	84,531	313	67		16	28,440	27
28	1,669	2,285	30	88	138,766	807	82	36	111	80	0	132	362	2	53	84,480	307	66		17	28,796	28
29	1,661	2,255	29	76	138,067	801	73	33	113	80	0	130	370	3	46	84,433	305	65		15	29,151	29
30	1,754	2,237	30	81	137,473	875	73	31	115	80	0	131	402	2	49	84,425	326	70		17	29,530	30
S.F.D.	65,475	64,731	855	2,379	137,473	38,973	1,895	517	1,459	1,162	1,549	4,013	20,057	70	1,389	84,425	12,942	2,779		363	29,530	S.F.D.
AC.FT.	129,868	128,392	1,696	4,719	272,674	77,302	3,758	1,026	2,894	2,304	3,073	7,960	39,782	139	2,755	167,454	25,670	5,512		720	58,572	AC.FT.

TOTAL ACRE-FOOT STORAGE DAYS 8,489,779

TOTAL ACRE-FOOT STORAGE DAYS 5,049,502

TOTAL ACRE-FOOT STORAGE DAYS 1,374,041

JUNE 2005

WATERMASTER NOTES * KERN RIVER BULLETIN**

MONTH	DAY(S)	PAGE NO.	TITLE OF COLUMN	COMMENT
June	1-30	1	FRIANT KERN INFLOW	Includes Friant-Kern Inflow to Kern River Channel on behalf of Kern-Tulare Water District (3,073 AcFt) and Kern County Water Agency (8,726 AcFt).
June	17	2	BVWSD FLOW - VIA CWD	Delivered pursuant to terms of BUENA VISTA WATER STORAGE DISTRICT/Cawelo Water District exchange agreement dated July 21, 1983 as confirmed in Buena Vista WSD letter dated May 19, 2005.



Rio Bravo Diversion Dam
June 20, 2005

REPORT OF THE KERN RIVER WATERMASTER

Quantities in S.F.D. except where noted

JULY 2005

DAY	ISABELLA RESERVOIR ELEVATION (FEET)	MIDNIGHT STORAGE ACRE-FEET	S.F.D.	LOSS	FLOW AT 1ST POINT	FLOW ABOVE 1ST POINT	FIRST POINT REGULATED FLOW	CHANGE IN STORAGE+LOSS +1ST POINT REGULATED FLOW	COMPUTED 1ST POINT NATURAL FLOW	MEAN STORAGE Recreation Pool + Dead Storage = 15,218 S.F.D. (30,184 ACFT) TOTAL	MEAN STORAGE IRRIGATION	KERN COUNTY RECREATION POOL LOSS	TOTAL FLOW AT SECOND POINT	SECOND POINT GROUP FLOW AT 2ND POINT KERN RIVER	SECOND POINT GROUP FLOW AT 2ND POINT FRIANT-KERN	FRIANT-KERN INFLOW	DAY
Previous Day	2602.02	528,884	266,646	147	3,069	32	3,101	3,025	3,025	266,646	251,428	4	402	402	0	0	
1	2602.01	528,773	266,590	178	3,132	33	3,165	3,287	3,340	266,643	251,425	5	416	367	0	0	1
2	2602.04	529,105	266,757	161	3,083	34	3,117	3,445	3,401	266,766	251,548	4	412	363	0	66	2
3	2602.07	529,438	266,925	221	3,051	31	3,082	3,471	3,321	266,784	251,566	6	426	378	0	204	3
4	2602.01	528,773	266,590	175	3,174	32	3,206	3,046	3,141	266,544	251,326	5	423	374	0	192	4
5	2601.90	527,558	265,977	189	3,295	35	3,330	2,906	2,893	265,918	250,700	5	380	332	0	56	5
6	2601.75	525,902	265,142	150	3,382	32	3,414	2,729	2,850	265,204	249,986	4	390	341	0	0	6
7	2601.63	524,576	264,474	182	3,370	31	3,401	2,915	2,789	264,410	249,192	5	406	357	0	0	7
8	2601.49	523,035	263,697	199	3,265	35	3,300	2,722	2,752	263,663	248,445	6	437	385	0	0	8
9	2601.35	521,493	262,920	188	3,174	33	3,207	2,618	2,561	262,829	247,611	5	432	377	0	0	9
10	2601.18	519,626	261,978	152	3,103	30	3,133	2,343	2,383	261,927	246,709	4	451	393	0	92	10
11	2600.94	516,995	260,652	163	3,318	34	3,352	2,189	2,307	260,719	245,501	5	459	402	0	78	11
12	2600.72	514,589	259,439	131	3,439	32	3,471	2,389	2,281	259,398	244,180	4	429	371	0	0	12
13	2600.49	512,079	258,173	179	3,318	33	3,351	2,264	2,261	258,129	242,911	5	438	380	0	0	13
14	2600.24	509,358	256,801	193	3,273	35	3,308	2,129	2,176	256,804	241,586	6	452	394	0	0	14
15	2600.01	506,857	255,541	178	3,183	34	3,217	2,135	2,068	255,477	240,259	5	453	396	0	0	15
16	2599.79	504,474	254,339	140	2,970	34	3,004	1,942	1,981	254,314	239,096	4	380	327	0	0	16
17	2599.55	501,879	253,031	199	2,941	34	2,975	1,866	1,858	252,998	237,780	6	335	283	0	0	17
18	2599.28	498,968	251,563	198	3,000	36	3,036	1,766	1,794	251,558	236,340	6	325	272	0	0	18
19	2599.01	496,065	250,100	163	3,014	37	3,051	1,751	1,713	250,057	234,839	5	331	278	0	0	19
20	2598.71	492,851	248,479	184	3,023	36	3,059	1,622	1,678	248,492	233,274	5	332	283	0	0	20
21	2598.42	489,751	246,916	159	3,032	33	3,065	1,661	1,640	246,908	231,690	5	332	283	0	0	21
22	2598.14	486,767	245,412	148	2,961	33	2,994	1,638	1,640	245,406	230,188	4	333	284	0	0	22
23	2597.87	483,897	243,965	158	2,887	22	2,909	1,620	1,646	243,985	228,767	5	328	279	0	0	23
24	2597.62	481,248	242,629	144	2,848	25	2,873	1,681	1,615	242,583	227,365	4	331	282	0	0	24
25	2597.33	478,183	241,084	208	2,849	34	2,883	1,546	1,569	241,061	225,843	6	341	293	0	0	25
26	2597.05	475,232	239,596	146	2,784	37	2,821	1,479	1,472	239,566	224,348	5	349	300	0	0	26
27	2596.76	472,186	238,061	169	2,721	35	2,756	1,390	1,328	237,969	222,751	5	350	297	0	0	27
28	2596.42	468,628	236,267	172	2,701	36	2,737	1,115	1,252	236,312	221,094	5	352	297	0	0	28
29	2596.11	465,393	234,636	182	2,661	38	2,699	1,250	1,168	234,599	219,381	6	356	302	0	0	29
30	2595.79	462,065	232,958	124	2,657	35	2,692	1,138	1,175	232,958	217,740	4	348	293	0	0	30
31	2595.45	458,543	231,182	174	2,642	36	2,678	1,076	1,076	231,182	215,964	6	338	284	0	0	31
TOTAL SECOND FOOT DAYS				5,307	94,251	1,035	95,286	65,129	65,129	231,182	215,964	155	11,865	10,247	0	688	
TOTAL ACRE-FEET				10,526	186,944	2,053	188,997	129,182	129,182	458,543	428,359	307	23,534	20,325	0	1,365	

By: _____ Date: August 19, 2005

REPORT OF THE KERN RIVER WATERMASTER

Quantities in S.F.D. except where noted

JULY 2005

NORTH KERN WATER STORAGE DISTRICT

DAY	ENT'L AT 1ST POINT	FLOW AT 1ST POINT	FLOW ABOVE 1ST POINT	RESERVOIR LOSS	RESERVOIR STORAGE
Previous Day	1,754	2,237	30	81	137,473
1	1,878	2,449	30	99	136,773
2	1,906	2,454	31	88	136,106
3	1,870	2,459	29	121	135,367
4	1,788	2,555	29	95	134,476
5	1,672	2,656	32	102	133,358
6	1,651	2,719	29	81	132,180
7	1,622	2,678	29	97	130,998
8	1,604	2,561	32	106	129,903
9	1,513	2,488	30	100	128,798
10	1,424	2,460	28	80	127,654
11	1,386	2,659	31	86	126,264
12	1,372	2,764	29	69	124,774
13	1,363	2,632	30	93	123,382
14	1,320	2,587	33	100	121,982
15	1,265	2,518	31	91	120,607
16	1,220	2,329	31	71	119,396
17	1,150	2,304	32	101	118,109
18	1,114	2,272	33	99	116,819
19	1,068	2,262	34	82	115,509
20	1,049	2,263	33	92	114,170
21	1,027	2,257	30	79	112,831
22	1,027	2,210	30	74	111,544
23	1,030	2,154	19	78	110,323
24	1,012	2,184	23	71	109,057
25	986	2,167	31	101	107,744
26	931	2,125	34	71	106,445
27	849	2,063	32	82	105,117
28	806	2,005	33	83	103,802
29	758	1,949	35	87	102,489
30	764	1,955	32	59	101,207
31	706	1,937	34	83	99,859
S.F.D.	39,131	73,075	949	2,721	99,859
AC.FT.	77,616	144,941	1,883	5,396	198,069

TOTAL ACRE-FOOT STORAGE DAYS 7,332,974

BUENA VISTA WATER STORAGE DISTRICT

DAY	ENT'L AT 2ND POINT	FLOW VIA/FOR KDWD STATE EXCH.	FLOW VIA/FOR KDWD MWD WATER	FLOW VIA CWD	FLOW VIA RRBWSD	FLOW PIONEER PROJECT	FLOW AT 2ND POINT	FLOW ABOVE 1ST PT. CARMEL La HACIENDA INC.	RESERVOIR LOSS	RESERVOIR STORAGE
Previous Day	875	73	31	115	80	131	402	2	49	84,425
1	997	65	25	0	80	146	367	3	59	84,677
2	1,022	64	15	0	80	107	363	3	54	85,013
3	989	67	9	0	80	58	378	2	74	85,334
4	916	70	7	0	80	88	374	3	59	85,569
5	818	73	7	0	80	147	332	3	64	85,681
6	802	71	11	0	80	160	341	3	51	85,766
7	779	71	16	0	80	168	357	2	62	85,789
8	765	69	10	0	80	160	385	3	68	85,779
9	692	67	10	0	80	152	377	3	64	85,718
10	627	71	8	0	80	91	393	2	52	85,648
11	600	70	4	0	80	103	402	3	56	85,530
12	591	68	12	0	80	144	371	3	45	85,398
13	583	67	11	0	80	148	380	3	62	85,230
14	553	65	10	0	80	137	394	2	67	85,028
15	515	70	9	0	80	110	396	3	62	84,813
16	485	67	33	0	80	134	327	3	49	84,605
17	449	70	37	52	80	115	283	2	70	84,345
18	430	64	31	197	80	84	272	3	70	83,974
19	407	66	29	196	80	103	278	3	57	83,569
20	396	65	4	215	80	113	283	3	65	83,137
21	385	67	6	238	80	101	283	3	56	82,688
22	385	47	10	230	80	100	284	3	52	82,267
23	387	52	13	232	80	77	279	3	56	81,862
24	378	48	12	214	80	28	282	2	51	81,523
25	365	54	13	215	80	27	293	3	74	81,129
26	336	50	15	192	80	22	300	3	52	80,751
27	294	52	11	192	80	26	297	3	60	80,324
28	272	69	10	216	80	24	297	3	61	79,836
29	247	71	9	215	80	35	302	3	65	79,303
30	248	66	9	217	80	37	293	3	44	78,802
31	220	69	12	214	80	46	284	2	62	78,253
S.F.D.	16,933	2,005	418	3,035	2,480	2,991	10,247	86	1,843	78,253
AC.FT.	33,586	3,977	829	6,020	4,919	5,933	20,325	170	3,656	155,212

TOTAL ACRE-FOOT STORAGE DAYS 5,131,913

HACIENDA WATER DISTRICT

DAY	ENTITLEMENT Contributed by: NKWSD	ENTITLEMENT Contributed by: BVWSD	FLOW	RESERVOIR LOSS	RESERVOIR STORAGE
Previous Day	326	70		17	29,530
1	381	84		20	29,975
2	388	85		19	30,429
3	379	83		26	30,865
4	358	79		21	31,281
5	330	73		23	31,661
6	325	72		18	32,040
7	318	70		23	32,405
8	314	69		25	32,763
9	292	64		24	33,095
10	272	60		20	33,407
11	263	58		21	33,707
12	261	57		17	34,008
13	258	57		24	34,299
14	248	55		26	34,576
15	236	52		25	34,839
16	226	50		20	35,095
17	212	47		28	35,326
18	205	45		29	35,547
19	195	43		24	35,761
20	191	42		27	35,967
21	187	41		24	36,171
22	187	41		22	36,377
23	188	41		24	36,582
24	185	40		22	36,785
25	179	39		33	36,970
26	168	37		23	37,152
27	152	33		27	37,310
28	143	31		28	37,456
29	134	29		30	37,589
30	133	30		21	37,731
31	123	27		29	37,852
S.F.D.	7,431	1,634		743	37,852
AC.FT.	14,739	3,241		1,474	75,078

TOTAL ACRE-FOOT STORAGE DAYS 2,132,272

JULY 2005

WATERMASTER NOTES *** KERN RIVER BULLETIN

MONTH	DAY(S)	PAGE NO.	TITLE OF COLUMN	COMMENT
July	1-31	1	FRIANT KERN INFLOW	Friant-Kern Inflow to Kern River Channel on behalf of Kern County Water Agency.

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

In order of Magnitude

Quantities in acre-feet

YEAR	APR	MAY	JUN	JUL	TOTAL	% OF AVERAGE
1961	24,137	29,980	24,305	8,952	87,374	19%
1924	28,540	41,722	14,069	8,225	92,556	20%
1977	23,391	25,630	35,655	10,973	95,649	20%
1931	23,440	41,867	24,262	8,493	98,062	21%
1976	25,924	47,151	20,930	14,749	108,754	23%
1990	32,019	38,600	29,345	13,380	113,344	24%
1934	39,919	43,065	21,820	11,341	116,145	25%
1972	28,288	45,965	38,531	14,936	127,720	27%
1959	40,566	39,945	32,061	18,013	130,585	28%
1898	42,248	45,213	32,809	15,033	135,303	29%
1988	39,584	58,350	43,140	20,969	162,043	35%
1960	46,272	58,336	47,181	16,683	168,472	36%
1992	55,448	74,394	32,987	16,324	179,153	38%
1964	42,946	61,521	54,658	23,803	182,928	39%
1994	46,489	67,224	56,223	21,068	191,004	41%
1928	37,757	76,885	60,344	18,716	193,702	41%
1900	28,102	68,295	76,366	24,125	196,888	42%
1949	50,517	84,508	57,685	17,201	209,911	45%
1987	55,236	75,108	56,146	24,918	211,408	45%
1913	42,494	73,561	60,738	34,929	211,722	45%
1899	53,133	51,353	79,178	30,046	213,710	46%
2002	58,838	69,991	63,775	22,703	215,307	46%
1929	39,064	85,995	63,487	30,986	219,532	47%
1966	68,779	82,336	45,431	23,347	219,893	47%
2004	64,197	78,343	56,378	23,084	222,002	48%
1955	37,567	69,544	86,660	31,014	224,785	48%
1930	53,506	67,851	82,824	28,401	232,582	50%
1926	66,079	98,598	49,530	18,575	232,782	50%
1989	91,380	71,849	49,823	21,378	234,430	50%
1948	43,976	86,108	78,565	31,331	239,980	51%
1971	52,661	66,635	82,707	42,472	244,475	52%
1968	65,584	87,991	64,054	30,690	248,319	53%
1947	60,353	110,325	57,778	21,116	249,572	53%
2001	58,249	124,417	43,033	24,593	250,292	54%
1912	37,246	80,471	100,925	33,170	251,812	54%
1999	55,843	95,199	68,733	32,852	252,627	54%
1981	69,320	91,914	65,817	25,630	252,681	54%
1908	79,320	79,418	60,305	41,851	260,894	56%
1951	48,914	85,039	88,990	38,941	261,884	56%
1939	92,136	92,253	58,400	25,480	268,269	57%
1991	58,092	79,763	100,423	38,265	276,543	59%
1957	38,644	79,355	132,359	41,988	292,346	63%
1894	88,974	98,801	64,564	43,061	295,400	63%
1933	57,265	60,026	125,395	56,898	299,584	64%
1950	76,155	98,483	90,367	34,901	299,906	64%
2000	67,388	129,406	81,396	28,306	306,496	66%
1925	56,408	102,016	96,252	58,437	313,113	67%
1904	59,812	113,205	103,904	39,725	316,646	68%
1970	63,513	110,057	95,700	50,138	319,408	68%
1921	51,723	100,096	120,387	49,119	321,325	69%
2003	56,146	113,472	118,383	37,075	325,076	70%
1953	70,730	86,019	103,164	69,657	329,570	71%
1923	73,355	120,849	82,528	55,800	332,532	71%
1918	74,513	78,722	136,753	44,828	334,816	72%
1919	86,574	140,215	81,844	34,364	342,997	73%
1935	71,042	103,787	133,634	42,184	350,647	75%

YEAR	APR	MAY	JUN	JUL	TOTAL	% OF AVERAGE
1910	102,883	127,733	79,464	42,046	352,126	75%
1954	101,203	139,719	73,553	39,642	354,117	76%
1905	62,047	117,748	132,766	53,835	366,396	78%
1896	57,864	86,174	146,124	82,760	372,922	80%
1975	46,602	147,001	140,660	51,917	386,180	83%
1902	107,403	109,904	128,853	43,436	389,596	83%
1946	109,658	155,476	85,880	39,733	390,747	84%
1903	74,315	132,097	139,222	53,355	398,989	85%
1944	80,223	150,109	115,862	59,197	405,391	87%
1979	102,079	164,935	106,112	46,733	419,859	90%
1984	91,359	161,613	93,114	77,046	423,132	91%
1985	136,241	146,799	99,858	41,395	424,293	91%
1920	83,370	158,904	137,840	50,699	430,813	92%
1915	80,916	124,506	172,324	77,496	455,242	97%
1965	80,043	131,980	149,357	95,288	456,668	98%
1963	69,412	137,839	163,944	105,384	476,579	102%
1940	118,175	196,465	145,503	50,471	510,614	109%
1962	147,463	135,884	157,253	74,874	515,474	110%
1927	100,362	184,721	161,153	75,481	521,717	112%
1942	112,586	150,036	178,754	81,529	522,905	112%
1956	97,553	159,683	168,876	99,529	525,641	112%
1932	111,273	154,742	166,404	94,013	526,432	113%
1974	114,113	183,733	167,740	69,580	535,166	115%
1917	126,329	165,062	187,638	81,275	560,304	120%
1997	142,909	214,290	142,358	71,919	571,476	122%
1936	157,290	219,404	137,028	67,902	581,624	124%
1901	83,190	186,446	197,792	114,613	582,041	125%
1993	133,993	200,864	162,420	87,414	584,691	125%
1945	131,246	205,509	169,002	91,593	597,350	128%
1996	147,959	225,987	154,883	70,502	599,331	128%
1922	84,407	242,259	202,395	88,649	617,710	132%
1897	173,393	281,639	137,393	61,837	654,262	140%
1907	197,720	199,950	183,995	97,083	678,748	145%
1914	144,934	210,676	201,064	128,338	685,012	147%
1895	162,071	268,635	172,890	91,133	694,729	149%
1943	198,736	254,785	155,650	88,011	697,182	149%
1911	138,113	184,481	222,076	156,498	701,168	150%
1973	110,892	288,652	230,390	93,834	723,768	155%
2005	**132,119**	**288,847**	**238,352**	**129,182**	**788,500**	**169%**
1982	212,963	254,985	198,748	130,098	796,794	171%
1958	168,105	316,974	230,866	115,724	831,669	178%
1937	183,505	352,050	225,395	91,097	852,047	182%
1986	208,147	293,335	263,794	121,398	886,674	190%
1967	99,509	269,631	311,063	243,802	924,005	198%
1995	143,244	255,046	293,129	237,802	929,221	199%
1938	223,928	315,044	291,880	130,917	961,769	206%
1980	211,608	287,825	282,877	208,715	991,025	212%
1941	124,615	386,666	309,960	174,416	995,657	213%
1978	181,700	363,157	354,825	194,693	1,094,375	234%
1952	222,633	434,769	302,557	159,856	1,119,815	240%
1998	189,663	308,440	371,835	267,435	1,137,373	243%
1909	247,402	382,617	394,086	194,870	1,218,975	261%
1906	173,143	360,234	458,418	399,841	1,391,636	298%
1983	206,473	478,625	571,846	288,866	1,545,810	331%
1916	481,749	472,994	391,700	225,154	1,571,597	336%
1969	378,333	617,968	496,796	254,777	1,747,874	374%
MAXIMUM	481,749	617,968	571,846	399,841	1,747,874	
MINIMUM	23,391	25,630	14,069	8,225	87,374	
AVERAGE	99,187	156,544	139,182	72,410	467,323	

REPORT OF THE KERN RIVER WATERMASTER

Quantities in S.F.D. except where noted

AUGUST 2005

DAY	ISABELLA RESERVOIR ELEVATION (FEET)	MIDNIGHT STORAGE ACRE-FEET	S.F.D.	LOSS	FLOW AT 1ST POINT	FLOW ABOVE 1ST POINT	FIRST POINT REGULATED FLOW	CHANGE IN STORAGE+LOSS +1ST POINT REGULATED FLOW	COMPUTED 1ST POINT NATURAL FLOW	MEAN STORAGE Recreation Pool + Dead Storage = 15,218 S.F.D. (30,184 ACFT) TOTAL	IRRIGATION	KERN COUNTY RECREATION POOL LOSS	TOTAL FLOW AT SECOND POINT	SECOND POINT GROUP FLOW AT 2ND POINT KERN RIVER	FRIANT-KERN	FRIANT-KERN INFLOW	DAY
Previous Day	2595.45	458,543	231,182	174	2,642	36	2,678	1,076	1,076	231,182	215,964	6	338	284	0	0	
1	2595.11	455,032	229,412	188	2,631	37	2,668	1,086	1,058	229,384	214,166	6	345	290	0	0	1
2	2594.75	451,331	227,546	148	2,686	35	2,721	1,003	1,023	227,538	212,320	5	347	292	0	0	2
3	2594.34	447,131	225,429	172	2,891	34	2,925	980	959	225,400	210,182	6	354	299	0	0	3
4	2593.90	442,646	223,167	192	2,928	37	2,965	895	942	223,185	207,967	6	346	291	0	0	4
5	2593.50	438,588	221,122	104	2,855	36	2,891	950	928	221,118	205,900	3	251	196	0	0	5
6	2593.11	434,647	219,135	135	2,752	39	2,791	939	900	219,092	203,874	5	208	153	0	0	6
7	2592.70	430,524	217,056	169	2,684	38	2,722	812	933	217,134	201,916	6	209	154	0	0	7
8	2592.33	426,818	215,188	189	2,693	35	2,728	1,049	936	215,153	199,935	7	208	153	0	0	8
9	2591.95	423,031	213,278	209	2,613	35	2,648	947	997	213,293	198,075	7	213	158	0	0	9
10	2591.60	419,554	211,525	180	2,530	37	2,567	994	957	211,503	196,285	6	278	223	0	0	10
11	2591.25	416,094	209,781	190	2,450	34	2,484	930	945	209,774	194,556	7	274	219	0	62	11
12	2590.91	412,744	208,092	159	2,405	37	2,442	912	890	208,063	192,845	6	265	210	0	106	12
13	2590.57	409,408	206,410	168	2,302	39	2,341	827	800	206,354	191,136	6	253	198	0	99	13
14	2590.21	405,891	204,637	117	2,282	34	2,316	660	716	204,637	189,419	4	242	187	0	100	14
15	2590.00	403,846	203,606	4	2,281	35	2,316	1,289	1,289	203,606	188,388	0	235	180	0	98	15
16	2589.70	400,933	202,137	83	2,220	34	2,254	868	860	202,129	186,911	3	216	161	0	98	16
17	2589.42	398,223	200,771	133	2,040	37	2,077	844	830	200,749	185,531	5	178	147	0	99	17
18	2589.17	395,812	199,555	136	1,823	36	1,859	779	793	199,547	184,329	5	176	171	0	208	18
19	2588.92	393,408	198,343	112	1,819	38	1,857	757	746	198,324	183,106	4	168	163	0	300	19
20	2588.65	390,819	197,038	141	1,828	37	1,865	701	687	197,005	181,787	6	140	135	0	308	20
21	2588.35	387,952	195,593	141	1,869	37	1,906	602	634	195,592	180,374	6	113	108	0	304	21
22	2588.03	384,906	194,057	144	1,954	38	1,992	600	611	194,067	178,849	6	126	121	0	299	22
23	2587.71	381,874	192,528	146	1,978	35	2,013	630	616	192,524	177,306	6	130	125	0	299	23
24	2587.40	378,946	191,052	123	1,933	37	1,970	617	594	191,025	175,807	5	135	130	0	302	24
25	2587.09	376,029	189,581	145	1,826	36	1,862	536	574	189,592	174,374	6	127	114	0	305	25
26	2586.80	373,310	188,211	148	1,753	38	1,791	569	572	188,225	173,007	6	119	107	0	304	26
27	2586.54	370,882	186,986	163	1,637	35	1,672	610	564	186,954	171,736	7	123	111	0	289	27
28	2586.26	368,275	185,672	137	1,654	36	1,690	513	548	185,675	170,457	6	121	109	0	278	28
29	2585.97	365,587	184,317	146	1,693	38	1,731	522	500	184,298	169,080	6	118	106	0	274	29
30	2585.68	362,907	182,966	171	1,612	33	1,645	465	484	182,966	167,748	7	120	108	0	265	30
31	2585.40	360,329	181,666	126	1,611	34	1,645	471	471	181,666	166,448	5	114	102	0	258	31
TOTAL SECOND FOOT DAYS				4,519	68,233	1,121	69,354	24,357	24,357	181,666	166,448	169	6,252	5,221	0	4,655	
TOTAL ACRE-FEET				8,963	135,338	2,223	137,561	48,311	48,311	360,329	330,145	335	12,400	10,355	0	9,233	

By: _____ Date: September 27, 2005

AUGUST 2005

	NORTH KERN WATER STORAGE DISTRICT					BUENA VISTA WATER STORAGE DISTRICT									HACIENDA WATER DISTRICT					
							FLOW													
	ENT'L	FLOW	FLOW ABOVE			ENT'L	VIA/FOR KDWD					FLOW ABOVE 1ST PT. CARMEL La			ENTITLEMENT		FLOW		
	AT 1ST	AT 1ST	1ST	RESERVOIR		AT 2ND	STATE	MWD	VIA	VIA	AT 2ND	HACIENDA	RESERVOIR		Contributed by:		FOR	RESERVOIR		
DAY	POINT	POINT	POINT	LOSS	STORAGE	POINT	EXCH.	WATER	CWD	RRBWSD	POINT	INC.	LOSS	STORAGE	NKWSD	BVWSD	KCWA	LOSS	STORAGE	DAY
Previous Day	706	1,937	34	83	99,859	220	69	12	214	80	284	2	62	78,253	123	27	0	29	37,852	
1	817	1,912	34	89	98,641	241	50	45	0	291	290	3	67	77,748	0	0	43	32	37,777	1
2	793	1,918	32	70	97,414	230	50	56	0	307	292	3	53	77,217	0	0	63	25	37,689	2
3	749	1,891	32	81	96,159	210	50	64	0	326	299	2	62	76,624	0	0	261	29	37,399	3
4	738	1,812	34	90	94,961	204	50	52	0	308	291	3	69	76,055	0	0	415	33	36,951	4
5	728	1,833	33	48	93,775	200	50	55	0	314	196	3	38	75,599	0	0	407	18	36,526	5
6	709	1,756	36	63	92,629	191	60	62	0	315	153	3	49	75,148	0	0	406	23	36,097	6
7	732	1,767	35	78	91,481	201	60	56	0	312	154	3	62	74,702	0	0	335	29	35,733	7
8	734	1,767	32	88	90,328	202	58	44	0	314	153	3	69	74,263	0	0	357	32	35,344	8
9	775	1,688	32	96	89,287	222	59	34	0	312	158	3	77	73,842	0	0	362	36	34,946	9
10	748	1,544	34	83	88,374	209	59	41	0	313	223	3	66	73,346	0	0	350	31	34,565	10
11	740	1,535	32	88	87,459	205	60	59	0	250	219	2	70	72,891	0	0	327	32	34,206	11
12	702	1,562	34	73	86,492	188	60	53	0	198	210	3	59	72,496	0	0	322	27	33,857	12
13	641	1,484	36	78	85,535	159	60	36	0	197	198	3	62	72,099	0	0	327	28	33,502	13
14	584	1,474	31	53	84,561	132	60	31	0	202	187	3	44	71,704	0	0	328	20	33,154	14
15	974	1,473	32	1	84,029	315	59	49	0	197	180	3	2	71,529	0	0	323	1	32,830	15
16	682	1,382	32	38	83,259	178	56	89	0	197	161	2	31	71,171	0	0	335	14	32,481	16
17	661	1,101	34	61	82,724	169	51	95	140	193	147	3	50	70,661	0	0	313	22	32,146	17
18	636	1,005	33	62	82,260	157	51	94	164	200	171	3	51	70,084	0	0	138	23	31,985	18
19	604	1,058	35	51	81,720	142	51	93	165	200	163	3	42	69,509	0	0	89	19	31,877	19
20	564	1,092	34	64	81,094	123	51	67	181	200	135	3	53	68,942	0	0	102	24	31,751	20
21	528	1,122	35	64	80,401	106	51	83	185	200	108	2	53	68,366	0	0	120	24	31,607	21
22	512	1,227	35	66	79,585	99	51	81	177	200	121	3	54	67,778	0	0	97	24	31,486	22
23	515	1,265	32	66	78,737	101	51	82	177	200	125	3	55	67,186	0	0	78	25	31,383	23
24	500	1,215	34	56	77,932	94	51	69	175	200	130	3	46	66,606	0	0	93	21	31,269	24
25	487	1,120	33	66	77,200	87	51	73	173	200	114	3	54	66,025	0	0	95	25	31,149	25
26	485	1,055	35	68	76,527	87	51	73	182	200	107	3	55	65,441	0	0	85	25	31,039	26
27	480	889	33	74	76,011	84	51	121	183	200	111	2	61	64,796	0	0	82	28	30,929	27
28	469	932	33	62	75,453	79	51	129	168	184	109	3	51	64,180	0	0	81	24	30,824	28
29	436	976	35	67	74,811	64	51	118	171	183	106	3	54	63,558	0	0	88	25	30,711	29
30	425	928	30	78	74,200	59	51	101	170	181	108	3	63	62,940	0	0	73	30	30,608	30
31	417	933	31	57	73,596	54	51	109	170	182	102	3	47	62,330	0	0	64	22	30,522	31
S.F.D.	19,565	42,716	1,033	2,079	73,596	4,792	1,666	2,214	2,581	7,276	5,221	88	1,669	62,330	0	0	6,559	771	30,522	S.F.D.
AC.FT.	38,806	84,727	2,049	4,124	145,976	9,505	3,304	4,391	5,119	14,432	10,355	174	3,310	123,630	0	0	13,010	1,529	60,539	AC.FT.

TOTAL ACRE-FOOT STORAGE DAYS 5,190,017

TOTAL ACRE-FOOT STORAGE DAYS 4,333,557

TOTAL ACRE-FOOT STORAGE DAYS 2,047,621

AUGUST 2005

WATERMASTER NOTES *** KERN RIVER BULLETIN

MONTH	DAY(S)	PAGE NO.	TITLE OF COLUMN	COMMENT
August	1-31	1	FRIANT KERN INFLOW	Friant-Kern Inflow to Kern River Channel on behalf of Kern-Tulare Water District.
August	1	2	HWD FLOW - FOR KCWA	Delivered pursuant to terms of the January 23, 2001 "Contract to Transfer the Kern River Lower River Water Rights" by and between Nickel Family LLC, Olcese Water District and the Kern County Water Agency.

2005 APRIL-JULY UNIMPAIRED RUNOFF

Central Valley Streams

April-July Flows
in 1000 Acre-feet

Watershed	(1) 50-Year Average	Median Forecast as of Feb. 1	Mar. 1	Apr. 1	May 1	(2) 2005 Actual	% of Average
Sacramento River above Bend Bridge	2,521	2,250	2,050	2,200	2,320	3,558	141%
Feather River at Oroville Reservoir	1,870	1,700	1,500	1,710	1,730	2,266	121%
Yuba River at Smartville	1,044	1,080	960	1,100	1,080	1,475	141%
American River at Folsom Reservoir	1,282	1,410	1,330	1,510	1,500	1,990	155%
Cosumnes River at Michigan Bar	130	140	130	150	150	223	172%
Mokelumne River at Pardee Reservoir	469	570	560	610	600	685	146%
Stanislaus River at Melones Reservoir	716	900	900	980	970	1,167	163%
Tuolumne River at Don Pedro Reservoir	1,230	1,630	1,590	1,770	1,750	1,989	162%
Merced River at Lake McClure	633	870	870	980	940	1,060	167%
San Joaquin River at Millerton Lake	1,262	1,730	1,720	1,840	1,810	2,081	165%
Kings River at Pine Flat Reservoir	1,234	1,700	1,620	1,720	1,720	1,918	155%
Kaweah River at Terminus Reservoir	290	380	360	390	380	451	156%
Tule River at Success Reservoir	65	75	70	80	78	100	154%
KERN RIVER AT ISABELLA RESERVOIR	**470**	**620**	**580**	**640**	**650**	**768**	**163%**

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

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

REPORT OF THE KERN RIVER WATERMASTER

Quantities in S.F.D. except where noted

SEPTEMBER 2005

DAY	ISABELLA RESERVOIR ELEVATION (FEET)	ISABELLA RESERVOIR MIDNIGHT STORAGE ACRE-FEET	ISABELLA RESERVOIR MIDNIGHT STORAGE S.F.D.	LOSS	FLOW AT 1ST POINT	FLOW ABOVE 1ST POINT	FIRST POINT REGULATED FLOW	CHANGE IN STORAGE+LOSS +1ST POINT REGULATED FLOW	COMPUTED 1ST POINT NATURAL FLOW	MEAN STORAGE Recreation Pool + Dead Storage = 15,218 S.F.D. (30,184 ACFT) TOTAL	MEAN STORAGE Recreation Pool + Dead Storage = 15,218 S.F.D. (30,184 ACFT) IRRIGATION	KERN COUNTY RECREATION POOL LOSS	TOTAL FLOW AT SECOND POINT	SECOND POINT GROUP FLOW AT 2ND POINT KERN RIVER	SECOND POINT GROUP FLOW AT 2ND POINT FRIANT-KERN	FRIANT-KERN INFLOW	DAY
Previous Day	2585.40	360,329	181,666	126	1,611	34	1,645	471	471	181,666	166,448	5	114	102	0	258	
1	2585.14	357,944	180,464	135	1,503	34	1,537	470	470	180,464	165,246	6	84	34	0	247	1
2	2584.90	355,749	179,357	138	1,420	37	1,457	488	486	179,355	164,137	6	72	46	0	246	2
3	2584.69	353,834	178,391	144	1,273	31	1,304	482	473	178,380	163,162	6	71	50	0	247	3
4	2584.46	351,743	177,337	154	1,314	35	1,349	449	464	177,341	162,123	7	69	48	0	246	4
5	2584.23	349,659	176,287	100	1,377	33	1,410	460	448	176,279	161,061	5	67	46	0	248	5
6	2483.99	347,490	175,193	140	1,355	33	1,388	434	438	175,189	159,971	6	75	54	0	253	6
7	2583.75	345,328	174,103	139	1,340	32	1,372	421	433	174,111	158,893	6	80	59	0	253	7
8	2583.52	343,261	173,061	132	1,324	31	1,355	445	414	173,038	157,820	6	79	58	0	255	8
9	2583.28	341,113	171,978	125	1,305	30	1,335	377	395	171,973	156,755	6	77	56	0	255	9
10	2583.05	339,061	170,943	95	1,270	33	1,303	363	364	170,939	155,721	5	90	69	0	245	10
11	2582.82	337,015	169,912	125	1,226	31	1,257	351	354	169,911	154,693	6	99	78	0	166	11
12	2582.60	335,064	168,928	95	1,205	31	1,236	347	346	168,926	153,708	5	73	52	0	42	12
13	2582.38	333,119	167,948	91	1,200	29	1,229	340	336	167,942	152,724	4	74	41	0	42	13
14	2582.14	331,004	166,881	110	1,252	27	1,279	322	342	166,895	151,677	5	78	55	0	42	14
15	2581.90	328,896	165,818	68	1,327	32	1,359	364	333	165,801	150,583	3	69	46	0	42	15
16	2581.65	326,708	164,715	129	1,255	31	1,286	312	336	164,722	149,504	6	75	64	0	149	16
17	2581.43	324,788	163,747	112	1,157	31	1,188	332	350	163,772	148,554	6	64	64	0	241	17
18	2581.23	323,049	162,871	74	1,178	29	1,207	405	418	162,909	147,691	4	74	74	0	245	18
19	2581.02	321,225	161,951	141	1,264	32	1,296	517	450	161,922	146,704	7	66	66	0	240	19
20	2580.80	319,323	160,992	3	1,353	31	1,384	428	509	161,044	145,826	0	71	71	0	240	20
21	2580.59	317,513	160,080	64	1,403	28	1,431	583	510	160,059	144,841	3	76	76	0	243	21
22	2580.36	315,536	159,083	111	1,374	30	1,404	518	503	159,047	143,829	6	76	76	0	243	22
23	2580.13	313,566	158,090	63	1,311	29	1,340	410	444	158,088	142,870	3	56	56	0	240	23
24	2579.90	311,602	157,099	126	1,239	31	1,270	405	434	157,126	141,908	7	49	49	0	244	24
25	2579.69	309,815	156,198	103	1,257	28	1,285	487	445	156,183	140,965	6	42	42	0	244	25
26	2579.48	308,034	155,301	25	1,283	31	1,314	442	455	155,299	140,081	1	47	47	0	240	26
27	2579.28	306,256	154,404	37	1,270	26	1,296	436	477	154,443	139,225	2	54	54	0	243	27
28	2579.09	304,738	153,639	68	1,223	26	1,249	552	488	153,614	138,396	4	64	64	0	243	28
29	2578.89	303,057	152,791	81	1,215	29	1,244	477	502	152,791	137,573	4	65	65	0	243	29
30	2578.69	301,380	151,946	102	1,207	33	1,240	497	497	151,946	136,728	6	57	57	0	243	30
TOTAL SECOND FOOT DAYS				3,030	38,680	924	39,604	12,914	12,914	151,946	136,728	147	2,093	1,717	0	6,370	
TOTAL ACRE-FEET				6,010	76,721	1,833	78,554	25,615	25,615	301,380	271,196	292	4,152	3,406	0	12,635	

By: _____ Date: October 24, 2005

SEPTEMBER 2005

	NORTH KERN WATER STORAGE DISTRICT					BUENA VISTA WATER STORAGE DISTRICT										HACIENDA WATER DISTRICT					
							FLOW														
	ENT'L AT 1ST POINT	FLOW AT 1ST POINT	FLOW ABOVE 1ST POINT	RESERVOIR LOSS	RESERVOIR STORAGE	ENT'L AT 1ST POINT	VIA/FOR KDWD STATE EXCH.	VIA/FOR KDWD MWD WATER	VIA CWD	VIA RRBWSD	PIONEER PROJECT	AT 2ND POINT	FLOW ABOVE 1ST PT. CARMEL La HACIENDA INC.	RESERVOIR LOSS	RESERVOIR STORAGE	ENTITLEMENT Contributed by: NKWSD	ENTITLEMENT Contributed by: BVWSD	FLOW TRANS. LOSS	FLOW FOR KCWA	RESERVOIR LOSS	RESERVOIR STORAGE	DAY
Previous Day	417	933	31	57	73,596	0	51	109	170	182	0	102	3	47	62,330				64	22	30,522	
1	470	969	31	61	71,318	0	63	117	89	163	0	34	3	50	61,811				68	24	32,117	1
2	486	885	34	61	70,824	0	61	122	82	155	0	46	3	51	61,291				69	26	32,022	2
3	473	769	29	64	70,435	0	60	109	73	157	0	50	2	53	60,787				55	27	31,940	3
4	464	783	32	68	70,016	0	62	97	68	204	0	48	3	57	60,248				52	29	31,859	4
5	448	826	30	44	69,564	0	62	114	71	211	0	46	3	37	59,704				47	19	31,793	5
6	438	812	31	63	69,096	0	64	122	74	182	0	54	2	51	59,155				47	26	31,720	6
7	433	810	30	62	68,627	0	61	106	91	164	0	59	2	51	58,621				49	26	31,645	7
8	414	802	29	59	68,151	0	60	105	94	152	0	58	2	48	58,102				53	25	31,567	8
9	395	783	28	56	67,679	0	62	98	90	160	0	56	2	45	57,589				56	24	31,487	9
10	364	725	31	43	67,244	0	62	75	77	208	0	69	2	34	57,062				54	18	31,415	10
11	354	672	29	56	66,841	0	57	59	74	207	0	78	2	45	56,540				79	24	31,312	11
12	346	628	29	43	66,487	0	59	63	72	198	0	52	2	34	56,060				133	18	31,161	12
13	336	629	27	40	66,127	0	62	97	72	199	0	41	2	33	55,554				100	18	31,043	13
14	342	644	25	50	65,750	0	73	93	75	198	0	55	2	39	55,019				114	21	30,908	14
15	333	593	30	31	65,429	0	128	92	55	207	0	46	2	24	54,465				206	13	30,689	15
16	336	528	29	58	65,150	0	124	108	53	199	0	64	2	46	53,869				179	25	30,485	16
17	350	426	29	50	64,995	0	124	96	36	202	0	64	2	40	53,305				209	22	30,254	17
18	418	417	27	34	64,935	0	124	98	36	203	0	74	2	26	52,742				226	14	30,014	18
19	450	477	30	64	64,814	0	125	101	69	204	0	66	2	50	52,125				222	27	29,765	19
20	509	521	29	1	64,772	0	124	94	104	205	0	71	2	1	51,524				234	1	29,530	20
21	510	585	26	30	64,641	0	123	126	103	207	0	76	2	22	50,865				183	12	29,335	21
22	503	570	28	52	64,494	0	123	127	104	199	0	76	2	38	50,196				175	21	29,139	22
23	444	526	27	29	64,356	0	126	127	103	203	0	56	2	22	49,557				170	12	28,957	23
24	434	504	29	59	64,198	0	56	85	107	203	48	49	2	43	48,964				187	24	28,746	24
25	445	524	26	48	64,045	0	58	80	107	202	48	42	2	35	48,390				196	20	28,530	25
26	455	541	29	12	63,918	0	62	83	109	205	48	47	2	8	47,826				188	5	28,337	26
27	477	503	24	18	63,850	0	61	92	111	206	48	54	2	12	47,240				195	7	28,135	27
28	488	507	24	32	63,775	0	51	80	108	200	42	64	2	23	46,670				171	13	27,951	28
29	502	536	27	38	63,676	0	42	68	104	198	32	65	2	27	46,132				170	16	27,765	29
30	497	562	31	49	63,531	0	42	55	100	200	32	57	2	34	45,610				159	19	27,587	30
S.F.D.	12,914	19,057	860	1,375	63,531	0	2,361	2,889	2,511	5,801	298	1,717	64	1,079	45,610				4,046	576	27,587	S.F.D.
AC.FT.	25,615	37,800	1,705	2,728	126,012	0	4,683	5,729	4,980	11,506	591	3,406	128	2,140	90,466				8,026	1,142	54,718	AC.FT.

TOTAL ACRE-FOOT STORAGE DAYS 3,944,602

TOTAL ACRE-FOOT STORAGE DAYS 3,207,317

TOTAL ACRE-FOOT STORAGE DAYS 1,799,420

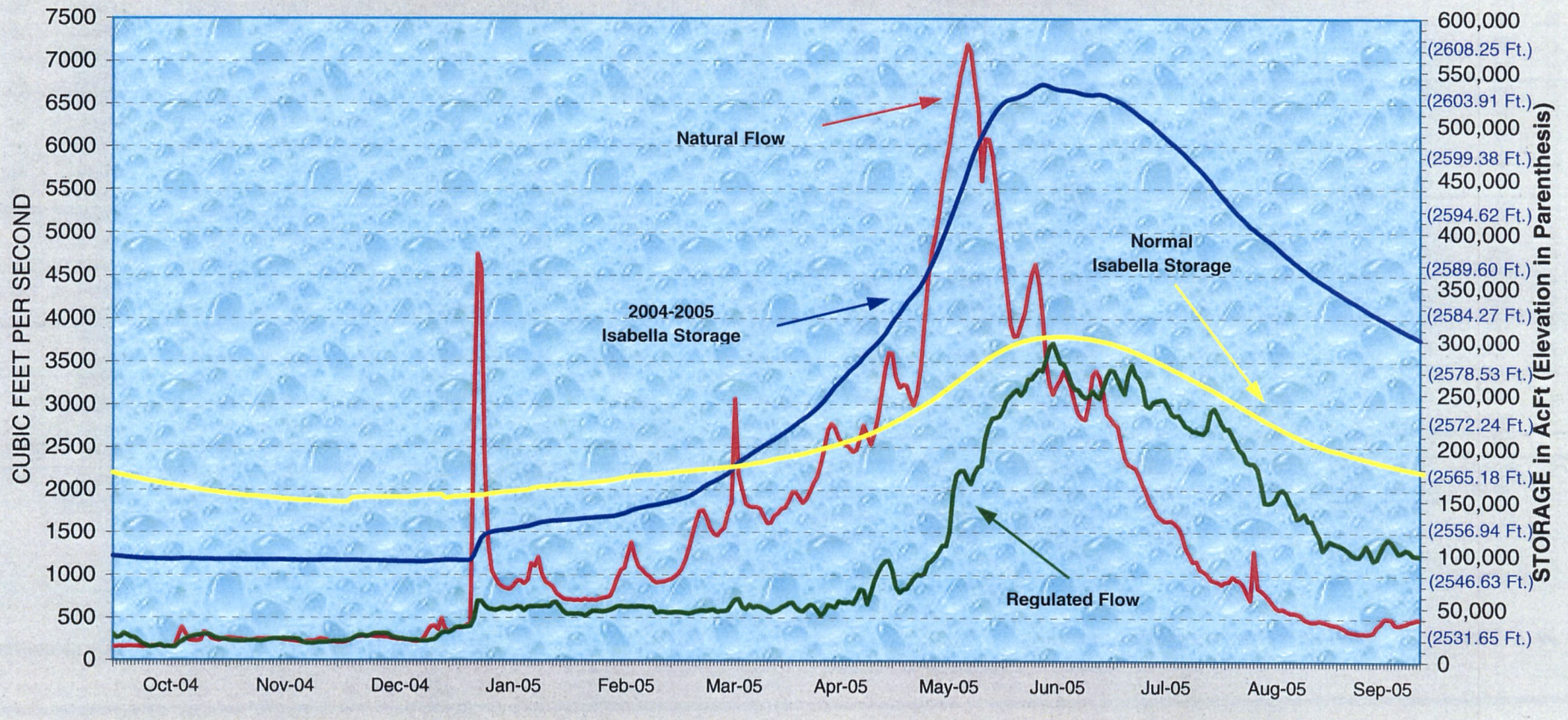
SEPTEMBER 2005

WATERMASTER NOTES *** KERN RIVER BULLETIN

MONTH	DAY(S)	PAGE NO.	TITLE OF COLUMN	COMMENT
September	1	2	HACIENDA WATER DISTRICT - RESERVOIR STORAGE NORTH KERN WSD - RESERVOIR STORAGE	Includes: NORTH KERN WATER STORAGE DISTRICT Transportation Loss Assignment to HACIENDA WATER DISTRICT of 3,347 acre-feet (1,687 s.f.d.) per Section 2 (b) of the 1962 Kern River Water Rights and Storage Agreement.
September	1-30	1	FRIANT-KERN INFLOW	Friant-Kern Inflow to Kern River Channel on behalf of Kern-Tulare Water District.

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

2004 - 2005 WATER YEAR



REPORT OF THE KERN RIVER WATERMASTER

Quantities in S.F.D. except where noted

OCTOBER 2005

DAY	ISABELLA RESERVOIR ELEVATION (FEET)	MIDNIGHT STORAGE ACRE-FEET	S.F.D.	LOSS	FLOW AT 1ST POINT	FLOW ABOVE 1ST POINT	FIRST POINT REGULATED FLOW	CHANGE IN STORAGE+LOSS +1ST POINT REGULATED FLOW	COMPUTED 1ST POINT NATURAL FLOW	MEAN STORAGE Recreation Pool + Dead Storage = 15,218 S.F.D. (30,184 ACFT) TOTAL	IRRIGATION	KERN COUNTY RECREATION POOL LOSS	TOTAL FLOW AT SECOND POINT	SECOND POINT GROUP FLOW AT 2ND POINT KERN RIVER	FRIANT-KERN	FRIANT-KERN INFLOW	DAY
Previous Day	2578.69	301,380	151,946	102	1,207	33	1,240	497	497	151,946	136,728	6	57	57	0	243	
1	2578.50	299,792	151,145	82	1,140	28	1,168	449	449	151,145	135,927	5	61	61	0	243	1
2	2578.30	298,123	150,304	102	1,101	28	1,129	390	390	150,304	135,086	6	55	55	0	247	2
3	2578.09	296,378	149,424	98	1,125	26	1,151	369	374	149,429	134,211	6	44	44	0	241	3
4	2577.89	294,721	148,589	88	1,104	26	1,130	383	373	148,584	133,366	5	47	47	0	245	4
5	2577.70	293,152	147,798	62	1,070	27	1,097	368	379	147,804	132,586	4	50	50	0	251	5
6	2577.51	291,585	147,008	100	1,048	27	1,075	385	367	146,996	131,778	6	51	51	0	253	6
7	2577.32	290,025	146,221	78	1,028	31	1,059	350	359	146,218	131,000	5	53	53	0	253	7
8	2577.11	288,306	145,354	139	1,045	24	1,069	341	359	145,369	130,151	8	55	55	0	254	8
9	2576.94	286,919	144,655	48	1,011	25	1,036	385	369	144,654	129,436	3	55	55	0	253	9
10	2576.77	285,533	143,956	74	980	28	1,008	383	387	143,959	128,741	4	58	58	0	143	10
11	2576.59	284,072	143,220	77	1,025	26	1,051	392	390	143,221	128,003	5	55	55	0	49	11
12	2576.40	282,534	142,444	70	1,077	24	1,101	395	387	142,437	127,219	4	39	39	0	49	12
13	2576.20	280,920	141,631	54	1,103	29	1,132	373	360	141,611	126,393	3	40	40	0	49	13
14	2575.98	279,150	140,738	104	1,079	24	1,103	314	348	140,752	125,534	6	40	40	0	49	14
15	2575.81	277,785	140,050	85	935	25	960	357	341	140,048	124,830	5	41	41	0	44	15
16	2575.66	276,586	139,446	56	875	25	900	352	354	139,446	124,228	4	40	40	0	39	16
17	2575.52	275,467	138,881	25	867	25	892	352	352	138,881	123,663	2	40	40	0	39	17
18	2575.43	274,752	138,521	3	889	21	910	553	553	138,521	123,303	0	48	48	0	38	18
19	2575.29	273,637	137,959	44	952	12	964	446	443	137,956	122,738	3	46	46	0	35	19
20	2575.13	272,368	137,319	40	1,016	22	1,038	438	436	137,314	122,096	3	46	46	0	34	20
21	2574.98	271,182	136,721	28	972	23	995	425	423	136,714	121,496	2	44	44	0	34	21
22	2574.85	270,155	136,203	37	862	24	886	405	408	136,199	120,981	2	43	43	0	34	22
23	2574.72	269,131	135,687	52	849	10	859	395	389	135,677	120,459	3	41	41	0	35	23
24	2574.58	268,030	135,132	52	842	28	870	367	385	135,140	119,922	3	43	43	0	35	24
25	2574.44	266,933	134,579	68	854	22	876	391	370	134,566	119,348	4	44	44	0	56	25
26	2574.30	265,836	134,026	46	832	27	859	352	370	134,031	118,813	3	43	43	0	73	26
27	2574.16	264,744	133,475	46	848	24	872	367	372	133,485	118,267	3	51	51	0	72	27
28	2574.04	263,808	133,003	52	793	24	817	397	379	132,995	117,777	3	44	44	0	71	28
29	2573.93	262,954	132,573	49	731	23	754	373	384	132,576	117,358	3	39	39	0	31	29
30	2573.83	262,177	132,181	32	718	25	743	383	380	132,181	116,963	2	41	41	0	0	30
31	2573.71	261,248	131,713	58	756	23	779	369	369	131,713	116,495	4	48	48	0	0	31
TOTAL SECOND FOOT DAYS				1,949	29,527	756	30,283	11,999	11,999	131,713	116,495	119	1,445	1,445	0	3,249	
TOTAL ACRE-FEET				3,866	58,566	1,500	60,066	23,800	23,800	261,248	231,064	236	2,866	2,866	0	6,443	

By: _____ Date: December 2, 2005

OCTOBER 2005

	NORTH KERN WATER STORAGE DISTRICT					BUENA VISTA WATER STORAGE DISTRICT										HACIENDA WATER DISTRICT					
							FLOW														
	ENT'L	FLOW	FLOW ABOVE	RESERVOIR		ENT'L	VIA/FOR KDWD						FLOW ABOVE 1ST PT. CARMEL La	RESERVOIR		ENTITLEMENT		FLOW		RESERVOIR		
																Contributed by:						
DAY	AT 1ST POINT	AT 1ST POINT	1ST POINT	LOSS	STORAGE	AT 1ST POINT	STATE EXCH.	MWD WATER	VIA CWD	VIA RRBWSD	PIONEER PROJECT	AT 2ND POINT	HACIENDA INC.	LOSS	STORAGE	NKWSD	BVWSD	TRANS. LOSS	FOR KCWA	LOSS	STORAGE	DAY
Previous Day	497	562	31	49	63,531	0	42	55	100	200	32	57	2	34	45,610				159	19	27,587	
1	449	448	26	39	63,467	0	42	49	98	200	32	61	2	27	45,099				210	16	27,361	1
2	390	408	27	50	63,372	0	41	52	98	200	30	55	1	33	44,589				217	19	27,125	2
3	374	446	24	48	63,228	0	45	55	103	186	27	44	2	32	44,095				219	18	26,888	3
4	373	449	25	42	63,085	0	45	52	83	187	22	47	1	29	43,629				219	17	26,652	4
5	379	466	25	30	62,943	0	48	43	48	179	26	50	2	20	43,213				210	12	26,430	5
6	367	446	26	49	62,789	0	47	44	42	173	36	51	1	32	42,787				209	19	26,202	6
7	359	438	29	38	62,643	0	16	21	42	180	50	53	2	25	42,398				228	15	25,959	7
8	359	454	23	69	62,456	0	14	8	45	195	51	55	1	44	41,985				223	26	25,710	8
9	369	440	23	24	62,338	0	15	5	74	172	51	55	2	15	41,596				199	9	25,502	9
10	387	491	27	37	62,170	0	12	5	76	89	66	58	1	23	41,266				183	14	25,305	10
11	390	512	24	39	61,985	0	16	7	110	0	145	55	2	24	40,907				180	14	25,111	11
12	387	616	23	35	61,698	0	26	0	119	0	77	39	1	22	40,623				200	13	24,898	12
13	360	629	27	27	61,375	0	16	5	114	0	86	40	2	17	40,343				213	10	24,675	13
14	348	625	23	52	61,023	0	8	14	113	0	67	40	1	33	40,067				212	19	24,444	14
15	341	520	23	42	60,779	0	2	12	105	0	53	41	2	27	39,825				202	16	24,226	15
16	354	473	24	28	60,608	0	0	6	102	0	50	40	1	18	39,608				204	10	24,012	16
17	352	447	24	13	60,476	0	5	1	115	0	43	40	1	8	39,395				216	4	23,792	17
18	553	439	21	1	60,568	0	4	0	113	0	61	48	0	1	39,168				224	1	23,567	18
19	443	491	12	22	60,486	0	4	3	106	0	16	46	0	14	38,979				286	8	23,273	19
20	436	547	21	20	60,334	0	5	3	100	0	19	46	1	13	38,792				296	7	22,970	20
21	423	534	22	14	60,187	0	10	3	83	0	14	44	1	9	38,628				284	5	22,681	21
22	408	433	22	18	60,122	0	17	3	76	0	12	43	2	12	38,463				278	7	22,396	22
23	389	441	9	27	60,034	0	16	3	45	0	15	41	1	16	38,326				288	9	22,099	23
24	385	471	26	27	59,895	0	11	1	45	0	14	43	2	16	38,194				257	9	21,833	24
25	370	496	21	35	59,713	0	4	1	77	0	0	44	1	21	38,046				232	12	21,589	25
26	370	497	25	24	59,537	0	0	0	76	0	0	43	2	14	37,911				216	8	21,365	26
27	372	478	23	24	59,384	0	0	0	76	0	0	51	1	14	37,769				243	8	21,114	27
28	379	485	22	27	59,229	0	0	0	52	0	0	44	2	16	37,655				212	9	20,893	28
29	384	454	22	26	59,111	0	0	0	45	0	0	39	1	15	37,555				193	8	20,692	29
30	380	457	23	17	58,994	0	0	0	42	0	0	41	2	10	37,460				178	5	20,509	30
31	369	471	22	31	58,839	0	0	0	46	0	0	48	1	18	37,347				191	9	20,309	31
S.F.D.	11,999	15,002	714	975	58,839	0	469	396	2,469	1,761	1,063	1,445	42	618	37,347				6,922	356	20,309	S.F.D.
AC.FT.	23,800	29,756	1,417	1,934	116,705	0	931	785	4,897	3,493	2,109	2,866	83	1,226	74,077				13,729	706	40,282	AC.FT.

TOTAL ACRE-FOOT STORAGE DAYS 3,754,447

TOTAL ACRE-FOOT STORAGE DAYS 2,470,844

TOTAL ACRE-FOOT STORAGE DAYS 1,466,939

OCTOBER 2005
WATERMASTER NOTES *** KERN RIVER BULLETIN

MONTH	DAY(S)	PAGE NO.	TITLE OF COLUMN	COMMENT
October	1-29	1	FRIANT-KERN INFLOW	Friant-Kern Inflow to Kern River Channel on behalf of Kern-Tulare Water District.

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

2005 WATER YEAR

Quantities in acre-feet

		OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	TOTAL
+	Kern River Natural Flow	13,031	14,507	17,143	71,631	48,599	94,332	132,119	288,847	238,352	129,182	48,311	25,615	1,121,669
-	Isabella Reservoir Evaporation	1,791	1,029	633	486	718	1,341	2,541	5,040	8,194	10,526	8,963	6,010	47,272
-	Into Isabella Storage	0	0	0	36,690	14,625	56,110	90,650	197,590	39,134	0	0	0	434,799
+	From Isabella Storage	3,769	563	79	0	0	0	0	0	0	70,341	98,213	58,949	231,914
-	Kern River via Kern River/ California Aqueduct Intertie	0	0	0	0	0	0	0	0	0	0	0	0	0
=	Monthly Absorption within Kern River Service Area	15,009	14,041	16,589	34,455	33,256	36,881	38,928	86,217	191,024	188,997	137,561	78,554	871,512
	Accumulative Absorption within Kern River Service Area	15,009	29,050	45,639	80,094	113,350	150,231	189,159	275,376	466,400	655,397	792,958	871,512	

REPORT OF THE KERN RIVER WATERMASTER

Quantities in S.F.D. except where noted

NOVEMBER 2005

DAY	ISABELLA RESERVOIR ELEVATION (FEET)	MIDNIGHT STORAGE ACRE-FEET	S.F.D.	LOSS	FLOW AT 1ST POINT	FLOW ABOVE 1ST POINT	FIRST POINT REGULATED FLOW	CHANGE IN STORAGE+LOSS +1ST POINT REGULATED FLOW	COMPUTED 1ST POINT NATURAL FLOW	MEAN STORAGE Recreation Pool + Dead Storage = 15,218 S.F.D. (30,184 ACFT) TOTAL	IRRIGATION	KERN COUNTY RECREATION POOL LOSS	TOTAL FLOW AT SECOND POINT	SECOND POINT GROUP FLOW AT 2ND POINT KERN RIVER	FRIANT-KERN	FRIANT-KERN INFLOW	DAY
Previous Day	2573.71	261,248	131,713	58	756	23	779	369	369	131,713	116,495	4	48	48	0	0	
1	2573.56	260,087	131,127	31	916	24	940	385	361	131,103	115,885	2	49	49	0	0	1
2	2573.38	258,700	130,428	50	939	22	961	312	351	130,443	115,225	3	52	52	0	0	2
3	2573.20	257,317	129,731	68	961	23	984	355	344	129,735	114,517	5	51	51	0	0	3
4	2573.03	256,013	129,073	74	927	23	950	366	363	129,074	113,856	5	50	50	0	0	4
5	2572.89	254,943	128,534	31	852	24	876	368	374	128,541	113,323	2	48	48	0	0	5
6	2572.75	253,877	127,996	46	856	25	881	389	378	127,992	112,774	3	49	49	0	0	6
7	2572.60	252,735	127,421	40	887	24	911	376	398	127,439	112,221	3	51	51	0	0	7
8	2572.46	251,673	126,885	52	890	23	913	429	403	126,877	111,659	4	52	52	0	0	8
9	2572.31	250,537	126,312	92	861	23	884	403	402	126,303	111,085	7	61	61	0	0	9
10	2572.19	249,632	125,856	46	760	24	784	374	389	125,862	110,644	3	62	62	0	0	10
11	2572.08	248,802	125,438	30	754	24	778	390	389	125,443	110,225	2	46	46	0	0	11
12	2571.98	248,051	125,059	30	730	22	752	403	394	125,055	109,837	2	40	40	0	0	12
13	2571.88	247,299	124,680	21	728	19	747	389	399	124,686	109,468	2	38	38	0	0	13
14	2571.81	246,774	124,415	24	622	24	646	405	396	124,412	109,194	2	38	38	0	0	14
15	2571.77	246,474	124,264	51	465	28	493	393	387	124,255	109,037	4	40	40	0	0	15
16	2571.73	246,176	124,114	39	450	24	474	363	374	124,116	108,898	3	23	23	0	0	16
17	2571.70	245,951	124,000	45	411	24	435	366	363	123,999	108,781	3	0	0	0	0	17
18	2571.67	245,726	123,887	39	409	24	433	359	355	123,882	108,664	3	0	0	0	0	18
19	2571.64	245,502	123,774	57	373	24	397	341	358	123,786	108,568	4	0	0	0	0	19
20	2571.64	245,502	123,774	42	309	24	333	375	356	123,767	108,549	3	0	0	0	0	20
21	2571.63	245,427	123,736	42	326	23	349	353	359	123,735	108,517	3	0	0	0	0	21
22	2571.62	245,352	123,698	39	323	26	349	350	359	123,706	108,488	3	0	0	0	0	22
23	2571.62	245,352	123,698	15	334	24	358	373	363	123,696	108,478	1	0	0	0	0	23
24	2571.61	245,278	123,661	51	329	22	351	365	354	123,648	108,430	4	0	0	0	0	24
25	2571.59	245,128	123,585	48	332	21	353	325	339	123,586	108,368	4	0	0	0	0	25
26	2571.57	244,979	123,510	39	345	18	363	327	332	123,516	108,298	3	0	0	0	0	26
27	2571.56	244,904	123,473	33	326	22	348	344	331	123,466	108,248	2	0	0	0	0	27
28	2571.55	244,829	123,435	36	303	21	324	322	326	123,432	108,214	3	0	0	0	0	28
29	2571.53	244,680	123,360	63	300	24	324	312	315	123,360	108,142	5	0	0	0	0	29
30	2571.52	244,606	123,322	39	309	22	331	332	332	123,322	108,104	3	0	0	0	0	30
TOTAL SECOND FOOT DAYS				1,313	17,327	695	18,022	10,944	10,944	123,322	108,104	96	750	750	0	0	
TOTAL ACRE-FEET				2,604	34,368	1,379	35,747	21,707	21,707	244,606	214,422	190	1,488	1,488	0	0	

By: _____ Date: December 15, 2005

NOVEMBER 2005

NORTH KERN WATER STORAGE DISTRICT

DAY	ENT'L AT 1ST POINT	FLOW AT 1ST POINT	FLOW ABOVE 1ST POINT	RESERVOIR LOSS	RESERVOIR STORAGE
Previous Day	369	471	22	31	58,839
1	361	605	23	16	58,556
2	351	647	21	26	58,213
3	344	656	23	35	57,843
4	363	625	22	38	57,521
5	374	540	23	16	57,316
6	378	536	25	24	57,109
7	398	578	23	21	56,885
8	403	596	22	27	56,643
9	402	573	23	49	56,400
10	389	591	23	24	56,151
11	389	602	23	15	55,900
12	394	593	22	15	55,664
13	399	597	18	11	55,437
14	396	490	23	12	55,308
15	387	341	28	27	55,299
16	374	343	23	21	55,286
17	363	328	23	24	55,274
18	355	332	24	21	55,252
19	358	293	23	30	55,264
20	356	243	23	23	55,331
21	359	239	23	23	55,405
22	359	255	25	21	55,463
23	363	260	23	8	55,535
24	354	287	22	27	55,553
25	339	288	21	26	55,557
26	332	302	17	21	55,549
27	331	283	21	18	55,558
28	326	262	21	20	55,581
29	315	257	23	33	55,583
30	332	269	21	21	55,604
S.F.D.	10,944	12,811	675	693	55,604
AC.FT.	21,707	25,411	1,340	1,374	110,290

TOTAL ACRE-FOOT STORAGE DAYS 3,336,276

BUENA VISTA WATER STORAGE DISTRICT

DAY	ENT'L AT 1ST POINT	FLOW VIA KDWD STATE EXCH.	FLOW VIA KDWD MWD WATER	FLOW VIA CWD	FLOW AT 2ND POINT	FLOW ABOVE 1ST PT. CARMEL La HACIENDA INC.	RESERVOIR LOSS	RESERVOIR STORAGE
Previous Day	0	0	0	46	48	1	18	37,347
1	0	4	0	73	49	1	10	37,210
2	0	7	0	48	52	1	16	37,086
3	0	8	0	49	51	0	22	36,956
4	0	7	0	47	50	1	24	36,827
5	0	5	0	46	48	1	10	36,717
6	0	5	0	46	49	0	15	36,602
7	0	6	0	47	51	1	13	36,484
8	0	7	0	46	52	1	17	36,361
9	0	12	0	54	61	0	29	36,205
10	0	8	0	57	62	1	15	36,062
11	0	5	0	57	46	1	10	35,943
12	0	5	0	49	40	0	10	35,839
13	0	4	0	50	38	1	7	35,739
14	0	4	0	46	38	1	8	35,642
15	0	6	0	35	40	0	16	35,545
16	0	5	0	35	23	1	12	35,469
17	0	7	0	28	0	1	14	35,419
18	0	8	0	29	0	0	12	35,370
19	0	8	0	29	0	1	18	35,314
20	0	0	2	28	0	1	13	35,270
21	0	0	3	59	0	0	13	35,195
22	0	0	3	65	0	1	12	35,114
23	0	6	3	65	0	1	5	35,034
24	0	10	3	29	0	0	16	34,976
25	0	12	3	29	0	0	15	34,917
26	0	11	3	29	0	1	12	34,861
27	0	10	3	30	0	1	10	34,807
28	0	9	3	29	0	0	11	34,755
29	0	11	3	29	0	1	20	34,691
30	0	8	3	29	0	1	12	34,638
S.F.D.	0	198	32	1,292	750	20	417	34,638
AC.FT.	0	393	63	2,563	1,488	39	827	68,703

TOTAL ACRE-FOOT STORAGE DAYS 2,124,392

HACIENDA WATER DISTRICT

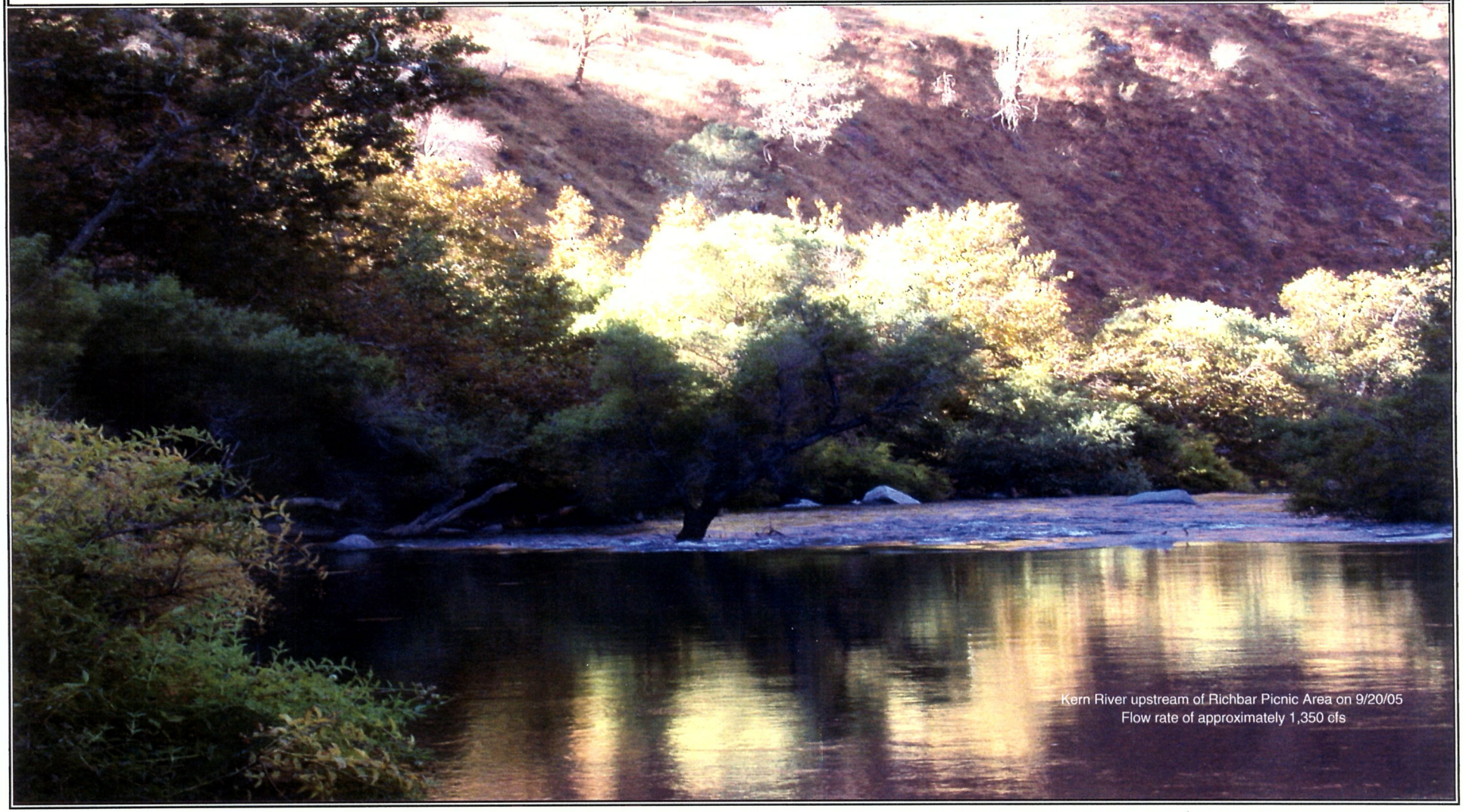
DAY	ENTITLEMENT Contributed by: NKWSD	ENTITLEMENT Contributed by: BVWSD	FLOW TRANS. LOSS	FLOW FOR KCWA	RESERVOIR LOSS	RESERVOIR STORAGE
Previous Day				191	9	20,309
1				185	5	20,119
2				185	8	19,926
3				197	11	19,718
4				198	12	19,508
5				213	5	19,290
6				220	7	19,063
7				205	6	18,852
8				189	8	18,655
9				161	14	18,480
10				42	7	18,431
11				44	5	18,382
12				43	5	18,334
13				39	3	18,292
14				44	4	18,244
15				43	8	18,193
16				44	6	18,143
17				48	7	18,088
18				40	6	18,042
19				43	9	17,990
20				36	6	17,948
21				25	6	17,917
22				0	6	17,911
23				0	2	17,909
24				0	8	17,901
25				0	7	17,894
26				0	6	17,888
27				0	5	17,883
28				0	5	17,878
29				0	10	17,868
30				0	6	17,862
S.F.D.				2,244	203	17,862
AC.FT.				4,450	403	35,429

TOTAL ACRE-FOOT STORAGE DAYS 1,096,083

NOVEMBER 2005

WATERMASTER NOTES *** KERN RIVER BULLETIN

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



Kern River upstream of Richbar Picnic Area on 9/20/05
Flow rate of approximately 1,350 cfs

REPORT OF THE KERN RIVER WATERMASTER

Quantities in S.F.D. except where noted

DECEMBER 2005

DAY	ISABELLA RESERVOIR ELEVATION (FEET)	ISABELLA RESERVOIR MIDNIGHT STORAGE ACRE-FEET	ISABELLA RESERVOIR MIDNIGHT STORAGE S.F.D.	LOSS	FLOW AT 1ST POINT	FLOW ABOVE 1ST POINT	FIRST POINT REGULATED FLOW	CHANGE IN STORAGE+LOSS +1ST POINT REGULATED FLOW	COMPUTED 1ST POINT NATURAL FLOW	MEAN STORAGE Recreation Pool + Dead Storage = 15,218 S.F.D. (30,184 ACFT) TOTAL	MEAN STORAGE Recreation Pool + Dead Storage = 15,218 S.F.D. (30,184 ACFT) IRRIGATION	KERN COUNTY RECREATION POOL LOSS	TOTAL FLOW AT SECOND POINT	SECOND POINT GROUP FLOW AT 2ND POINT KERN RIVER	SECOND POINT GROUP FLOW AT 2ND POINT FRIANT-KERN	FRIANT-KERN INFLOW	DAY
Previous Day	2571.52	244,606	123,322	39	309	22	331	332	332	123,322	108,104	3	0	0	0	0	
1	2571.53	244,680	123,360	40	310	19	329	407	407	123,360	108,142	3	0	0	0	0	1
2	2571.77	246,474	124,264	6	380	14	394	1,304	1,304	124,264	109,046	0	0	0	0	0	2
3	2571.89	247,374	124,718	15	398	7	405	874	874	124,718	109,500	1	0	0	0	0	3
4	2571.93	247,675	124,870	6	378	16	394	552	528	124,846	109,628	0	0	0	0	0	4
5	2571.95	247,825	124,945	12	376	16	392	479	504	124,946	109,728	1	0	0	0	0	5
6	2571.97	247,975	125,021	15	387	4	391	482	466	125,006	109,788	1	0	0	0	0	6
7	2571.98	248,051	125,059	12	369	17	386	436	454	125,062	109,844	1	0	0	0	0	7
8	2571.99	248,126	125,097	21	380	6	386	445	453	125,108	109,890	2	0	0	0	0	8
9	2572.02	248,350	125,210	26	321	19	340	479	467	125,209	109,991	2	0	0	0	0	9
10	2572.09	248,877	125,476	18	179	15	194	478	455	125,452	110,234	1	0	0	0	0	10
11	2572.15	249,330	125,704	23	142	14	156	407	417	125,690	110,472	2	0	0	0	0	11
12	2572.12	249,103	125,589	23	445	13	458	366	393	125,602	110,384	2	0	0	0	0	12
13	2572.06	248,651	125,362	23	593	17	610	406	405	125,374	110,156	2	0	0	0	0	13
14	2572.01	248,275	125,172	21	595	16	611	442	406	125,148	109,930	2	0	0	0	0	14
15	2571.94	247,750	124,907	26	592	17	609	370	399	124,912	109,694	2	0	0	0	0	15
16	2571.86	247,149	124,604	26	646	16	662	385	379	124,603	109,385	2	0	0	0	0	16
17	2571.77	246,474	124,264	18	687	17	704	382	434	124,315	109,097	1	0	0	0	0	17
18	2571.72	246,101	124,076	3	703	16	719	534	554	124,147	108,929	0	0	0	0	0	18
19	2571.73	246,176	124,114	6	686	17	703	747	625	124,063	108,845	0	0	0	0	0	19
20	2571.71	246,026	124,038	6	650	15	665	595	611	124,003	108,785	0	0	0	0	0	20
21	2571.67	245,726	123,887	3	625	15	640	492	542	123,902	108,684	0	0	0	0	0	21
22	2571.66	245,652	123,850	20	538	17	555	538	555	123,882	108,664	1	0	0	0	0	22
23	2571.70	245,951	124,000	15	449	20	469	634	554	123,952	108,734	1	0	0	0	0	23
24	2571.70	245,951	124,000	23	454	13	467	490	517	123,979	108,761	2	0	0	0	0	24
25	2571.68	245,801	123,925	35	453	15	468	428	505	123,981	108,763	3	0	0	0	0	25
26	2571.71	246,026	124,038	3	467	15	482	598	569	124,065	108,847	0	0	0	0	0	26
27	2571.75	246,326	124,189	12	502	15	517	680	565	124,101	108,883	1	0	0	0	0	27
28	2571.70	245,951	124,000	9	577	19	596	416	579	124,075	108,857	1	0	0	0	0	28
29	2571.71	246,026	124,038	23	564	15	579	640	501	123,974	108,756	2	0	0	0	0	29
30	2571.67	245,726	123,887	20	565	15	580	449	513	123,887	108,669	1	0	0	0	0	30
31	2571.78	246,549	124,302	3	579	15	594	1,012	1,012	124,302	109,084	0	0	0	0	0	31
TOTAL SECOND FOOT DAYS				512	14,990	465	15,455	16,947	16,947	124,302	109,084	37	0	0	0	0	
TOTAL ACRE-FEET				1,016	29,732	922	30,654	33,614	33,614	246,549	216,365	73	0	0	0	0	

By: _____ Date: January 23, 2006

DECEMBER 2005

	NORTH KERN WATER STORAGE DISTRICT					BUENA VISTA WATER STORAGE DISTRICT							HACIENDA WATER DISTRICT					
							FLOW			FLOW ABOVE 1ST PT. CARMEL			ENTITLEMENT	FLOW				
	ENT'L	FLOW	FLOW ABOVE	RESERVOIR		ENT'L	VIA	VIA	AT 2ND	La	RESERVOIR		Contributed by:		RESERVOIR			
DAY	AT 1ST POINT	AT 1ST POINT	1ST POINT	LOSS	STORAGE	AT 1ST POINT	KDWD	CWD	POINT	HACIENDA INC.	LOSS	STORAGE	NKWSD	BVWSD	LOSS	STORAGE	DAY	
Previous Day	332	269	21	21	55,604	0	8	29	0	1	12	34,638			6	17,862		
1	407	287	19	21	56,693	0	0	23	0	0	13	34,602			6	16,847	1	
2	1,304	358	14	3	57,622	0	0	22	0	0	2	34,578			1	16,846	2	
3	874	376	7	8	58,105	0	0	22	0	0	5	34,551			2	16,844	3	
4	528	375	16	3	58,239	0	3	0	0	0	2	34,546			1	16,843	4	
5	504	372	16	6	58,349	0	4	0	0	0	4	34,538			2	16,841	5	
6	466	383	3	8	58,421	0	4	0	0	1	5	34,528			2	16,839	6	
7	454	343	17	6	58,509	0	4	22	0	0	4	34,498			2	16,837	7	
8	453	357	6	12	58,587	0	5	18	0	0	6	34,469			3	16,834	8	
9	467	317	18	14	58,705	0	4	0	0	1	8	34,456			4	16,830	9	
10	455	178	15	9	58,958	0	1	0	0	0	6	34,449			3	16,827	10	
11	417	142	14	13	59,206	0	0	0	0	0	7	34,442			3	16,824	11	
12	393	442	13	13	59,131	0	3	0	0	0	7	34,432			3	16,821	12	
13	405	588	17	13	58,918	0	5	0	0	0	7	34,420			3	16,818	13	
14	406	589	15	12	58,708	0	6	0	0	1	6	34,407			3	16,815	14	
15	399	592	17	14	58,484	0	0	0	0	0	8	34,399			4	16,811	15	
16	379	643	16	14	58,190	0	3	0	0	0	8	34,388			4	16,807	16	
17	434	687	17	9	57,911	0	0	0	0	0	6	34,382			3	16,804	17	
18	554	702	16	2	57,745	0	1	0	0	0	1	34,380			0	16,804	18	
19	625	682	17	3	57,668	0	4	0	0	0	2	34,374			1	16,803	19	
20	611	645	15	3	57,616	0	5	0	0	0	2	34,367			1	16,802	20	
21	542	620	15	2	57,521	0	5	0	0	0	1	34,361			0	16,802	21	
22	555	534	16	11	57,515	0	4	0	0	1	6	34,350			3	16,799	22	
23	554	446	20	8	57,595	0	3	0	0	0	5	34,342			2	16,797	23	
24	517	452	13	13	57,634	0	2	0	0	0	7	34,333			3	16,794	24	
25	505	453	15	19	57,652	0	0	0	0	0	11	34,322			5	16,789	25	
26	569	466	15	2	57,738	0	1	0	0	0	1	34,320			0	16,789	26	
27	565	499	14	6	57,784	0	3	0	0	1	4	34,312			2	16,787	27	
28	579	573	19	5	57,766	0	4	0	0	0	3	34,305			1	16,786	28	
29	501	562	15	13	57,677	0	2	0	0	0	7	34,296			3	16,783	29	
30	513	565	15	11	57,599	0	0	0	0	0	6	34,290			3	16,780	30	
31	1,012	579	15	2	58,020	0	0	0	0	0	1	34,284			0	16,780	31	
S.F.D.	16,947	14,807	460	278	58,020	0	76	107	0	5	161	34,284			73	16,780	S.F.D.	
AC.FT.	33,614	29,369	911	552	115,081	0	151	212	0	11	319	68,001			145	33,283	AC.FT.	

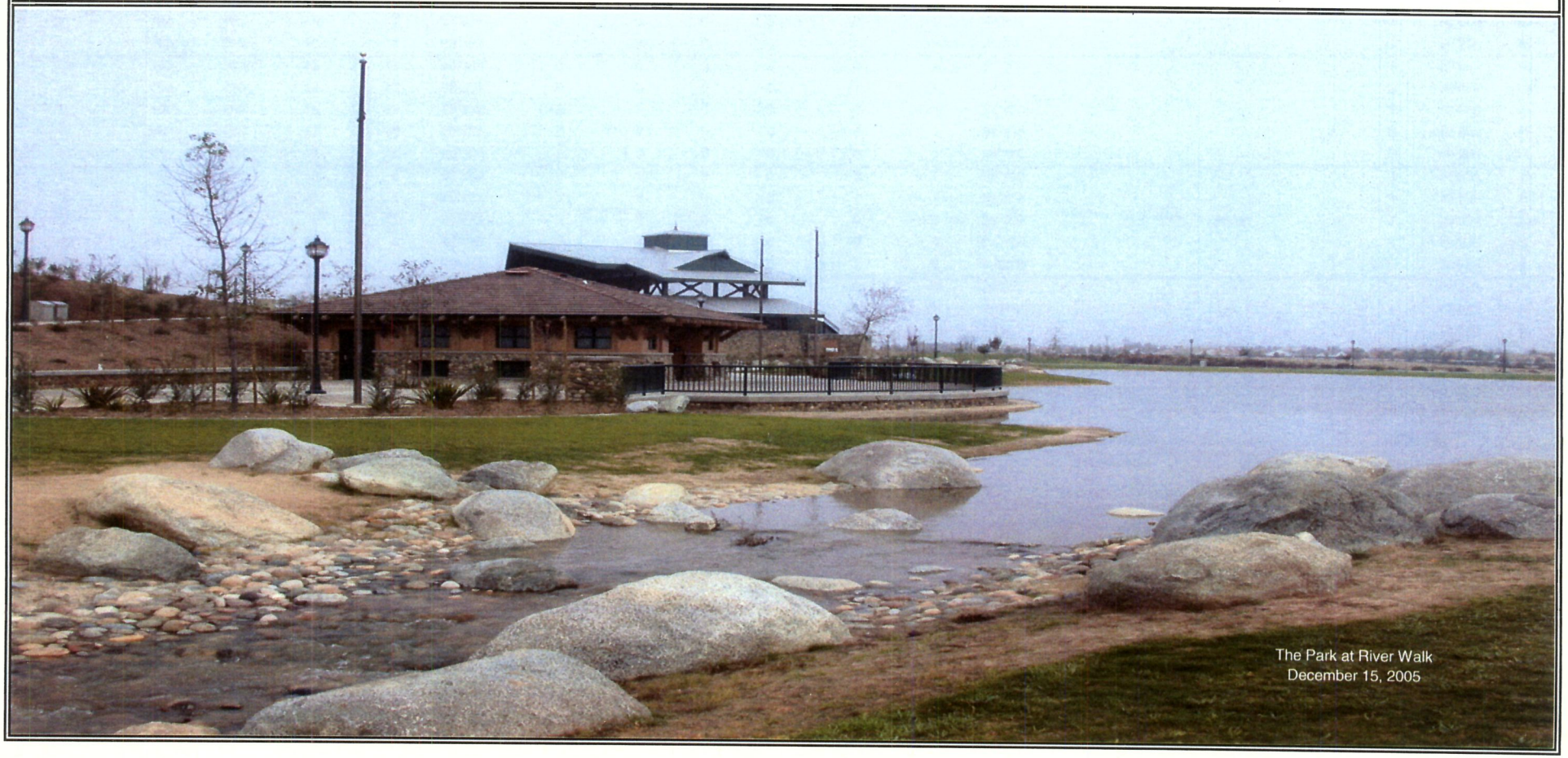
TOTAL ACRE-FOOT STORAGE DAYS 3,570,774

TOTAL ACRE-FOOT STORAGE DAYS 2,115,809

TOTAL ACRE-FOOT STORAGE DAYS 1,033,751

DECEMBER 2005
WATERMASTER NOTES *** KERN RIVER BULLETIN

MONTH	DAY(S)	PAGE NO.	TITLE OF COLUMN	COMMENT
December	1	2	HWD RESERVOIR STORAGE NKWSD RESERVOIR STORAGE	Reflects transfer from HACIENDA WATER DISTRICT to NORTH KERN WATER STORAGE DISTRICT of 2,002 acre-feet (1,009 s.f.d.) as per terms of Kern County Water Agency letter dated January 18, 2006.
December	31	2	BVWSD RESERVOIR STORAGE NKWSD RESERVOIR STORAGE	Reflects transfer of 10 acre-feet (5 s.f.d.) from BUENA VISTA WATER STORAGE DISTRICT to NORTH KERN WATER STORAGE DISTRICT on behalf of HACIENDA WATER DISTRICT as compensation for additional evaporation of Kern River water due to Rio Bravo Power Plant operations during calendar year 2005 pursuant to terms of May 14, 1986 Memorandum of Understanding between Olcese WD and the Kern River Interests. (Total of 14 acre-feet of additional evaporation; shared 75% NKWSD & 25% BVWSD)



The Park at River Walk
December 15, 2005



Kern River at Enos Lane shortly after
2800 Acre Basin 4 Levee Break
January 31, 2005

CITY OF BAKERSFIELD
KERN RIVER FIRST POINT FLOW AND DIVERSION RECORD

Date: January 2005 Recap

QUANTITIES IN: ACRE-FEET

COMPUTED NATURAL FLOW AT FIRST POINT.....	71631
LESS NON-CONTRIBUTING CANALS.....	18446
FOR OTHERS AND FIRST POINT CANALS.....	53185
TO BE CONTRIBUTED BY OTHER CANALS.....	6272
TO BE USED BY OTHER CANALS.....	46913
EACH OTHER CANAL TO RECEIVE.....	N/A % OF IT'S DIVERSION RIGHT

K.C.L. CO. ENTITLEMENT AT SECOND POINT (4.563%).....	256
B.V.W.S.D. ENTITLEMENT.....	5340
SEEPAGE LOSS.....	676
KERN RIVER CONDUIT ENTITLEMENT.....	0
HACIENDA W.D. ENTITLEMENT AT FIRST POINT.....	0
TOTAL.....	6272

DIVERSION RIGHT				GROSS	GROSS	RELEASES			ENTITLEMENT LESS RELEASES				EXCHANGES, SALES		NET DIVERSIONS				WATER TRANS. LOSS	
RIVER STAGE	AMT.	NAME OF CANAL		DIV'R	ENT'L	To River	Distribution Direct	Distribution Pro	... OR PLUS DISTRIBUTED RELEASES NKWSD	KCC&W Co.	KDWD	OTHER	OR PURCHASES PLUS	OR PURCHASES LESS	NKWSD	KCC&W Co.	KDWD	OTHER	DIR	PRO
		K.C.L. Co. ENT'L @ 2ND PT.			256				256											
300.0	300	KERN ISLAND (1-ST)		4246	18611	14692					3919			341			3905			
		EASTSIDE		103										103						
		KERN RIVER CONDUIT																		
320.0	20	CASTRO			305		6	4												
		KCC&W Co.			875		54	16		1260									2099	
330.5	10.5	SOUTH FORK			603	603														
410.5	80	BUENA VISTA (1-ST)			4324	4226					98									
530.5	120	JAMES (1-ST)			5443		2001	109	7553											
550.5	20	ANDERSON (1-ST)			908		332	20	1260											
700.5	150	STINE			6730	5454	95	135			1506									
730.5	30	MEACHAM			1347		516	28	1891											
880.5	150	FARMERS		127	6478	5081	95	135			1627						127			
920.5	40	PLUNKET			1254		1227	36	2517											
960.5	40	JOYCE			962		1519	36	2517											
1000.5	40	JOHNSON			797		1678	36	2511											
1130.5	130	PIONEER (1-ST)			2134		4682	117	3104	3829										
1190.5	60	BEARDSLEY (1-ST)		6	720		2047	54				2821						6		
		LERDO (NKWSD)		18843										8	17583	506		746		
1200.5	10	ANDERSON (2-ND)			119		343	8	133	337										
1240.5	40	JAMES & DIXON			411		1436	36	534	1349										
1250.5	10	WILSON			61		218	4												
		KCC&W Co.			38		145	4		470										
1276.5	26	McCAFFREY			254		946	24	347	877										
		McCORD	LERDO 30%		293		1093	28	402	1012										
1376.5	100		BEARDSLEY 70%		682		2549	61				3292								
		CALLOWAY	CENTRAL 20%	269	1333		1426	153		2912				269						
2226.5	850		NKWSD 80%		5334		5716	612	6544	5118										
		RAILROAD	KCC&W Co. 20%		282		50	36		368										
2426.5	200		NKWSD 80%		1128		193	145	1182	284										
2516.5	90	BUENA VISTA (2-ND)			553	553														
2696.5	180	JAMES (2-ND)			1105		63	161	1329											
2866.5	170	PIONEER (2-ND)			936		69	152	720	437										
3106.5	240	BEARDSLEY (3-RD)			1085			214				1299								
3162.5	56	KERN ISLAND (2-ND)			254	254														
		ROSEDALE RBWSD		2959												2959			60	
		TRUXTUN LAKES																		
		RIO VISTA LAKE																		
		COUNTY OF KERN														22				
		KERN VALLEY GOLF COURSE																		
		CALIFORNIA WATER SERVICE CO.														788				
		OLCESE WD														7				
		2800 ACRE SPREADING		1591												1591				
		BVWSD VIA KDWD											444							
		BVWSD VIA PIONEER PROJECT																	419	
		NKWSD FOR CWD											8							
		NKWSD FOR ID4											281						12	
TOTALS			817	28144	65615	30863	28499	2364	32800	18253	7150	7412	733	721	17583	5873	4032	752	2590	0
		LOSS		3269	676														2590	
FLOW AT FIRST POINT			817	31413	66291															

ISABELLA RESERVOIR				
IN	PREVIOUS BALANCE	LOSS	OUT	CURRENT BALANCE
14	2500	14	0	2500
0	0	0	0	0
10221	14423	109	0	24535
0	600		0	600
98	1410	8	0	1500
1506	0	6	0	1500
1500	6	6	0	1500
6660	0	16	0	6644
15057	21273	180	129	36021
35056	40212	339	129	74800

TOTAL CHANGE IN STORAGE = 34588

NOTES:

Kern Island Exch. Less: from BVWSD=	341
Eastside Exch. Less: from BVWSD=	103
Lerdo (NKWSD): City to NKWSD (Misc.)=	34
RRBWSD: City to RRBWSD=	2959
River Loss: City to RRBWSD (ID4)=	60
2800 Acre Spdg.: City to RRBWSD (Misc.)=	133
Lerdo (NKWSD): City to RRBWSD/CWD=	472
Lerdo Exch. Less: NKWSD for CWD=	8
Lerdo (NKWSD) - Other: KRC&I 30% Ent'l=	746
River Loss: BVWSD via Pioneer Project=	419
Cally. Exch. Less: NKWSD for ID4=	269
River Loss: NKWSD for ID4=	12
NKWSD/KCC&W Co. Ent'l: Reflects release to City (due to inability to divert natural flow ent'l)=	13243

CITY OF BAKERSFIELD

KERN RIVER FIRST POINT FLOW AND DIVERSION RECORD

Date: February 2005 Recap

COMPUTED NATURAL FLOW AT FIRST POINT.....	48599
LESS NON-CONTRIBUTING CANALS.....	16661
FOR OTHERS AND FIRST POINT CANALS.....	31938
TO BE CONTRIBUTED BY OTHER CANALS.....	611
TO BE USED BY OTHER CANALS.....	31327
EACH OTHER CANAL TO RECEIVE.....	N/A % OF IT'S DIVERSION RIGHT

QUANTITIES IN: ACRE-FEET

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

DIVERSION RIGHT				GROSS	GROSS	RELEASES			ENTITLEMENT LESS RELEASES ... OR PLUS DISTRIBUTED RELEASES				EXCHANGES, SALES OR PURCHASES		NET DIVERSIONS				WATER TRANS. LOSS	
RIVER STAGE	AMT.	NAME OF CANAL		DIV'R	ENT'L	To River	Distribution Direct	Distribution Pro	NKWSD	KCC&W Co.	KDWD	OTHER	PLUS	LESS	NKWSD	KCC&W Co.	KDWD	OTHER	DIR	PRO
		K.C.L. Co. ENT'L @ 2ND PT.																		
300.0	300	KERN ISLAND (1-ST)		6716	16661	2463					14198			137			6579		93	
		EASTSIDE		464										464						
		KERN RIVER CONDUIT																		
320.0	20	CASTRO			278															
		KCC&W Co.			807		26			1111									1120	
330.5	10.5	SOUTH FORK			556	284						272								
410.5	80	BUENA VISTA (1-ST)		758	4353	1382	4				2975						758		113	
530.5	120	JAMES (1-ST)			6527		137		6664											
550.5	20	ANDERSON (1-ST)			1085		26		1111											
700.5	150	STINE		280	8158	3919					4239						280			
730.5	30	MEACHAM			1238		428		1666											
880.5	150	FARMERS		1565	3679	1379	827				3127						1565			
920.5	40	PLUNKET			857		1307		2164											
960.5	40	JOYCE			813		532		1345											
1000.5	40	JOHNSON			676		434		1110											
1130.5	130	PIONEER (1-ST)			1416		1987		3403											
1190.5	60	BEARDSLEY (1-ST)		58	351	46						305						58		
		LERDO (NKWSD)		12035										8	11481	400		146		
1200.5	10	ANDERSON (2-ND)			60		179		239											
1240.5	40	JAMES & DIXON			198		754		952											
1250.5	10	WILSON			12		121													
		KCC&W Co.			8		79			220										
1276.5	26	McCAFFREY			52		516		568											
		McCORD	LERDO 30%		58		545		603											
1376.5	100		BEARDSLEY 70%		135	40						95								
		CALLOWAY	CENTRAL 20%	1295	2		321			323				1295						
2226.5	850		NKWSD 80%		8		1290		1298											
		RAILROAD	KCC&W Co. 20%																	
2426.5	200		NKWSD 80%																	
2516.5	90	BUENA VISTA (2-ND)																		
2696.5	180	JAMES (2-ND)																		
2866.5	170	PIONEER (2-ND)																		
3106.5	240	BEARDSLEY (3-RD)																		
3162.5	56	KERN ISLAND (2-ND)																		
		ROSEDALE RBWSD		163												163				
		TRUXTUN LAKES																		
		RIO VISTA LAKE																		
		COUNTY OF KERN														26				
		KERN VALLEY GOLF COURSE																		
		CALIFORNIA WATER SERVICE CO.														684				
		OLCESE WD														5				
		2800 ACRE SPREADING																		
		BVWSD VIA KDWD											601							
		NKWSD FOR CWD											8							
		NKWSD FOR ID4											1559						264	
TOTALS			715	23334	47988	9513	9513	0	21123	1654	24539	672	2168	1904	11481	1278	9182	204	1590	0
		LOSS		2202	611														1590	
FLOW AT FIRST POINT			715	25536	48599															

ISABELLA RESERVOIR

IN	PREVIOUS BALANCE	LOSS	OUT	CURRENT BALANCE
7526	2500	38	0	9988
0	0	0	0	0
109	24535	168	853	23623
272	600		0	872
2104	1500	16	0	3588
3959	1500	22	0	5437
1562	1500	12	0	3050
254	6644	46	58	6794
8075	36021	265	0	43831
23861	74800	567	911	97183

TOTAL CHANGE IN STORAGE = 22383

NOTES:

Kern Island Exch. Less: from BVWSD=	137
Eastside Exch. Less: from BVWSD=	464
Lerdo Exch. Less: NKWSD for CWD=	8
Lerdo (NKWSD): City to NKWSD (Misc.)=	103
Lerdo (NKWSD): City to NKWSD (RRID)=	297
RRBWSD: City to RRBWSD=	163
Cally. Exch. Less: NKWSD for ID4=	1295
River Loss: NKWSD for ID4=	264
Lerdo (NKWSD): Other: KRC&I 30% Ent'l=	146

CITY OF BAKERSFIELD
KERN RIVER FIRST POINT FLOW AND DIVERSION RECORD

Date: March 2005 Recap

COMPUTED NATURAL FLOW AT FIRST POINT.....	94332
LESS NON-CONTRIBUTING CANALS.....	18250
FOR OTHERS AND FIRST POINT CANALS.....	76082
TO BE CONTRIBUTED BY OTHER CANALS.....	51032
TO BE USED BY OTHER CANALS.....	25050
EACH OTHER CANAL TO RECEIVE.....	N/A % OF IT'S DIVERSION RIGHT

QUANTITIES IN: ACRE-FEET

K.C.L. CO. ENTITLEMENT AT SECOND POINT (4.563%)...	976
B.V.W.S.D. ENTITLEMENT.....	24325
SEEPAGE LOSS.....	676
KERN RIVER CONDUIT ENTITLEMENT.....	25055
HACIENDA W.D. ENTITLEMENT AT FIRST POINT.....	0
TOTAL.....	51032

DIVERSION RIGHT				GROSS	GROSS	RELEASES			ENTITLEMENT LESS RELEASES ... OR PLUS DISTRIBUTED RELEASES				EXCHANGES, SALES OR PURCHASES		NET DIVERSIONS				WATER TRANS. LOSS	
RIVER STAGE	AMT.	NAME OF CANAL		DIV'R	ENT'L	To River	Distribution Direct	Distribution Pro	NKWSD	KCC&W Co.	KDWD	OTHER	PLUS	LESS	NKWSD	KCC&W Co.	KDWD	OTHER	DIR	PRO
		K.C.L. Co. ENT'L @ 2ND PT.			976				976											
300.0	300	KERN ISLAND (1-ST)		9060	18250	3359					14891			262			8798			
		EASTSIDE		1406										438			968			
		KERN RIVER CONDUIT			25055					25055										
320.0	20	CASTRO			87		216													
		KCC&W Co.			246		651			1200									1052	
330.5	10.5	SOUTH FORK			177	83						94								
410.5	80	BUENA VISTA (1-ST)		2194	1347		1260				2607						2194			
530.5	120	JAMES (1-ST)			2021		1857		3878											
550.5	20	ANDERSON (1-ST)			333		24		357											
700.5	150	STINE		2676	2529		2				2531						2676			
730.5	30	MEACHAM			508				508											
880.5	150	FARMERS		1010	2529	479					2050						1010			
920.5	40	PLUNKET			676				676											
960.5	40	JOYCE			676				676											
1000.5	40	JOHNSON			676				676											
1130.5	130	PIONEER (1-ST)			2190				2190											
1190.5	60	BEARDSLEY (1-ST)		488	1012							1012		16				488		
		LERDO (NKWSD)		9622									16		4284	3995		688		
1200.5	10	ANDERSON (2-ND)			169				169											
1240.5	40	JAMES & DIXON			676				676											
1250.5	10	WILSON			87															
		KCC&W Co.			81					168										
1276.5	26	McCAFFREY			440				440											
		McCORD	LERDO 30%		494				494											
1376.5	100		BEARDSLEY 70%		1152	79						1073								
		CALLOWAY	CENTRAL 20%	1575	1238					1238						1575			295	
2226.5	850		NKWSD 80%		4955				4955											
		RAILROAD	KCC&W Co. 20%		36					36										
2426.5	200		NKWSD 80%		143				143											
2516.5	90	BUENA VISTA (2-ND)			79	10					69									
2696.5	180	JAMES (2-ND)			161				161											
2866.5	170	PIONEER (2-ND)			151				151											
3106.5	240	BEARDSLEY (3-RD)			181							181								
3162.5	56	KERN ISLAND (2-ND)																		
		ROSEDALE RBWSD		5844										2352		3492				
		TRUXTUN LAKES																		
		RIVER WALK LAKE																		
		COUNTY OF KERN														68				
		KERN VALLEY GOLF COURSE														6				
		CALIFORNIA WATER SERVICE CO.														892				
		OLCESE WD														18				
		2800 ACRE SPREADING																		
		BVWSD VIA KDWD											700							
		BVWSD VIA RRBWSD											2352							
		ROSEDALE RANCH ID														655				
TOTALS			984	33875	69331	4010	4010	0	17126	27697	22148	2360	3068	3068	4284	10701	15646	1176	1347	0
		LOSS		2022	676														1347	
FLOW AT FIRST POINT			984	35897	70007															

ISABELLA RESERVOIR

IN	PREVIOUS BALANCE	LOSS	OUT	CURRENT BALANCE
5125	9988	113	0	15000
0	0	0	0	0
15649	23623	321	0	38951
94	872		0	966
577	3588	36	95	4034
254	5437	52	399	5240
1433	3050	30	393	4060
1108	6794	69	34	7799
12858	43831	460	0	56229
37098	97183	1081	921	132279

TOTAL CHANGE IN STORAGE = 35096

NOTES:

Kern Island Exch. Less: from BVWSD= 262
Eastside Exch. Less: from BVWSD= 438

RRBWSD: City to RRBWSD= 3492

Lerdo (NKWSD): City to RRBWSD= 2642
Lerdo (NKWSD): City to CWD (Basic)= 1353
Lerdo (NKWSD) Other: KRC&I 30% Ent'l= 688
Lerdo Exch. Plus: KRC&I 30% Ent'l= 16

Cally. (Central): City to K-TWD = 1369
Cally. (Central): City to RGWD = 206
River Loss: City to K-TWD = 257
River Loss: City to RGWD = 38

CITY OF BAKERSFIELD
KERN RIVER FIRST POINT FLOW AND DIVERSION RECORD

Date: April 2005 Recap

COMPUTED NATURAL FLOW AT FIRST POINT.....	132119
LESS NON-CONTRIBUTING CANALS.....	17851
FOR OTHERS AND FIRST POINT CANALS.....	114268
TO BE CONTRIBUTED BY OTHER CANALS.....	62946
TO BE USED BY OTHER CANALS.....	51322
EACH OTHER CANAL TO RECEIVE.....	N/A % OF IT'S DIVERSION RIGHT

QUANTITIES IN: ACRE-FEET

K.C.L. CO. ENTITLEMENT AT SECOND POINT (4.563%)...	1799
B.V.W.S.D. ENTITLEMENT.....	37545
SEEPAGE LOSS.....	655
KERN RIVER CONDUIT ENTITLEMENT.....	22947
HACIENDA W.D. ENTITLEMENT AT FIRST POINT.....	0
TOTAL.....	62946

DIVERSION RIGHT				GROSS	GROSS	RELEASES			ENTITLEMENT LESS RELEASES ... OR PLUS DISTRIBUTED RELEASES				EXCHANGES, SALES OR PURCHASES		NET DIVERSIONS				WATER TRANS. LOSS	
RIVER STAGE	AMT.	NAME OF CANAL		DIV'R	ENT'L	To River	Distribution Direct	Distribution Pro	NKWSD	KCC&W Co.	KDWD	OTHER	PLUS	LESS	NKWSD	KCC&W Co.	KDWD	OTHER	DIR	PRO
		K.C.L. Co. ENT'L @ 2ND PT.			1799				1799											
300.0	300	KERN ISLAND (1-ST)		12635	17851	4249					13602			682			11953			
		EASTSIDE		1626										159			1467			
		KERN RIVER CONDUIT			22947					22947										
320.0	20	CASTRO			119		167													
		KCC&W Co.			405		456			1147									1009	
330.5	10.5	SOUTH FORK			286	28	232					490								
410.5	80	BUENA VISTA (1-ST)		2533	2120		2083				4203						2533			
530.5	120	JAMES (1-ST)			3179		1955		5134											
550.5	20	ANDERSON (1-ST)			524		77		601											
700.5	150	STINE		1676	3971	40	20				3951						1676			
730.5	30	MEACHAM			797				797											
880.5	150	FARMERS		1295	3971	673					3298						1295			
920.5	40	PLUNKET			1063				1063											
960.5	40	JOYCE			1063				1063											
1000.5	40	JOHNSON			1063				1063											
1130.5	130	PIONEER (1-ST)			3439				3439											
1190.5	60	BEARDSLEY (1-ST)		692	1595							1595		119				692		
		LERDO (NKWSD)		9144									119	305	2927	4441		914		
1200.5	10	ANDERSON (2-ND)			270				270											
1240.5	40	JAMES & DIXON			1063				1063											
1250.5	10	WILSON			151															
		KCC&W Co.			119					270										
1276.5	26	McCAFFREY			686				686											
		McCORD	LERDO 30%		793				793											
1376.5	100		BEARDSLEY 70%		1850							1850								
		CALLOWAY	CENTRAL 20%	2382	3589					3589						2382			694	
2226.5	850		NKWSD 80%		14359				14359											
		RAILROAD	KCC&W Co. 20%		529					529										
2426.5	200		NKWSD 80%		2113				2113											
2516.5	90	BUENA VISTA (2-ND)			1020						1020									
2696.5	180	JAMES (2-ND)			1006				1006											
2866.5	170	PIONEER (2-ND)			179				179											
3106.5	240	BEARDSLEY (3-RD)																		
3162.5	56	KERN ISLAND (2-ND)																		
		ROSEDALE RBWSD		2099										1643		456				
		TRUXTUN LAKES																		
		RIVER WALK LAKE																		
		COUNTY OF KERN														91				
		KERN VALLEY GOLF COURSE														15				
		CALIFORNIA WATER SERVICE CO.														966				
		OLCESE WD														50				
		2800 ACRE SPREADING																		
		PIONEER PROJECT		1281										1281						
		BVWSD VIA KDWD											841							
		BVWSD VIA RRBWSD											1643							
		BVWSD VIA PIONEER PROJECT											1281							
		BVWSD FOR La HACIENDA INC.											84	84						
		BVWSD VIA NKWSD											305							
		ROSEDALE RANCH ID														557				
TOTALS			1206	35363	93919	4990	4990	0	35428	28482	26074	3935	4273	4273	2927	8958	18924	1606	1703	0
		LOSS		2359	655														1703	
FI OW AT FIRST POINT			1206	37722	94574															

ISABELLA RESERVOIR

IN	PREVIOUS BALANCE	LOSS	OUT	CURRENT BALANCE
194	15000	182	12	15000
0	0	0	0	0
17821	38951	582	0	56190
490	966		0	1456
2853	4034	58	163	6666
2275	5240	75	0	7440
2003	4060	63	0	6000
1720	7799	103	0	9416
32620	56229	833	0	88016
59976	132279	1896	175	190184

TOTAL CHANGE IN STORAGE = 57905

NOTES:

Kern Island Exch. Less: from BVWSD=	682
Eastside Exch. Less: from BVWSD=	159
RRBWSD: City to RRBWSD=	456
Lerdo (NKWSD): City to CWD (Basic)=	4441
Lerdo (NKWSD) Other: KRC&I 30% Ent'l=	914
Lerdo Exch. Plus: KRC&I 30% Ent'l=	119
Cally. (Central): City to K-TWD =	2072
Cally. (Central): City to RGWD =	310
River Loss: City to K-TWD =	603
River Loss: City to RGWD =	91

CITY OF BAKERSFIELD
KERN RIVER FIRST POINT FLOW AND DIVERSION RECORD

Date: May 2005 Recap

COMPUTED NATURAL FLOW AT FIRST POINT.....	288847
LESS NON-CONTRIBUTING CANALS.....	18446
FOR OTHERS AND FIRST POINT CANALS.....	270401
TO BE CONTRIBUTED BY OTHER CANALS.....	178994
TO BE USED BY OTHER CANALS.....	91407
EACH OTHER CANAL TO RECEIVE.....	N/A % OF IT'S DIVERSION RIGHT

QUANTITIES IN: ACRE-FEET

K.C.L. CO. ENTITLEMENT AT SECOND POINT (4.563%)...	5058
B.V.W.S.D. ENTITLEMENT.....	101353
SEEPAGE LOSS.....	676
KERN RIVER CONDUIT ENTITLEMENT.....	43629
HACIENDA W.D. ENTITLEMENT AT FIRST POINT.....	28278
TOTAL.....	178994

DIVERSION RIGHT				GROSS	GROSS	RELEASES			ENTITLEMENT LESS RELEASES ... OR PLUS DISTRIBUTED RELEASES				EXCHANGES, SALES OR PURCHASES		NET DIVERSIONS				WATER TRANS. LOSS	
RIVER STAGE	AMT.	NAME OF CANAL		DIV'R	ENT'L	To River	Distribution Direct	Distribution Pro	NKWSD	KCC&W Co.	KDWD	OTHER	PLUS	LESS	NKWSD	KCC&W Co.	KDWD	OTHER	DIR	PRO
		K.C.L. Co. ENT'L @ 2ND PT.			5058				3810	1248										
300.0	300	KERN ISLAND (1-ST)		13153	18446	1294					17152						13153			
		EASTSIDE		1547										175			1372			
		KERN RIVER CONDUIT			43629					43629										
320.0	20	CASTRO			175		133												0	0
		KCC&W Co.			468		454			1230									3662	
330.5	10.5	SOUTH FORK			341		292					633								
410.5	80	BUENA VISTA (1-ST)		2313	2569	63	1047				3553			829			1484			
530.5	120	JAMES (1-ST)			3864		1716		4389	1191										
550.5	20	ANDERSON (1-ST)			643		246		691	198										
700.5	150	STINE		3401	4836	1368	271				3739			1347			2054			
730.5	30	MEACHAM			970		280		924	326										
880.5	150	FARMERS		1997	4836	2752					2084						1997			
920.5	40	PLUNKET			1285		351		1160	476										
960.5	40	JOYCE			1285		327		1136	476										
1000.5	40	JOHNSON			1285		272		1081	476										
1130.5	130	PIONEER (1-ST)			4185		585		3243	1527										
1190.5	60	BEARDSLEY (1-ST)		653	1934		179					2113		6				653		
		LERDO (NKWSD)		24706									6	6138	6638	6966		3447		
1200.5	10	ANDERSON (2-ND)			331		30		250	111										
1240.5	40	JAMES & DIXON			1285		121		960	446										
1250.5	10	WILSON			190		18													
		KCC&W Co.			141		10			359										
1276.5	26	McCAFFREY			833		54		609	278										
		McCORD LERDO 30%			968		58		708	318										
1376.5	100	BEARDSLEY 70%			2259		132					2391								
		CALLOWAY CENTRAL 20%		2974	5474		75			5549						2974			1413	
2226.5	850	NKWSD 80%		107	21896		304		16005	6195					107					
		RAILROAD KCC&W Co. 20%			1287					1287										
2426.5	200	NKWSD 80%			5149				3765	1384										
2516.5	90	BUENA VISTA (2-ND)			2900	504					2396									
2696.5	180	JAMES (2-ND)			5766				4205	1561										
2866.5	170	PIONEER (2-ND)			5338				3864	1474										
3106.5	240	BEARDSLEY (3-RD)			7315							7315								
3162.5	56	KERN ISLAND (2-ND)			1599	974					625									
		ROSEDALE RBWSD		12722										1002		11720				
		TRUXTUN LAKES		117												117				
		NORTH LAKE		24										24						
		COUNTY OF KERN														117				
		KERN VALLEY GOLF COURSE														20				
		CALIFORNIA WATER SERVICE CO.														1129				
		OLCESE WD														73				
		2800 ACRE SPREADING		5078												5078				
		PIONEER PROJECT		1995										1995						
		FIRST POINT PASSING 2ND POINT		1085												1085				
		BVWSD VIA KDWD											175							
		BVWSD VIA KDWD (MWD WATER)											2176							
		BVWSD VIA RRBWSD											1002							
		BVWSD VIA PIONEER PROJECT											4050						2031	
		BVWSD FOR LaHACIENDA INC.											95	95						
		BVWSD VIA NKWSD											6138							
		NKWSD FOR ID4											956						956	
		ROSEDALE RANCH ID														1517				
TOTALS			1434	71872	158540	6955	6955	0	46800	69739	29549	12452	14598	11611	6745	30796	20060	4100	8062	0
		LOSS		8736	676														8062	
FLOW AT FIRST POINT			1434	80608	159216															

ISABELLA RESERVOIR

IN	PREVIOUS BALANCE	LOSS	OUT	CURRENT BALANCE
3252	15000	252	0	18000
0	0	0	0	0
34078	56190	991	210	89067
633	1456		0	2089
4465	6666	131	0	11000
1685	7440	125	0	9000
87	6000	87	0	6000
7713	9416	182	0	16947
42667	88016	1611	3562	125510
94580	190184	3379	3772	277613

TOTAL CHANGE IN STORAGE = 87429

NOTES:

Eastside Exch. Less: from BVWSD=	175
Buena Vista Exch. Less: from BVWSD (MWD)	829
Stine Exch. Less: from BVWSD (MWD)=	1347
RRBWSD: City to RRBWSD=	11720
RRBWSD Exch. Less: BVWSD via RRBWSD=	1002
North Lake: BVWSD via Pioneer Project =	24
Lerdo (NKWSD): City to CWD (Basic)=	6966
Lerdo (NKWSD) Other: KRC&I 30% Ent'l=	3447
Lerdo Exch. Plus: KRC&I 30% Ent'l=	6
Cally. (Central): City to K-TWD =	2584
Cally. (Central): City to RGWD =	390
River Loss: City to K-TWD =	1229
River Loss: City to RGWD =	184
Truxtun Lakes: City to K-TWD =	101
Truxtun Lakes: City to RGWD =	16
River Loss: NKWSD for ID4 =	956
River Loss: BVWSD via Pioneer Project =	2031
NKWSD/KCC&W Co. Ent'l: Reflects release to City (in excess of Maximum Diversion Right) =	17685

CITY OF BAKERSFIELD
KERN RIVER FIRST POINT FLOW AND DIVERSION RECORD

Date: June 2005 Recap

COMPUTED NATURAL FLOW AT FIRST POINT.....	238352
LESS NON-CONTRIBUTING CANALS.....	17851
FOR OTHERS AND FIRST POINT CANALS.....	220501
TO BE CONTRIBUTED BY OTHER CANALS.....	151818
TO BE USED BY OTHER CANALS.....	68683
EACH OTHER CANAL TO RECEIVE.....	N/A % OF IT'S DIVERSION RIGHT

QUANTITIES IN: ACRE-FEET

K.C.L. CO. ENTITLEMENT AT SECOND POINT (4.563%)...	3959
B.V.W.S.D. ENTITLEMENT.....	77302
SEEPAGE LOSS.....	655
KERN RIVER CONDUIT ENTITLEMENT.....	38720
HACIENDA W.D. ENTITLEMENT AT FIRST POINT.....	31182
TOTAL.....	151818

DIVERSION RIGHT				GROSS	GROSS	RELEASES			ENTITLEMENT LESS RELEASES ... OR PLUS DISTRIBUTED RELEASES				EXCHANGES, SALES OR PURCHASES		NET DIVERSIONS				WATER TRANS. LOSS	
RIVER STAGE	AMT.	NAME OF CANAL		DIV'R	ENT'L	To River	Distribution Direct	Distribution Pro	NKWSD	KCC&W Co.	KDWD	OTHER	PLUS	LESS	NKWSD	KCC&W Co.	KDWD	OTHER	DIR	PRO
		K.C.L. Co. ENT'L @ 2ND PT.			3959				3959											
300.0	300	KERN ISLAND (1-ST)		23657	17851						17851			488			23169			
		EASTSIDE		2358										295			2063			
		KERN RIVER CONDUIT			38720					38720										
320.0	20	CASTRO			129		95													
		KCC&W Co.			353		294			871				5000					5528	
330.5	10.5	SOUTH FORK		38	250		125					375						38		
410.5	80	BUENA VISTA (1-ST)		4738	1942		54				1996			248			4490			
530.5	120	JAMES (1-ST)			2910		400		3310											
550.5	20	ANDERSON (1-ST)			482		48		530											
700.5	150	STINE		5086	3637	203					3434			778			4308			
730.5	30	MEACHAM			730		71		801											
880.5	150	FARMERS		2794	3637	816					2821						2794			
920.5	40	PLUNKET			974		38		1012											
960.5	40	JOYCE			974		6		980											
1000.5	40	JOHNSON			974				974											
1130.5	130	PIONEER (1-ST)			3155				3155											
1190.5	60	BEARDSLEY (1-ST)		777	1454							1454						777		
		LERDO (NKWSD)		36693									5000	5967	18695	9333		2535		
1200.5	10	ANDERSON (2-ND)			236				236											
1240.5	40	JAMES & DIXON			974				974											
1250.5	10	WILSON			141															
		KCC&W Co.			95					236										
1276.5	26	McCAFFREY			627				627											
		McCORD	LERDO 30%		728				728											
1376.5	100		BEARDSLEY 70%		1698							1698								
		CALLOWAY	CENTRAL 20%	3525	4124					4124						3525			1046	
2226.5	850		NKWSD 80%	15034	16496				16496						13569					
		RAILROAD	KCC&W Co. 20%		972					972										
2426.5	200		NKWSD 80%		3883				3883											
2516.5	90	BUENA VISTA (2-ND)			2184	112					2072									
2696.5	180	JAMES (2-ND)			4364				4364											
2866.5	170	PIONEER (2-ND)			4094				4094											
3106.5	240	BEARDSLEY (3-RD)			5300							5300								
3162.5	56	KERN ISLAND (2-ND)			1166						1166									
		ROSEDALE RBWSD		15597										2304		13293				
		TRUXTUN LAKES		179												179				
		NORTH LAKE		170										170						
		COUNTY OF KERN														153				
		KERN VALLEY GOLF COURSE														31				
		CALIFORNIA WATER SERVICE CO.														1398				
		OLCESE WD														114				
		2800 ACRE SPREADING		14523												14523				
		PIONEER PROJECT		10374										10374						
		CITY FOR WEST KERN WD		3231												3231				
		CITY FOR BVWSD		153												153				
		BVWSD VIA/ FOR KDWD											3758							
		BVWSD VIA KDWD (MWD WATER)											1026							
		BVWSD VIA RRBWSD											2304							
		BVWSD VIA PIONEER PROJECT											7960						391	
		BVWSD FOR LaHACIENDA INC.											139	139						
		BVWSD FOR CWD											2894							
		BVWSD VIA NKWSD											3073							
		NKWSD FOR ID4											2860						2860	
		ROSEDALE RANCH ID														1628				
TOTALS			1835	138927	129213	1131	1131	0	46123	44923	29340	8827	29014	25763	32264	47561	36824	3350	9825	0
		LOSS		10480	655														9825	
		FLOW AT FIRST POINT	1835	148407	129868															

ISABELLA RESERVOIR

IN	PREVIOUS BALANCE	LOSS	OUT	CURRENT BALANCE
0	18000	243	6215	11542
0	0	0	0	0
333	89067	1384	14545	73471
339	2089		2	2426
163	11000	179	585	10399
75	9000	147	949	7979
87	6000	99	60	5928
5140	16947	330	0	21757
20442	125510	2337	4443	139172
26579	277613	4719	26799	272674

TOTAL CHANGE IN STORAGE = -4939

NOTES:

Kern Island Exch. Less: from BVWSD=	488
Eastside Exch. Less: from BVWSD=	295
Buena Vista Exch. Less: from BVWSD (MWD)	248
Stine Exch. Less: from BVWSD (MWD)=	778
Pion. Proj. Exch. Less: KDWD from BVWSD=	2975
RRBWSD: City to RRBWSD=	13293
RRBWSD Exch. Less: BVWSD via RRBWSD=	2304
North Lake: BVWSD via Pioneer Project =	170
Lerdo (NKWSD): City to CWD (Misc.)=	2893
Lerdo (NKWSD): City to CWD (Basic)=	6440
Lerdo (NKWSD) Other: KRC&I 30% Ent'l=	2535
Lerdo Exch. Plus: City to NKWSD (Basic)=	5000
Lerdo Exch. Less: BVWSD via CWD=	2894
Cally. (Central): City to K-TWD =	3065
Cally. (Central): City to RGWD =	460
River Loss: City to K-TWD =	910
River Loss: City to RGWD =	136
Truxtun Lakes: City to K-TWD =	155
Truxtun Lakes: City to RGWD =	24
River Loss: NKWSD for ID4 =	2860
River Loss: BVWSD via Pioneer Project =	391

CITY OF BAKERSFIELD

KERN RIVER FIRST POINT FLOW AND DIVERSION RECORD

Date: July 2005 Recap

COMPUTED NATURAL FLOW AT FIRST POINT.....	129182
LESS NON-CONTRIBUTING CANALS.....	18446
FOR OTHERS AND FIRST POINT CANALS.....	110736
TO BE CONTRIBUTED BY OTHER CANALS.....	80739
TO BE USED BY OTHER CANALS.....	29997
EACH OTHER CANAL TO RECEIVE.....	N/A % OF IT'S DIVERSION RIGHT

QUANTITIES IN: ACRE-FEET

K.C.L. CO. ENTITLEMENT AT SECOND POINT (4.563%)...	1763
B.V.W.S.D. ENTITLEMENT.....	33586
SEEPAGE LOSS.....	676
KERN RIVER CONDUIT ENTITLEMENT.....	26734
HACIENDA W.D. ENTITLEMENT AT FIRST POINT.....	17980
TOTAL.....	80739

DIVERSION RIGHT				GROSS	GROSS	RELEASES			ENTITLEMENT LESS RELEASES				EXCHANGES, SALES		NET DIVERSIONS				WATER TRANS. LOSS	
RIVER STAGE	AMT.	NAME OF CANAL		DIV'R	ENT'L	To River	Distribution Direct	Distribution Pro	... OR PLUS DISTRIBUTED RELEASES NKWSD	KCC&W Co.	KDWD	OTHER	OR PURCHASES PLUS	OR PURCHASES LESS	NKWSD	KCC&W Co.	KDWD	OTHER	DIR	PRO
		K.C.L. Co. ENT'L @ 2ND PT.			1763				1763											
300.0	300	KERN ISLAND (1-ST)		23308	18446						18446			720			22588			
		EASTSIDE		2668										337			2331			
		KERN RIVER CONDUIT			26734					26734										
320.0	20	CASTRO			93		61													
		KCC&W Co.			222		195			571				5000					5675	
330.5	10.5	SOUTH FORK		18	159		63					222						18		
410.5	80	BUENA VISTA (1-ST)		7408	1242		28				1270			178			7230			
530.5	120	JAMES (1-ST)			1864				1864											
550.5	20	ANDERSON (1-ST)			315				315											
700.5	150	STINE		6462	2325						2325			651			5811			
730.5	30	MEACHAM			466				466											
880.5	150	FARMERS		3788	2325	347					1978						3788			
920.5	40	PLUNKET			621				621											
960.5	40	JOYCE			621				621											
1000.5	40	JOHNSON			621				621											
1130.5	130	PIONEER (1-ST)			2003				2003											
1190.5	60	BEARDSLEY (1-ST)		958	912							912						958		
		LERDO (NKWSD)		38005									5000	6020	24819	6400		766		
1200.5	10	ANDERSON (2-ND)			145				145											
1240.5	40	JAMES & DIXON			595				595											
1250.5	10	WILSON			91															
		KCC&W Co.			54					145										
1276.5	26	McCAFFREY			381				381											
		McCORD	LERDO 30%		432				432											
1376.5	100		BEARDSLEY 70%		1006							1006								
		CALLOWAY	CENTRAL 20%	3977	1857					1857						3977			579	
2226.5	850		NKWSD 80%	19400	7428				7428						17166					
		RAILROAD	KCC&W Co. 20%		262					262										
2426.5	200		NKWSD 80%		1043				1043											
2516.5	90	BUENA VISTA (2-ND)			502						502									
2696.5	180	JAMES (2-ND)			926				926											
2866.5	170	PIONEER (2-ND)			722				722											
3106.5	240	BEARDSLEY (3-RD)			633							633								
3162.5	56	KERN ISLAND (2-ND)			131						131									
		ROSEDALE RBWSD		17986										4919		13067				
		TRUXTUN LAKES		194												194				
		NORTH LAKE		184										184						
		COUNTY OF KERN														186				
		KERN VALLEY GOLF COURSE														38				
		CALIFORNIA WATER SERVICE CO.														1529				
		OLCESE WD														130				
		2800 ACRE SPREADING		11508												11508				
		PIONEER PROJECT		8045										8045					283	
		WEST KERN WD		7271										502		6769				
		CITY FOR BVWSD		208												208				
		CITY FOR COUNTY OF KERN		3001												3001				
		BVWSD VIA/ FOR KDWD											3977							
		BVWSD VIA KDWD (MWD WATER)											829							
		BVWSD VIA RRBWSD											4919							
		BVWSD VIA PIONEER PROJECT											5933						341	
		BVWSD FOR LaHACIENDA INC.											170	170						
		BVWSD FOR CWD											6020							
		NKWSD FOR ID4											3441						3441	
		NKWSD FOR NICKEL LLC											502							
		ARVIN-EDISON TURNOUT		1190												1190				46
		ROSEDALE RANCH ID														2234				
TOTALS			2053	155579	76940	347	347	0	19946	29569	24652	2773	30791	26726	41985	50431	41748	1742	10319	46
		LOSS		11040	676														10365	
FLOW AT FIRST POINT			2053	166619	77616															

ISABELLA RESERVOIR

IN	PREVIOUS BALANCE	LOSS	OUT	CURRENT BALANCE
0	11542	196	6342	5004
0	0	0	0	0
0	73471	1258	32162	40051
208	2426		4	2630
0	10399	177	5458	4764
0	7979	145	3486	4348
0	5928	118	1810	4000
956	21757	504	129	22080
4982	139172	2998	25964	115192
6146	272674	5396	75355	198069

TOTAL CHANGE IN STORAGE = -74605

NOTES:

Kern Island Exch. Less: from BVWSD=	720
Eastside Exch. Less: from BVWSD=	337
Buena Vista Exch. Less: from BVWSD (MWD)	178
Stine Exch. Less: from BVWSD (MWD)=	651
Pion. Proj. Exch. Less: KDWD from BVWSD=	2637
Pion. Proj. River Loss: KDWD from BVWSD=	283
RRBWSD: City to RRBWSD=	13067
RRBWSD Exch. Less: BVWSD via RRBWSD=	4919
North Lake: BVWSD via Pioneer Project =	184
Lerdo (NKWSD): City to CWD (Basic)=	6400
Lerdo (NKWSD) Other: KRC&I 30% Ent'l=	766
Lerdo Exch. Plus: City to NKWSD (Basic)=	5000
Lerdo Exch. Less: BVWSD via CWD=	6020
WKWD Exch. Less: NKWSD for Nickel LLC=	502
Cally. (Central): City to K-TWD =	3456
Cally. (Central): City to RGWD =	521
River Loss: City to K-TWD =	504
River Loss: City to RGWD =	75
Truxtun Lakes: City to K-TWD =	170
Truxtun Lakes: City to RGWD =	24
River Loss: NKWSD for ID4 =	3441
River Loss: BVWSD via Pioneer Project =	341

A-Edison T.O.: City to K-TWD (1004); City to RGWD (186)

Trans. Loss (Pro.): City to K-TWD (40); City to RGWD (6)

CITY OF BAKERSFIELD
KERN RIVER FIRST POINT FLOW AND DIVERSION RECORD

Date: August 2005 Recap

COMPUTED NATURAL FLOW AT FIRST POINT.....	48311
LESS NON-CONTRIBUTING CANALS.....	18446
FOR OTHERS AND FIRST POINT CANALS.....	29865
TO BE CONTRIBUTED BY OTHER CANALS.....	25134
TO BE USED BY OTHER CANALS.....	4731
EACH OTHER CANAL TO RECEIVE.....	N/A % OF IT'S DIVERSION RIGHT

QUANTITIES IN: ACRE-FEET

K.C.L. CO. ENTITLEMENT AT SECOND POINT (4.563%)...	460
B.V.W.S.D. ENTITLEMENT.....	9505
SEEPAGE LOSS.....	676
KERN RIVER CONDUIT ENTITLEMENT.....	14493
HACIENDA W.D. ENTITLEMENT AT FIRST POINT.....	0
TOTAL.....	25134

DIVERSION RIGHT				GROSS	GROSS	RELEASES			ENTITLEMENT LESS RELEASES				EXCHANGES, SALES		NET DIVERSIONS				WATER TRANS. LOSS	
RIVER STAGE	AMT.	NAME OF CANAL		DIV'R	ENT'L	To River	Distribution Direct	Distribution Pro	... OR PLUS DISTRIBUTED RELEASES NKWSD	KCC&W Co.	KDWD	OTHER	OR PURCHASES PLUS	LESS	NKWSD	KCC&W Co.	KDWD	OTHER	DIR	PRO
		K.C.L. Co. ENT'L @ 2ND PT.			460				460											
300.0	300	KERN ISLAND (1-ST)		22525	18446						18446			1813			20712			
		EASTSIDE		2338										1236		4	1098			
		KERN RIVER CONDUIT			14493					14493										
320.0	20	CASTRO			36															
		KCC&W Co.			101					137				10000					804	
330.5	10.5	SOUTH FORK		18	73							73						18		
410.5	80	BUENA VISTA (1-ST)		4869	567						567			180			4689			
530.5	120	JAMES (1-ST)			851				851											
550.5	20	ANDERSON (1-ST)			137				137											
700.5	150	STINE		5590	1063						1063			1178			4412			
730.5	30	MEACHAM			210				210											
880.5	150	FARMERS		2872	984						984			214			2658			
920.5	40	PLUNKET			218				218											
960.5	40	JOYCE			161				161											
1000.5	40	JOHNSON			87				87											
1130.5	130	PIONEER (1-ST)			131				131											
1190.5	60	BEARDSLEY (1-ST)		772	42							42						772		
		LERDO (NKWSD)		36667									10000	5119	23922	6400		14		
1200.5	10	ANDERSON (2-ND)			8				8											
1240.5	40	JAMES & DIXON			28				28											
1250.5	10	WILSON			4															
		KCC&W Co.			4					8										
1276.5	26	McCAFFREY			18				18											
		McCORD	LERDO 30%		2				2											
1376.5	100		BEARDSLEY 70%		6							6								
		CALLOWAY	CENTRAL 20%	4403										910		3493			1073	
2226.5	850		NKWSD 80%	3374											2613					
		RAILROAD	KCC&W Co. 20%																	
2426.5	200		NKWSD 80%																	
2516.5	90	BUENA VISTA (2-ND)																		
2696.5	180	JAMES (2-ND)																		
2866.5	170	PIONEER (2-ND)																		
3106.5	240	BEARDSLEY (3-RD)																		
3162.5	56	KERN ISLAND (2-ND)																		
		ROSEDALE RBWSD		14432										14432						
		TRUXTUN LAKES		184												184				
		NORTH LAKE		101										101						
		COUNTY OF KERN														191				
		KERN VALLEY GOLF COURSE														29				
		CALIFORNIA WATER SERVICE CO.														1689				
		OLCESE WD														140				
		2800 ACRE SPREADING		2390										2390						
		PIONEER PROJECT		6046										6046					641	
		WEST KERN WD		2230										2230						
		CITY FOR BVWSD		1639												1639				
		CITY FOR COUNTY OF KERN		406												406				
		BVWSD VIA/ FOR KDWD											3304							
		BVWSD VIA KDWD (MWD WATER)											4391							
		BVWSD VIA RRBWSD											14432							
		HACIENDA WD FOR KCWA											13010						1166	
		BVWSD FOR La HACIENDA INC.											174	174						
		BVWSD FOR CWD											5119							
		NKWSD FOR ID4											3312						3312	
		NKWSD FOR NICKEL LLC											3854						1624	
		ARVIN-EDISON TURNOUT		4830										4830						
		ROSEDALE RANCH ID														1973				
TOTALS			2223	115686	38130	0	0	0	2311	14638	21060	121	57596	50853	26535	16148	33569	804	8620	0
		LOSS		9297	676														8620	
FLOW AT FIRST POINT			2223	1404983																

ISABELLA RESERVOIR

IN	PREVIOUS BALANCE	LOSS	OUT	CURRENT BALANCE
315	5004	73	3679	1567
0	0	0	0	0
1550	40051	724	14937	25940
63	2630		8	2685
0	4764	61	4122	581
0	4348	61	3349	938
79	4000	81	1753	2245
16	22080	524	754	20818
8769	115192	2600	30159	91202
10792	198069	4124	58761	145976

TOTAL CHANGE IN STORAGE = -52093

NOTES:

Kern Island Exch. Less: from BVWSD=	198
Kern Island Exch. Less: from BVWSD (MWD)=	1615
Eastside Exch. Less: from BVWSD=	32
Eastside Exch. Less: from BVWSD (MWD)=	1204
Buena Vista Exch. Less: from BVWSD (MWD)	180
Stine Exch. Less: from BVWSD (MWD)=	1178
Farmers Exch. Less: from BVWSD (MWD)=	214
Pion. Proj. Exch. Less: KDWD from BVWSD=	805
Pion. Proj. River Loss: KDWD from BVWSD=	641
RRBWSD Exch. Less: BVWSD via RRBWSD=	14432
North Lake Exch. Less: HWD for KCWA =	101
Pion. Proj. Exch. Less: HWD for KCWA=	5241
2800 Ac. Spdg.: HWD for KCWA (1400); KDWD Pion. (990)	
Lerdo (NKWSD): City to CWD (Basic)=	6400
Lerdo (NKWSD) Other: KRC&I 30% Ent'l=	14
Lerdo Exch. Plus: City to NKWSD (Basic)=	10000
Lerdo Exch. Less: BVWSD via CWD=	5119
WKWD Exch. Less: NKWSD for Nickel LLC=	2230
Eastside (KCC&W Co.): City Misc.=	4
Cally. Exch Less: HWD for KCWA (591); KDWD Pion. (319)	
Cally. (Central): City to K-TWD =	3038
Cally. (Central): City to RGWD =	455
River Loss: City to K-TWD =	932
River Loss: City to RGWD =	141
Truxtun Lakes: City to K-TWD =	160
Truxtun Lakes: City to RGWD =	24
River Loss: NKWSD for ID4 =	3312
River Loss: NKWSD for Nickel LLC =	1624
A-Edison TO: HWD for KCWA (4511); KDWD Pion. (319)	
River Loss: HWD for KCWA =	1166

CITY OF BAKERSFIELD
KERN RIVER FIRST POINT FLOW AND DIVERSION RECORD

Date: September 2005 Recap

COMPUTED NATURAL FLOW AT FIRST POINT.....	25615
LESS NON-CONTRIBUTING CANALS.....	17851
FOR OTHERS AND FIRST POINT CANALS.....	7764
TO BE CONTRIBUTED BY OTHER CANALS.....	655
TO BE USED BY OTHER CANALS.....	7109
EACH OTHER CANAL TO RECEIVE.....	N/A % OF IT'S DIVERSION RIGHT

QUANTITIES IN: ACRE-FEET

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

DIVERSION RIGHT				GROSS	GROSS	RELEASES			ENTITLEMENT LESS RELEASES ... OR PLUS DISTRIBUTED RELEASES				EXCHANGES, SALES OR PURCHASES		NET DIVERSIONS				WATER TRANS. LOSS	
RIVER STAGE	AMT.	NAME OF CANAL		DIV'R	ENT'L	To River	Distribution Direct	Distribution Pro	NKWSD	KCC&W Co.	KDWD	OTHER	PLUS	LESS	NKWSD	KCC&W Co.	KDWD	OTHER	DIR	PRO
		K.C.L. Co. ENT'L @ 2ND PT.																		
300.0	300	KERN ISLAND (1-ST)		10285	17851	7864					9987			1279			9006			
		EASTSIDE		1154										1152		2				
		KERN RIVER CONDUIT																		
320.0	20	CASTRO			284		14													
		KCC&W Co.			767		114			1179				3347					(1)	
330.5	10.5	SOUTH FORK		24	555		66					621						24		
410.5	80	BUENA VISTA (1-ST)		2781	3398	1170	843				3071			653			2128			
530.5	120	JAMES (1-ST)			2105		3955		6060											
550.5	20	ANDERSON (1-ST)					581		581											
700.5	150	STINE		3340			1671				1671			2249			1091			
730.5	30	MEACHAM					545		545											
880.5	150	FARMERS		2026			1158				1158			656			1370			
920.5	40	PLUNKET					79		79											
960.5	40	JOYCE					8		8											
1000.5	40	JOHNSON																		
1130.5	130	PIONEER (1-ST)																		
1190.5	60	BEARDSLEY (1-ST)		545														545		
		LERDO (NKWSD)		22195										7594	14601					
1200.5	10	ANDERSON (2-ND)																		
1240.5	40	JAMES & DIXON																		
1250.5	10	WILSON																		
		KCC&W Co.																		
1276.5	26	McCAFFREY																		
		McCORD LERDO 30%																		
1376.5	100	BEARDSLEY 70%																		
		CALLOWAY CENTRAL 20%		2952												2952			419	
2226.5	850	NKWSD 80%																		
		RAILROAD KCC&W Co. 20%																		
2426.5	200	NKWSD 80%																		
2516.5	90	BUENA VISTA (2-ND)																		
2696.5	180	JAMES (2-ND)																		
2866.5	170	PIONEER (2-ND)																		
3106.5	240	BEARDSLEY (3-RD)																		
3162.5	56	KERN ISLAND (2-ND)																		
		ROSEDALE RBWSD		11506										11506						
		TRUXTUN LAKES		179												179				
		NORTH LAKE		89										89						
		COUNTY OF KERN														158				
		KERN VALLEY GOLF COURSE														20				
		CALIFORNIA WATER SERVICE CO.														1427				
		OLCESE WD														100				
		2800 ACRE SPREADING		833										833						
		PIONEER PROJECT		4089										4089					54	
		CITY to HWD (Trans. Loss Assignment)											3347							
		BVWSD VIA PIONEER PROJECT											591							
		CITY FOR COUNTY OF KERN		746												746				
		BVWSD VIA/ FOR KDWD											4683						605	
		BVWSD VIA KDWD (MWD WATER)											5729							
		BVWSD VIA RRBWSD											11506							
		HACIENDA WD FOR KCWA											8026						5285	
		BVWSD FOR La HACIENDA INC.											128	128						
		BVWSD FOR CWD											4980							
		NKWSD FOR CWD											2614							
		NKWSD FOR NICKEL LLC											1468						1468	
		ARVIN-EDISON TURNOUT		2085										2085						
		ROSEDALE RANCH ID																		
TOTALS			1833	64829	24960	9034	9034	0	7273	1179	15887	621	43072	35660	14601	5584	13595	569	7830	0
		LOSS		8486	655														7830	
FLOW AT FIRST POINT			1833	73315	25615															

ISABELLA RESERVOIR

IN	PREVIOUS BALANCE	LOSS	OUT	CURRENT BALANCE
981	1567	48	0	2500
0	0	0	0	0
0	25940	471	8170	17299
597	2685		0	3282
943	581	24	0	1500
1063	938	18	483	1500
738	2245	33	950	2000
0	20818	419	545	19854
0	91202	1715	11410	78077
4322	145976	2728	21558	126012

TOTAL CHANGE IN STORAGE = -19964

NOTES:

Kern Island Exch. Less: from BVWSD=	200
Kern Island Exch. Less: from BVWSD (MWD)=	1079
Eastside Exch. Less: from BVWSD=	60
Eastside Exch. Less: from BVWSD (MWD)=	1092
Buena Vista Exch. Less: from BVWSD (MWD)	653
Stine Exch. Less: from BVWSD (MWD)=	2249
Farmers Exch. Less: from BVWSD (MWD)=	656
River Loss: KDWD from BVWSD=	605
Pion. Proj. River Loss: KDWD from BVWSD=	54
RRBWSD Exch. Less: BVWSD via RRBWSD=	11506
North Lake Exch. Less: KDWD from BVWSD =	89
Pion. Proj. Exch. Less: HWD for KCWA=	1617
2800 Acre Spdg.: KDWD Pion. from BVWSD=	391
2800 Acre Spdg.: BVWSD Pioneer=	442
Pion. Proj. Exch. Less: KDWD from BVWSD=	2323
Lerdo Exch. Less: BVWSD via CWD=	4980
Lerdo Exch. Less: NKWSD via CWD=	2614
Pion. Proj. Exch. Less: BVWSD Pioneer=	149
Eastside (KCC&W Co.): City Misc.=	2
Cally. (Central): City to K-TWD =	2573
Cally. (Central): City to RGWD =	379
River Loss: City to K-TWD =	365
River Loss: City to RGWD =	54
Truxtun Lakes: City to K-TWD =	157
Truxtun Lakes: City to RGWD =	22
River Loss: HWD for KCWA =	5285
River Loss: NKWSD for Nickel LLC =	1468
A-Edison TO: HWD for KCWA=	1124
A-Edison TO: KDWD Pion. from BVWSD=	961

CITY OF BAKERSFIELD
KERN RIVER FIRST POINT FLOW AND DIVERSION RECORD

Date: October 2005 Recap

COMPUTED NATURAL FLOW AT FIRST POINT.....	23800
LESS NON-CONTRIBUTING CANALS.....	18446
FOR OTHERS AND FIRST POINT CANALS.....	5354
TO BE CONTRIBUTED BY OTHER CANALS.....	676
TO BE USED BY OTHER CANALS.....	4678
EACH OTHER CANAL TO RECEIVE.....	N/A % OF IT'S DIVERSION RIGHT

QUANTITIES IN: ACRE-FEET

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

DIVERSION RIGHT				GROSS	GROSS	RELEASES			ENTITLEMENT LESS RELEASES ... OR PLUS DISTRIBUTED RELEASES				EXCHANGES, SALES OR PURCHASES		NET DIVERSIONS				WATER TRANS. LOSS	
RIVER STAGE	AMT.	NAME OF CANAL		DIV'R	ENT'L	To River	Distribution Direct	Distribution Pro	NKWSD	KCC&W Co.	KDWD	OTHER	PLUS	LESS	NKWSD	KCC&W Co.	KDWD	OTHER	DIR	PRO
		K.C.L. Co. ENT'L @ 2ND PT.																		
300.0	300	KERN ISLAND (1-ST)		4834	18446	13669					4777			97			4737			
		EASTSIDE		238										238						
		KERN RIVER CONDUIT																		
320.0	20	CASTRO			294		14													
		KCC&W Co.			756		166			1230									170	
330.5	10.5	SOUTH FORK		14	555		89					644						14		
410.5	80	BUENA VISTA (1-ST)		1297	2606	1969	22				659			662			635			
530.5	120	JAMES (1-ST)			425		6952		7377											
550.5	20	ANDERSON (1-ST)			38		1152		1190											
700.5	150	STINE		1845	4		1224				1228			669			1176		28	
730.5	30	MEACHAM					1547		1547											
880.5	150	FARMERS		983			434				434			75			908			
920.5	40	PLUNKET					1384		1384											
960.5	40	JOYCE					1212		1212											
1000.5	40	JOHNSON					970		970											
1130.5	130	PIONEER (1-ST)					472		472											
1190.5	60	BEARDSLEY (1-ST)		306														306		
		LERDO (NKWSD)		26003										4897	21106					
1200.5	10	ANDERSON (2-ND)																		
1240.5	40	JAMES & DIXON																		
1250.5	10	WILSON																		
		KCC&W Co.																		
1276.5	26	McCAFFREY																		
		McCORD	LERDO 30%																	
1376.5	100		BEARDSLEY 70%																	
		CALLOWAY	CENTRAL 20%	2817										2817						
2226.5	850		NKWSD 80%																	
		RAILROAD	KCC&W Co. 20%																	
2426.5	200		NKWSD 80%																	
2516.5	90	BUENA VISTA (2-ND)																		
2696.5	180	JAMES (2-ND)																		
2866.5	170	PIONEER (2-ND)																		
3106.5	240	BEARDSLEY (3-RD)																		
3162.5	56	KERN ISLAND (2-ND)																		
		ROSEDALE RBWSD		3493										3493						
		TRUXTUN LAKES		153										153						
		NORTH LAKE		134										134						
		COUNTY OF KERN														118				
		KERN VALLEY GOLF COURSE														12				
		CALIFORNIA WATER SERVICE CO.														1231				
		OLCESE WD														56				
		2800 ACRE SPREADING		1648										1648						
		PIONEER PROJECT		3863										3863					462	
		BVWSD VIA PIONEER PROJECT											2109							
		BVWSD VIA/ FOR KDWD											931						169	
		BVWSD VIA KDWD (MWD WATER)											785							
		BVWSD VIA RRBWSD											3493							
		HACIENDA WD FOR KCWA											13729						6567	
		BVWSD FOR La HACIENDA INC.											83	83						
		BVWSD FOR CWD											4897							
		ROSEDALE RANCH ID																		
TOTALS			1500	47628	23124	15638	15638	0	14152	1230	7098	644	26027	18829	21106	1417	7456	320	7396	0
		LOSS		8072	676														7396	
		T FIRS T	15	700																

ISABELLA RESERVOIR

IN	PREVIOUS BALANCE	LOSS	OUT	CURRENT BALANCE
40	2500	40	0	2500
0	0	0	0	0
4	17299	325	361	16617
630	3282		0	3912
24	1500	24	0	1500
113	1500	24	89	1500
129	2000	26	603	1500
0	19854	309	306	19239
117	78077	1186	7071	69937
1057	126012	1934	8430	116705

TOTAL CHANGE IN STORAGE = -9307

NOTES:

Kern Island Exch. Less: from BVWSD=	97
Eastside Exch. Less: from BVWSD=	173
Eastside Exch. Less: from BVWSD (MWD)=	65
Buena Vista Exch. Less: from BVWSD =	73
Buena Vista Exch. Less: from BVWSD (MWD)	366
Buena Vista Exch. Less: from HWD (MWD)=	223
Stine Exch. Less: from BVWSD =	26
Stine Exch. Less: from BVWSD (MWD)=	294
Stine Exch. Less: from HWD (MWD)=	349
Farmers Exch. Less: from BVWSD=	12
Farmers Exch. Less: from BVWSD (MWD)=	60
Farmers Exch. Less: from HWD (MWD)=	3
Pion. Proj. Exch. Less: KDWD from BVWSD=	167
River Loss: KDWD from BVWSD=	169
Lerdo Exch. Less: BVWSD via CWD=	4897
RRBWSD Exch. Less: BVWSD via RRBWSD=	3493
N' Lake Exch. Less: KDWD from BVWSD=	36
North Lake Exch. Less: BVWSD Pioneer=	98
Pion. Proj. Exch. Less: HWD for KCWA=	2773
Pion. Proj. River Loss: HWD for KCWA=	462
Pion. Proj. Exch. Less: BVWSD Pioneer=	923
Cally. Exch. Less: HWD for KCWA =	2817
River Loss: HWD for KCWA =	6567
Truxtun Lakes Exch. Less: HWD for KCWA =	153
2800 Ac. Spdg.: KDWD Pion. From BVWSD=	178
2800 Ac. Spdg.: BVWSD Pioneer=	1088
2800 Ac. Spdg.: HWD for KCWA=	382

CITY OF BAKERSFIELD

KERN RIVER FIRST POINT FLOW AND DIVERSION RECORD

Date: November 2005 Recap

COMPUTED NATURAL FLOW AT FIRST POINT.....	21707
LESS NON-CONTRIBUTING CANALS.....	17851
FOR OTHERS AND FIRST POINT CANALS.....	3856
TO BE CONTRIBUTED BY OTHER CANALS.....	655
TO BE USED BY OTHER CANALS.....	3201
EACH OTHER CANAL TO RECEIVE.....	N/A % OF IT'S DIVERSION RIGHT

QUANTITIES IN: ACRE-FEET

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

DIVERSION RIGHT				GROSS	GROSS	RELEASES			ENTITLEMENT LESS RELEASES ... OR PLUS DISTRIBUTED RELEASES				EXCHANGES, SALES OR PURCHASES		NET DIVERSIONS				WATER TRANS. LOSS	
RIVER STAGE	AMT.	NAME OF CANAL		DIV'R	ENT'L	To River	Distribution Direct	Distribution Pro	NKWSD	KCC&W Co.	KDWD	OTHER	PLUS	LESS	NKWSD	KCC&W Co.	KDWD	OTHER	DIR	PRO
		K.C.L. Co. ENT'L @ 2ND PT.																		
300.0	300	KERN ISLAND (1-ST)		3710	17851	14141					3710			63			3647		32	
		EASTSIDE		393										393						
		KERN RIVER CONDUIT																		
320.0	20	CASTRO			260		38													
		KCC&W Co.			682		210			1190			3936						167	
330.5	10.5	SOUTH FORK			481		143					624		3936						
410.5	80	BUENA VISTA (1-ST)		407	1778	1260	4				522						407			97
530.5	120	JAMES (1-ST)					7140		7140											
550.5	20	ANDERSON (1-ST)					1190		1190											
700.5	150	STINE		1264			1371				1371						1264		61	28
730.5	30	MEACHAM					1583		1583											
880.5	150	FARMERS		210			198				198						210			
920.5	40	PLUNKET					1397		1397											
960.5	40	JOYCE					1206		1148	58										
1000.5	40	JOHNSON					770		644	126										
1130.5	130	PIONEER (1-ST)					151		56	95										
1190.5	60	BEARDSLEY (1-ST)		414														414		
		LERDO (NKWSD)		20989										2563	18147					
1200.5	10	ANDERSON (2-ND)																		
1240.5	40	JAMES & DIXON																		
1250.5	10	WILSON																		
		KCC&W Co.																		
1276.5	26	McCAFFREY																		
		McCORD	LERDO 30%																	
1376.5	100		BEARDSLEY 70%																	
		CALLOWAY	CENTRAL 20%	1428										1428						
2226.5	850		NKWSD 80%																	
		RAILROAD	KCC&W Co. 20%																	
2426.5	200		NKWSD 80%																	
2516.5	90	BUENA VISTA (2-ND)																		
2696.5	180	JAMES (2-ND)																		
2866.5	170	PIONEER (2-ND)																		
3106.5	240	BEARDSLEY (3-RD)																		
3162.5	56	KERN ISLAND (2-ND)																		
		ROSEDALE RBWSD																		
		TRUXTUN LAKES																		
		NORTH LAKE																		
		COUNTY OF KERN														83				
		KERN VALLEY GOLF COURSE														5				
		CALIFORNIA WATER SERVICE CO.														1218				
		OLCESE WD														34				
		2800 ACRE SPREADING																		
		PIONEER PROJECT		814										814					133	
		BVWSD VIA KDWD											393							
		BVWSD VIA KDWD (MWD WATER)											63							
		HACIENDA WD FOR KCWA											4450						2075	
		BVWSD FOR La HACIENDA INC.											39	39						
		BVWSD VIA CWD											2563							
		ROSEDALE RANCH ID														279				
TOTALS			1379	29629	21052	15401	15401	0	13158	1469	5801	624	11444	9236	18147	1619	5528	414	2468	125
		LOSS		3251	655														2593	
FLOW AT FIRST POINT			1379	32880	21707															

ISABELLA RESERVOIR				
IN	PREVIOUS BALANCE	LOSS	OUT	CURRENT BALANCE
31	2500	31	0	2500
0	0	0	0	0
3942	16617	254	323	19982
604	3912		3916	600
18	1500	18	0	1500
26	1500	18	8	1500
16	1500	18	28	1470
0	19239	234	414	18591
1291	69937	801	6280	64147
5928	116705	1374	10969	110290

TOTAL CHANGE IN STORAGE = -6415

NOTES:

Kern Island Exch. Less: from BVWSD (MWD)= 63

Eastside Exch. Less: from BVWSD= 393

Lerdo Exch. Less: BVWSD via CWD= 2563

Pion. Proj. Exch. Less: HWD for KCWA= 814

Pion. Proj. River Loss: HWD for KCWA= 133

Cally. Exch. Less: HWD for KCWA = 1428

River Loss: HWD for KCWA = 2075

NKWSD/KCC&W Co. Ent'l: Reflects release to City (due to inability to divert natural flow ent'l) = 279

South Fork transfer to City: In excess of carryover storage requirement= 3936

CITY OF BAKERSFIELD
KERN RIVER FIRST POINT FLOW AND DIVERSION RECORD

Date: December 2005 Recap

COMPUTED NATURAL FLOW AT FIRST POINT.....	33614
LESS NON-CONTRIBUTING CANALS.....	18446
FOR OTHERS AND FIRST POINT CANALS.....	15168
TO BE CONTRIBUTED BY OTHER CANALS.....	676
TO BE USED BY OTHER CANALS.....	14492
EACH OTHER CANAL TO RECEIVE.....	N/A % OF IT'S DIVERSION RIGHT

QUANTITIES IN: ACRE-FEET

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

DIVERSION RIGHT				GROSS	GROSS	RELEASES			ENTITLEMENT LESS RELEASES ... OR PLUS DISTRIBUTED RELEASES				EXCHANGES, SALES OR PURCHASES		NET DIVERSIONS				WATER TRANS. LOSS	
RIVER STAGE	AMT.	NAME OF CANAL		DIV'R	ENT'L	To River	Distribution Direct	Distribution Pro	NKWSD	KCC&W Co.	KDWD	OTHER	PLUS	LESS	NKWSD	KCC&W Co.	KDWD	OTHER	DIR	PRO
		K.C.L. Co. ENT'L @ 2ND PT.																		
300.0	300	KERN ISLAND (1-ST)		5378	18446	13062					5384			6			5372			
		EASTSIDE		145										145						
		KERN RIVER CONDUIT																		
320.0	20	CASTRO			308															
		KCC&W Co.			849		73			1230			4						113	
330.5	10.5	SOUTH FORK			603	603														
410.5	80	BUENA VISTA (1-ST)		135	4488	4212					276						135			133
530.5	120	JAMES (1-ST)			4393		2985		7378											
550.5	20	ANDERSON (1-ST)			442		788		1230											
700.5	150	STINE		970	1279	928	730				1081						970		61	42
730.5	30	MEACHAM			177		1604		1781											
880.5	150	FARMERS		161	867	854	186				199						161			
920.5	40	PLUNKET			157		1959		2116											
960.5	40	JOYCE			157		1827		1984											
1000.5	40	JOHNSON			157		1719		1876											
1130.5	130	PIONEER (1-ST)			277		4411		4688											
1190.5	60	BEARDSLEY (1-ST)		4	117		627					744						4		
		LERDO (NKWSD)		10913									2008	212	10117	538		46		
1200.5	10	ANDERSON (2-ND)			20		40		60											
1240.5	40	JAMES & DIXON			79		159		238											
1250.5	10	WILSON			12		24													
		KCC&W Co.			8		16			60										
1276.5	26	McCAFFREY			52		103		155											
		McCORD	LERDO 30%		14		164		178											
1376.5	100		BEARDSLEY 70%		36		381					417								
		CALLOWAY	CENTRAL 20%				373			373										
2226.5	850		NKWSD 80%	10274			1490		1490						10274				572	
		RAILROAD	KCC&W Co. 20%																	
2426.5	200		NKWSD 80%																	
2516.5	90	BUENA VISTA (2-ND)																		
2696.5	180	JAMES (2-ND)																		
2866.5	170	PIONEER (2-ND)																		
3106.5	240	BEARDSLEY (3-RD)																		
3162.5	56	KERN ISLAND (2-ND)																		
		ROSEDALE RBWSD																		
		TRUXTUN LAKES																		
		NORTH LAKE																		
		COUNTY OF KERN															52			
		KERN VALLEY GOLF COURSE																		
		CALIFORNIA WATER SERVICE CO.															832			
		OLCESE WD															23			
		2800 ACRE SPREADING																		
		GLEN GRUNDEIS															2			
		MICHAEL HARVICK															2			
		BVWSD VIA KDWD											151							
		RIVER WALK PARK		158													158			
		BVWSD FOR La HACIENDA INC.											11	11						
		BVWSD VIA CWD											212							
		HWD TRANSFER TO 1ST PT. GRP.												2002						
		BVWSD TRANSFER TO 1ST PT. GRP.												10						
TOTALS			922	28138	32938	19659	19659	0	23174	1663	6940	1161	2386	2386	20391	1607	6638	50	746	175
		LOSS		1594	676														921	
FLOW AT FIRST POINT			922	29732	33614															

ISABELLA RESERVOIR				
IN	PREVIOUS BALANCE	LOSS	OUT	CURRENT BALANCE
12	2500	12	0	2500
0	0	0	0	0
644	19982	98	697	19831
0	600		0	600
8	1500	8	0	1500
8	1500	8	0	1500
52	1470	8	14	1500
1115	18591	91	4	19611
7347	64147	327	3128	68039
9186	110290	552	3843	115081

TOTAL CHANGE IN STORAGE = 4791

NOTES:

Kern Island Exch. Less: from BVWSD= 6
Eastside Exch. Less: from BVWSD= 145

Lerdo Exch. Less: BVWSD via CWD= 212
Lerdo (NKWSD): City to CWD (Misc.)= 538
Lerdo (NKWSD) Other: KRC&I 30% Ent'l= 46

River Walk Park: City to RRBWSD (Misc.)= 158

HWD Transfer to 1st Pt. Group (NKWSD)= 2002
BVWSD Transfer to 1st Pt. Grp.: NKWSD (6); City (4)

ISABELLA RESERVOIR
KERN RIVER BASIN, CALIFORNIA
MIDNIGHT STORAGE

JANUARY

Units in acre-feet

Year	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
1954	318	318	318	318	318	319	319	319	319	318	318	319	318	318	318	317	318	319	328	322	318	317	317	425	564	371	359	354	353	348	347
1955	9659	9705	9751	9782	9828	9866	9897	9935	9981	10062	10103	10152	10160	10160	10177	10226	10209	10234	10209	10177	10177	10177	10168	10168	10168	10168	10168	10168	10168	10168	10177
1956	79823	80916	81717	82627	83262	83714	84353	84842	85218	85556	85932	86308	86729	87000	87350	87932	88358	88707	88978	89211	89521	89793	90181	90775	97873	103902	111558	114739	117165	118398	119727
1957	130263	130263	130213	130213	130162	130162	130162	130112	130062	130062	130062	130062	130413	130413	130413	130413	130313	130263	130263	130413	130413	130363	130313	130313	130363	130263	130263	130263	130213	130213	130263
1958	101413	101413	101370	101328	101328	101328	101328	101328	101286	101286	101244	101244	101201	101201	101159	101159	101117	101117	101074	101032	100990	100947	100947	101540	102302	103293	103728	103815	103815	103771	103711
1959	198047	197981	197916	197786	197786	198177	198112	198112	198112	198112	198112	198047	197916	197851	197786	197786	197721	197655	197655	197655	197590	197590	197525	197525	197460	197460	197395	197395	197199	197004	196874
1960	71575	71542	71509	71509	71542	71509	71509	71542	71542	71608	71805	71805	71838	71970	72036	72036	72036	72036	72036	72003	72036	72036	72003	72036	72036	72069	72069	72036	72036	72036	72003
1961	29101	29101	29082	29082	29082	29064	29064	29064	29045	29045	29027	29027	29010	29010	28992	28992	28974	28957	28957	28939	28921	28921	28903	28886	28886	28921	28939	28939	28921	28921	28903
1962	17524	17524	17511	17511	17498	17498	17486	17486	17486	17473	17448	17498	17498	17498	17486	17473	17473	17473	17524	17789	17827	17802	17751	17726	17688	17663	17650	17650	17650	17650	17650
1963	82849	82849	82811	82811	82744	82736	82736	82700	82663	82590	82590	82554	82518	82481	82445	82408	82408	82372	82336	82336	82299	82299	82299	82299	82263	82263	82226	82190	82263	82886	97873
1964	169983	169983	169922	169862	169801	169741	169621	169561	169502	169384	169384	169324	169206	169087	168909	168671	168552	168552	168552	168552	168849	169028	169028	169028	169028	168968	168909	168849	168849	168790	168671
1965	118683	118920	119490	120011	120628	121352	122427	122964	123403	123647	123842	124037	124135	124135	124232	124330	124428	124575	124770	124965	125161	125307	125502	126598	127201	127602	127853	128104	128305	128456	128606
1966	171193	171073	170891	170709	170588	170467	170346	170164	170043	169982	169982	169982	169982	169982	169922	169922	169922	169922	169862	169862	169862	169801	169740	169740	169740	169680	169680	169680	169621	169680	169621
1967	309662	306252	302286	297531	293058	288301	283427	278678	274286	270475	266925	263707	260283	257110	253885	250831	247799	244640	241578	238680	236521	235445	234229	233515	232447	231027	229753	228483	227780	228132	229612
1968	199871	199806	199806	199740	199740	199740	199675	199675	199675	199937	200265	200134	200199	200199	200199	200330	200330	200265	200265	200265	200265	200265	200330	200330	200265	200199	200265	200199	200134	200068	200134
1969	124431	124381	124381	124381	124431	124431	124381	124431	124381	124332	124283	124283	124578	124824	125120	125120	125070	125465	131851	137772	146487	152658	155603	165291	208151	230248	239620	244933	248167	250386	251946
1970	225326	225256	225046	224767	224697	224627	224697	224767	225256	225955	226516	226796	226796	227007	227850	238103	243033	243982	245153	246106	246621	247062	247257	247799	248389	248463	248610	249054	248980	248832	248832
1971	172219	172582	172703	172703	172703	172763	172884	173127	173309	173430	173612	173916	174220	174524	174707	175011	175377	176050	176907	177890	178876	179432	179494	179494	179432	179309	179247	179185	179062	179062	179123
1972	122089	122089	122089	122040	121992	121992	122089	122089	122040	121992	121992	121992	121992	122040	122040	122040	122040	121992	121992	121943	121943	121943	121895	121847	121847	121798	121750	121702	121702	121702	121605
1973	55645	55617	55645	55674	55617	55533	55449	55702	56409	56693	56922	57122	57380	57610	57812	58830	60930	62743	64529	65247	65907	66476	66889	67016	67080	67399	67463	67527	67431	67367	67431
1974	206281	206347	206414	206347	206414	206747	207148	207281	207415	207549	207616	208151	208955	209425	209761	210434	212545	214428	215860	217022	218257	218807	219220	219633	219633	219978	219978	220047	220116	220116	219978
1975	223930	224000	223930	223930	224000	224139	224278	224627	224837	224837	225116	225116	225116	225046	224906	224906	224906	224906	224906	224906	224906	224906	224767	224767	224488	224488	224418	224348	224139	223721	223303
1976	170131	170131	170190	170131	170190	170309	170368	170487	170546	170784	170724	170843	170962	171021	171140	171140	171259	171438	171557	171498	171498	171557	171498	171557	171557	171617	171617	171319	170724	170427	170309
1977	67668	67897	67930	67930	67930	67864	67668	67636	67570	67505	67440	67375	67343	67278	67245	67180	67148	67115	67050	67018	67050	67018	67018	66953	66953	66888	66856	66824	66759	66727	66598
1978	44060	44228	44543	44858	45029	45520	45989	46238	46612	47317	47800	48081	48389	49062	51900	54573	57458	58985	60480	61604	62248	62680	63083	63332	63456	63581	63738	63769	63832	63894	63926
1979	244755	244458	244606	244904	245203	245128	245203	245203	245352	245054	245652	246251	246624	246924	247599	247675	247750	247675	247599	247449	247299	246999	246849	246474	246251	246101	245502	245652	245427	245427	245278
1980	208970	208970	208700	208496	208360	208292	208224	208292	208632	209719	211015	227232	250310	274831	283991	288715	291750	294307	295879	296959	297542	297956	298039	298123	297956	297625	297375	297542	298039	297873	297292
1981	229741	229669	229669	229741	229741	229741	229669	229597	229669	229669	229597	229669	229741	229741	229669	229813	229813	229813	229741	229741	229669	229669	229669	229526	229382	229166	229166	229669	231109	231182	231543
1982	168984	169461	169520	169819	171619	172160	172100	171920	171920	171920	172100	172160	172220	172220	172220	172220	172100	172039	172220	172825	172825	172885	172946	173067	173370	173611	173914	174097	174401	174522	174644
1983	261325	261170	260938	260628	260396	260319	260242	260087	260010	260164	260551	261015	261558	262099	262332	262177	262254	262177	262177	262177	261944	264120	268344	272210	275707	277705	281402	284397	287000	289125	290764
1984	312967	313823	314423	315536	316654	317340	317771	318375	318807	318720	319755	320015	319842	320101	319842	319755	320015	319842	319562	319409	319064	318977	318289	317254	315708	314251	311261	309475	307017	304991	302636
1985	244979	244829	244680	244383	244085	243787	244085	244458	244531	244458	244531	244309	243936	243787	243564	243117	242671	242302	241931	242153	242671	243117	243489	243862	244085	243862	243862	243787	243787	243862	244085
1986	195579	195645	195841	196627	198664	199918	200513	200579	200712	200845	201044	201244	201377	201576	201643	201709	201843	201976	201976	202174	202241	202374	202308	202308	202374	202374	202374	202374	202574	204246	205724
1987	244011	243936	244011	244531	244680	245278	245427	245427	245352	245352	245352	245352	245427	245352	245427	245352	245203	245278	245502	245502	245502	245427	245502	245427	245352	245278	245054	244904	244755	244680	244606
1988	143030	143303	143464	143731	144538	145023	144969	145077	144969	144862	144808	144700	144754	144700	144592	144700	144862	144969	144969	145023	145023	144915	144969	144915	144915	144862	144862	144808	144700	144538	144431
1989	73477	73444	73342	73275	73241	73342	73275	73208	73208	73208	73208	73174	72973	72939	72906	72839	72839	72872	72939	72939	72973	72906	72872	72872	72772	72705	72705	72671	72504	72303	72004
1990	85902	85978	85940	85940	85902	85940	85940	86015	86015	85978	85978	85978	86129	86167	86015	86015	85940	85940	85940	85902	85902	85940	86015	86091	86015	85940	85789	85638	85488	85376	85263
1991	45990	45966	46086	46279	46351	46279	46158	46110	46086	46062	46014	46014	45966	45990	45966	45942	45919	45942	45942	45990	45990	45990	45966	45990	45990	45966	45966	45942	45919	45895	45871
1992	89615	89499	89421	89421	89538	89538	89771	89693	89576	89499	89383	89383	89267	89189	89228	89228	89305	89305	89305	89228	89150	89112	89073	89034	88957	88918	88918	88918	88918	88918	88879
1993	82226	82226	82262	82226	82153	82189	84217	87764	88957	89460	89810	90122	90512	91219	91889	92404	92962	93962	94566	94849	95416	95945	96517	96927	97256	97503	97750	97957	98164	98289	98413
1994	242450	242450	242376	242228	242153	242079	242079	242005	242005	242005	242005	241931	242931	242931	241857	241783	241783	241708	241708	241634	241634	241560	241634	241560	241486	241338	241264	241190	241116	240968	240600
1995	115538	115538	115492	116281	116421	116468	116795	117075	117496	119288	121865	124041	125750	127229	129770	131432	132446	133108	133721	134131	134747	135211	135829	136555	137386	138430	139323	140113	140801	141436	142075
1996	246474	246474	246399	246326	246326	246326	246326	246251	246176	246101	246026	245951	245876	245801	245652	246774	249481	250009	251522	252127	252507	252811	252735	252963	253572	254027	254409	255096	255555	255860	256396
1997	253267	265992	301715	317599	327408	334267	339774	344518	348663	352286	355475	358861	361985	364569	367906	370602	373123	375559	377814	380549	383104	386429	392159	396487	404136	414614	421737	427018	430625	432936	434546
1998	242671	242820	243043	243266	243266	243117	243043	243043	243415	243787	244011	244383	244829	244755	245203	246924	247299	246474	245876	244829	244309	244011	243862	243638	243489	243340	243043	242599	242450	242228	242005
1999	244829	244904	244829	244829	244829	244755	244755	244829	244755	244755	244680	244606	244680	244755	244755	244680	244755	244829	245278	246849	247750	247675	247599	247825	248576	249103	249103	248953	248802	248726	248651
2000	168448	167854	167794	167735	167735	167676	167735	167735	167676	167616	167616	167616	167735	167794	167854	167854	167913	167972	167913	167676	167321	166907	166493	166729	167380	167735	167735	167557	167321	167203	167616
2001	129569	129569	129569	129569	129620	129620	129620	129670	129670	129770	130323	130273	130273	130222	130172	130122	130122	130071	130222	130273	130222	130172	130172	130273	130323	130424	130323	130273	130222	130222	130172
2002	106607	106959	107222	107398	107487	107575	107663	107796	107840	107840	107796	107796	107796	107752	107708	107663	107575	107619	107531	107575	107531	107531	107531	107442	107398	107354	107487	107487	107487	107442	107487
2003	138326	138430	138640	138850	139060	139218	139271	139428	139585	139743	139954	140060	140113	140166	140324	140430	140536	140695	140854	140958	141011	141117	141171	141277	141436	141596	141649	141755	141862	141915	142022
2004	148615	148780	148890	148835	148780	148725	148835	148890	148890	148945	149054	149274	149494	149715	149880	150101	150322	150376	150487	150709	150819	150875	150819	150764	150764	150764	150819	151041	151152	151208	151263
2005	94123	94123	94123	94123	94083	94043	94083	94123	98703	106739	114429	117778	119288	120285	120953	121432	121913	122345	122732	123166	123797	124478	124967	125555	126538	127477	128620	129369	129971	130424	130775
Max.	**312967**	**313823**	**314423**	**317599**	**327408**	**334267**	**339774**	**344518**	**348663**	**352286**	**355475**	**358861**	**361985**	**364569**	**367906**	**370602**	**373123**	**375559**	**377814**	**380549**	**383104**	**386429**	**392159**	**396487**	**404136**	**414614**	**421737**	**427018**	**430625**	**432936**	**434546**
Min.	**318**	**318**	**318**	**318**	**318**	**319**	**319**	**319**	**319**	**318**	**318**	**319**	**318**	**318**	**318**	**317**	**318**	**319**	**328**	**322**	**318**	**317**	**317**	**425**	**564**	**371**	**359**	**354**	**353**	**348**	**347**
Ave.	**151235**	**151470**	**152124**	**152426**	**152667**	**152809**	**152941**	**153078**	**153263**	**153534**	**153867**	**154373**	**154972**	**155559**	**155897**	**156375**	**156773**	**156988**	**157319**	**157615**	**157933**	**158226**	**158496**	**158918**	**160152**	**160957**	**161452**	**161766**	**161972**	**162126**	**162544**

ISABELLA RESERVOIR
KERN RIVER BASIN, CALIFORNIA
MIDNIGHT STORAGE

FEBRUARY

Units in acre-feet

Year	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
1954	344	342	340	336	336	335	333	335	336	333	332	334	534	510	397	380	377	388	375	368	365	363	357	353	351	350	346	344			
1955	10185	10160	10152	10152	10152	10152	10152	10160	10168	10177	10144	10144	10152	10161	10161	10193	11315	12134	12290	12392	12476	12559	12596	12606	12606	12606	12616	12626			
1956	120818	121596	122524	123208	123988	124770	125307	125845	126397	127050	127552	127954	128305	128506	128556	128606	128606	128656	128656	128707	128707	128707	128707	128707	128707	128707	128707	128606	128606		
1957	130263	130263	130213	130162	130162	130162	130313	130614	130715	130715	130815	130815	131021	131176	131279	131383	131486	131537	131537	131486	131486	131434	131537	131692	132362	132672	132826	133291			
1958	103771	104032	104119	104468	104773	104948	105122	105339	105470	105600	105644	105861	106123	106297	106471	106558	106689	106907	107395	107708	107931	108155	108379	108693	111696	113494	114416	114555			
1959	196678	196352	196222	196026	195831	195636	195571	195505	195375	195375	195571	195571	195701	195766	196092	196418	196808	197134	197264	197329	197329	197329	197264	197264	197264	197264	197264	197329			
1960	72849	75437	76031	76312	76454	76595	76700	77334	79896	80843	81535	82008	82372	82700	82924	83225	83413	83638	83864	84014	84127	84240	84353	84428	84503	84503	84503	84616	84729		
1961	28903	28886	28868	28868	28850	28833	28833	28833	28815	28815	28797	28780	28762	28762	28744	28744	28762	28709	28691	28691	28673	28656	28656	28656	28638	28638	28620	28620			
1962	17650	17638	17638	17638	17625	17613	17650	20332	23724	26937	31106	33986	35517	36644	37824	38994	39776	40449	41190	41789	42184	42627	42859	43138	43301	43371	43417	43394			
1963	127803	139518	144847	148359	150972	153046	154752	156287	157765	159911	161597	162876	164281	165468	166536	167426	168256	169028	169621	170346	170952	171436	171920	172404	172827	173312	173857	174280			
1964	168552	168434	168256	168019	167781	167544	167307	167070	166833	166595	166536	166476	166358	166239	166179	166179	166120	166061	166001	165883	165705	165408	165112	164756	164459	164162	163866	163631	163515		
1965	128757	128907	129058	129158	129309	129560	129660	129711	129711	129660	129610	129560	129510	129409	129309	129108	128857	128556	128205	127853	127251	126799	126347	125697	125063	124330	123988	123549			
1966	169680	169680	169680	169740	169982	170285	170406	170406	170406	170346	170224	170164	170164	170164	170104	170104	170104	170043	170043	169983	169983	169983	169922	169801	169502	169265	168909	168434			
1967	231665	233301	234801	236162	237527	238825	240199	241578	242815	244274	245813	247357	248980	250757	252170	253587	254633	255082	255608	255758	255758	255758	255532	255157	254708	254408	254184	253811			
1968	200068	200068	200068	200134	200002	199806	199675	199609	199675	199740	199806	199675	199544	199348	199086	198825	199348	199937	200068	200330	200658	201381	201908	202435	202831	203029	203162	203162	203162		
1969	253213	254409	255307	255983	256809	258543	259223	259904	260662	260586	259601	258845	257939	256584	256058	255532	254334	253064	251872	250312	248832	247062	246180	246841	251946	254708	255757	256358			
1970	249128	249349	249497	249720	249942	250164	250312	250535	250683	251277	251872	252244	252691	253288	253586	253810	254035	254334	254483	254633	254783	255008	255232	255532	255757	255983	256058	256734			
1971	179123	179123	179123	179062	178876	178876	178691	178506	178260	178013	177890	177706	177644	177521	177460	177460	177214	177030	176907	176907	176785	176478	176172	175622	175255	174768	174159	173551			
1972	121605	121557	121460	121412	121557	121702	121847	121798	121750	121702	121653	121557	121508	121412	121315	121122	121026	120833	120593	120401	120161	119970	119492	119015	118920	118540	118208	117736	117311		
1973	67495	67431	67367	67335	67463	67752	68170	68428	68558	68914	69926	70980	71712	72415	73022	73394	73768	74109	74417	74726	74932	75139	75381	75658	75832	76075	76354	77124			
1974	220047	220116	220116	219909	219909	219633	219427	219151	218738	218394	217845	217296	216954	216201	215587	214632	213952	212866	211784	210906	209828	208821	208084	207081	205814	204486	203624	202501			
1975	222886	222400	221637	221637	221499	221360	221084	220945	221084	221984	222192	222192	222261	222261	222192	222192	221984	221637	220807	220600	220254	219840	218669	217982	217091	216201	215177	214156			
1976	170131	169893	169420	169243	169065	169138	169302	169124	169716	169893	169953	169893	169834	169893	169893	169893	169953	169775	169953	170012	169953	169716	169302	169065	168711	168298	167769	167122	166829		
1977	66630	66598	66565	66533	66501	66436	66404	66276	66308	66308	66243	66179	66115	66051	65987	65922	65858	65794	65730	65571	65635	65698	65730	65698	65603	65507	65411	65220			
1978	63957	64020	64051	64051	64208	65252	67406	70783	82683	94425	99289	103270	106423	108783	110632	112410	113974	115460	116863	118278	119608	120996	122442	123850	125318	126550	127838	129436			
1979	245352	245577	245427	245352	245352	245427	245427	245502	245577	245502	245577	245577	246176	247900	249103	249556	249858	249858	250159	250537	251597	252355	252963	253267	253496	253877	254104	254409			
1980	296544	295796	295052	294307	293399	292574	291914	291011	289943	288633	287408	286103	284884	284072	283828	285372	289697	316138	333119	344878	354927	361708	366884	370975	373779	375935	378286	380927	383199		
1981	231686	231830	231903	232047	232120	232265	232265	232845	233641	234005	234151	234369	234515	234660	235098	235315	235972	237288	237508	238169	238169	238243	238243	238390	238463	238463	238096	237875			
1982	174766	174888	174583	174644	174279	173732	172825	172160	171258	170957	170597	170238	169700	169819	170119	173550	176353	177888	178936	179926	180795	181604	182354	182730	182979	193041	183230	183104			
1983	291832	292491	292821	292904	293317	295135	300040	304401	307441	309475	310750	312285	316568	319755	322006	324352	326270	328194	330300	331974	333561	335064	336570	337637	339061	342725	350200	357027			
1984	298623	296211	293565	290847	288224	285533	282858	280194	277625	276186	274752	273478	272051	271814	271024	271024	271418	271340	271261	270787	269918	269210	268423	267480	267325	266933	265992	265134	264354		
1985	244160	244458	244680	244829	244979	244904	244755	245128	245352	245427	245054	244829	244458	244085	243564	242969	242228	241634	240674	240230	239566	238905	238243	237582	236850	236118	235388	234660			
1986	206331	206736	206871	207275	207411	207614	207750	207817	208021	208360	208428	210197	224032	230532	238463	245352	250310	260087	274991	284803	290929	295550	299374	302720	306004	309220	312371	315450			
1987	244531	244458	244383	244309	244234	244160	244085	244011	243862	243862	244011	243862	244606	246251	246326	246326	246026	245652	245577	245427	245427	245128	245128	244979	244755	244383	244011	243713			
1988	144377	144377	144377	144269	144215	144108	144000	143785	143464	143250	142982	142661	142340	142128	141808	141596	141330	140905	140536	140113	139638	139113	138588	138013	137491	136970	136503	136296	136036		
1989	71606	71342	71342	71473	71573	71408	71342	71441	71539	71606	71506	71441	71375	71309	71243	71210	71177	71111	71276	71309	71276	71375	71606	71805	72004	72337	73040	73376			
1990	85113	85038	84851	84701	84590	84441	84329	84291	84254	84217	84180	83994	83845	83698	83550	83439	83365	83402	83291	82996	82849	82629	82446	82299	82080	81897	81679	81570			
1991	45847	45799	45799	45752	45728	45728	45704	45680	45656	45632	45585	45537	45561	45561	45561	45513	45465	45465	45442	45418	45418	45370	45370	45370	45347	45324	45300	45347			
1992	88763	88725	88686	88648	88570	88532	88493	88532	88570	88609	88686	89034	89228	89267	89383	89383	89421	89421	89305	89228	89305	89383	89460	89460	89388	89344	89344	89383	89421		
1993	98537	98662	98745	98828	98870	99037	99287	99915	100756	101433	101814	102155	102325	102496	102624	102709	102880	103180	103567	104473	104992	105471	106959	108327	109216	110156	110966	111418			
1994	240009	239271	238390	237949	237435	236850	236631	236850	236850	236850	236777	236777	236631	236484	236484	236411	236557	236777	236850	237070	236950	236557	236191	235972	235753	235534	235171	234660			
1995	142928	143946	144862	145726	146540	147357	148122	149054	149660	150156	150542	150930	151541	153998	155858	156992	157903	158704	159506	160368	161351	162336	163441	164553	165668	166788	167913	168925			
1996	256933	257317	257701	258161	261015	263265	264822	266071	267246	268226	269289	270313	271103	271893	272765	273637	274353	275150	277625	292244	299873	304823	307864	310494	312796	314849	316654	318116	319409		
1997	436061	437474	438284	438487	438687	438788	438588	438284	437879	437069	435758	434042	432432	430826	429019	427018	425222	423626	421637	418860	416094	413727	410879	407745	404526	401030	397837	394560			
1998	242302	244234	244606	244606	244160	243787	244160	244680	244531	244011	243489	243043	242376	245054	248877	250310	250840	250612	250612	250915	251825	257853	267715	274274	278106	280678	282696	283910			
1999	248500	248201	247675	247074	246474	245801	245352	245502	245352	245726	245352	244904	244531	244606	244755	244755	244979	245054	245203	245427	245502	245427	245352	245203	245054	244979	244979	244829			
2000	167794	167735	167676	167616	167616	167557	167499	167499	167440	167499	167735	167972	169222	171258	172764	173672	174157	174583	174766	175069	175619	175925	176597	176842	177149	177457	177826	178318	178688		
2001	130172	130222	130222	130222	130222	130172	129971	129870	129820	129870	130172	130172	130323	130323	130323	130474	130474	130373	130323	130323	130323	130323	130323	130826	130876	130927	130927	130927			
2002	107531	107531	107663	107708	107708	107752	107796	107885	107840	107796	107708	107708	107708	107663	107663	107575	107575	107663	107619	107663	107619	107575	107487	107398	107442	107398	107531	107619			
2003	142022	142182	142287	142182	142128	142022	141808	141649	141649	141702	141862	142554	143089	143677	144646	145401	146215	146812	147303	147738	148231	148780	149274	149770	150432	150986	151374	151652			
2004	151319	151597	151762	151985	152097	152208	152320	152487	152599	152711	152822	152990	153046	153102	153157	153269	153437	153717	153942	154111	154223	154336	154504	154616	155010	155970	156765	157389	157903		
2005	130977	131179	131382	131686	131989	132294	132548	132905	133159	133465	133670	133875	134131	134438	134747	135004	135314	136036	136919	137804	139008	140483	141649	142607	143410	144161	144808	145401			
Max.	**436061**	**437474**	**438284**	**438487**	**438687**	**438788**	**438588**	**438284**	**437879**	**437069**	**435758**	**434042**	**432432**	**430826**	**429019**	**427018**	**425222**	**423626**	**421637**	**418860**	**416094**	**413727**	**410879**	**407745**	**404526**	**401030**	**397837**	**394560**	**383199**		
Min.	**344**	**342**	**340**	**336**	**336**	**335**	**333**	**335**	**336**	**333**	**332**	**334**	**534**	**510**	**397**	**380**	**377**	**388**	**375**	**368**	**365**	**363**	**357**	**353**	**351**	**350**	**346**	**344**	**84729**		
Ave.	**163208**	**163592**	**163711**	**163793**	**163894**	**164027**	**164203**	**164497**	**164952**	**165387**	**165619**	**165822**	**166312**	**166788**	**167237**	**167659**	**168066**	**168920**	**169663**	**170439**	**170949**	**171400**	**171847**	**172182**	**172568**	**173052**	**173154**	**173388**	**184089**		

ISABELLA RESERVOIR
KERN RIVER BASIN, CALIFORNIA
MIDNIGHT STORAGE

MARCH

Units in acre-feet

Year	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
1954	342	342	341	336	331	331	331	331	623	569	492	434	374	360	357	369	384	387	379	390	403	390	387	399	408	407	417	455	463	521	487
1955	12626	12606	12596	12596	12596	12596	12606	12606	12606	12596	12532	12281	11948	11734	11507	11255	10917	10592	10266	9958	9667	9444	9237	9042	8862	8668	8495	8300	8139	7869	7453
1956	128456	128405	128355	128004	128004	128054	127903	127652	127301	126548	125946	125358	124330	123549	122524	121303	120391	119300	118778	118350	118350	118540	119110	119632	120296	121255	122329	123452	124526	125551	127150
1957	133291	133239	133188	133136	133033	133136	133136	133084	133033	132981	132878	132620	132620	132776	132776	132723	132620	132517	132414	132104	131898	131486	131125	130765	130464	130162	129861	129610	129309	128907	128456
1958	114555	114555	114601	114647	114647	114647	114693	114739	114739	114831	114923	115016	115062	115154	116168	117353	119680	121450	122720	124135	126448	129158	131176	132672	133961	135044	136131	137137	137877	138724	139836
1959	197329	197395	197460	197525	197460	197375	197329	197264	197069	196808	196483	196157	196026	195896	195636	195310	194854	194401	193825	193313	192672	192096	191648	191264	191008	190880	190880	190880	190880	190752	190688
1960	84804	84917	84992	85105	85218	85368	85706	86120	86458	86845	87078	87427	87893	88291	88513	88746	88823	88901	89017	89133	89327	89405	89444	89366	89250	89172	89366	90181	90735	91015	91414
1961	28603	28585	28567	28549	28549	28638	28620	28603	28603	28567	28532	28443	28319	28213	28266	28231	28213	28178	28160	28142	28142	28125	28107	28107	28142	28160	28160	28178	28213	28213	28195
1962	43371	43371	43371	43371	43371	43417	43440	43417	43394	43371	43324	43278	43278	43278	43231	43134	43045	42906	42697	42464	42115	41719	41055	40449	39798	39125	38192	37413	36790	36185	35621
1963	174764	175128	175491	175856	176103	176350	176659	176782	176967	177029	176967	176967	176967	176844	176597	176720	176720	176659	176659	176659	176782	176967	177029	177090	177214	177276	177399	179127	180855	181904	182701
1964	163282	163166	162817	162469	162004	161655	161307	160842	160376	160086	159679	159389	159214	158866	158691	158401	158227	157994	157822	157652	157538	157708	157708	157652	157595	157652	157708	157822	157936	158227	158633
1965	123110	122671	122329	121840	121352	120818	120248	119632	118873	118066	117924	118019	117924	117734	117450	117260	117117	117117	117117	117117	117117	117117	117117	117165	117165	117165	117212	117212	117260	117307	117402
1966	168019	167604	167070	166476	165823	165171	164518	163631	162934	162236	161597	160842	160086	159388	158633	157822	157083	156344	155776	155264	154742	154410	154183	154126	154070	154070	154070	154183	154410	154638	154979
1967	253512	253288	253064	253064	252989	252766	252542	252319	252021	251946	251872	251946	252170	252319	252393	253064	256133	258316	260358	262181	264012	265772	267463	269392	271018	272494	273974	275615	277105	278442	280335
1968	203228	203228	203095	202897	202435	201908	202435	202765	202765	202897	203029	203095	203095	203426	203691	204088	204419	204486	204618	204685	204618	204552	204552	204552	204552	204552	204685	204751	204950	205149	205415
1969	256809	256659	256433	255983	255232	253960	252244	250090	248167	246106	243909	241287	237959	233800	229188	224557	220392	216338	212595	208419	204486	200265	195896	192028	188074	184227	180733	177890	175866	174829	175133
1970	257261	257864	258165	258769	259374	259752	260207	260586	260889	261573	261877	262258	262486	262867	263248	263554	263859	264012	264012	263783	263554	263325	262943	262562	262182	262182	262182	262410	262410	262410	262258
1971	172763	171917	170953	170111	169332	168555	167483	166474	165350	164289	163174	162355	161771	160840	160317	159622	159217	158813	158525	158295	158180	158065	158065	158237	158352	159102	160491	161771	162939	163878	164937
1972	117029	116559	116419	116372	116325	116091	115764	115624	115298	115066	115020	115020	115112	115345	115531	115624	115811	115998	116138	116185	116372	116419	116700	116841	116841	116888	116982	116841	116841	116700	116606
1973	77830	78504	79040	79614	79866	80372	80698	81171	81537	81830	82345	82677	82899	82899	82862	82862	82825	82936	83159	83680	84428	84993	85371	85787	86244	86894	87585	88436	89019	89605	90114
1974	201710	203757	204618	204618	204419	204220	204887	205083	205681	206214	206547	207014	207415	208084	208754	209761	210636	211581	212392	213205	214020	214973	215860	216885	218051	219151	219978	220945	222470	224069	225605
1975	213341	212595	211851	210838	210030	209089	208352	207816	207482	207081	207215	207081	206681	206614	206414	206414	206347	206214	206147	206014	206081	206547	206881	207081	208017	209224	209896	210030	210098	210299	210434
1976	166888	166712	166420	166069	165485	164961	164554	164147	163625	163104	162527	162123	161491	161031	160687	160344	160001	159544	159259	158917	158633	158179	157725	157386	157159	156933	156820	156651	156538	156425	156256
1977	65125	65030	64934	64808	64713	64555	64429	64240	64020	64051	63988	63957	63863	63769	63581	63488	63394	63394	63363	63332	63301	63269	63176	63145	63269	63269	63238	63145	63145	63114	63052
1978	132516	138394	144004	156031	166829	173531	178370	182423	186091	189171	192216	194969	197226	199303	201327	203430	205610	207938	210348	212774	215761	220080	223681	226824	229921	233185	236546	240007	243204	246866	254057
1979	254867	255173	255479	255936	256396	256856	257470	258238	259394	260474	261480	262177	262876	263420	263964	265134	265836	266384	267168	268030	268738	269368	269918	270550	271182	271893	273321	275310	276506	277785	278909
1980	384338	386048	388239	390053	392063	393696	395137	395812	396391	396198	395041	393888	392639	391298	390053	389099	387762	386524	385477	383768	382158	380455	378380	376687	374998	372845	370695	368647	366605	364754	363000
1981	237949	237728	237362	237070	237070	237070	236924	236850	236704	236484	236265	236191	235972	235899	235680	235388	235244	234952	235461	235826	236484	237070	237728	238169	238537	239198	239787	240157	240378	240894	241264
1982	182916	182916	183292	183481	183669	183732	183607	183481	183292	183481	185180	186953	188289	189631	191043	192397	194277	195516	196692	197807	198992	200117	201244	202441	203644	204649	205926	207074	208768	209856	211289
1983	367906	378286	386715	393119	397837	402193	406475	410879	414811	418466	421637	424124	428718	435859	439600	441934	444478	446722	448154	449381	450920	452665	454929	458026	459888	461029	462065	463416	464145	465289	467478
1984	263574	262954	262487	262323	261866	261403	261015	260474	260087	259855	259932	259701	259548	260783	261325	261944	262643	263187	263420	263574	264276	264978	265914	267011	268030	269210	270550	271972	273478	274672	275787
1985	233787	233425	232917	232410	231830	231830	231543	231109	230821	230460	229884	229310	228663	228161	227805	227447	227089	226732	226589	226375	226020	226163	226234	226304	226304	226518	228520	229884	230748	231543	232337
1986	318289	321139	323569	326008	328194	330388	332589	342277	350926	359502	366512	372936	378003	382345	386334	389766	392351	394560	396487	398223	399866	401804	403846	405696	407354	409114	410977	413630	415699	418761	421836
1987	243192	242671	242079	241412	241264	242079	242228	242228	242079	241708	241412	240968	240526	239935	239861	239640	238758	238463	238390	237949	237949	237949	237875	237949	238096	238316	238537	238831	239198	239640	239935
1988	135726	135469	135159	134901	134592	134337	134029	133670	133516	133312	133058	132701	132344	131989	131534	131129	130775	130524	130373	130172	129870	129720	129519	129369	129419	129369	129270	129220	129120	129070	129020
1989	73477	75075	77922	79125	80018	80989	82299	83883	85526	86925	88186	89383	90473	91376	92127	92722	93561	94043	94606	95254	95864	96599	97626	98870	100251	101644	102709	103653	104818	106037	107266
1990	81388	81207	81134	81062	80882	80593	80232	79874	79516	79231	78983	78770	78592	78345	78204	78133	78063	78028	77992	77922	77852	77816	77746	77781	77852	77992	78098	78204	78275	78309	78275
1991	45704	45895	45966	49411	58307	60299	61270	61803	62101	62221	62370	62400	62430	62460	62430	62341	62191	62161	62161	62370	62521	62641	62701	62731	62911	63214	63426	63547	63760	63973	64218
1992	89460	89499	89460	89499	89538	89538	89499	89383	89383	89383	89267	89267	89228	89189	89189	89112	89034	89034	88995	88957	88957	88995	89189	89267	89228	89150	89112	89034	88995	88995	89034
1993	111688	112006	112370	112738	113190	113649	114153	114706	115121	115260	115538	116003	116514	117215	118249	119430	120619	122925	124869	126588	128421	130222	132141	134029	136296	139743	142875	145456	147684	149715	151708
1994	233932	233062	232192	231398	230748	230821	230821	230748	230676	230532	230604	230748	230676	230604	230388	230172	230388	230532	230676	230748	230821	230676	230748	230821	230821	230821	230821	230532	230028	229526	229094
1995	169461	170059	170537	171559	173914	177211	179183	180671	182041	189887	203243	211495	217014	221630	226092	230028	233569	236557	240230	244011	248425	252431	255708	258161	260164	261711	263031	264042	265056	265836	266541
1996	320534	321485	322440	323308	326970	329072	330740	332325	333915	335507	337104	339417	341739	343530	344968	346497	348211	350019	352016	354381	356753	359318	361985	364291	366327	368092	369672	371722	373779	375653	377534
1997	391011	387001	383009	379134	375277	371909	368647	365680	362815	360329	358035	356023	354199	352832	351652	350563	349477	348211	346858	345866	345148	344518	344608	344878	345328	345866	346948	348572	350472	351925	352923
1998	284965	285859	286674	287652	288551	289125	289615	289615	289453	289207	289125	289289	289861	290600	290929	292244	293565	295550	297708	299873	302217	304738	307864	311773	316824	320621	324265	328194	330916	333385	335862
1999	244904	244979	244979	245128	245352	245652	245951	246101	246326	246474	246474	246624	246774	246999	247299	247449	247599	247900	248051	248201	248425	248726	249103	249300	249632	250085	250537	250840	251294	251597	251977
2000	179059	179431	179739	180049	180857	181230	181604	181916	182291	182604	182916	183355	183921	184612	185370	186191	187207	188097	188800	189631	190016	190208	190465	190850	191172	191430	191688	192140	192461	192850	193239
2001	130876	130876	130876	130927	130876	130725	130725	130674	130624	130624	130624	130524	130474	130474	130474	130524	130624	130775	131078	131382	131736	132192	132752	133363	134080	134798	135572	136399	137386	138535	139743
2002	107752	107752	107752	107752	107663	107708	107973	108282	108371	108460	108504	108504	108593	108682	108727	108771	108950	109083	109128	109173	109261	109261	109439	109753	109977	110067	110246	110380	110560	110830	111282
2003	151874	152097	152264	152431	152655	152822	152990	153046	153102	153157	153213	153381	153549	153717	154954	157503	159161	160484	161582	162568	163616	164553	165550	166552	167499	168270	169401	170597	171679	172825	173975
2004	158646	159276	159678	160081	160541	161119	161640	162161	162859	163733	164728	165668	166670	167676	168746	169879	171198	172643	174279	175986	177703	179431	181169	182979	184549	186064	187779	188992	189951	190914	191946
2005	146052	146703	147412	148122	148890	149660	150487	151430	152543	153942	155688	157675	159966	162394	164436	166256	167913	169580	171318	173430	175252	177888	182542	185623	188161	190401	192591	195059	197216	199455	201510
Max.	**391011**	**387001**	**388239**	**393119**	**397837**	**402193**	**406475**	**410879**	**414811**	**418466**	**421637**	**424124**	**428718**	**435859**	**439600**	**441934**	**444478**	**446722**	**448154**	**449381**	**450920**	**452665**	**454929**	**458026**	**459888**	**461029**	**462065**	**463416**	**464145**	**465289**	**467478**
Min.	**342**	**342**	**341**	**336**	**331**	**331**	**331**	**331**	**623**	**569**	**492**	**434**	**374**	**360**	**357**	**369**	**384**	**387**	**379**	**390**	**403**	**390**	**387**	**399**	**408**	**407**	**417**	**455**	**463**	**521**	**487**
Ave.	**173729**	**174126**	**174459**	**174907**	**175472**	**175827**	**176102**	**176438**	**176742**	**177140**	**177636**	**178029**	**178355**	**178731**	**179034**	**179368**	**179755**	**180106**	**180483**	**180841**	**181287**	**181798**	**182357**	**182917**	**183470**	**184024**	**184649**	**185345**	**185980**	**186620**	**187388**

ISABELLA RESERVOIR
KERN RIVER BASIN, CALIFORNIA
MIDNIGHT STORAGE

APRIL

Units in acre-feet

Year	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
1954	482	500	517	538	566	590	590	609	650	660	663	654	679	761	1104	2124	3490	5028	6549	8045	9545	11115	12740	14570	16144	17408	18696	20550	22070	23322	
1955	7058	6734	6438	6140	5855	5554	5286	5062	4876	4692	4554	4453	4411	4422	4408	4419	4426	4445	4422	4375	4330	4505	4722	4981	5229	5440	5603	5752	5884	6005	
1956	128506	129911	131176	132259	133342	134528	135714	137137	138618	140206	142025	144521	146583	148526	150361	152364	154183	155946	157538	159214	160667	162236	163925	165942	167485	169028	170406	171557	172525	173615	
1957	127954	127452	127000	126749	126498	126146	125845	125502	125356	125161	124965	124721	124477	124330	124232	123940	124135	124477	124623	124672	124672	124672	124770	124868	125014	125161	125307	125453	125551	125600	
1958	141106	142567	145444	147748	150249	152139	154126	155946	157708	159970	161830	164044	166358	168790	171375	174038	177090	181040	185488	190496	196352	202170	206878	210777	213745	216683	219155	222189	225121	227426	
1959	190688	190752	191008	191200	191328	191648	191840	192032	192288	192480	192672	192864	193121	193313	193505	193569	193569	193761	194081	194273	194465	194854	195180	195505	195961	196418	197004	197460	197851	198438	
1960	91694	92054	92454	93014	93573	94093	94703	95320	95896	96555	97131	97708	98119	98532	99083	99676	100226	100735	101413	102175	103118	104294	105426	106166	106863	107663	108648	109454	110125	110931	
1961	28213	28249	28372	28585	28974	29360	29748	30080	30265	30450	30598	30802	31010	31222	31434	31723	32186	32706	33183	33504	33766	33986	34167	34348	34508	34628	34729	34850	34954	35038	
1962	35038	34328	33705	33263	33143	33404	33986	35038	36560	38214	39529	40808	42347	44205	46614	48935	51446	54524	57668	60661	63075	65397	68136	71278	74382	77017	79532	82226	84729	86612	
1963	183664	184230	184734	185299	185613	185928	187060	189023	190496	191648	192608	193569	194209	195115	196222	197655	198829	199806	200783	201905	202767	203761	204889	205751	206613	207541	208617	209494	210507	211586	
1964	159098	159853	160260	160493	160667	160900	161016	161133	161249	161597	162062	162643	163398	164221	164993	165824	166714	167485	168137	168671	169087	169561	169922	170164	170346	170467	170588	171073	171436	171859	
1965	117829	118066	118540	118730	118920	119110	119300	119585	120154	120486	120818	121303	121791	122378	123110	124086	125161	126297	127652	129560	131640	134064	136342	138618	141265	144087	147359	150194	153387	156571	
1966	155434	156344	157424	158749	159795	160842	162004	163108	164459	165527	166120	166655	167070	167366	167900	168612	169324	169862	170346	170649	170952	171254	171556	171799	172162	172767	173615	174522	175430	176473	
1967	281760	282950	284223	285659	287098	288301	289587	290956	292168	293382	294680	296144	297531	298511	299576	300396	300971	301381	301053	300560	300314	299986	299494	299084	298511	297939	297531	297123	296307	295331	
1968	206347	207482	208084	208754	209358	210098	210771	211378	211851	212325	212866	213545	214769	215587	216201	216543	217228	217433	217845	218257	218601	218876	218945	219220	219427	219978	220945	221707	222747	223582	
1969	175805	175439	175255	173551	173127	173855	171977	168794	165173	162004	159102	157204	156688	156117	154694	152883	151422	150751	150304	150863	152940	156345	159854	162004	162939	163819	164878	166474	168854	172703	
1970	261725	261041	260359	259904	259450	258996	258920	259072	259147	259298	259828	260283	260738	261117	261573	261801	262029	262105	262258	262258	262258	262182	262105	262029	262029	262105	262334	262486	262562	262867	
1971	166000	166889	167602	168436	169153	169871	170532	171073	171615	172219	172824	173369	173977	174768	175439	176111	177214	178260	179062	179742	180547	181106	181479	182039	182476	182725	183163	183601	184039	184478	
1972	116512	116325	115998	115718	115252	114741	114278	113771	113219	112852	112669	112577	112577	112577	112898	113035	113035	112989	112852	112669	112669	112669	112577	112349	112349	112349	112394	112440	112715	113035	
1973	90863	91378	91577	91497	91378	91378	91975	92935	94063	95079	96226	97589	99342	100565	101159	101841	102526	103386	104381	105383	106567	107317	108338	109813	111893	114834	118778	123451	128103	132877	
1974	227780	234729	237959	240706	242159	244128	246253	247946	250461	252393	254109	256058	258014	260131	262334	264318	266387	268619	270785	272727	274520	276320	278127	279940	281443	282871	284462	286458	287820	289587	
1975	210501	210367	210165	210165	210434	210636	210771	210906	211041	211041	211243	211311	211378	211513	211784	211784	211784	211851	211919	212122	212392	212799	213477	214088	215177	215723	215996	216270	216270	216406	
1976	156088	155919	155694	155638	155638	155638	155638	155525	155694	155582	155582	155469	155413	155469	155750	155694	155582	155525	155638	155694	155694	155638	155638	155750	155750	155975	155919	155862	155862	155862	
1977	63052	63083	63083	63052	63052	63052	63021	62959	62928	62897	62897	62897	62866	62866	62835	62804	62804	62990	63083	63145	63425	63706	63926	64083	64271	64366	64681	65030	65443	65890	
1978	260074	264867	268396	271332	273117	274830	275768	276080	276080	276002	276393	277255	278511	280085	281348	282851	283247	283089	282693	282297	281664	280874	280321	280558	281268	281664	281743	282613	283723		
1979	279953	280839	281887	282858	284153	285291	286755	287815	289125	290929	292409	293893	295796	297956	300542	302804	305329	307356	309050	310750	312540	314165	315708	317513	319150	320794	323223	325834	328194	330652	
1980	361432	359685	358035	356297	355018	354108	352832	351471	350019	348934	348301	347490	347219	347219	347759	348572	350019	352196	355018	358402	362169	365124	366884	367906	369765	372470	375186	378946	382345	385667	
1981	241486	241783	242153	242450	242671	243117	243489	244085	244755	245427	246251	246774	247149	247449	247750	248275	249179	250310	251294	252127	252887	253724	254791	256319	258315	259855	261170	262332	263652	265290	
1982	213210	214657	216249	217988	219384	220858	222194	223394	224598	226163	242079	257394	267325	275230	282453	288715	294638	300208	305835	311602	316996	322180	327058	331974	336395	340846	345866	351107	357302	363829	
1983	469046	470615	472606	473762	473236	471978	470196	467896	465184	462065	458958	455342	451432	446926	441934	437069	432734	428119	423529	419356	414614	409898	406377	402873	399479	396101	392831	389670	386619	383958	
1984	277384	278668	280114	281243	282453	283666	284965	285696	287163	287733	289289	290436	291585	292987	294390	295796	296959	298039	299374	300961	302720	304570	305920	306933	308371	309305	310409	311517	312796	313480	
1985	233425	234515	235899	237728	239935	242376	245054	247900	250991	254180	257394	260783	264588	268974	273242	276986	280194	282858	286022	288797	291093	293399	295384	297126	299374	301128	302804	304233	306004	308034	
1986	425521	428119	430524	432734	434748	436564	437980	438890	439295	439701	440209	440920	441527	441832	441730	441425	441123	440513	440006	439600	439803	440920	442442	443461	444784	445804	446415	447745	450304	452768	
1987	240083	240304	240230	240600	240820	241116	241116	240968	240968	241042	241264	241560	241857	242005	242005	242228	242599	243192	243638	243713	243787	243936	244011	244160	244458	245054	245278	245577	245951	246474	
1988	129070	128970	128920	128870	128870	128920	128920	129070	129270	129369	129670	129971	130273	130674	131129	131230	131434	131584	131635	132141	132344	132548	132548	132446	132599	132650	132599	132446	132497	132548	
1989	108460	109708	111146	112552	114015	115538	117261	119288	121480	123700	126046	128221	130273	132294	134438	136763	138955	141224	143464	145889	147957	149880	151263	152487	153549	154559	155349	156027	156594	157049	
1990	78239	78239	78204	78275	78275	78204	78204	78169	78133	78098	78098	78239	78521	78912	79374	80054	80412	80737	80954	81170	81388	81461	81570	81897	82043	82153	82372	82849	83402	83957	
1991	64524	64832	65140	65605	66543	67807	69445	70749	72171	73748	75212	76350	77291	78204	79161	80197	81170	82043	82922	83771	84552	85225	85827	86470	87268	88186	88995	89927	90865	91929	
1992	89228	89344	89538	89693	89966	90317	90708	91258	91929	92762	93561	94364	95173	95986	96845	97709	98537	99789	101221	102539	103824	105209	106300	107266	108327	109618	111056	112779	114568	116374	
1993	153717	155970	158308	160830	163792	166552	169222	171679	174279	177272	180174	183167	185686	187906	190016	192269	194667	197020	199323	201976	204918	208089	211221	214243	217432	221067	224953	228735	232772	237142	
1994	229022	229166	229166	229094	228879	228448	227876	227447	227232	227161	227018	226804	226518	226163	225949	225807	225878	225807	225807	226163	226661	227375	228090	228735	229166	229597	230028	230316	230676	231182	
1995	267325	268108	268895	269681	270629	271103	272210	273242	274752	275867	276666	277625	278668	280114	281402	282129	282696	282777	283020	283182	283344	283101	282696	282372	282291	282696	283423	284640	287082	293069	
1996	379418	382440	384906	387284	389670	391967	393985	396101	398513	400545	402776	405208	407647	409996	412351	415502	418959	422433	425022	427419	429621	431326	433036	435051	437879	441324	445907	450818	456064	461236	
1997	353925	354562	354927	355292	355840	356389	356753	356753	356572	356572	356936	357760	358586	359134	359685	360237	361250	362630	364199	366141	368740	371536	374623	377440	379982	382630	385857	389003	392255	395234	
1998	338172	340132	342187	344249	345596	347309	348482	349387	350200	351017	351925	352741	353197	353379	353470	353288	353014	353014	353379	354381	356480	359961	364199	368275	372190	375653	379229	383009	386524	390244	
1999	252279	252583	252887	253191	253648	253877	254256	254562	255020	255479	256089	256626	257163	257853	258700	259701	261093	262254	263498	264900	266306	268030	269524	270550	271497	272131	273003	274035	274831	275707	
2000	193563	193628	193563	193563	193628	194017	194537	195124	196037	196758	197281	197544	197807	198202	198730	199058	199455	199918	200382	201177	201976	202842	203377	203844	204313	205052	206061	207614	209311	210879	
2001	140854	142022	143142	144054	144592	145077	145889	146485	146975	147466	147848	148176	148615	148999	149439	149935	150542	151208	151929	152878	153886	154672	155519	156537	157675	158932	160484	162278	164201	166079	
2002	111779	112461	113236	114061	114982	116003	116935	117966	118861	119952	121001	122442	124138	125898	127924	129569	130977	131887	132701	133363	134080	134644	135159	135624	136036	136711	137543	138273	138850	139376	
2003	175130	176353	177395	178503	179369	180111	180920	181729	182416	183292	184299	185433	186699	188097	189503	190850	192010	193044	194082	194993	195841	196692	197478	198268	198992	199786	200579	201377	202042	202641	
2004	192850	193434	193952	194472	194993	195516	195972	196692	197610	198796	199521	199918	200183	200117	200117	200249	200579	200911	200978	201044	201177	201177	201177	201443	201843	202174	202374	202574	202975	203310	
2005	203377	205456	207411	209856	212043	214105	216388	218966	221771	224244	226589	228951	231543	234296	237288	240600	244309	248275	252659	256703	260319	263886	267480	271103	274433	277625	281001	284965	288797	292162	
Max.	**469046**	**470615**	**472606**	**473762**	**473236**	**471978**	**470196**	**467896**	**465184**	**462065**	**458958**	**455342**	**451432**	**446926**	**441934**	**441425**	**441123**	**440513**	**440006**	**439600**	**439803**	**440920**	**442442**	**443461**	**444784**	**445804**	**446415**	**450818**	**456064**	**461236**	
Min.	**482**	**500**	**517**	**538**	**566**	**590**	**590**	**609**	**650**	**660**	**663**	**654**	**679**	**761**	**1104**	**2124**	**3490**	**4445**	**4422**	**4375**	**4330**	**4505**	**4722**	**4981**	**5229**	**5440**	**5603**	**5752**	**5884**	**6005**	
Ave.	**188187**	**189002**	**189732**	**190422**	**191067**	**191733**	**192370**	**192957**	**193603**	**194250**	**195209**	**196203**	**197151**	**198063**	**198986**	**199885**	**200841**	**201805**	**202783**	**203828**	**204924**	**206063**	**207165**	**208232**	**209324**	**210434**	**211654**	**213001**	**214430**	**215963**	

ISABELLA RESERVOIR
KERN RIVER BASIN, CALIFORNIA
MIDNIGHT STORAGE

MAY

Units in acre-feet

Year	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
1954	24185	24967	25800	27060	28752	30787	33086	35662	38308	40610	42524	44513	46388	48500	50632	52450	54360	56948	60040	63089	66194	68504	70430	72232	73805	75100	76304	77312	78608	79770	80574
1955	6209	6400	6560	6705	6862	7110	7453	7957	8381	8804	9383	10168	11090	11911	12411	12646	12933	13290	13841	14635	15525	16717	17940	19230	19982	20443	21152	22283	23816	25552	26836
1956	174522	175552	176844	179003	181102	183035	184859	186305	187688	188895	189984	190816	191520	192096	192736	193377	194401	195440	197004	198568	200327	203231	206878	211114	214967	218125	221630	224912	228193	231671	235080
1957	125356	125063	124819	124721	124917	125307	125946	126347	126699	126950	127050	127150	127301	127552	127803	127954	128154	128807	132878	135147	137084	138406	139942	141106	142187	143219	144467	145770	147248	148415	149860
1958	229327	231600	234441	237964	242442	247876	253518	259680	266231	273266	279857	285345	289746	294035	298924	304591	311251	319163	327690	336589	344641	352873	361472	368714	375193	381192	387045	392651	398034	403243	408509
1959	199219	199936	200327	200718	200979	201374	201639	201838	201971	202170	202568	203297	204159	204955	205817	206149	206613	206878	207276	207541	207674	207674	207674	207607	207607	207541	207475	207342	207210	207210	207210
1960	111742	112572	113356	114232	114785	115430	116122	116832	117639	118683	119110	119063	118778	118683	118683	118920	119158	119253	119205	119110	118920	118825	118635	118493	118445	118303	118208	118398	118588	118778	118730
1961	35204	35497	35830	36185	36435	36727	36980	37240	37499	37759	38020	38257	38473	38690	38929	39192	39574	40068	40561	40988	41417	41836	42394	42975	43580	44277	44952	45556	46137	46589	46990
1962	88320	90455	92814	95814	99422	103597	107708	111513	114969	117782	119869	121596	123110	124379	125551	126648	127652	128656	129460	130413	131021	131383	131537	131692	131898	131898	132052	132052	132001	132156	132672
1963	212733	214150	216203	218125	220322	222468	224772	226867	228759	230748	232736	234654	236591	238325	240203	241937	244275	246994	250380	253891	257402	261123	264769	268471	271946	275385	278524	281917	284867	287657	291203
1964	172464	173009	173312	173554	174038	174220	174522	174825	175128	175491	175918	176473	177399	178571	179806	181225	182659	184105	185676	187436	189407	191200	192993	194401	196026	197786	199024	200066	200783	201441	201507
1965	159911	163340	165705	167604	168968	170588	172101	173070	174522	175431	176350	177152	178016	179251	180485	182156	184419	187499	190752	194593	197851	200718	203297	205486	207475	209427	211518	214082	217233	220596	223795
1966	177584	178818	180300	181657	183161	184671	186431	188191	189599	190816	192032	192993	194017	195505	196938	198307	199806	201507	203363	205088	206547	207740	208954	210237	211451	212733	213947	215173	216203	216890	217370
1967	293869	292491	290876	289426	288301	287098	286058	285419	285818	287419	287820	287419	287018	286698	286778	287820	289909	293058	297123	301628	306750	313930	321195	328372	335282	342351	349226	355454	361375	366347	371169
1968	224488	225535	226516	227358	228343	229330	230177	230956	231595	232234	233088	233800	234729	235445	236090	236664	237527	238392	239764	241287	242814	244421	245299	245813	246474	247430	248832	250461	252244	253885	255232
1969	177030	181603	185988	189345	191068	192734	196935	201447	208151	216954	226235	234729	244713	255232	266003	276712	288381	300806	313090	324346	335890	348164	358498	369710	381465	393595	405536	416887	428892	441474	454244
1970	263325	263706	264088	264547	265083	265619	266310	267001	267848	269160	270088	271018	272027	273194	274989	277262	279264	282474	285020	287098	289024	291037	293463	296470	299166	301464	303523	305921	308412	311165	314182
1971	184981	185547	185925	186366	186682	187378	188011	188709	189472	190365	191260	192156	193056	194215	195572	197130	198825	200199	201447	202369	203624	204618	205548	206347	207415	208687	210704	212325	213748	214837	215928
1972	113265	113771	114325	114973	115485	115998	116466	116935	117452	117972	118540	119063	119635	120257	120833	121315	121798	122040	122331	122380	122380	122283	122186	122137	122186	122283	122574	122769	123012	123109	123402
1973	137088	139625	143002	146817	150863	153957	157089	160665	165291	171073	177890	185295	192670	200396	208084	214837	221984	229683	237599	245593	252318	258618	264471	270397	276399	282633	289024	296959	305838	313510	320261
1974	292168	294274	297286	300888	301183	306750	309578	312923	317129	322215	327514	333029	338502	343404	348872	354026	358678	362547	366256	369346	372266	375014	377588	380263	382948	386667	391153	396138	400871	405345	409846
1975	216543	216817	217228	218051	218876	219633	220323	221568	223303	224976	227077	229612	232447	235516	238897	242669	246253	249942	254259	259223	262715	265466	268156	270940	274676	278678	283030	287339	291845	296307	301135
1976	156200	156651	157103	157103	157499	157952	158406	158804	159316	160058	160630	161318	162296	163567	164844	165952	166829	167534	168063	168181	168475	168770	168947	169006	169124	169420	169597	169597	169834	169834	169538
1977	66147	66372	66501	66469	66565	66727	66856	67213	67375	67570	67701	67864	67995	68061	68126	68422	68586	68718	68850	68982	69114	69313	69745	70146	70481	70749	70918	71053	71188	71560	72138
1978	284041	283882	283723	284280	286669	288588	289872	290354	290997	292044	294306	297392	301724	307248	313327	319048	322694	326275	329792	333502	337146	341775	346171	349355	351220	355142	357471	360708	364414	369050	374636
1979	333208	335507	337904	340578	343261	345956	348482	350835	352741	354562	356206	358219	360237	362538	364846	367441	370231	373498	377158	381211	385572	390340	394945	399285	403360	407354	411761	416191	420050	423626	426818
1980	389386	393023	396871	401513	406572	411957	417971	423230	428618	433638	437575	440818	443664	446213	448052	450099	452563	456064	460510	465914	471664	477341	482942	487512	490924	493598	495638	497248	498540	499831	501234
1981	267637	270471	273083	274991	276586	277705	278588	279631	280758	281887	283182	285047	287000	289289	290600	291997	292821	293482	294141	294638	294969	295301	295713	296378	297126	298456	299792	300877	302217	303645	305160
1982	370511	377158	383863	389957	395523	401224	407061	412941	418367	423529	428119	432332	436564	440818	444988	449176	453798	458440	462896	467582	472606	478288	484110	490499	496817	502961	508922	514152	518309	522044	525349
1983	380833	377346	373498	370324	367162	364476	361985	360421	358861	358219	357577	356480	355566	353652	352377	352923	353652	354653	356023	359318	364569	372096	381685	392351	404039	416290	429520	444170	458854	471768	485702
1984	314251	315278	316396	317513	319236	320967	322353	323917	326008	328457	331709	335507	339685	343889	347580	350563	353288	355749	358677	362077	365956	369579	373404	377346	379982	383768	387571	391011	394177	397933	400836
1985	309901	312456	314935	318116	320881	323830	326795	329423	331269	333385	335330	337193	339239	340400	342456	344518	346497	348663	351017	353288	355383	357760	360421	363184	366234	368740	370882	372470	373779	374716	375559
1986	455548	458647	461652	464663	466436	467687	468314	468523	468523	468942	469151	469256	470091	471034	473446	475232	477655	481036	484854	489003	493065	495853	498217	500262	502853	506534	510880	515571	521163	526894	533100
1987	246924	247299	247449	247975	248802	250009	250764	251749	252963	254485	255708	257010	258392	260087	262099	264666	266384	267637	268738	269681	270629	271261	271734	271893	271814	271972	272210	272289	272527	272765	273083
1988	132497	132446	132599	132599	132650	132752	132752	132854	133108	133159	133210	133465	134183	135314	136659	138273	139849	141171	142182	143464	144754	146268	147629	148945	150156	151319	152320	153157	154111	154954	155688
1989	157446	157903	158532	159448	160772	162278	163792	165492	167321	169162	170478	171559	172522	173430	174218	175010	175680	176292	177088	178011	178936	179739	180733	181354	181916	182479	183041	183732	184236	184549	184738
1990	84291	84515	84701	84925	85300	85789	86507	87306	88071	88725	89383	89732	90122	90395	90747	91022	91140	91376	91455	91573	91613	91810	91889	92127	92364	92444	92523	92882	93440	93842	94204
1991	93041	93962	94849	95619	96435	97380	98620	100293	102368	104170	105514	106607	107619	108727	109887	111192	112870	114475	115910	117215	118483	119714	121049	122877	125261	128024	130624	132803	134644	136711	138535
1992	118060	119525	120905	122442	123895	125457	127229	128870	130775	132701	134592	136503	138430	140430	142340	144108	145835	147193	148176	149054	149770	150267	150598	150875	151097	151541	152041	152599	153046	153325	153549
1993	242005	247074	252051	257624	262254	266462	270234	274114	278106	282210	286592	291093	295135	298706	302468	306340	310494	314935	319755	324788	329599	334533	339864	345148	350200	354290	357760	360605	363184	366141	369206
1994	231758	232265	232845	233353	233787	234369	235315	236045	236557	237070	237875	238905	240600	242525	244531	246326	247825	248953	249707	250310	251143	251825	252583	253267	253951	254562	255326	256243	256933	257701	258469
1995	300710	307780	313652	318634	323308	327233	330212	332854	335064	337282	339774	342725	345956	348482	351017	353925	356572	358953	361524	364661	368368	372564	376969	381211	385001	388239	391778	395426	398900	402387	406282
1996	466227	471244	476075	480612	484747	488576	492208	495745	499292	502636	506643	510771	514699	518857	523035	526894	530103	531877	533100	533656	533656	533433	532988	532544	532099	531435	530991	530547	530547	530547	530547
1997	398320	401224	404233	407256	410192	413335	416487	419753	423230	426618	430022	433638	437575	441527	446009	451023	455858	460302	463729	465810	467060	467896	469151	470824	471559	471664	472291	473131	475338	477760	481036
1998	394752	399576	404428	409604	415107	419554	423230	425621	428320	431326	433941	436766	439093	440209	440513	440818	441123	440920	441222	441527	442442	443359	444580	446111	448154	450304	451637	452563	453798	454517	455445
1999	276666	277384	277865	278427	279150	279953	280920	282210	283666	284965	286592	288388	290682	292656	294638	296211	297708	299457	301547	303561	305667	307864	309901	312029	314080	316568	319150	321399	323917	325834	327495
2000	212660	214588	217083	219874	222828	225664	228592	231615	234223	237142	239861	241857	243638	245203	246399	247599	248726	249707	250915	252355	254409	256856	260010	263730	267246	270787	274353	277865	281243	283666	285696
2001	168210	170897	173370	175375	177211	179183	181666	184549	187842	191494	195254	199058	202109	204380	206533	209379	213072	216597	219524	222335	225166	227876	230244	232410	234660	236777	238537	240157	241634	242671	243564
2002	139849	140271	140748	141224	141702	142234	142982	143839	144538	145347	146161	146812	147357	148286	149274	150598	152264	154223	156140	157960	159391	160599	161467	162045	162685	163383	164377	165550	167025	168686	170657
2003	203310	203911	204985	206466	208089	209379	210673	211837	212797	213899	215003	216180	217292	218337	219454	220576	221771	223323	224953	226946	228951	231471	234587	237802	241264	245352	249783	254943	259932	265056	270313
2004	203978	204918	205993	207479	209447	211358	212935	214312	215626	216666	217988	219106	219945	220928	222124	223394	224173	224882	225593	225878	226092	226234	226518	226732	227018	227304	227447	227518	227948	227948	227733
2005	295218	298790	302552	306679	311944	317082	321746	326008	330828	335774	339774	343530	347490	352107	357485	364384	371629	378474	386048	394463	403068	411761	420150	428919	437474	446926	456785	466749	475759	483366	489751
Max.	**466227**	**471244**	**476075**	**480612**	**484747**	**488576**	**492208**	**495745**	**499292**	**502636**	**506643**	**510771**	**514699**	**518857**	**523035**	**526894**	**530103**	**531877**	**533100**	**533656**	**533656**	**533433**	**532988**	**532544**	**532099**	**531435**	**530991**	**530547**	**530547**	**530547**	**533100**
Min.	**6209**	**6400**	**6560**	**6705**	**6862**	**7110**	**7453**	**7957**	**8381**	**8804**	**9383**	**10168**	**11090**	**11911**	**12411**	**12646**	**12933**	**13290**	**13841**	**14635**	**15525**	**16717**	**17940**	**19230**	**19982**	**20443**	**21152**	**22283**	**23816**	**25552**	**26836**
Ave.	**217560**	**219175**	**220807**	**222543**	**224271**	**226092**	**227878**	**229660**	**231557**	**233594**	**235592**	**237552**	**239582**	**241617**	**243752**	**245983**	**248261**	**250627**	**253160**	**255717**	**258260**	**260876**	**263505**	**266123**	**268668**	**271300**	**273958**	**276634**	**279343**	**281909**	**284458**

ISABELLA RESERVOIR
KERN RIVER BASIN, CALIFORNIA
MIDNIGHT STORAGE

JUNE

Units in acre-feet

Year	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
1954	81176	81990	82952	83784	84544	85000	85190	85304	85380	85304	84734	83974	83214	82360	81546	80843	80140	79437	78716	78176	77600	77132	76700	76016	75135	74155	73105	71722	70634	69512	
1955	27558	28178	28656	29323	30413	32340	34708	37154	39058	40920	41975	42720	43092	43208	43347	43557	43464	43347	43255	43231	43208	43208	42999	42650	42254	41812	41279	40741	40292	39753	
1956	238108	241431	244128	246920	249345	251575	253817	256207	258844	261731	264693	267390	269552	270865	272023	272563	272795	273345	274129	274835	275149	275620	276169	277111	278759	280250	280881	281758	282395	283033	
1957	151805	154695	158517	162004	165053	168019	170588	173312	176103	178139	179003	179683	180979	182093	182973	183476	183601	183790	183916	183979	183916	183350	183035	182596	182093	181842	181719	181904	181719	181164	
1958	413405	417863	422129	425563	428603	430859	432833	434719	436604	438490	439979	440376	440773	441071	441766	442268	443072	443474	444980	447491	449398	450805	452520	453130	453130	452520	454146	455162	453536	451608	
1959	207143	206480	204889	203363	201838	200392	199024	197525	195505	193569	191392	189343	187185	184671	182030	179498	176967	174341	171617	168909	166239	163224	160493	157367	154240	151305	148526	145661	142893	140259	
1960	118730	118825	118873	118825	118588	117924	117022	116076	115016	113863	112711	111424	109991	108469	106950	105296	103554	101879	99930	97914	95690	93533	91295	88978	86574	84240	83450	82590	81753	80989	
1961	47316	47567	47743	47993	48344	48831	49404	49951	50498	51019	51419	51771	52150	52501	52825	53042	53096	53096	53096	53096	53015	52906	52690	52474	52177	51771	51392	50993	50629	50212	49664
1962	133755	135508	137877	139677	140948	142187	143653	145607	147693	150194	152705	155093	156969	158517	159911	159970	159970	160667	162004	163806	165883	168019	169862	171073	171799	172464	173191	173615	173675	173554	
1963	294844	298760	303112	307002	310584	314011	316714	319417	321954	324351	327348	330431	333033	334941	336936	339985	344025	348782	353407	357960	361742	364354	366344	367164	367802	368714	369443	369990	369717	369261	
1964	201838	202104	202236	202634	203032	203562	203628	203363	202568	201772	200653	199610	198698	197851	196939	195701	195049	193569	191968	190368	188831	187436	186053	185676	184419	182847	181040	179189	177276	175310	
1965	227495	230606	233020	235222	238253	241937	245892	249639	252471	254863	258085	262187	265922	268702	270710	272023	272641	273031	273658	274600	275934	277268	278524	279308	279779	280171	280485	281041	281758	282635	
1966	217576	217645	217782	217919	217988	218125	218125	218262	218193	217713	216958	216134	215104	214217	213071	211451	209966	208415	206812	205221	203496	201573	199610	197916	196352	194984	193825	192736	191392	190112	
1967	374280	376759	378878	380818	382577	384433	386387	388813	391904	395667	399732	404105	408790	413504	418148	423209	425850	428204	431354	433428	435804	438385	440975	443873	446881	449798	455258	461160	467719	474844	
1968	256433	257713	258996	260131	260965	261193	260738	260207	259374	258467	257261	255983	254483	253138	251872	250757	249423	247946	245960	244348	242669	241142	239475	237887	236305	234372	232092	229753	227498	225465	
1969	467616	480772	493272	503796	512383	520065	526713	532413	536047	537593	538145	539141	539694	540912	542798	545466	546802	548029	549815	552501	555418	558680	562178	565801	568071	568867	569095	569663	569436	569663	
1970	317214	320176	322300	323920	324774	325201	325543	326742	327514	327771	327342	327085	326742	326399	325714	324945	324176	323578	323067	322896	322726	322556	322130	321450	320770	320091	319328	318735	317890	316876	
1971	216954	217776	218601	219427	220323	221360	222470	223791	225256	226796	228343	229895	231240	232732	234300	235803	237311	238536	239547	240199	240706	240996	240924	240706	240126	239403	238608	237815	236880	235875	
1972	123793	124136	124332	124431	124480	124038	124824	125465	126109	126555	126754	126705	126506	126506	126406	126357	126158	125811	125317	124578	123793	122671	121508	120449	119158	117925	116653	115485	114371	113403	
1973	328716	333635	338502	343316	348961	354561	360025	365621	371535	376851	380910	384340	386760	389094	390029	390497	391060	391622	392561	393971	394913	395855	396516	396799	397082	397555	398501	399164	399448	399353	
1974	414565	418827	422819	426732	431157	435704	441574	446278	450302	454345	458102	461160	463921	468748	470810	472256	472980	472980	472773	472566	472566	473912	475881	475778	475155	474740	473912	473083	472463	471739	
1975	306170	310747	315275	319328	323237	326485	331128	334068	336673	339812	341825	343844	344899	345780	346751	348076	348695	348695	348518	347811	347192	346398	345780	344811	344107	343316	342000	340861	340161	338851	
1976	169361	169065	168652	167886	167005	166010	164961	163799	162527	161376	160401	159316	158292	157159	155862	154628	153177	151846	150356	149094	147675	146048	144594	143041	141341	139810	138290	136676	134869	132771	
1977	72994	73926	74866	75779	76700	77521	78384	79035	79544	80385	81011	81492	81825	82086	82272	82347	82347	82347	82309	82235	82086	81863	81714	81529	81306	80937	80422	79872	79326	78636	
1978	380265	385377	390149	395328	401019	407039	413298	420483	428321	435438	441415	447433	453188	457962	461635	464400	466556	468408	470574	472537	474712	476789	478245	478870	479078	479808	480747	481373	482209	483569	
1979	429420	431627	433439	435051	436463	438082	440107	441123	441629	441832	442035	441934	441629	440818	439295	437778	435960	434445	432634	430826	428718	427118	425621	424224	422732	421140	419356	417377	415502	413630	
1980	502420	503827	505666	508052	510226	512622	514808	517324	520286	523694	527005	529771	531766	533544	535323	537663	540120	542694	545724	549326	553166	556337	559175	561792	564758	568075	571169	574735	578312	581319	
1981	306510	307610	308456	309390	310579	311858	312456	312456	312456	312285	311773	311176	310326	309560	308541	307102	305751	304233	302720	301296	299873	298289	296627	294886	293152	291340	289533	287570	285614	283585	
1982	528333	530103	531324	532321	533433	533990	534321	534878	536104	537663	539228	540904	542024	542919	544041	546062	547638	548762	550568	552600	553955	554975	555883	556902	557242	557697	558720	559855	560083	560083	
1983	497033	505666	512295	517653	522594	528001	533878	539787	545724	551582	559175	565899	570483	575773	581783	587240	593893	600343	606239	610384	613828	617043	620146	622178	623737	625174	626376	627335	628057	628177	
1984	402776	404428	405598	406086	407256	407159	407745	407061	406572	406377	405891	405306	404916	404623	404331	404039	403749	403165	402193	401321	400642	399866	399188	398707	398223	397740	397257	396774	395908	395619	
1985	376405	377346	378663	379701	380455	381969	383673	385191	386429	387380	388143	388525	388621	388525	388525	387857	387094	385953	384716	383578	382253	380927	379606	377626	376217	374716	373217	371442	369579	367627	
1986	538781	543817	547750	551356	553732	555656	556902	557469	558492	559175	559741	560311	560652	561450	562020	562134	562134	561336	560425	559403	558606	557810	557242	556788	556788	556450	556450	556110	554975	553166	
1987	273876	274831	275467	275707	276026	276026	276266	276266	275946	275310	274752	274114	273399	272448	271340	270313	269131	268108	267168	265914	264510	263498	262487	261248	260010	258931	257776	256473	255173	253648	
1988	155970	156537	157163	157732	158017	158189	158017	157618	157049	156424	155858	155236	154616	153942	153269	152375	151374	150376	149439	148560	148012	147957	147521	147357	147248	146975	146431	145672	144646	143518	
1989	184801	184549	184110	183544	182916	182479	182041	181791	181604	181479	181479	181604	181604	181666	181729	181791	181854	181791	181542	181044	180671	179987	179121	178195	177334	176414	175436	174279	173127	172160	
1990	94325	94325	94284	94404	94687	95092	95538	95945	96394	96968	97297	97420	97420	97297	97091	96927	96640	96354	95986	95538	95011	94404	93801	93201	92563	91889	91415	90826	90239	89693	
1991	140060	141808	144269	147248	150101	152934	155575	158189	160657	163093	165492	167676	169700	171498	173006	174097	174949	175497	175558	175497	175252	175069	174827	174522	174218	173793	173249	172704	172100	171378	
1992	153717	153830	153886	153886	153942	153886	153773	153773	153661	153325	152878	152375	152041	151818	151597	151319	151097	150653	150046	149549	148999	148396	147903	147357	146757	146161	145618	144969	144215	143570	
1993	372003	373779	375277	376781	379606	381779	383768	385477	387094	388812	390819	393119	395523	397933	400351	402387	403941	405403	406963	408724	409604	410192	411075	412154	413433	414910	416191	416883	416982	416883	
1994	259394	260396	261093	261789	262177	262332	262099	261633	261015	260551	260242	259932	259471	258777	258007	257086	256089	254943	253801	252507	251143	249707	248350	246924	245502	244234	242820	241338	239714	238022	
1995	410290	414022	418367	423031	428818	434445	439295	442748	445294	448154	451740	456168	461132	465393	468732	471768	474393	476286	477549	478605	479451	479663	480718	482942	486341	490285	493813	496925	500910	505016	
1996	531213	531988	533322	534989	537105	539228	541464	543480	545277	546624	546849	546624	545949	545724	545724	545499	544603	543480	542585	541576	540456	539004	537105	535212	533433	530991	528773	526562	524356	522044	
1997	484003	486447	488790	490499	491566	491994	491887	491780	491673	491673	491566	491245	491138	491352	491673	491352	490710	490392	490392	490710	491031	490924	490499	489644	488576	487512	486234	484854	483366	481566	
1998	456785	458543	460821	462376	463729	465289	467582	469672	471664	473867	476181	477760	479240	480295	482729	487193	492315	496710	501126	505775	509790	513605	516557	518967	522044	525460	528001	530547	533322	535769	
1999	329072	330300	331357	332236	333031	333738	334181	334267	333827	333561	333028	333119	332943	332766	332413	331974	331533	330828	330916	331357	331445	331180	330564	329687	329072	328633	327931	326970	325834	324527	
2000	287245	288633	289861	290929	292079	292821	293152	293234	293152	292739	292162	291340	290600	290353	290271	290189	290600	290847	290682	290436	290025	289453	288797	287979	286919	285777	284315	282615	280678	278668	
2001	244458	244755	244904	244458	243713	243117	242525	241708	240820	239861	238610	237142	235680	234223	232555	230893	229094	227161	225095	223040	221137	219244	217639	216180	214796	213417	212043	210333	208021	205791	
2002	172583	174157	175375	176476	177580	178936	180484	181791	182667	183104	183292	183481	183607	183858	184173	184047	183607	183292	183355	183481	182979	182667	181979	180857	179739	178688	177580	176292	175010	173732	
2003	274672	279470	284640	289043	293234	296793	299957	302720	304401	305582	306679	307780	308796	309901	310750	311517	312200	312540	312710	312540	312285	311773	310750	309901	308881	307949	307017	306004	304907	303814	
2004	227590	227518	227662	227805	227232	226518	225807	225095	224386	223819	223323	222899	222265	221560	220996	220366	219734	219244	218826	218127	217292	216319	215280	214105	213004	211975	210947	209719	208292	206939	
2005	496280	502744	508814	513715	517653	521053	523253	524576	525349	526452	527779	529216	530880	533433	535546	537552	538557	538222	536773	535435	534212	533656	533211	532988	532432	531877	531102	529992	529327	528884	
Max.	**538781**	**543817**	**547750**	**551356**	**553732**	**555656**	**556902**	**557469**	**558492**	**559175**	**559741**	**565899**	**570483**	**575773**	**581783**	**587240**	**593893**	**600343**	**606239**	**610384**	**613828**	**617043**	**620146**	**622178**	**623737**	**625174**	**626376**	**627335**	**628057**	**628177**	
Min.	**27558**	**28178**	**28656**	**29323**	**30413**	**32340**	**34708**	**37154**	**39058**	**40920**	**41975**	**42720**	**43092**	**43208**	**43347**	**43557**	**43464**	**43347**	**43255**	**43231**	**43208**	**43208**	**42999**	**42650**	**42254**	**41812**	**41279**	**40741**	**40292**	**39753**	
Ave.	**286906**	**289108**	**291177**	**293027**	**294790**	**296430**	**298023**	**299429**	**300666**	**301815**	**302806**	**303706**	**304412**	**305095**	**305643**	**306095**	**306378**	**306504**	**306642**	**306785**	**306819**	**306780**	**306686**	**306436**	**306128**	**305798**	**305495**	**305106**	**304573**	**303976**	

ISABELLA RESERVOIR
KERN RIVER BASIN, CALIFORNIA
MIDNIGHT STORAGE

JULY

Units in acre-feet

Year	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
1954	68240	67019	66524	66392	65259	64329	63647	63089	62686	62110	61270	60280	59500	58833	58137	57470	56687	55816	54920	54052	53152	52342	51478	50658	49878	49280	48578	47876	47084	46388	45456
1955	39372	38886	38473	37955	37283	36519	35830	35204	34588	34147	33565	32963	32302	31723	31280	30802	30487	30228	29970	29730	29471	29175	28903	28603	28284	27948	27523	27089	26650	26209	25804
1956	282874	282714	282077	281200	280171	279308	278524	277582	276483	275385	274207	272641	271096	269243	267390	265536	263782	262187	260743	259984	259908	259604	258996	258692	257933	257402	257253	256506	255535	254041	252471
1957	180670	179930	179251	178201	177399	176473	175552	174522	173494	172283	170770	169087	167129	165053	162934	161772	161074	160260	159447	158517	157538	156571	155662	154695	153672	152705	151694	150861	149971	148859	147804
1958	449700	447892	446386	445884	444879	443775	442469	440674	438391	435612	432634	429584	426642	423503	419899	416313	412727	410424	407265	404392	401534	399358	396805	394251	391436	388446	385550	382577	379069	375839	371722
1959	137507	134631	131795	129209	126096	123940	120818	117734	114693	112019	111110	110305	109365	108379	107395	106428	105426	104468	103554	102770	101964	101117	100226	99252	98366	97585	96925	96267	95443	94703	94053
1960	80114	79459	78813	78179	77510	76876	76277	75539	74756	73938	73020	72036	71047	70058	69102	68104	67082	65996	64995	64097	63292	62460	61681	60931	60152	59408	58625	57871	57146	56430	55729
1961	49169	48648	48093	47567	46990	46489	45990	45556	45097	44567	44012	43440	42743	42092	41417	40785	40112	39439	38777	38063	37391	36727	36102	35476	34769	34106	33504	32902	32302	31665	31029
1962	173070	172404	171617	171012	170285	170709	170406	169801	169146	168137	166655	164993	163689	162004	160435	158924	157481	155946	154410	152876	151138	149582	147804	146041	143978	141645	139254	136925	134477	132207	129811
1963	369170	369170	368987	368805	368440	367984	367619	367437	367255	367255	367437	367802	367802	367619	366982	366526	365614	364264	362912	361382	359761	358320	356699	354830	352962	350828	348515	346222	343762	341215	338758
1964	173494	171859	170225	168493	166833	165112	163282	161423	159389	157253	155150	152989	150694	148359	146149	144032	141971	139942	138036	136237	134425	132672	130918	129359	127903	126799	126146	125551	124819	124037	123159
1965	283192	283990	285027	285903	286700	287497	288215	288694	288937	288937	288613	288055	287577	287178	287019	287099	287338	287736	287418	286700	285824	284628	283511	282555	281598	280250	278838	277346	275934	275463	275463
1966	188645	187251	185799	184165	182476	180671	178938	177276	175561	173855	171977	170111	168198	166415	164760	163174	161713	160085	158525	156803	154921	153053	151198	149748	148360	146872	145229	143652	142194	140905	139678
1967	481816	488526	494435	502621	508724	512598	516271	519305	521370	522893	524201	525620	527369	529559	531864	534174	536268	537262	537593	538698	538035	537041	535717	534504	533293	532413	531205	529699	528573	527697	526275
1968	223721	221845	219978	218257	216543	214769	212934	211041	209022	206947	204884	202699	200724	198498	196415	194409	192477	190620	188836	187251	185610	183914	181977	179804	177829	175744	173916	172098	170652	169213	167899
1969	570688	573882	575253	576168	576626	577084	577199	577428	577428	577314	576970	576397	576970	578116	577428	576512	575024	573539	572284	571144	570005	570232	568867	566936	565121	562744	560710	558567	556541	554183	551493
1970	315949	315022	314098	313090	311917	310496	308912	307497	306087	305093	304101	302698	301053	299494	297857	295981	294355	292815	291199	289587	287820	285818	283666	281443	279383	277498	275380	273194	270785	268234	265849
1971	234944	234015	233230	232376	231382	230107	228765	227288	225745	224209	222747	221291	219840	218257	216817	215177	213748	212528	211311	209828	208218	206614	204817	203095	201381	199544	197716	195896	193957	191900	189918
1972	112258	111166	110083	108962	107804	106567	105339	104208	102998	101798	100565	99342	98004	96720	95406	93983	92374	91140	89683	88048	86702	85446	84391	83345	82198	80953	79866	78861	77936	77019	76040
1973	398974	397933	396516	395195	393783	392091	390685	388907	386946	385084	383133	380910	378417	375840	373181	370166	367163	364173	362908	360385	357064	354927	352908	350645	346927	344195	340774	337195	333721	329835	326228	322896
1974	470913	470191	469160	468028	466583	465049	463512	461262	459426	457187	455055	452726	450504	448288	446178	444073	441773	439579	437391	434912	432341	430172	427910	425948	424382	422331	420091	417663	415242	412925	410999
1975	337282	336064	335022	333461	332078	330696	329404	328029	326571	325115	323152	321195	319582	317721	314434	312420	310162	307830	305507	303028	300560	298102	295575	292815	289989	287098	284223	281364	278442	275537	272805
1976	130995	129436	128037	126550	124779	122829	120756	118705	116676	114669	112869	110904	108873	107176	105717	104401	103227	102060	100860	99585	98446	97107	95739	94343	93163	92073	91272	90355	89722	89170	88737
1977	78023	77521	76878	76133	75392	74691	73891	73053	72070	71053	69945	68949	67831	66791	65762	64808	63894	62928	61941	61025	60209	59342	58513	57808	57052	56360	55675	54966	54237	53514	52799
1978	485035	485874	486084	486294	486294	487029	488080	488712	489132	489975	490608	490608	490186	490502	491030	491451	491346	490818	489659	488080	486189	484406	482627	480851	478766	477309	476581	475439	473366	470780	468614
1979	411663	409408	407256	404916	402873	400642	398707	396487	393792	391106	388812	386238	383863	381306	378663	375653	372564	369206	365587	362446	358769	355383	351925	348753	345506	342008	338350	334798	331269	327844	324352
1980	583870	585264	585381	584451	582592	580161	577965	575543	573010	570138	567732	565327	562702	560311	558151	556564	555883	555883	555996	555316	554182	553505	553052	552600	552034	551130	550342	548988	546962	544266	540904
1981	281644	279872	278106	276426	274353	272210	269918	267794	265447	263031	260551	258007	255555	252963	250688	248275	245951	243936	242079	240230	238243	236338	234515	232410	230532	228807	227018	225095	223252	221208	219244
1982	559516	559061	558492	557810	557356	556677	556110	555542	554862	554069	553279	552373	551356	550116	548762	547525	546062	544153	542136	539896	537328	534655	532099	529882	527226	524797	522264	519846	517434	514917	512295
1983	627576	627696	628659	629623	630705	630825	629141	626256	622658	617995	612995	608252	604114	600108	595179	589220	583521	576925	570827	564644	558492	553279	547863	541688	535546	529992	525460	522044	519956	518967	518528
1984	395041	394367	393792	393023	391871	390436	388621	386334	384053	381874	379606	377346	375465	373498	372377	372377	371442	370602	369485	368554	367813	366512	365217	364384	362907	361250	359685	358035	356297	355018	353470
1985	365587	363461	361432	359042	356663	354470	352196	349659	347129	344968	342545	340042	337726	335241	332325	329599	326883	324352	321746	319409	317340	314935	312115	309390	306679	303898	300877	297789	294390	291011	288060
1986	551243	550003	548875	548088	547412	545949	544041	541688	539004	536104	533433	531213	528995	526452	523584	520176	516557	512732	509140	505666	502204	498647	495745	492744	489751	486554	483260	479874	476391	473026	469360
1987	252051	250461	249028	247374	245951	244234	242599	240748	238977	237215	235244	233353	231398	229526	227447	225166	222899	220928	219106	217083	215349	213486	211632	209924	208224	206466	204716	203042	201377	199719	198268
1988	142287	141064	139796	138326	136711	135211	133619	132090	130775	129369	127825	126390	124820	123215	121672	120285	118767	117308	115677	113923	112142	110380	108727	107178	105645	104299	103223	102069	100967	99999	99120
1989	171438	170717	169879	168984	168091	167025	165668	164026	162568	161235	159966	158704	156765	155293	153998	152711	151208	149825	148341	146866	145456	144161	142875	141436	139849	138326	136763	135314	133926	132497	130977
1990	89189	88648	88071	87459	86810	86129	85338	84478	83771	83328	82739	82116	81534	80882	80304	79659	78947	78169	77326	76489	75797	75006	74222	73444	72537	71772	70979	70192	69445	68606	67775
1991	170597	170179	169939	169760	169580	169222	168806	168151	167262	166374	165492	164669	163909	163149	162219	161061	159851	158646	157560	156765	155745	154616	153437	152097	150598	148999	147357	145781	144054	142340	140695
1992	142768	142022	141171	140271	139481	138693	137908	137074	136347	135726	134953	134285	133721	133210	132548	131787	130876	129921	128820	127626	126390	124967	123700	122635	121672	120715	119571	118296	116982	115492	114015
1993	416883	416784	416784	416685	416388	416388	416290	416191	415996	415897	415699	415206	414219	412646	410781	409016	407061	404916	402582	400157	397740	395234	392831	390723	388908	386810	384623	382345	380076	378003	376123
1994	236625	234442	232482	230460	228592	226732	224811	222828	220717	218546	216388	214243	212043	209924	207817	205724	203711	201643	199521	197478	195516	193693	191946	190144	188289	186381	184549	182604	180609	178627	176658
1995	509249	513168	517105	521713	526231	530880	534989	538445	542694	546512	548649	549552	549552	549439	549213	549213	549777	551921	551921	551020	550342	550229	549326	548201	546512	544378	542024	540456	539116	537775	535992
1996	519956	517653	515133	512732	510117	507509	504907	502204	499399	496280	493491	490924	488576	486234	483579	480507	477549	474393	471244	468314	465184	461753	458129	454414	450920	447642	444784	442035	439194	436463	433540
1997	479557	477549	475443	473657	472083	469986	467791	465601	463104	460406	457819	455651	453695	451432	448769	445907	442850	440107	437879	435556	432835	430323	428019	426618	424723	422632	420348	417971	415600	413040	410388
1998	537775	540008	542136	543929	544828	545612	546399	547525	549439	551695	553166	553955	555089	556223	557469	558492	559403	560652	561564	561906	562134	561906	562362	562474	562020	560994	559855	558606	557015	555089	552939
1999	322962	321399	319755	317857	316224	314508	312625	310835	308881	307271	306004	304738	303393	301965	299873	297789	295713	293893	292162	290436	288551	286755	285291	283991	282696	281162	279389	277146	274672	272289	270313
2000	276586	274513	272289	270155	268030	265758	263574	261711	260010	258161	256396	254638	252659	250612	248877	246624	244383	242228	240083	238022	235972	234078	232192	230244	228161	225878	223606	221489	219524	217499	215488
2001	203644	201510	199389	197544	195579	193952	192785	191752	190658	189695	188544	187462	186255	185117	183984	182730	181479	180174	178997	177765	176597	175436	174218	173067	171739	170358	168865	167321	165786	164026	162336
2002	172522	171378	170358	169162	167794	166611	165374	164026	162626	161177	159851	158532	157446	155858	153886	151985	150376	148999	147521	146161	144592	142928	141489	140113	138850	137595	136555	135572	134541	133465	132192
2003	302552	301045	299541	297956	296544	295135	293565	291832	290189	288551	286919	285372	283585	281806	280033	278266	276346	274274	272765	271103	269131	267089	264900	262798	260783	259008	257010	255020	253115	251143	249632
2004	205656	204514	203644	202708	201310	199786	198136	196299	194472	193239	191881	190208	188544	186826	185054	183544	182416	181292	179987	178627	177211	175741	174218	172885	171619	170238	168627	166788	165080	163383	161697
2005	528773	529105	529438	528773	527558	525902	524576	523035	521493	519626	516995	514589	512079	509358	506857	504474	501879	498968	496065	492851	489751	486767	483897	481248	478183	475232	472186	468628	465393	462065	458543
Max.	**627576**	**627696**	**628659**	**629623**	**630705**	**630825**	**629141**	**626256**	**622658**	**617995**	**612995**	**608252**	**604114**	**600108**	**595179**	**589220**	**583521**	**576925**	**572284**	**571144**	**570005**	**570232**	**568867**	**566936**	**565121**	**562744**	**560710**	**558606**	**557015**	**555089**	**552939**
Min.	**39372**	**38886**	**38473**	**37955**	**37283**	**36519**	**35830**	**35204**	**34588**	**34147**	**33565**	**32963**	**32302**	**31723**	**31280**	**30802**	**30487**	**30228**	**29970**	**29730**	**29471**	**29175**	**28903**	**28603**	**28284**	**27948**	**27523**	**27089**	**26650**	**26209**	**25804**
Ave.	**303327**	**302704**	**302023**	**301327**	**300461**	**299506**	**298457**	**297272**	**296025**	**294739**	**293377**	**291943**	**290504**	**289041**	**287483**	**285939**	**284378**	**282849**	**281274**	**279644**	**277929**	**276252**	**274546**	**272854**	**271118**	**269335**	**267572**	**265781**	**263963**	**262157**	**260349**

ISABELLA RESERVOIR
KERN RIVER BASIN, CALIFORNIA
MIDNIGHT STORAGE

AUGUST

Units in acre-feet

Year	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
1954	44513	43448	42436	41226	40016	38770	37930	37279	36418	35536	34740	33880	33010	32269	31566	30882	30160	29495	28878	28338	27852	27438	27114	26753	26286	25783	25290	24899	24508	24083	23573
1955	25439	25100	24648	24212	23847	23847	24115	24115	24051	23816	23585	23339	23123	22784	22342	21886	21490	21123	20723	20318	19926	19522	19243	19030	18869	18763	18750	18750	18710	18683	18657
1956	250828	248831	246920	244863	242659	240492	237964	235435	232949	230606	227914	225261	222538	219704	216821	213880	210912	208010	205154	202170	199610	198698	197655	196548	195440	194337	193121	192032	190880	189727	188639
1957	146803	145715	144684	143490	142242	141212	140100	139095	138142	137454	136660	135920	135199	134477	133600	132826	132001	131125	130162	129359	128456	127552	126799	126046	125258	124379	123500	122671	121889	121255	120866
1958	367437	363363	359220	355275	351362	347715	344641	341742	338844	335809	332513	329402	326320	323409	320430	318149	315362	312834	310335	307585	304509	301634	298677	295816	292984	289989	287099	284229	281678	279465	277346
1959	93334	92614	91734	90935	89987	89133	88436	87738	87000	86233	85518	84954	84315	83751	83187	82554	81899	81316	80734	80333	80005	79750	79568	79350	79095	78884	78637	78426	78215	78073	77862
1960	55001	54244	53475	52717	52014	51284	50525	49664	48779	47868	46839	45869	45025	44277	43674	43115	42604	42068	41557	41100	40696	40269	39798	39259	38799	38430	38063	37694	37305	36980	36644
1961	30506	29952	29415	28921	28532	28160	27806	27434	27038	26667	26531	26768	26751	26650	26430	26192	25871	25520	25293	25116	24970	24890	24954	25068	25164	25132	25100	24987	24841	24648	24390
1962	129158	128707	128054	127351	126749	126046	125209	124428	123500	122964	122280	121547	120866	120201	119632	119015	118493	117971	117450	116880	116215	115523	114877	114324	113771	113218	112618	112019	111334	110842	110394
1963	336156	333640	330952	328289	325721	323238	320937	319501	318572	316967	315108	312667	310335	307668	304837	301962	299170	296059	293226	290232	287258	284069	281120	278367	276012	273345	270710	267930	265536	263250	260591
1964	122182	121206	120248	119490	118635	117829	117307	116642	115891	115108	114186	113356	112664	112019	111468	110887	110260	109722	109051	108469	107931	107350	106732	106123	105426	104773	104119	103510	102988	102429	101837
1965	275463	274835	273737	272486	271251	270169	268934	267699	266231	264769	263858	263934	263782	263250	262566	261883	261047	260060	258996	257705	256357	254937	253667	252396	251127	249933	248757	247435	246259	244937	243541
1966	138353	137508	136302	135049	133806	132569	131289	130019	128606	127203	125712	124381	123158	121992	120690	119444	118161	116700	115485	114233	113082	111848	110669	109499	108249	107052	106040	104990	103862	102913	101970
1967	524419	522240	519848	517137	513893	510552	506900	503048	499104	494330	489262	484222	478688	473083	467410	461569	454954	448690	441973	435308	428499	421746	414855	408024	401821	396705	391435	386108	381280	377035	372815
1968	166474	164937	163408	161771	160085	158237	156459	154410	152433	150472	148582	146542	144520	142517	141066	139413	137772	136144	134686	133135	131749	131137	130577	130120	129715	129260	128756	128404	128103	127903	127703
1969	551157	548810	545800	542243	538256	534174	531534	528682	523983	519305	515730	511952	507436	503689	499424	495601	491582	487474	483175	478896	474326	469778	465151	460548	456171	451412	447282	443372	439380	435506	431650
1970	263477	261041	258618	255983	253288	250535	247799	245006	242014	239186	236449	233586	230956	228343	225815	223443	221084	218945	216612	214224	212054	209963	207883	205948	204088	202237	200396	198890	197650	196415	195184
1971	187821	185862	183789	181603	179618	177644	175744	173794	171857	169871	167899	165822	163936	162296	160607	158813	156917	155091	153222	151422	149803	148305	146982	145884	144792	143814	142840	142086	141334	140531	139678
1972	74967	74041	73191	72348	71512	70617	69697	68752	67784	66793	65812	64747	63693	62712	61922	61169	60512	59859	59210	58538	57870	57351	56380	55505	54694	53975	53480	53207	52908	52690	52528
1973	319837	317214	314686	312336	309912	307497	305341	302863	300314	298021	295981	293869	291602	289185	286618	284303	283268	280651	277970	275537	272805	270397	267540	265159	263172	261193	259374	258014	256659	255232	253835
1974	409174	407545	404677	402201	399922	397644	395007	392373	389842	386760	384247	381465	378694	375932	373181	370348	367618	364806	361736	359216	356616	354115	351800	349847	347634	345340	342702	340161	337543	335109	332942
1975	270088	267386	264700	261877	258920	255983	253064	250312	247799	245299	242742	240199	237455	234801	232305	229753	226866	223791	221014	218463	216133	213952	211986	210098	208084	206014	203889	201974	200527	199282	198041
1976	88346	87760	86945	86096	85330	84530	83848	83095	82272	81566	80900	80275	79617	79071	78456	77879	77270	76700	76062	75603	75111	74552	73995	73338	72548	71934	71357	70884	70414	69879	69214
1977	51981	51227	50427	49688	48751	47546	46412	45446	44470	43653	42964	42494	42074	41634	41221	40924	40878	40765	41015	41083	41106	41083	40947	40742	40561	40335	40110	39886	39663	39441	39242
1978	466556	464400	461839	459388	457045	454607	451973	449549	446728	444118	441415	438621	435736	432861	429503	426158	422826	419898	416979	414362	411367	408671	405697	402734	399877	397505	394856	392499	390055	387899	385843
1979	320707	317168	313566	309815	306340	302720	299123	295713	292162	288633	285372	282210	278989	275946	273083	270234	267558	265134	262332	259548	256703	253801	251067	248576	246474	244680	242894	241042	239345	237802	236631
1980	537775	534766	531435	528222	524356	520286	516009	512079	508379	504149	500046	495638	490817	485808	480930	476391	471768	466955	462169	457198	452254	447745	443359	438788	433941	429119	424025	419257	415008	411564	408528
1981	217432	215626	213692	212043	210470	208836	207142	205522	203711	201776	200050	198532	196955	195579	194082	192591	191107	189631	188161	186762	185623	184928	184299	183481	182604	181729	180920	180236	179555	178688	178011
1982	509249	505992	502420	498860	495208	491780	488790	485808	482520	478711	474709	470615	466955	463416	459888	456478	452871	449176	445396	441629	437980	434243	430725	427419	424224	421043	418169	415798	413433	410781	408137
1983	519516	521933	524245	525128	522925	520943	519297	518857	518309	518857	519077	518309	517653	516557	516338	516338	515790	515024	516776	518089	517653	516338	514042	511207	507726	504799	501879	498753	494993	492101	489323
1984	351834	349928	347939	345866	343889	341650	339239	336570	333827	331357	328721	326358	323656	321225	319582	317944	316310	314764	313823	313053	312200	311346	310326	309050	307949	306594	305076	303729	302217	300542	298790
1985	285291	282858	280839	278829	276746	274035	271340	268816	266541	264354	262254	259932	257624	255402	253267	251370	249632	247975	246251	244458	242671	240748	238905	237215	235461	233714	232047	230316	229022	227518	226163
1986	465601	462065	458336	454723	451229	447438	443764	440107	436564	433036	429822	426818	423825	420845	417971	414910	411957	408918	406086	403360	400448	397643	395041	392447	389862	387094	384433	381685	379040	376781	374623
1987	197086	195775	194342	193044	191688	190208	188864	187587	186191	184738	183167	181604	180236	178997	177949	176781	175497	174157	172643	171559	170717	169999	169222	168389	167616	166907	166197	165550	164904	164377	163850
1988	97999	97050	96027	95011	94204	93360	92683	92850	90944	90161	89460	88725	88148	87534	86925	86356	85638	84925	84217	83587	82886	82116	81570	81243	80989	80882	81025	80989	80882	80845	80629
1989	129469	127974	126588	125359	124284	123119	121817	120142	118578	117543	116561	115585	114429	113190	112052	111011	110112	109395	108771	108194	107575	107002	106388	105776	105296	104862	104429	103954	103524	103094	102794
1990	66888	65979	65202	64647	64095	63486	62881	62281	61595	60915	60241	59572	58879	58221	57540	56921	56418	55863	55313	54711	54222	53899	53630	53389	53175	52962	52671	52353	52038	51724	51515
1991	138955	137178	135417	133721	131989	130323	128570	126736	124918	123071	121288	119525	117637	115817	114061	112507	111327	110246	109173	108327	107796	107222	106739	106169	105601	104992	104429	103954	103567	103223	103009
1992	112688	111373	110067	108816	107442	106125	104776	103438	102155	100840	99915	99204	98537	97874	97380	97050	96435	95538	94727	94204	93661	93121	92603	92206	91810	91455	91062	90669	90317	89966	89615
1993	374060	371629	369020	366512	364014	361616	359685	357669	355566	353288	351017	348844	346768	344968	343171	341202	339150	337282	335241	333119	331357	329511	327583	325572	323308	321139	319323	317599	315794	313737	311773
1994	174583	172402	170238	168151	166138	164143	162103	160024	157960	155915	153886	151985	150322	148615	146812	145077	143410	141915	140642	139534	138535	137543	136503	135314	134183	133108	132192	131432	130624	129870	129120
1995	533544	530547	526783	522925	519407	515462	510989	506534	501988	496925	492208	487406	482414	477655	472501	466854	461340	456374	451843	447540	443664	439904	436260	433036	429721	426418	422931	419356	415798	412351	409016
1996	430424	427419	424423	421439	418466	415008	411564	408332	405111	401804	398610	395523	392351	388908	385286	381874	378851	375935	372845	369765	366791	364199	361800	359410	356936	354470	352107	349749	347400	345148	343084
1997	407647	404721	401610	398513	395330	392351	389290	386238	383199	380265	377158	374247	371722	369299	366884	364661	362261	359502	356844	354199	351743	349387	347038	344788	342635	340489	338350	336306	334533	332854	331180
1998	550681	549100	548762	547976	546962	544490	540792	537552	533767	529549	525349	521383	516995	512841	508270	504149	499399	494457	490071	485383	481036	476813	472396	468000	463208	458440	453901	449381	445192	440513	436061
1999	268344	265914	263420	261015	258623	256473	254638	252811	250840	248726	246624	244829	243266	242005	240378	238243	236265	234515	233135	231903	230748	229597	228233	226661	225166	223819	222688	221489	219804	217988	216458
2000	213555	211769	209924	208157	206263	204313	202308	200382	198532	196561	194667	192850	190978	189118	187271	185307	183355	181292	179245	177272	175436	173914	172583	171438	170537	169879	169102	168329	167440	166552	165786
2001	160714	159219	157789	156481	155462	154336	153213	151874	150376	149109	147848	146485	145185	143839	142182	140748	139534	138378	137386	136347	135056	133619	132243	131281	130424	129620	128670	127775	127081	126292	125555
2002	130725	129419	128172	126883	125701	124478	123215	122201	121432	120857	120142	119288	118343	117169	115956	114798	113831	112916	111825	110695	109529	108238	107002	106081	105122	104127	103309	102624	102112	101644	101221
2003	248802	247825	246624	245278	243862	242450	240968	239566	238316	236850	234952	232845	230748	228520	226234	224244	222124	219945	217848	215902	213692	211700	210129	208428	206871	205656	204246	202908	201709	200646	199587
2004	160139	158589	157049	155575	154111	152487	150930	149329	147521	145401	143250	141277	139743	138483	137282	136036	134850	133516	132243	131129	130222	129319	128172	126982	125750	124625	123749	123071	122297	121432	120476
2005	455032	451331	447131	442646	438588	434647	430524	426818	423031	419554	416094	412744	409408	405891	403846	400933	398223	395812	393408	390819	387952	384906	381874	378946	376029	373310	370882	368275	365587	362907	360329
Max.	**551157**	**549100**	**548762**	**547976**	**546962**	**544490**	**540792**	**537552**	**533767**	**529549**	**525349**	**521383**	**517653**	**516557**	**516338**	**516338**	**515790**	**515024**	**516776**	**518089**	**517653**	**516338**	**514042**	**511207**	**507726**	**504799**	**501879**	**498753**	**494993**	**492101**	**489323**
Min.	**25439**	**25100**	**24648**	**24212**	**23847**	**23847**	**24115**	**24115**	**24051**	**23816**	**23585**	**23339**	**23123**	**22784**	**22342**	**21886**	**21490**	**21123**	**20723**	**20318**	**19926**	**19522**	**19243**	**19030**	**18869**	**18763**	**18750**	**18750**	**18710**	**18683**	**18657**
Ave.	**258619**	**256869**	**255016**	**253127**	**251176**	**249165**	**247182**	**245268**	**243243**	**241218**	**239229**	**237258**	**235271**	**233313**	**231383**	**229482**	**227577**	**225661**	**223829**	**222037**	**220240**	**218526**	**216815**	**215150**	**213505**	**211917**	**210365**	**208878**	**207437**	**206061**	**204736**

ISABELLA RESERVOIR
KERN RIVER BASIN, CALIFORNIA
MIDNIGHT STORAGE

SEPTEMBER

Units in acre-feet

Year	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
1954	23182	22774	22355	21980	21590	21200	20788	20410	19962	19500	19092	18684	18384	18000	17712	17364	17023	16715	16418	16187	15934	15659	15384	15054	14735	14449	14163	13877	13591	13349	
1955	18643	18617	18590	18550	18324	18080	17877	17625	17347	17044	16646	16287	16012	15773	15626	15469	15333	15232	15187	15176	15165	15154	15131	15120	15097	15086	15029	14916	14815	14714	
1956	187562	186494	185550	184482	183413	182219	180855	179621	178448	177337	175856	174704	173494	172222	170891	169680	168612	167426	166001	164696	163457	162295	161074	160086	158982	157822	156799	155776	154695	153728	
1957	120343	119869	119300	118683	118066	117402	116785	116168	115523	114923	114370	113863	113448	113079	112711	112296	111973	111650	111379	111065	110797	110529	110215	109901	109499	109141	108693	108290	107842	107439	
1958	275463	273580	271637	269397	267544	265845	264313	263478	262718	261807	260743	259528	258465	257402	256506	255236	253966	252695	251201	249933	248537	246994	245671	244496	243541	242442	241575	240636	239625	238614	
1959	77616	77264	76912	76559	76277	75995	75749	75539	75403	75232	75130	75198	75266	75198	75130	75028	74994	74960	74926	74892	74824	74790	74756	74688	74654	74586	74484	74416	74347	74313	
1960	36331	35997	35768	35559	35330	34996	34688	34428	34207	34066	33966	33946	33906	33766	33484	33303	33143	32963	32764	32552	32321	32090	31877	31704	31530	31357	31164	30971	30802	30654	
1961	24099	23893	23677	23416	23092	22738	22357	21960	21564	21123	20667	20234	19954	19786	19618	19442	19283	19269	19230	19150	19057	18963	18856	18803	18790	18710	18643	18550	18431	18364	
1962	109946	109409	108782	108110	107395	106732	106036	105426	104817	104163	103467	102857	102133	101540	100990	100481	99930	99370	98914	98575	98202	97790	97420	97008	96638	96226	95814	95526	95320	95114	
1963	258920	257253	255385	253891	252396	251201	250305	249271	248096	246626	245084	243541	242009	240636	239119	237674	236374	235293	234725	233731	232665	231245	229966	228475	226657	224982	223097	221077	219086	217027	
1964	101455	101286	101244	101159	101074	100947	100778	100566	100396	100226	100099	99888	99591	99295	99083	98787	98532	98366	98243	98078	97955	97790	97667	97543	97461	97379	97255	97131	97049	96967	
1965	242154	240853	239552	238325	237097	235724	234441	233304	232239	231174	230109	228922	227914	226657	225400	224004	222817	222049	221008	220322	219361	218331	217233	216066	214761	213475	212126	210777	209764	208954	
1966	101330	100862	100439	99974	99553	99007	98422	97963	97423	96968	96472	95979	95447	95039	94713	94347	94023	93579	93297	92975	92654	92374	92095	91736	91299	90863	90469	90076	89605	89175	
1967	368436	364987	361285	357691	354472	351000	347280	343316	339462	335543	331732	328544	325201	322130	319159	315949	313007	310246	307414	304679	301875	299084	296470	293869	291360	288702	285978	283030	279861	276712	
1968	127502	127203	126904	126555	126208	125910	125663	125416	125120	124837	124627	124431	124185	124087	123940	123891	123793	123598	123451	123207	123061	123012	122963	122915	122866	122817	122671	122574	122380	122186	
1969	427910	424382	420772	417178	413793	410518	407449	404677	401821	399069	396610	394253	391810	389187	386667	384061	381558	378970	376392	373913	371626	369619	367345	365259	363360	361105	358857	356706	355186	354382	
1970	193828	192477	191196	189600	188519	187378	186303	185232	184227	183413	182725	181915	181044	180175	179185	178383	177583	176723	175866	175133	174524	173916	173127	172521	171796	171254	170772	171171	169692	169093	
1971	138882	138088	137561	137035	136511	135988	135466	135049	134582	134064	133599	133083	132620	132056	131340	130577	129968	129260	128605	127953	127502	127003	126555	126059	125515	125021	124726	124332	124038	123744	
1972	52528	52528	52501	52420	52339	52258	52555	52663	52663	52582	52474	52447	52420	52366	52312	52231	52150	51989	51855	51748	51641	51508	51321	51135	51003	50844	50739	50633	50528	50397	
1973	252915	252170	251129	250164	248980	247799	246474	245373	244128	242814	241577	240271	239186	237959	236880	235731	234729	233729	232732	231665	230956	230107	229471	228554	228061	227358	226516	225675	224488	223443	
1974	330869	328802	326399	323834	321280	318905	316707	314434	312169	309912	307747	305590	303440	301464	299740	297939	296307	295005	293625	292491	291521	290392	289667	288381	287018	285579	284223	282791	281285	279624	
1975	196675	195443	194280	193184	192285	191324	190492	189727	189154	188709	187884	187188	186556	185862	185169	184451	183851	183225	182538	181852	181292	180485	179804	179185	178568	178013	177460	176907	176417	175866	
1976	68487	67799	67148	66565	66083	65507	65061	64681	64523	64713	65316	67375	68257	68553	68619	68586	68553	68520	68553	68553	68520	68520	68520	68586	68520	68520	68520	68487	70012	70280	
1977	39088	38934	38780	38649	38540	38453	38323	38193	38085	37977	37826	37762	37633	37462	37356	37228	37143	37101	37016	36932	36848	36784	36721	36700	36658	36595	36533	36491	36407	36386	
1978	383979	382213	380543	379061	382120	388461	391652	393158	394196	394573	395139	395423	395234	394478	393441	392687	391276	390055	388555	386871	385097	383421	381563	379709	377860	375924	374176	372158	370237	368230	
1979	235607	234806	233932	233062	232265	231543	230748	230172	229454	228735	227948	227089	226234	225451	224811	224102	223323	222547	221841	221208	220576	219874	219314	219036	218686	218546	218337	217918	218057	218267	
1980	405306	401901	398417	394945	391778	388908	386238	383483	380927	378474	376029	373685	371536	369206	366791	364569	362261	359594	357119	354562	352377	350019	347400	344878	342456	340042	337637	335330	332854	330388	
1981	177334	176720	176292	175925	175741	175558	175436	175191	174949	174827	174705	174522	174279	174097	173975	173793	173672	173430	173188	172946	172704	172402	172281	171980	171920	171920	171920	171800	171619	171498	
1982	405696	403360	401224	399479	397740	395812	393600	391490	389099	387189	385382	383388	381117	378663	375935	373404	371069	369020	366791	364661	362538	360421	358219	356480	358402	369020	374247	375559	376029	375465	
1983	486660	484322	481778	478817	475654	472186	468837	465601	462688	459784	456992	453901	450612	447642	444580	441527	438487	435455	432332	429119	425821	422632	419158	416094	412646	409212	405696	402096	399092	396391	
1984	297625	296627	295550	294390	293234	292079	291011	290271	289453	288469	287570	286755	285859	285372	285209	284965	284965	284803	284722	284315	284234	283991	283263	282615	281887	281081	280355	279631	278748	277545	
1985	224740	223394	221982	220928	220155	219594	219106	218546	217778	216805	216180	215833	215626	215280	214934	214381	213417	212660	212181	211495	211015	210197	209311	208360	207546	206668	205656	204985	204313	203510	
1986	372377	370231	367906	365773	364014	362446	360697	358677	356663	354835	353197	351571	349840	348211	346497	344698	343261	341739	340221	338882	337637	336306	334887	333915	332413	331180	330212	329072	328019	326970	
1987	163383	162743	162045	161640	161177	160714	160253	159909	159563	159161	158704	158417	158131	157789	157389	156992	156537	156084	155745	155293	154954	154559	154111	153605	153157	152822	152487	152152	151708	151208	
1988	80268	80089	79982	79803	79481	79089	78734	78415	78169	77922	77746	77535	77396	77256	77151	77046	76906	76697	76489	76212	75935	75762	75625	75522	75384	75281	75178	75178	75109	75075	
1989	102582	102368	102069	101771	101475	101094	100798	100503	100251	99999	99789	99579	99329	99037	98828	98912	98787	98828	98828	98745	98662	98495	98289	97874	97503	97091	96681	96190	95864	95497	
1990	51437	51359	51255	51125	50996	50867	50712	50558	50404	50250	50097	49893	49689	49538	49336	49209	49159	49083	49033	49008	48983	48933	48908	48908	48883	48833	48783	48783	48783	48758	
1991	102794	102709	102453	102155	101942	101814	101686	101644	101518	101306	101221	101094	100925	100798	100713	100629	100461	100377	100251	100083	99747	99455	99204	99037	98912	98703	98579	98495	98413	98330	
1992	89344	89034	88802	88570	88379	88225	88032	87879	87802	87687	87572	87459	87344	87268	87153	87039	86886	86734	86696	86544	86356	86129	85789	85488	85150	84813	84552	84403	84254	84105	
1993	309986	308204	306594	305076	303645	302300	300877	299374	297873	296544	295301	294141	292904	291505	290107	288633	287327	286185	285128	283991	282858	281644	280355	279070	277865	276666	275150	273637	271972	270313	
1994	128371	127626	126883	126193	125506	124869	124284	123700	123071	122587	122153	121769	121432	121145	120857	120667	120476	120285	120047	119761	119430	119145	118956	118767	118625	118483	118389	118201	118060	118296	
1995	405891	403360	401030	399576	397547	395041	392543	390149	387762	385191	382535	379890	377158	374529	371909	369392	366884	364106	361339	358861	356663	354744	352832	350926	348753	346407	344069	341560	339507	337548	
1996	341292	339328	337282	335153	332854	330740	328808	326883	324963	322962	320967	318893	316996	315193	313395	311432	309560	307864	306089	304233	302552	300961	299374	297625	295796	294059	292491	290929	289453	288060	
1997	329335	327756	327320	326183	324876	323743	322353	320621	318977	317254	315450	313908	312710	311517	310071	308711	307441	306256	304991	304064	303141	302217	301128	300040	299290	298706	298206	297625	296793	295879	
1998	431929	428119	424324	421538	419356	417080	414712	412154	409800	407452	405111	402970	400545	397837	395426	393119	390723	388430	386429	384528	382440	380455	378474	376687	374716	373123	371536	369858	368092	366420	
1999	215211	213899	212729	211837	211152	210265	209242	208157	207006	205724	204447	203310	202174	201177	200183	199190	198071	197086	196168	195189	194277	193369	192591	191881	191236	190594	189823	188928	188034	187207	
2000	165080	164319	163558	162801	162151	161582	161119	160599	160139	159621	158932	158131	157334	156481	155745	155067	154392	153661	152934	152264	151430	150709	150101	149494	148945	148231	147466	146757	146106	145564	
2001	124820	124187	123506	122877	122201	121528	120905	120428	119952	119335	118720	118201	117731	117215	116748	116141	115492	114752	114153	113739	113328	112870	112370	111779	111192	110650	110112	109618	109261	108860	
2002	100882	100461	99957	99495	99162	98787	98495	98247	97957	97709	97380	97009	96640	96313	95945	95416	94808	94284	93721	93121	92563	92048	91613	91219	90826	90473	90044	89693	89383	89073	
2003	198532	197544	196823	195972	194993	193952	192850	191752	190721	189695	188800	187906	187144	186318	185370	184360	183355	182479	181604	180857	180049	179121	178133	177088	176108	175191	174340	173550	172764	172039	
2004	119477	118389	117169	115956	114845	113694	112825	111961	111192	110470	109887	109261	108460	107575	106739	105993	105253	104559	103954	103438	102923	102411	101899	101433	101051	100629	100125	99537	98995	98495	
2005	357944	355749	353834	351743	349659	347490	345328	343261	341113	339061	337015	335064	333119	331004	328896	326708	324788	323049	321225	319323	317513	315536	313566	311602	309815	308034	306256	304738	303057	301380	
Max.	**486660**	**484322**	**481778**	**478817**	**475654**	**472186**	**468837**	**465601**	**462688**	**459784**	**456992**	**453901**	**450612**	**447642**	**444580**	**441527**	**438487**	**435455**	**432332**	**429119**	**425821**	**422632**	**419158**	**416094**	**412646**	**409212**	**405696**	**402096**	**399092**	**396391**	
Min.	**18643**	**18617**	**18590**	**18550**	**18324**	**18080**	**17877**	**17625**	**17347**	**17044**	**16646**	**16287**	**16012**	**15773**	**15626**	**15469**	**15333**	**15232**	**15187**	**15176**	**15165**	**15154**	**15131**	**15054**	**14735**	**14449**	**14163**	**13877**	**13591**	**13349**	
Ave.	**203501**	**202342**	**201200**	**200092**	**199120**	**198204**	**197251**	**196294**	**195337**	**194374**	**193438**	**192559**	**191651**	**190723**	**189798**	**188864**	**187955**	**187078**	**186214**	**185361**	**184540**	**183697**	**182847**	**182018**	**181258**	**180667**	**179977**	**179215**	**178459**	**177710**	

ISABELLA RESERVOIR
KERN RIVER BASIN, CALIFORNIA
MIDNIGHT STORAGE

OCTOBER

Units in acre-feet

Year	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
1954	13110	12900	12674	12465	12243	12000	11777	11512	11317	11122	10943	10790	10710	10694	10718	10742	10774	10799	10816	10824	10824	10816	10816	10816	10816	10816	10841	10867	10900	10900	10900
1955	14614	14529	14434	14360	14317	14264	14264	14264	14264	14254	14233	14211	14201	14180	14158	14148	14127	14106	14085	14064	14043	14032	14011	14000	13990	13969	13947	13937	13916	13894	13873
1956	152591	151583	150750	149916	149193	148359	147971	147415	146748	146095	145390	144901	144358	143761	143273	142676	141971	141053	140206	139518	138618	137666	136819	135972	135147	134373	133806	133188	132878	132775	132775
1957	106994	106558	106079	105644	105209	104773	104381	104076	103858	103684	103510	103380	103336	103336	103293	103249	103206	103075	102944	102857	102726	102599	102472	102429	102387	102387	102387	102387	102344	102260	102217
1958	237313	236302	235579	234796	233873	232807	231813	230748	229753	228759	227775	226657	225540	224353	223097	221700	220322	218811	217370	215929	214487	213205	212193	211586	210709	209967	209089	208213	207342	206679	206083
1959	74245	74177	74109	74075	74006	73938	73904	73836	73768	73700	73666	73632	73598	73564	73530	73462	73428	73360	73292	73224	73190	73122	73088	73020	72985	72917	72849	72815	72747	72679	72610
1960	30543	30432	30302	30173	30062	29970	29933	29915	29896	29878	29859	29822	29804	29785	29767	29748	29730	29711	29693	29674	29656	29637	29619	29582	29563	29526	29508	29489	29452	29452	29434
1961	18364	18364	18364	18351	18324	18298	18271	18231	18193	18168	18143	18118	18105	18092	18092	18080	18054	18029	17991	17953	17902	17877	17852	17839	17814	17789	17764	17751	17739	17713	17701
1962	94826	94373	93973	93573	93134	92774	92374	92014	91654	91095	90535	89987	89521	88978	88630	88203	87815	87427	87039	86690	86308	86045	85857	85631	85443	85255	85142	84992	84954	84842	84766
1963	214556	212126	209899	207409	205287	202899	200653	198438	196418	194465	192864	191392	189984	188639	187060	186368	186620	186431	185739	185048	184293	183350	182533	181719	180855	179868	179127	178818	178201	177646	177090
1964	96884	96843	96802	96720	96638	96596	96514	96391	96226	96144	96020	95938	95855	95773	95690	95608	95526	95484	95402	95361	95320	95278	95196	95155	95114	95032	95073	95196	95196	95196	95196
1965	208078	207210	206083	204822	203562	202369	201175	200066	198894	197851	196874	195701	194593	193313	192160	190880	189727	188511	187625	186682	185739	184796	183916	182973	182093	181164	180115	179127	178139	177152	176165
1966	88746	88358	87971	87662	87354	87086	86856	86703	86549	86359	86130	85902	85485	85220	84993	84842	84729	84616	84541	84466	84391	84353	84316	84316	84279	84241	84091	83979	83755	83531	83345
1967	273662	270475	267155	263706	260359	257186	254109	250906	247651	244421	241723	241359	240851	240416	239982	239475	238897	238392	237959	236880	235445	234300	233088	231736	230461	229259	228202	227077	226095	225186	224348
1968	121992	121895	121798	121557	121363	121267	121171	121074	120978	120930	120833	120737	120737	120737	120785	120737	120689	120641	120593	120545	120449	120401	120353	120257	120209	120161	120113	120066	120018	119922	119874
1969	351800	349315	347192	344811	342439	340074	337805	335195	332769	330352	328029	325543	322982	320346	317805	315359	313007	310747	308329	306004	303936	301628	299330	297041	294924	292653	290634	288943	287579	285978	284064
1970	168734	168257	167899	167483	167007	166296	165822	165173	164583	164230	163878	163525	163232	162881	162530	162238	162004	161713	161421	160956	160549	160259	159969	159796	159333	159333	159160	158813	158468	158237	158122
1971	123598	123451	123304	123207	123061	122963	122817	122720	122623	122477	122331	122234	122089	121895	121798	121702	121557	121460	121412	121412	121412	121412	121315	121267	121267	121171	121074	121026	120930	120785	120689
1972	50265	50239	50213	50187	50213	50344	50344	50318	50239	50239	50187	50161	50161	50135	50056	50030	50056	50082	50108	50239	50318	50397	50449	50475	50475	50475	50475	50449	50475	50475	50397
1973	222261	220876	219633	218463	217091	215791	214769	214292	213816	213477	213138	212934	212799	212595	212460	212392	212257	212054	211986	211784	211581	211446	211243	210973	210771	210501	210367	210098	209963	209761	209157
1974	277498	275537	273896	272493	271018	269237	268311	266771	265389	263935	262715	261573	260283	259072	257864	256584	255307	253960	252691	251203	250164	249349	248536	247799	246915	246327	245593	245593	245006	244494	242762
1975	175820	175276	174914	174492	174251	173831	173351	173231	173111	172931	172871	172931	172871	172931	172931	172931	172811	172692	172632	172453	172273	172154	172094	172094	171975	171796	171855	172034	172094	172094	172214
1976	70447	70447	70481	70481	70514	70548	70649	70649	70514	70380	70280	70213	70179	70079	70012	70012	70012	69945	69945	69979	69945	69945	69912	69812	69778	69712	69745	69712	69645	69645	69612
1977	36407	36407	36345	36345	36303	36261	36261	36282	36282	36261	36240	36220	36178	36136	36116	36074	36033	35991	35909	35847	35826	35826	35805	35785	35764	35743	35723	35702	35620	35620	35620
1978	366229	364142	361971	359808	357561	355232	353000	350775	348381	345907	343618	341337	339063	336972	334627	332378	330050	327903	325677	323459	321419	319301	317107	314836	312658	310488	308326	306089	303614	301395	299594
1979	217918	217709	217569	217432	217292	217083	216805	216527	216249	216041	215763	215557	215280	215003	214657	214312	213899	213348	213072	213417	213624	213624	213348	213210	212935	212729	212454	211975	212112	211769	211769
1980	327931	325484	323136	320881	318634	316138	313652	311091	308456	306004	303561	300793	297708	294804	292739	291093	289615	288060	286674	285128	283585	282129	280758	279389	277865	276506	275388	273955	282686	271103	269997
1981	171800	171498	171258	171198	171137	171017	170897	170777	170717	170478	170418	170478	170418	170478	170298	170179	170119	170059	169999	169939	169819	169700	169520	169341	169222	168984	168984	169162	169281	169281	169162
1982	374716	373779	372564	370975	369485	367441	365495	363736	361892	360053	358219	356297	354381	352377	350472	348663	346587	344608	342456	340132	337548	334710	331621	328721	325659	323482	321485	318893	315966	314337	313395
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ISABELLA RESERVOIR
KERN RIVER BASIN, CALIFORNIA
MIDNIGHT STORAGE

NOVEMBER

Units in acre-feet

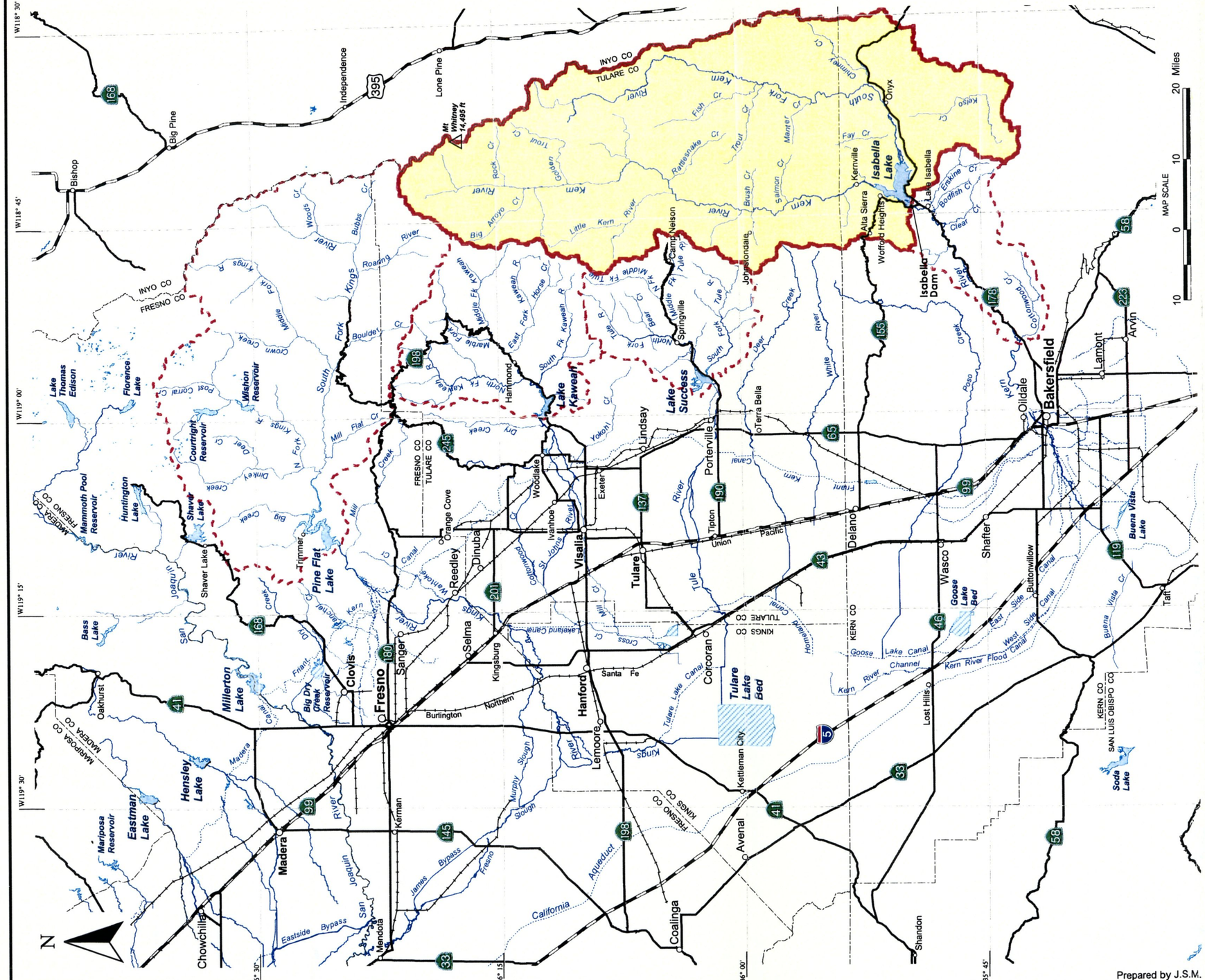
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1997	269289	268423	267403	266306	265134	263964	262798	261633	260551	259625	258700	257624	256626	255708	254714	253801	252963	252051	251143	250612	249783	248877	247900	246999	246326	246101	245951	245652	245352	245128	
1998	305413	303814	301965	299792	297542	295135	292904	290764	288551	286429	284397	282049	279792	277705	275627	273321	271024	268816	266541	264042	261633	259162	256396	253801	251673	249858	248425	246999	245951	244979	
1999	174401	174340	174340	174340	174340	174279	174218	174218	174279	174340	174401	174462	174462	174462	174462	174462	174340	174279	174097	174036	174097	174157	174157	174097	174036	173975	173975	173975	173914	173854	
2000	135417	135365	135314	135314	135211	135262	135262	135159	135159	135107	135107	135056	134953	134953	134901	134798	134695	134592	134490	134387	134234	134183	134234	134285	134285	134285	134337	134387	134387	134438	
2001	99621	99537	99455	99413	99371	99287	99246	99204	99120	99037	98953	99120	99120	99162	99204	99162	99079	99037	98995	98995	98870	98787	98870	99204	100209	100125	100041	99999	100293	100419	
2002	82299	82262	82226	82189	82116	82043	82153	98537	118625	124429	127477	128820	129670	130624	131230	131736	132192	132548	132905	133261	133516	133721	133926	134131	134285	134285	134285	134285	134337	134541	
2003	149935	149825	149715	149604	149604	149604	149549	149604	149770	149825	149825	149770	149715	149604	149439	149384	149439	149439	149384	149274	149219	149219	149164	149109	149054	149054	149054	148999	148999	148999	
2004	94687	94727	94727	94687	94647	94606	94566	94566	94566	94566	94566	94566	94525	94525	94485	94445	94404	94325	94244	94163	94083	94043	94043	94043	94043	94043	94083	94244	94204	94163	
2005	260087	258700	257317	256013	254943	253877	252735	251673	250537	249632	248802	248051	247299	246774	246474	246176	245951	245726	245502	245502	245427	245352	245352	245278	245128	244979	244904	244829	244680	244606	
Max.	**326270**	**324178**	**321919**	**319928**	**317513**	**315278**	**312625**	**310750**	**308456**	**306340**	**305582**	**305244**	**304148**	**302804**	**301380**	**299123**	**297789**	**297042**	**295632**	**296461**	**296544**	**295218**	**295218**	**296211**	**300373**	**301045**	**301296**	**301128**	**300877**	**300710**	
Min.	**10900**	**10900**	**10900**	**10900**	**10892**	**10892**	**10884**	**10884**	**10884**	**10858**	**10841**	**10841**	**10841**	**10841**	**10782**	**10782**	**10702**	**10518**	**10326**	**10110**	**9904**	**9655**	**9442**	**9301**	**9170**	**9050**	**8901**	**8733**	**8593**	**8537**	
Ave.	**157410**	**156990**	**156575**	**156150**	**155703**	**155282**	**154853**	**154762**	**154729**	**154441**	**154122**	**153752**	**153398**	**153059**	**152734**	**152381**	**152080**	**151847**	**151573**	**151281**	**151035**	**150877**	**150683**	**150542**	**150454**	**150259**	**150007**	**149787**	**149603**	**149555**	

ISABELLA RESERVOIR
KERN RIVER BASIN, CALIFORNIA
MIDNIGHT STORAGE

DECEMBER

Units in acre-feet

Year	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
1954	8537	8537	8558	8600	8607	8600	8607	8607	8621	8649	8649	8649	8656	8656	8656	8663	8663	8663	8670	8670	8677	8684	8684	8670	8670	8670	8670	8670	8670	8670	8670
1955	12814	12863	12863	12863	12863	13419	13863	13905	14487	14646	14669	14680	14680	14680	14669	14657	14657	14646	14646	14657	14657	14871	39080	51798	59205	64531	69135	72406	74960	76912	78567
1956	131125	131125	131021	130970	130970	130918	130918	130867	130765	130715	130715	130715	130765	130765	130664	130664	130614	130614	130564	130564	130514	130464	130464	130413	130413	130413	130363	130363	130313	130313	130313
1957	101244	101201	101201	101159	101328	101286	101286	101286	101286	101244	101201	101117	101117	101074	101201	101328	101540	101582	101582	101540	101497	101455	101455	101413	101413	101413	101413	101413	101413	101413	101413
1958	199154	199089	199089	199024	198894	198894	198894	198829	198698	198698	198763	198763	198763	198763	198698	198633	198633	198568	198503	198503	198503	198503	198503	198438	198373	198307	198242	198242	198177	198112	198112
1959	71805	71772	71739	71706	71674	71641	71608	71575	71542	71509	71509	71476	71443	71410	71410	71377	71377	71377	71344	71476	71476	71476	71509	71608	71608	71608	71608	71575	71575	71641	71608
1960	29378	29360	29341	29341	29323	29304	29286	29286	29286	29286	29286	29304	29304	29304	29304	29286	29267	29267	29267	29267	29267	29249	29230	29230	29212	29212	29193	29175	29156	29138	29119
1961	17575	17663	17650	17638	17638	17625	17625	17613	17613	17600	17575	17575	17575	17575	17575	17562	17562	17562	17549	17549	17549	17549	17549	17549	17549	17549	17537	17537	17537	17524	17524
1962	83751	81714	83676	83676	83676	83676	83676	83638	83601	83563	83526	83526	83488	83450	83413	83375	83338	83300	83262	83225	83150	83112	83074	83037	82999	82924	82886	82886	82849	82849	82849
1963	170527	170467	170467	170406	170346	170346	170346	170285	170527	170527	170467	170467	170467	170467	170467	170467	170406	170346	170285	170285	170164	170104	170104	170043	170043	170043	169983	169983	169983	169983	170043
1964	94867	94949	94908	94867	94867	94826	94785	94785	94744	94744	94703	94661	94661	94620	94579	94579	94538	94497	94620	94620	94620	94661	95526	99973	103249	105122	112711	115523	116785	117687	118303
1965	170104	169983	169983	169983	169922	169922	169922	169922	169983	169983	169983	169922	169862	169862	169740	169561	169502	169502	169443	169502	169443	169443	169443	169443	169443	169443	169443	169443	170588	171012	171193
1966	82714	83011	84616	85295	111121	260358	292653	304514	311918	317467	321960	325372	328458	330869	333029	334848	336325	336760	336934	337195	337369	336760	335369	333288	331128	328888	326228	322897	319752	316623	313258
1967	200593	200330	200265	200068	200068	199937	199937	199871	199806	199806	199806	199806	199675	199282	199413	199544	199740	200265	200199	200199	200134	200068	200068	200068	200068	200068	200134	200134	200068	200002	199937
1968	119444	119397	119397	119397	119397	119397	119349	119683	120161	120593	121171	121605	121992	122623	123304	124087	124136	124087	124038	124038	123989	123989	124038	124185	124283	124431	124381	124431	124529	124480	124480
1969	225186	224976	224906	224767	224767	224697	224627	224557	224557	224488	224418	224418	224418	224488	224557	224557	224557	224557	224557	225326	225326	225815	225745	225605	225605	226235	226235	226025	225885	225675	225535
1970	160027	160491	160607	160782	161130	161946	162705	163467	164348	165291	166059	166651	167067	167304	167542	167899	168317	168615	168734	168914	169811	170171	170351	170532	170652	170953	171193	171434	171615	171857	172038
1971	120689	120641	120641	120593	120497	120497	120497	120449	120401	120401	120449	120689	120785	120785	120930	120930	120930	121026	121026	121026	121026	121219	121460	121943	122137	122186	122137	122089	121992	121992	122040
1972	52070	51989	51989	52636	52799	52935	53125	53289	53316	53316	53344	53371	53398	53426	53480	53562	53645	53810	51030	54334	54528	54722	54945	55113	55280	55308	55365	55533	55589	55589	55589
1973	204884	204817	204751	204685	204618	204552	204486	204353	204353	204287	204022	204083	204751	205482	205415	205415	205349	205349	205282	205216	205017	205083	205083	205083	205017	204950	204751	205282	205216	205748	205948
1974	224697	224697	224837	225885	225815	225535	225396	224976	224767	224627	224627	224552	224837	224837	224837	224837	224697	224697	224627	224697	224348	224348	224209	224139	224069	224139	224209	224209	224209	224209	223930
1975	170190	170249	170309	170309	170368	170368	170309	170249	170249	170249	170131	170071	170071	170131	169953	169953	169893	169953	169953	169953	169953	169953	169953	169953	170012	170131	170131	170190	170190	170131	170190
1976	68586	68553	68553	68520	68487	68454	68454	68389	68389	68356	68323	68257	68224	68192	68159	68126	68093	68061	68025	67995	67930	67897	67864	67831	67799	67766	67734	67701	67668	67766	67701
1977	34988	34967	34947	34907	34927	34907	34785	34805	34765	34745	34644	34644	34584	34504	34544	34504	35028	35702	35805	35743	35723	35764	35847	35888	35929	36033	38431	41634	42823	43438	43820
1978	248126	247825	247675	247149	247299	247224	246849	246326	246101	245951	245726	245577	245278	245128	245128	244829	245128	245577	245502	245427	245427	245427	245352	245352	245352	245352	245203	245278	245203	245054	244904
1979	209719	209583	209651	209379	209651	209719	209651	209651	209583	209515	209515	209311	209106	209106	209106	209106	209106	209038	209106	208768	208700	208836	208768	208700	208768	208700	208632	208632	208768	208632	208768
1980	230532	230460	230748	231543	231903	231903	231903	231903	231903	231903	232047	231975	232047	232047	232047	232120	231975	231686	231543	231254	230893	230604	230460	230316	230172	230028	229956	230028	230028	229956	229813
1981	167676	167676	167616	167499	167380	167321	167321	167380	167321	167380	167321	167025	167143	167203	167084	167203	167143	167084	166966	167025	167735	167499	167321	167203	167143	167025	166907	167143	167262	167794	168210
1982	267794	267168	266306	265056	263498	261170	258777	256243	253877	251825	249934	247900	247074	246399	245876	245577	245278	245203	244979	244904	245054	249934	256549	258546	259625	260551	261170	261480	261633	261711	261558
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1985	191688	193304	194733	195059	195124	195059	194993	195189	195189	195320	195320	195254	195254	195320	195385	195450	195516	195385	195385	195385	195320	195320	195320	195254	195189	195189	195124	194993	195124	195385	195516
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1987	142661	142768	142875	143303	143518	143464	143785	143731	143731	143624	143624	143731	143518	143410	143410	143357	143303	143303	143410	143410	143464	143357	143464	143357	143250	143303	143357	143357	143464	143464	143410
1988	73074	73007	73007	72939	72872	72906	72973	72839	72638	72671	72671	72671	72738	72705	72671	72805	72906	72805	72939	73107	73140	73040	73107	73816	74018	73849	73579	73579	73613	73477	73545
1989	89576	89460	89305	89189	88957	88725	88455	88186	87917	87649	87382	87115	86886	86734	86620	86544	86432	86356	86280	86280	86280	86280	86280	86242	86280	86204	86167	86129	86091	86053	85978
1990	46303	46303	46303	46279	46255	46255	46231	46207	46207	46183	46134	46134	46086	46110	46038	45966	45942	45895	45990	46086	46062	46062	46014	45966	46038	46158	46207	46134	46110	46062	46014
1991	92326	92206	92048	91929	91771	91573	91415	91415	91337	91258	91101	90865	90669	90434	90161	89888	89654	89576	89615	89654	89576	89499	89499	89460	89499	89499	89460	89499	89538	89615	89654
1992	82849	82703	82556	82519	82409	82336	82519	82409	82446	82482	82519	82482	82446	82409	82336	82226	82189	82262	82262	82262	82226	82262	82262	82226	82153	82080	82080	82080	82226	82262	82262
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1994	116328	116374	116374	116421	116374	116328	116281	116281	116141	115956	115910	115817	115724	115677	115631	115631	115585	115538	115538	115585	115585	115538	115492	115492	115585	115631	115631	115585	115585	115585	115585
1995	246474	246474	246399	245726	245427	245128	244680	244531	244383	244234	244085	244904	246251	246774	246924	247074	247074	247074	246924	246924	246924	246924	247074	247149	246999	246849	246774	246474	246474	246326	246474
1996	246474	245203	245128	244979	245054	245726	246474	246849	247224	249028	258700	262332	262954	262177	260861	259085	256779	254333	251597	248726	246326	246326	246924	246924	246999	246924	248953	250688	251294	252203	252811
1997	244904	244829	244755	244680	244979	245203	245352	246026	246251	246251	246101	245876	245652	245427	245352	245278	245054	244829	244680	244606	244531	244458	244458	244531	244531	244531	244458	243713	242969	242450	242525
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1999	173672	173491	173370	173188	173127	173006	172885	172825	172583	172462	172341	172220	172160	172100	171980	171920	171860	171739	171679	171498	171198	170897	170717	170657	170597	170537	170358	170179	169999	169819	169341
2000	134438	134438	134337	134029	133772	133465	133159	132803	132497	132192	131736	131331	130927	130574	130273	130122	129971	129820	129670	129569	129469	129469	129469	129519	129519	129519	129469	129469	129469	129519	129519
2001	100461	100545	100840	100798	100713	100587	100587	100545	100503	100461	100377	100419	100419	100503	100629	100587	100545	100545	100503	100503	100629	100671	100713	100713	100671	100671	100671	100713	102240	104689	105906
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2003	148945	148725	148505	148286	148067	147903	147793	147793	147629	147303	147193	147193	147139	147030	147030	147030	146921	146921	146866	146812	146866	146866	146866	146921	148012	148560	148670	148505	148560	148560	148505
2004	94123	94083	94002	93962	93922	93882	93882	93882	93801	93801	93761	93681	93601	93480	93400	93281	93201	93121	93081	93002	92962	92922	92882	92802	92762	92762	92922	93321	93681	93761	94083
2005	244680	246474	247374	247675	247825	247975	248051	248126	248350	248877	249330	249103	248651	248275	247750	247149	246474	246101	246176	246026	245726	245652	245951	245951	245801	246026	246326	245951	246026	245726	246549
Max.	**300040**	**299123**	**299290**	**299040**	**298539**	**297956**	**297789**	**304514**	**311918**	**317467**	**321960**	**325372**	**328458**	**330869**	**333029**	**334848**	**336325**	**336760**	**336934**	**337195**	**337369**	**336760**	**335369**	**333288**	**331128**	**328888**	**326228**	**322897**	**319752**	**316623**	**313258**
Min.	**8537**	**8537**	**8558**	**8600**	**8607**	**8600**	**8607**	**8607**	**8621**	**8649**	**8649**	**8649**	**8656**	**8656**	**8656**	**8663**	**8663**	**8663**	**8670**	**8670**	**8677**	**8684**	**8684**	**8670**	**8670**	**8670**	**8670**	**8670**	**8670**	**8670**	**8670**
Ave.	**149440**	**149369**	**149434**	**149400**	**149847**	**152641**	**153208**	**153360**	**153436**	**153545**	**153744**	**153827**	**153861**	**153860**	**153843**	**153828**	**153794**	**153744**	**153604**	**153596**	**153529**	**153592**	**154186**	**154522**	**154829**	**155084**	**155434**	**155651**	**155788**	**155889**	**155957**



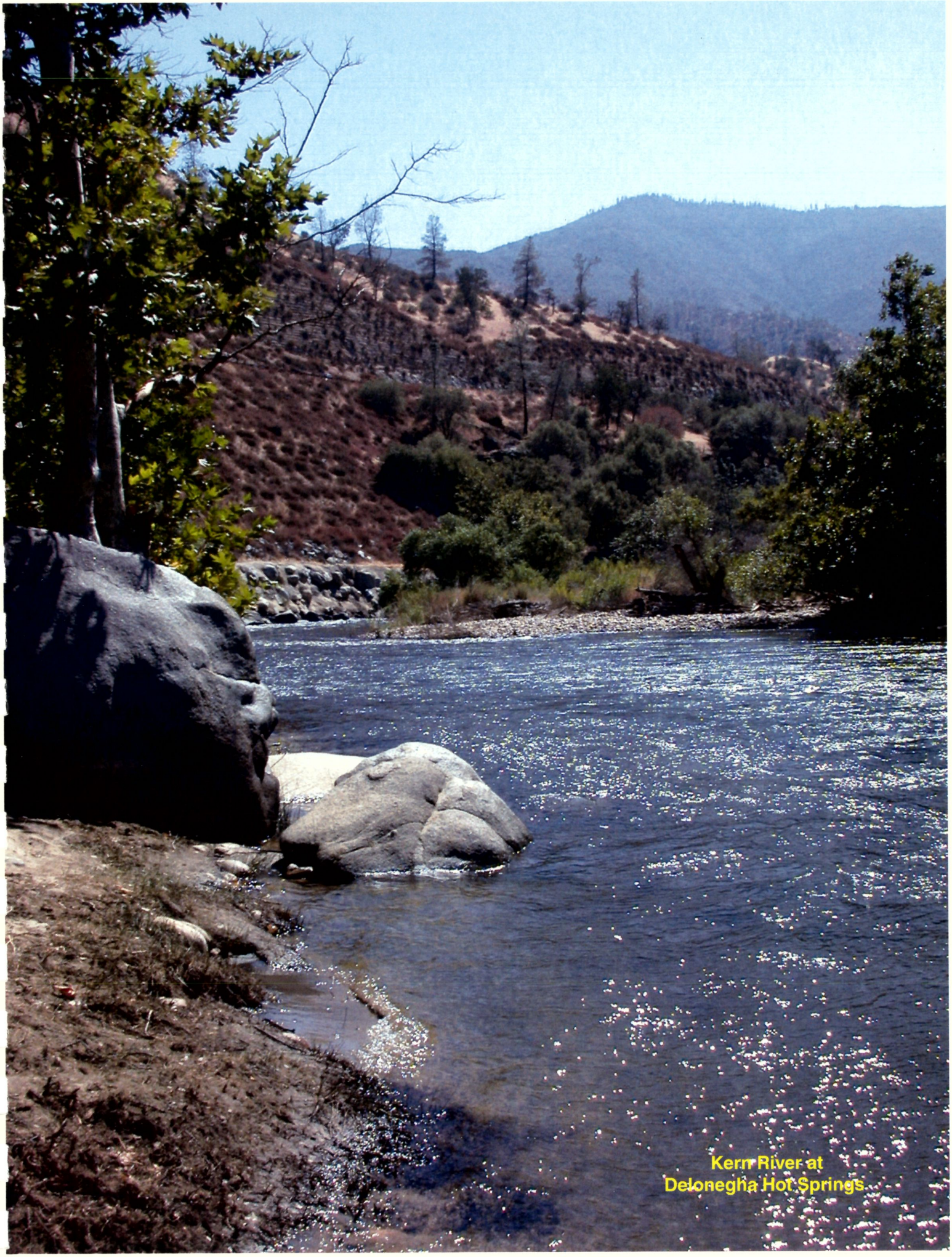
Revised Apr 2006 SHEET 1 OF 2 PLATE 2-1

METRO BAKERSFIELD CANALS

- 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

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





Kern River at
Delonegha Hot Springs



KERN RIVER 2005 HYDROGRAPHIC ANNUAL REPORT

BAKERSFIELD