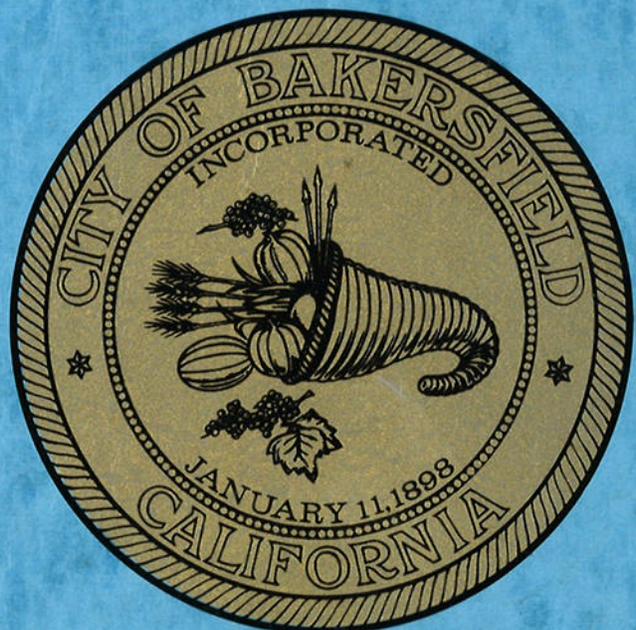


KERN RIVER 1995



Prepared for:

Field Office

North Kern Water Storage District

1995
HYDROGRAPHIC ANNUAL REPORT

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HISTORICAL DATA

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

YEAR	QUANTITY	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEP	OCT	NOV	DEC	TOTAL	MAX.	MIN.	MEAN
Measurements and Estimates were not made prior to September 29, 1893...																	
1893	acre-foot mean s.f.d.	40,847	39,816	61,548	88,974	98,801	64,564	43,061	20,565	14,759	17,179	14,501	28,911	533,326	—	—	—
1894	acre-foot 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-foot mean s.f.d.	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	—	—	—
		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-foot mean s.f.d.	45,951	35,510	58,494	57,864	86,174	146,124	82,760	29,885	18,061	16,401	21,108	21,360	619,892	—	—	—
		747	617	951	972	1,401	2,456	1,346	486	304	267	355	347	—	3,611	223	854
1897	acre-foot mean s.f.d.	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	—	—	—
		373	809	923	2,914	4,580	2,309	1,008	469	298	340	355	422	—	5,342	260	1,234
1898	acre-foot mean s.f.d.	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	—	—	—
		363	434	388	710	735	551	244	120	116	160	166	199	—	1,342	80	348
1899	acre-foot mean s.f.d.	16,185	16,754	36,279	53,133	51,353	79,178	30,046	9,800	6,248	9,852	13,180	17,064	338,872	—	—	—
		263	302	590	893	835	1,331	489	156	105	160	221	278	—	4,932	86	468
1900	acre-foot mean s.f.d.	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	—	—	—
		362	280	413	472	1,111	1,283	392	144	166	160	349	373	—	1,969	101	459
1901	acre-foot mean s.f.d.	30,337	47,760	78,109	83,190	186,448	197,792	114,613	59,536	20,535	19,468	22,429	19,874	880,089	—	—	—
		493	860	1,270	1,398	3,032	3,324	1,864	968	345	317	377	323	—	4,419	226	1,216
1902	acre-foot mean s.f.d.	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	—	—	—
		283	371	790	1,805	1,787	2,165	706	312	197	199	281	269	—	3,758	160	763
1903	acre-foot mean s.f.d.	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	—	—	—
		350	454	579	1,249	2,148	2,340	868	303	191	174	203	201	—	3,374	150	755
1904	acre-foot mean s.f.d.	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	—	—	—
		195	346	667	1,005	1,841	1,748	646	467	267	438	288	241	—	3,167	156	679
1905	acre-foot mean s.f.d.	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	—	—	—
		281	396	823	1,043	1,915	2,231	876	327	211	207	236	261	—	3,247	165	735
1906	acre-foot mean s.f.d.	42,623	34,750	126,844	173,143	360,234	458,418	399,841	141,394	57,925	37,464	29,931	37,983	1,900,540	—	—	—
		693	626	2,063	2,810	5,859	7,704	6,503	2,299	973	609	503	618	—	9,684	222	2,625
1907	acre-foot mean s.f.d.	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	—	—	—
		678	1,023	1,354	3,323	3,252	3,092	1,579	682	414	365	332	351	—	—	—	—
1908	acre-foot mean s.f.d.	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	—	—	—
		453	565	1,058	1,333	1,292	1,013	681	527	366	349	306	298	—	—	—	—
1909	acre-foot mean s.f.d.	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	—	—	—
		1,926	2,252	2,092	4,158	6,223	6,623	3,169	1,077	730	508	577	1,178	—	11,870	295	2,540
1910	acre-foot mean s.f.d.	73,523	48,904	85,085	102,983	127,733	79,464	42,046	24,216	17,201	18,976	18,881	19,969	658,911	—	—	—
		1,196	881	1,364	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-foot	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-foot	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-foot	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-foot	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-foot	22,500	30,254	48,536	80,916	124,506	172,324	77,496	24,668	16,457	14,452	14,858	19,320	646,287	—	—	—
	mean s.f.d.	366	545	789	1,360	2,025	2,896	1,260	401	277	235	250	314	—	4,249	203	891
1916	acre-foot	172,346	202,510	378,116	481,749	472,994	391,700	225,154	56,755	33,808	41,774	30,879	32,364	2,520,149	—	—	—
	mean s.f.d.	2,803	3,521	6,149	8,096	7,693	6,583	3,662	923	568	679	519	526	—	17,962	274	3,481
1917	acre-foot	40,128	44,894	65,242	126,329	165,082	187,638	81,275	36,990	19,698	17,970	18,488	19,370	823,082	—	—	—
	mean s.f.d.	653	808	1,061	2,123	2,684	3,153	1,322	602	331	292	311	315	—	4,331	267	1,137
1918	acre-foot	18,918	18,559	48,087	74,513	78,722	136,753	44,828	20,807	17,562	32,555	22,160	25,039	538,503	—	—	—
	mean s.f.d.	308	334	782	1,252	1,280	2,298	729	338	295	529	372	407	—	3,478	227	744
1919	acre-foot	21,098	23,002	37,973	86,574	140,215	81,844	34,364	16,288	11,722	13,835	13,835	18,325	498,124	—	—	—
	mean s.f.d.	343	414	618	1,455	2,280	1,375	559	265	197	225	233	298	—	4,299	156	689
1920	acre-foot	17,220	18,044	40,397	83,370	158,904	137,840	50,999	22,431	14,949	16,596	19,490	20,703	600,643	—	—	—
	mean s.f.d.	280	314	657	1,401	2,584	2,316	825	365	251	270	328	337	—	4,456	196	827
1921	acre-foot	23,520	30,791	55,402	51,723	100,098	120,387	49,119	18,073	12,595	13,180	12,960	21,673	509,519	—	—	—
	mean s.f.d.	383	554	901	869	1,628	2,023	799	294	212	214	218	352	—	3,548	110	704
1922	acre-foot	30,682	33,846	52,468	84,407	242,259	202,395	88,649	37,061	23,772	17,770	19,835	28,282	861,426	—	—	—
	mean s.f.d.	499	609	853	1,419	3,940	3,401	1,442	603	400	289	333	460	—	5,300	196	1,190
1923	acre-foot	26,863	25,720	31,372	73,355	120,849	82,528	55,800	22,322	18,054	15,495	14,348	13,809	500,515	—	—	—
	mean s.f.d.	437	463	510	1,233	1,965	1,387	908	363	303	252	241	225	—	3,275	179	691
1924	acre-foot	13,676	13,702	15,953	28,540	41,722	14,069	8,225	5,881	5,494	7,642	14,196	18,627	187,727	—	—	—
	mean s.f.d.	222	238	259	480	679	236	134	96	92	124	239	303	—	1,073	74	259
1925	acre-foot	17,992	26,333	31,299	56,408	102,016	96,252	58,437	25,938	11,405	12,906	12,305	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-foot	12,022	15,667	24,739	66,079	98,598	49,530	18,575	9,522	7,029	8,358	28,493	28,094	366,706	—	—	—
	mean s.f.d.	196	282	402	1,110	1,604	832	302	155	118	136	479	457	—	6,511	74	507
1927	acre-foot	20,485	75,279	73,083	100,362	184,721	161,153	75,481	26,817	14,842	14,037	27,180	19,140	792,580	—	—	—
	mean s.f.d.	333	1,355	1,189	1,987	3,004	2,708	1,228	436	249	228	457	311	—	6,571	188	1,095
1928	acre-foot	18,452	17,818	32,668	37,757	76,885	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-foot	13,864	14,654	25,176	39,064	85,995	63,487	30,986	12,797	9,146	8,793	9,035	9,981	322,958	—	—	—
	mean s.f.d.	225	264	409	656	1,399	1,067	504	208	154	143	152	162	—	2,003	119	446
1930	acre-foot	12,234	20,099	34,550	53,506	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-foot	12,284	13,785	15,784	23,440	41,867	24,262	8,493	6,302	6,960	6,817	8,241	17,510	185,845	—	—	—
	mean s.f.d.	200	248	257	394	681	408	138	102	115	111	138	285	—	2,261	71	256
1932	acre-foot	22,235	39,596	69,647	111,273	154,742	166,404	94,013	28,243	13,593	13,942	12,077	12,982	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-foot	17,175	21,021	36,244	57,285	60,026	125,395	56,898	18,892	10,062	10,893	10,776	16,639	441,086	—	—	—
	mean s.f.d.	279	378	589	962	976	2,107	925	304	169	177	181	271	—	3,769	144	609
1934	acre-foot	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-foot	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-foot	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	2,843	3,568	2,303	1,104	536	242	251	266	281	—	4,173	194	1,097
1937	acre-foot	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-foot	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-foot	28,558	33,273	54,119	92,136	92,253	58,400	25,480	18,774	13,712	16,826	13,692	13,850	481,073	—	—	—
	mean s.f.d.	464	599	880	1,548	1,500	981	414	305	230	274	230	225	—	2,028	178	637
1940	acre-foot	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	1,966	3,195	2,445	821	308	222	239	269	451	—	5,454	167	1,087
1941	acre-foot	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-foot	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-foot	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-foot	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-foot	20,783	70,522	63,925	131,248	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-foot	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-foot	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-foot	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	—	2,208	97	454
1949	acre-foot	11,982	12,982	21,136	50,517	84,508	57,885	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-foot	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	188	175	162	1,630	1,268	—	37,000	128	831

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

YEAR	QUANTITY	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEP	OCT	NOV	DEC	TOTAL	MAX.	MIN.	MEAN
1951	acre-foot	32,975	30,018	35,101	48,914	85,039	88,990	38,941	12,966	7,793	9,364	11,958	40,163	442,222	—	—	—
	mean s.f.d.	536	541	571	822	1,383	1,496	633	211	131	152	201	653	—	8,341	69	611
1952	acre-foot	60,367	53,673	84,726	222,633	434,769	302,557	159,856	68,200	30,670	23,417	24,871	35,260	1,500,969	—	—	—
	mean s.f.d.	982	833	1,378	3,741	7,071	5,085	2,600	1,109	515	381	418	573	—	8,530	254	2,073
1953	acre-foot	60,760	40,498	38,709	70,730	86,019	103,164	69,657	21,503	12,730	13,125	15,023	16,915	548,833	—	—	—
	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-foot	22,019	30,361	44,575	101,203	139,719	73,553	39,642	19,198	12,571	12,351	15,328	17,837	528,357	—	—	—
	mean s.f.d.	358	547	725	1,701	2,272	1,236	645	312	211	201	258	290	—	2,948	150	729
1955	acre-foot	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-foot	82,843	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-foot	18,535	26,178	31,357	39,644	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-foot	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-foot	20,592	22,258	33,274	40,566	39,945	32,061	18,013	10,094	9,852	9,989	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-foot	13,363	30,682	31,908	46,272	58,336	47,181	16,683	8,638	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-foot	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	281	142	120	161	200	—	626	99	245
1962	acre-foot	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-foot	27,793	101,595	42,964	69,412	137,839	163,944	105,384	47,008	28,853	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-foot	19,943	17,119	25,146	42,946	61,521	54,658	23,803	14,097	9,025	9,150	14,939	46,919	339,266	—	—	—
	mean s.f.d.	324	298	409	722	1,001	919	387	229	152	149	251	763	—	4,693	120	467
1965	acre-foot	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-foot	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-foot	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	4,365	5,228	3,965	1,542	929	589	581	581	—	7,223	419	1,928
1968	acre-foot	34,052	40,354	48,803	65,584	87,961	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-foot	178,493	111,342	157,595	378,333	617,988	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	596	586	555	—	24,216	344	3,400
1970	acre-foot	66,480	41,419	59,917	63,513	110,057	95,700	50,138	24,224	14,392	13,301	21,519	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-foot	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-foot	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-foot	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	4,994	3,872	1,526	667	387	307	375	452	—	5,886	220	1,353
1974	acre-foot	50,337	29,873	74,247	114,113	183,733	187,740	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-foot	21,521	26,725	42,815	46,602	147,001	140,660	51,917	22,625	17,133	16,209	15,049	18,310	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-foot	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-foot	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-foot	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-foot	34,062	41,825	72,299	102,079	164,935	106,112	46,733	27,243	19,563	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-foot	145,545	168,887	139,620	211,808	287,825	292,877	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-foot	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-foot	37,682	52,966	78,724	212,963	254,985	196,748	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-foot	87,905	138,514	265,543	206,473	478,825	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-foot	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-foot	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	2,397	1,678	673	390	286	268	375	552	—	3,353	208	929
1986	acre-foot	42,668	149,966	204,775	208,147	283,335	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-foot	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-foot	22,677	19,815	30,210	39,594	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-foot	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	—	2,088	123	548
1990	acre-foot	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	46,932	48,774	156,387	143,244	255,046	293,129	237,802	89,657	39,108	24,093	22,268	28,820	1,385,160	—	—	—
	mean s.f.d.	762	878	2,543	2,407	4,148	4,926	3,867	1,458	657	392	374	469	—	8,420	240	1,913

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

YEAR: 1995

October 1893 to Date...

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
Mean Monthly Flow (acre-feet)	35,826	42,514	64,962	99,369	155,730	139,699	72,571	31,381	18,402	17,527	19,695	27,551	725,227
Mean Monthly Flow (second foot days)	583	759	1,057	1,670	2,533	2,348	1,180	510	309	285	331	448	1,001
Maximum Monthly Flow (acre-feet)	178,493	202,510	378,116	481,749	617,968	571,846	399,841	154,935	68,503	53,300	96,968	313,811	
Minimum Monthly Flow (acre-feet)	10,931	9,215	14,221	23,391	25,630	14,069	8,225	5,881	5,494	6,817	8,241	9,148	
Number Months of Record	102	102	102	102	102	102	102	102	102	103	103	103	
Cumulative Monthly Flow (All Months - acre-feet)	3,654,309	4,336,437	6,626,147	10,135,649	15,884,477	14,249,292	7,402,269	3,200,886	1,876,941	1,805,257	2,028,566	2,837,709	
Median Monthly Flow (acre-feet)	23,054	30,488	46,643	73,995	119,064	112,493	48,879	21,848	13,968	14,531	15,915	19,396	540,274
Median Monthly Flow (second foot days)	375	544	759	1,244	1,936	1,891	795	355	235	236	267	315	746

MEAN APRIL - JULY RUNOFF TO DATE = 467,369 AcFt MEAN MARCH - OCTOBER RUNOFF TO DATE = 599,641 AcFt
 MEDIAN APRIL - JULY RUNOFF TO DATE = 354,431 AcFt MEDIAN MARCH - OCTOBER RUNOFF TO DATE = 451,421 AcFt

Year: 1995

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

DISCHARGE IN CUBIC FEET PER SECOND

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	445	731	858	1,293	2,101	2,712	1,707	725	367	302	291	352
2	437	684	895	1,294	2,126	2,679	1,684	700	362	299	290	354
3	427	642	978	1,316	2,165	2,664	1,659	684	354	296	287	370
4	429	597	952	1,313	2,231	2,658	1,631	668	347	293	284	395
5	453	588	969	1,348	2,277	2,669	1,573	642	362	286	287	507
6	444	655	937	1,378	2,323	2,677	1,527	628	368	294	287	1,144
7	443	791	896	1,400	2,356	2,675	1,478	612	344	285	289	531
8	452	732	914	1,427	2,398	2,652	1,430	597	331	291	287	431
9	437	784	1,006	1,455	2,435	2,603	1,385	581	321	291	288	437
10	453	751	1,050	1,483	2,461	2,587	1,343	573	311	286	292	440
11	474	684	1,053	1,588	2,465	2,553	1,295	563	306	283	306	413
12	540	702	996	1,605	2,467	2,538	1,259	550	311	280	310	420
13	562	815	999	1,597	2,493	2,521	1,231	523	301	280	304	405
14	667	773	1,013	1,615	2,524	2,481	1,208	505	291	275	309	393
15	579	773	980	1,635	2,543	2,440	1,171	498	290	276	306	381
16	580	764	1,013	1,680	2,559	2,383	1,146	494	286	276	307	375
17	566	791	1,038	1,700	2,589	2,344	1,113	483	284	283	313	378
18	654	902	1,102	1,730	2,628	2,303	1,084	481	282	280	324	372
19	611	894	1,089	1,774	2,672	2,263	1,051	479	276	280	470	366
20	572	813	1,078	1,821	2,675	2,229	1,025	465	275	282	414	363
21	583	789	1,114	1,862	2,677	2,197	990	446	276	280	362	372
22	685	775	1,098	1,896	2,685	2,167	957	428	275	277	351	396
23	694	779	1,100	1,907	2,673	2,124	940	418	274	278	353	539
24	703	782	1,111	1,922	2,683	2,063	938	405	273	276	380	489
25	931	808	1,154	1,942	2,707	2,008	900	395	291	274	381	488
26	893	809	1,187	1,972	2,754	1,944	875	382	334	281	360	463
27	748	816	1,221	1,991	2,763	1,901	856	380	307	286	377	488
28	706	807	1,226	2,031	2,766	1,851	827	383	289	288	371	464
29	625	863	1,227	2,046	2,782	1,799	794	383	297	287	358	448
30	604	-	1,230	2,078	2,774	1,747	771	378	292	293	392	488
31	666	-	1,268	-	2,762	-	740	372	-	298	-	438
TOTAL	18,063	21,434	32,752	50,099	78,514	70,432	36,588	15,821	9,277	8,836	9,930	13,890
MAXIMUM DAY	931	902	1,268	2,078	2,782	2,712	1,707	725	368	302	470	1,144
MINIMUM DAY	427	588	858	1,293	2,101	1,747	740	372	273	274	284	352
MEAN	583	759	1,057	1,670	2,533	2,348	1,180	510	309	285	331	448
TOTAL AC.FT.	35,826	42,514	64,962	99,369	155,730	139,699	72,571	31,381	18,402	17,527	19,695	27,551
WHOLE YEAR:-	TOTAL,	365,636	MAX.,	2,782	MIN.,	273	MEAN,	1,001	TOTAL AC.FT.,	725,227		

Note:- February total reflects adjustment for Leap Year.

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

Year: 1995

DISCHARGE IN CUBIC FEET PER SECOND

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	345	437	610	1,017	1,588	2,163	1,290	492	263	234	245	284
2	344	428	629	997	1,645	2,210	1,183	466	255	232	257	276
3	343	447	607	953	1,621	2,214	1,168	468	256	227	252	301
4	345	458	625	990	1,675	2,192	1,151	467	262	240	250	313
5	349	457	692	1,043	1,689	2,128	1,077	432	255	227	257	314
6	363	475	666	1,096	1,695	2,141	1,042	426	258	226	255	318
7	362	490	644	1,185	1,692	2,407	979	422	257	231	260	305
8	369	521	620	1,182	1,691	2,277	948	419	249	232	255	302
9	369	534	654	1,194	1,787	2,222	929	390	248	233	258	307
10	363	550	632	1,181	1,864	2,213	877	382	246	230	262	304
11	364	543	643	1,174	1,831	2,284	840	368	240	225	262	309
12	368	555	646	1,144	1,877	2,297	828	372	243	226	266	309
13	372	571	621	1,186	1,994	2,235	833	366	234	229	268	315
14	388	551	659	1,169	1,926	2,198	824	350	227	229	271	318
15	366	534	686	1,163	1,922	2,090	783	342	234	229	269	319
16	373	560	681	1,200	1,888	1,964	735	352	238	236	268	325
17	361	593	705	1,229	2,031	1,848	728	336	231	235	269	322
18	365	606	721	1,261	2,094	1,806	720	325	227	242	270	311
19	378	594	782	1,279	2,133	1,701	697	319	220	247	281	317
20	386	586	804	1,307	2,071	1,611	701	310	219	246	277	318
21	381	572	875	1,334	2,010	1,602	687	306	225	243	267	308
22	378	572	810	1,392	2,021	1,617	637	296	222	236	275	308
23	377	573	874	1,412	2,026	1,570	610	307	215	236	282	334
24	398	576	860	1,446	2,085	1,492	600	307	210	239	280	327
25	382	596	911	1,453	2,100	1,453	601	298	211	237	289	331
26	391	598	971	1,488	2,070	1,435	576	283	222	245	283	316
27	390	617	999	1,480	2,134	1,360	554	298	218	250	271	324
28	398	631	989	1,428	2,177	1,334	529	278	214	247	270	335
29	400	620	944	1,431	2,202	1,348	514	279	214	249	279	325
30	420	-	967	1,492	2,247	1,303	520	279	229	242	276	338
31	435	-	989	-	2,242	-	482	280	-	246	-	346
TOTAL	11,623	15,371	23,516	37,306	60,028	56,715	24,643	11,015	7,042	7,326	8,024	9,779
MAXIMUM DAY	435	631	999	1,492	2,247	2,407	1,290	492	263	250	289	346
MINIMUM DAY	343	428	607	953	1,588	1,303	482	278	210	225	245	276
MEAN	375	544	759	1,244	1,936	1,891	795	355	235	236	267	315
TOTAL AC.FT.	23,054	30,488	46,643	73,995	119,064	112,493	48,879	21,848	13,968	14,531	15,915	19,396
WHOLE YEAR:-	TOTAL,	272,388	MAX.,	2,407	MIN.,	210	MEAN,	746	TOTAL AC.FT.,	540,274		

Note:- February total reflects adjustment for Leap Year.

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	190,743	183,566	240,154	146,509	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	30,809	53,698	86,904	94,112	88,421	56,667	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	57,472	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	126,343	107,605	106,516	32,267	22,792	18,855	19,909	656,068
1980	25,482	27,013	40,594	41,768	46,348	78,405	80,906	51,310	14,324	14,324	18,426	21,578	460,469
1981	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
1982	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
1983	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
1984	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
1985	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
1986	24,117	28,919	43,408	44,894	43,609	68,424	73,047	42,545	18,569	15,824	14,269	14,664	432,309
1987	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
1988	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
1989	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
1990	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
1991	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
1992	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
1993	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
1994	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
1995	146,180	106,247	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	1,244,741	1,425,467	2,201,709	2,866,188	3,505,715	4,717,106	4,648,223	3,503,418	1,780,926	1,461,748	1,155,016	1,041,276	29,551,533
AcFt AVERAGE	29,637	33,940	52,422	68,243	83,469	112,312	110,672	83,415	42,403	34,804	27,500	24,792	703,609
S.F.D. AVERAGE	482	606	853	1,147	1,357	1,887	1,800	1,357	713	566	462	403	971
% OF TOTAL	4.21%	4.82%	7.45%	9.70%	11.86%	15.96%	15.73%	11.86%	6.03%	4.95%	3.91%	3.52%	100.00%

Year: 1995

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

DISCHARGE IN CUBIC FEET PER SECOND

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	433	515	774	968	1,286	1,513	1,902	1,555	899	661	480	411
2	438	524	760	988	1,296	1,561	1,846	1,533	876	675	471	393
3	439	530	763	994	1,290	1,620	1,849	1,561	855	664	467	397
4	449	529	777	997	1,328	1,677	1,809	1,556	847	654	469	404
5	452	527	775	1,009	1,328	1,713	1,837	1,571	824	647	471	418
6	453	537	778	1,005	1,326	1,735	1,858	1,571	800	675	474	512
7	459	535	790	1,027	1,316	1,773	1,877	1,532	777	639	466	429
8	459	541	789	1,062	1,345	1,799	1,901	1,514	758	620	465	415
9	450	656	784	1,098	1,351	1,815	1,904	1,532	737	621	467	402
10	440	629	814	1,120	1,351	1,839	1,894	1,532	724	608	471	397
11	436	580	850	1,138	1,340	1,859	1,872	1,521	714	585	483	389
12	441	574	817	1,150	1,352	1,882	1,874	1,491	699	551	479	382
13	452	588	832	1,151	1,347	1,900	1,869	1,469	695	550	482	367
14	455	591	830	1,156	1,331	1,935	1,880	1,440	692	546	470	358
15	456	608	853	1,176	1,306	1,946	1,877	1,423	685	535	466	365
16	479	600	859	1,185	1,302	1,971	1,858	1,413	682	526	469	356
17	476	594	866	1,191	1,300	2,022	1,823	1,387	676	514	475	361
18	483	605	856	1,195	1,314	2,036	1,787	1,399	665	523	465	380
19	483	613	853	1,209	1,332	2,049	1,783	1,365	654	525	465	378
20	480	636	869	1,201	1,367	2,025	1,747	1,328	649	532	465	375
21	480	641	886	1,197	1,380	2,039	1,778	1,292	647	537	466	377
22	483	647	893	1,204	1,386	2,053	1,753	1,240	649	531	458	393
23	495	661	909	1,215	1,394	2,031	1,751	1,220	652	532	445	410
24	538	685	919	1,229	1,396	2,050	1,733	1,200	651	526	429	421
25	561	682	917	1,238	1,399	2,039	1,714	1,167	652	525	445	423
26	586	688	924	1,246	1,387	2,017	1,713	1,124	648	520	442	421
27	570	702	935	1,264	1,396	1,944	1,703	1,099	645	514	440	433
28	542	716	934	1,258	1,403	1,918	1,682	1,070	642	509	443	433
29	522	707	923	1,258	1,432	1,943	1,665	1,028	652	510	436	428
30	521	-	944	1,277	1,476	1,920	1,648	981	632	504	441	432
31	531	-	956	-	1,525	-	1,610	941	-	488	-	440
TOTAL	14,942	17,111	26,429	34,406	42,082	56,624	55,797	42,055	21,378	17,547	13,865	12,500
MAXIMUM INSTAN.	3,331	8,280	5,691	7,394	6,675	7,576	7,327	4,694	3,103	7,000	2,275	9,289
MINIMUM INSTAN.	111	67	143	181	223	215	349	84	64	40	66	22
MEAN	482	606	853	1,147	1,357	1,887	1,800	1,357	713	566	462	403
TOTAL AC.FT.	29,637	33,940	52,422	68,243	83,469	112,312	110,672	83,415	42,403	34,804	27,500	24,792
WHOLE YEAR:-	TOTAL,	354,736	MAX.,	9,289	MIN.,	22	MEAN,	971	TOTAL AC.FT.,	703,609		

ACCRETIONS TO KERN RIVER BELOW ISABELLA DAM
APRIL 1954 TO DATE

Quantities in acre-feet

<u>Year</u>	<u>Jan</u>	<u>Feb</u>	<u>Mar</u>	<u>Apr</u>	<u>May</u>	<u>Jun</u>	<u>Jul</u>	<u>Aug</u>	<u>Sep</u>	<u>Oct</u>	<u>Nov</u>	<u>Dec</u>	<u>Total</u>
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	820	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	508	1,019	9,962
1994	604	1,351	446	226	(1,152)	(367)	258	746	(89)	208	337	1,435	4,203
1995	4,978	2,805	10,025	5,664	10,025	11,210	10,055	11,347	1,390	2,463	1,784	3,132	74,868
Max. Month	19,079	26,353	37,912	40,391	20,384	13,375	18,659	17,163	7,454	6,473	5,718	14,810	
Min. Month	551	472	446	(51)	(1,854)	(1,528)	(4,348)	(2,100)	(383)	(880)	(433)	669	
AcF Totals	127,788	154,360	202,893	202,093	122,294	97,242	107,789	107,608	45,639	49,447	53,415	98,223	1,368,791
AcF Ave.	3,117	3,765	4,949	4,812	2,912	2,315	2,566	2,562	1,087	1,177	1,272	2,339	32,872
SFD Ave.	51	67	80	81	47	39	42	42	18	19	21	38	45

Year: 1995

Isabella Reservoir Daily Mean Storage (1954-1995)

MIDNIGHT STORAGE IN ACRE- FEET

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	145,031	154,124	164,719	177,248	203,665	271,791	291,025	248,146	195,180	170,408	151,386	142,942
2	145,013	154,503	165,217	177,977	205,102	274,025	290,523	246,473	194,096	169,603	150,967	142,850
3	144,958	154,612	165,644	178,631	206,539	276,087	289,955	244,665	192,997	168,831	150,565	142,920
4	144,944	154,702	166,205	179,225	208,077	277,973	289,393	242,825	191,935	168,055	150,157	142,898
5	145,002	154,772	166,831	179,789	209,563	279,813	288,664	240,899	191,024	167,278	149,721	143,451
6	145,017	154,899	167,238	180,375	211,202	281,545	287,847	238,942	190,184	166,470	149,321	146,904
7	145,044	155,087	167,546	180,932	212,814	283,260	286,906	237,049	189,296	165,728	148,908	147,596
8	145,089	155,405	167,941	181,428	214,448	284,809	285,793	235,211	188,410	164,986	148,524	147,764
9	145,102	155,953	168,293	181,985	216,205	286,224	284,595	233,251	187,517	164,253	148,120	147,857
10	145,147	156,477	168,744	182,545	218,120	287,550	283,341	231,301	186,623	163,522	147,732	147,951
11	145,279	156,770	169,302	183,490	219,989	288,725	282,013	229,410	185,764	162,831	147,368	147,980
12	145,734	157,028	169,691	184,471	221,824	289,812	280,594	227,522	184,963	162,228	146,986	148,018
13	146,344	157,625	169,969	185,387	223,772	290,674	279,164	225,603	184,120	161,591	146,637	148,076
14	146,982	158,099	170,298	186,269	225,753	291,464	277,731	223,720	183,261	160,970	146,292	148,118
15	147,292	158,514	170,529	187,144	227,849	292,062	276,208	221,864	182,404	160,374	145,973	148,150
16	147,737	158,980	170,744	187,977	230,005	292,532	274,727	220,049	181,542	159,812	145,624	148,183
17	148,076	159,449	171,032	188,846	232,218	292,826	273,221	218,221	180,710	159,298	145,316	148,214
18	148,272	160,481	171,266	189,721	234,592	292,989	271,742	216,383	179,896	158,751	145,072	148,227
19	148,580	161,346	171,531	190,616	237,179	293,165	270,190	214,625	179,092	158,199	144,818	148,130
20	148,840	161,969	171,744	191,573	239,829	293,341	268,589	212,917	178,286	157,662	144,531	148,199
21	149,146	162,405	172,066	192,562	242,467	293,427	266,913	211,196	177,521	157,057	144,283	148,189
22	149,422	162,704	172,445	193,583	245,195	293,446	265,293	209,563	176,728	156,486	144,034	148,280
23	149,625	162,961	172,788	194,548	247,921	293,459	263,611	207,927	175,923	155,917	143,822	148,996
24	150,019	163,183	173,150	195,474	250,601	293,313	261,918	206,329	175,145	155,363	143,698	149,409
25	151,292	163,541	173,497	196,429	253,202	293,089	260,201	204,752	174,439	154,786	143,634	149,765
26	151,985	164,054	173,894	197,394	255,883	292,839	258,445	203,220	173,929	154,248	143,483	150,062
27	152,395	164,110	174,358	198,428	258,583	292,662	256,727	201,714	173,295	153,768	143,269	150,433
28	152,636	164,368	174,882	199,574	261,299	292,420	255,001	200,279	172,571	153,277	143,108	150,685
29	152,788	173,716	175,363	200,822	264,017	292,016	253,242	198,895	171,855	153,024	142,972	150,806
30	152,914	-	175,863	202,220	266,648	291,547	251,516	197,599	171,141	152,330	143,004	150,872
31	153,365	-	176,529	-	269,275	-	249,788	196,346	-	151,905	-	150,891
MAXIMUM DAY	153,365	173,716	176,529	202,220	269,275	293,459	291,025	248,146	195,180	170,408	151,386	150,891
MINIMUM DAY	144,944	154,124	164,719	177,248	203,665	271,791	249,788	196,346	171,141	151,905	142,972	142,850

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	0.98	0.11	0.93	0.03	0.00	0.00	0.00	0.00	6.99
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	0.06	0.07	0.00	0.00	0.00	0.02	8.23
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	0.48	0.02	0.64	1.54	0.08	0.45	0.07	0.00	0.00	0.00	0.34	3.79
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	1.07	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	0.77	0.01	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	7.38	0.00	22.11
1968-69	0.35	1.28	1.65	9.56	6.12	1.14	0.95	0.35	0.34	0.27	0.00	0.00	7.67
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	9.22
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	5.54
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	15.95
1972-73	0.66	3.13	2.48	3.96	2.57	2.65	0.25	0.25	0.00	0.78	0.00	0.00	10.58
1973-74	0.11	1.26	1.25	2.75	0.09	2.00	1.95	0.39	0.00	0.00	0.03	0.00	12.46
1974-75	2.30	0.10	2.41	0.65	1.82	2.77	0.49	0.04	0.00	0.00	0.03	1.85	10.10
1975-76	0.41	0.22	0.07	0.02	1.25	1.61	0.86	0.05	0.00	0.41	0.00	5.20	6.38
1976-77	0.23	0.07	0.62	1.50	1.04	0.75	0.00	0.91	0.39	0.00	0.87	0.00	22.37
1977-78	0.02	0.17	5.02	4.51	6.96	3.46	0.87	0.00	0.00	0.03	0.00	1.33	11.44
1978-79	0.02	0.39	0.74	3.24	3.22	2.54	0.00	0.19	0.00	0.03	0.14	0.93	16.56
1979-80	0.95	0.33	0.34	7.71	4.32	1.85	0.51	0.55	0.00	0.00	0.00	0.04	8.53
1980-81	0.09	0.01	0.63	2.65	1.49	3.05	0.23	0.34	0.00	0.00	0.34	0.00	15.32
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	24.34
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	12.25
1983-84	0.63	3.49	3.56	0.00	1.13	0.27	0.51	0.00	0.02	2.01	0.63	0.00	9.18
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	14.65
1985-86	0.10	2.27	1.43	2.94	3.58	3.58	0.10	0.00	0.00	0.38	0.00	0.04	8.65
1986-87	0.24	0.54	0.27	2.65	2.03	1.88	0.10	0.42	0.48	0.00	0.00	0.00	7.76
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	10.46
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	4.48
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	8.08
1990-91	0.01	0.61	0.74	0.99	1.17	4.24	0.03	0.09	0.00	0.00	0.01	0.19	9.34
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	13.41
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	9.07
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	16.75
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	11.15
AVERAGE	0.33	1.19	1.84	2.41	1.97	1.72	0.70	0.22	0.10	0.12	0.19	0.35	11.15
MAXIMUM	2.30	3.49	11.53	9.56	6.96	5.96	2.77	1.03	0.80	2.01	1.20	5.20	24.34
DAILY MAXIMUM	0.96	2.85	5.20	2.21	3.40	1.72	1.45	0.75	0.50	0.88	1.01	3.09	0.96
DATE OF OCCURRENCE	10/17/63	11/20/50	12/05/66	01/04/95	02/01/60	03/04/91	04/02/74	05/19/57	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	77.2	70.7	65.4	79.9	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	60.7	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	61.8	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	67.2	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
Normal	44.0	47.2	50.1	55.4	63.1	72.5	79.1	77.7	71.7	61.8	50.9	44.3	59.8
Maximum	49.7	56.1	56.5	64.1	71.7	79.8	86.8	85.5	77.2	68.5	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	2.08	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	2.36	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	12.21	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	13.61	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	8.73	12.25	15.36	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	5.86	9.45	10.79	11.56	12.36	14.14	14.57	10.53	104.48
1992-93	6.48	4.32	4.37	3.64	4.34	4.99	7.92	10.79	12.15	14.17	13.18	9.66	96.41
1993-94	6.12	3.83	2.33	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
MEAN	6.21	3.34	2.16	2.21	2.82	4.67	7.09	10.31	13.12	14.79	13.29	9.66	89.67

ISABELLA RESERVOIR EVAPORATION

April 1954 to Date

Quantities in acre-feet

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
1954				181	1,662	2,554	2,599	1,563	833	436	192	109	10,129
1955	72	117	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	3,088	1,588	1,107	700	27,379
1958	583	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	6,896	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	3,678	2,370	1,059	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	10,845	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	9,025	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
Average	781	910	1,492	2,354	4,060	5,978	6,802	5,752	4,007	2,577	1,367	838	36,917

KERN RIVER OPERATIONS

1995

KERN RIVER IN REVIEW 1995

Introduction

Fueled by warm pockets of Pacific Ocean water credited to a strong *El Niño* influence, powerful storm systems paraded through California during the months of January and March of 1995, leaving twice the normal Kern River snowmelt runoff in their wake. Record southern Sierra Nevada rainfall amounts in early January announced the arrival of 1995's version of the "Pineapple Express", a warm, moist flow of air originating in the subtropical regions of the eastern Pacific Ocean, noted for its drenching rains. The storm system of March 10-11, 1995 was responsible for epic rain totals along California's Central Coast, and major flooding on the California Aqueduct and Friant-Kern Canal. During the height of the storm, the Kern River Intertie was opened under the direction of Buena Vista Water Storage District in order to allow floodwater from the Aqueduct to be diverted into Kern River, resulting in a peak instantaneous discharge of 5,259 cubic feet per second into the Kern River flood channel.

Precipitation

Monthly precipitation amounts in inches as recorded at selected Kern County stations during the 1994-1995 Water Year were as follows:

	Bakersfield-DWR (Elev. 403 ft.)			Isabella Dam (Elev. 2660 ft.)			Glennville (Elev. 3140 ft.)		
	94-95	Ave.	% of Ave.	94-95	Ave.	% of Ave.	94-95	Ave.	% of Ave.
Oct	0.13	0.30	43%	0.31	0.33	94%	0.73	0.79	92%
Nov	0.98	0.65	151%	1.45	1.19	122%	2.88	2.29	126%
Dec	1.80	0.65	277%	0.71	1.84	39%	2.49	2.70	92%
Jan	2.17	0.98	221%	7.26	2.41	301%	8.46	3.38	250%
Feb	1.17	1.07	109%	1.35	1.97	69%	2.31	2.87	80%
Mar	3.81	0.87	438%	3.83	1.72	223%	7.70	3.29	234%
Apr	0.64	0.70	91%	0.38	0.70	54%	2.10	1.87	112%
May	0.46	0.24	192%	0.55	0.22	250%	1.92	0.58	331%
Jun	0.16	0.07	229%	0.40	0.10	400%	0.47	0.16	294%
Jul	0.00	0.01	0%	0.00	0.12	0%	0.00	0.03	0%
Aug	0.00	0.05	0%	0.51	0.19	268%	0.48	0.18	267%
Sep	0.00	0.13	0%	0.00	0.35	0%	0.06	0.59	10%
TOTAL	11.32	5.72	198%	16.75	11.15	150%	29.60	18.73	158%

The 1994-95 precipitation season was characterized by a pattern of alternating dry/wet months that began in October and ended in June when a abrupt snowstorm swept into the upper Kern River watershed, saturating the Sierra snowpack for the second consecutive month. The storm deposited .40 inches of rainfall at Isabella Dam, 400% of the monthly average.

On January 1, 1995, cumulative water year precipitation to date was below normal throughout the Kern River basin. This was to change abruptly, however, as on January 4, 1995, a rainfall amount of 2.21 inches fell on Isabella, California, the highest single day total ever registered for the month. January 1995 rainfall total of 7.26 inches was the third highest amount measured for the month in the 46-years the Army Corps of Engineers has maintained climatological records at Isabella Dam.

Temperature

Isabella, California 1995, mean air temperatures (°F) with comparative averages were as follows:

	<u>1995</u> <u>Actual</u>	<u>Normal</u>	<u>Variance</u> <u>from</u> <u>Norm</u>		<u>1995</u> <u>Actual</u>	<u>Normal</u>	<u>Variance</u> <u>from</u> <u>Norm</u>
Jan	45.2	44.0	+1.2	Jul	81.0	79.1	+1.9
Feb	56.1	47.2	+8.9	Aug	81.7	77.7	+4.0
Mar	53.8	50.1	+3.7	Sep	76.9	71.5	+5.2
Apr	56.2	55.4	+0.8	Oct	68.5	61.6	+6.7
May	61.4	63.1	- 1.7	Nov	60.8	50.7	+9.9
Jun	71.4	72.5	- 1.1	Dec	48.5	44.1	+4.2

The mean annual temperature at Isabella, California for 1995 was the warmest on record at 63.5° Fahrenheit, 3.7° above normal. Maximum mean air temperatures were set during February and November at 56.1° and 60.8° respectively. November 1995 mean air temperature at Isabella battered the previous high by 4.4° and recorded the years largest deviation from norm of 9.9 degrees. Temperature extremes reached 107° on July 28th with the low of 21° occurring on December 21, 1995.

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, 1995, with April 1st historical average water contents of same shown for comparison:

	<u>Upper</u> <u>Tyndall</u> <u>Creek</u>	<u>Crabtree</u> <u>Meadow</u>	<u>Chagoopa</u> <u>Plateau</u>	<u>Pascoe</u>	<u>Wet</u> <u>Meadow</u>	<u>Tunnel</u> <u>Guard</u>	<u>Casa</u> <u>Vieja</u> <u>Meadow</u>	<u>Beach</u> <u>Meadows</u>
April 1, 1995	34.0	27.7	34.6	53.8	43.2	27.1	29.5	13.2
April 1, Average	27.7	19.8	21.8	24.9	30.3	15.6	20.9	11.0

Southern Sierra snowpack began to exceed normal accumulation levels during the midst of the storm period of January 4-5, 1995. Due to unusual warmth and dryness in the higher elevations of the Sierra Nevada during February 1995, snow water content had shrunk to 120% of March 1st normal levels, and the snowpack was ripening well before its normal time. Early March storms brought significant increases to the Kern basin snowpack, propelling snow water content in the area to over 100% of the April 1st average by the end of the first week. Kern River basin-wide average water content was 32.3 inches on April 1, 1995, 182% of normal.

Forecasts

The State of California, Department of Water Resources, issued the following forecasts of Kern River runoff into Isabella Reservoir for the 1995 April-July snowmelt period:

February 1, 1995:	119% of average (550,000 acre-feet)
March 1, 1995:	106% of average (490,000 acre-feet)
April 1, 1995:	174% of average (800,000 acre-feet)
May 1, 1995:	178% of average (820,000 acre-feet)

Extremely wet conditions throughout the Sierra Nevada mountain range after March 1, 1995, extending through mid-June, made forecasting runoff a very difficult task. Snow sensors were used extensively during the thirty day period between the manual snow course measurements in order to quantify quickly changing conditions in water supply. During the month of March alone, the State of California DWR increased the forecasted snowmelt runoff of the Kern River into Lake Isabella by 310,000 acre-feet over first of the month predictions.

Runoff

Actual 1995 April-July Kern River inflow to Isabella Reservoir was 892,305 acre-feet (194% of average). Peak inflow to the lake occurred on March 11, 1995 at 7,348 cubic feet per second. Calendar year runoff at First Point of Measurement near Bakersfield totaled 1,385,160 acre-feet, 191% of the long-term average (725,227 acre-feet) and 256% of the historical median (540,274 acre-feet).

Storage

A cycle of warming then rapidly cooling temperatures accompanied wet weather patterns during the spring of 1995, contributing to the 2nd latest peak storage date in the 42-year history of Isabella Reservoir operation. On July 18, 1995 reservoir storage reached 551,921 acre-feet, the sixth highest peak storage volume on record. Above average Kern River yield during the 1995 water-year coupled with a 1995-96 winter carryover storage agreement among the Corps of Engineers, Tulare Lake Basin Water Storage District, North Kern WSD, Kern Delta WD, Buena Vista WSD and Hacienda WD resulted in Isabella Reservoir year end storage of 246,474 acre-feet, constituting 43% of the lake capacity and 163% of the average December 31st carryover storage figure of 150,891 acre-feet. The following table summarizes the history of winter carryover storage levels at Lake Isabella:

ISABELLA RESERVOIR
DECEMBER 31st STORAGE
In Order of Magnitude

Year	Storage	Year	Storage	Year	Storage	Year	Storage
1966	313,258	1979	208,768	1956	130,313	1988	73,545
1983	311,944	1973	205,948	1968	124,480	1959	71,608
1982	261,558	1967	199,937	1971	122,040	1976	67,701
1995	246,474	1958	198,112	1964	118,303	1972	55,589
1984	244,979	1985	195,516	1994	115,585	1990	46,014
1978	244,904	1970	172,038	1957	101,413	1977	43,820
1986	244,085	1965	171,193	1991	89,654	1960	29,119
1993	242,525	1975	170,190	1989	85,978	1961	17,524
1980	229,813	1963	170,043	1962	82,849	1954	8,670
1969	225,535	1981	168,210	1992	82,262		
1974	223,930	1987	143,410	1955	78,567		

Operations

Kern River regulated flow during the 1995 calendar year amounted to 1,197,100 acre-feet, 170% of the 1954-1995 average regulated flow at First Point of Measurement of 703,609 acre-feet. Peak regulated flow during 1995 occurred on June 28th, with a mean daily discharge of 3,982 cubic feet per second.

The total water yield of the Kern River drainage basin and its surface storage reservoir in acre-feet during 1995 is summarized as follows:

Kern River Computed Natural Flow	1,385,160	+
Isabella Reservoir Storage Withdrawal	130,887	-
Isabella Reservoir Evaporation	53,589	-
Kern River Diversion Above First Point	3,584	-
Kern River Regulated Flow at First Point	1,197,100	=

The delivery of *Kern River* water to canal and conveyance facilities located below First Point of Measurement during 1995 was as follows:

<u>Delivery Point</u>	<u>Flow in Acre-Feet</u>
Beardsley Canal	307,715
Calloway Canal	174,918
Kern Island Canal	129,588
Eastside Canal	18,303
Stine Canal	35,740
Truxtun Lakes	6,583
Arvin-Edison Turnout	10,601
Buena Vista Canal	34,719
James Canal	29,223
Rosedale Channel	88,087
Berrenda Mesa Spreading Grounds	2,596
Pioneer Property	31,691
Boswell Turnout	5,756
2800 Acre Recharge Facility	57,525
Second Point of Measurement	145,462
Seepage Loss (River & Carrier)	80,345

During 1995, 1,426,111 acre-feet of combined flow from the Kern River (1,197,100 AcFt), Friant-Kern Canal (133,168 AcFt) and Cross Valley Canal (95,843 AcFt) was distributed under City of Bakersfield jurisdiction to meet the irrigation and spreading demands within the Kern River service area and portions of the Kern River fan area. The Kern River channel, utilized extensively throughout the year, accumulated 96,287 acre-feet of recharge and seepage quantities from Kern River, Friant-Kern and State water operations.

The combined efforts of the City of Bakersfield, Buena Vista WSD, Olcese/La Hacienda, and the Kern County Water Agency during 1995 resulted in the spreading of 148,332 acre-feet from all sources in the City of Bakersfield's 2800 Acre Recharge Facility, raising the groundwater levels in the area over 50 feet in elevation.

Deliveries to Second Point of Measurement for Buena Vista WSD via the Kern River Canal and Kern River channel totaled 126,955 acre-feet during 1995. Sources of delivery included Kern River (120,121 AcFt), Friant-Kern (6,235 AcFt) and State Project Water (599 AcFt). Other unit deliveries at Second Point included Hacienda Water District on behalf of Paramount Farming Company (18,649 AcFt), Kern Delta Water District (3,632 AcFt), County of Kern (3,060 AcFt) and the Kern County Water Agency (8,166 AcFt).

Year: 1995

Kern River at First Point of Measurement "Computed Natural"

DISCHARGE IN CUBIC FEET PER SECOND

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	240	768	862	1,763	6,261	5,059	5,567	2,305	861	447	337	333
2	243	837	870	1,800	5,901	4,967	5,432	2,234	904	447	343	349
3	396	803	984	1,854	5,387	5,064	5,345	2,181	936	435	357	363
4	447	760	1,071	1,967	4,944	5,325	5,351	2,166	1,264	417	353	381
5	476	739	1,989	2,035	4,577	5,479	5,446	2,138	1,123	405	352	382
6	398	727	2,516	2,216	4,193	5,415	5,424	2,050	816	408	345	379
7	397	747	1,640	2,307	3,830	4,994	5,312	1,924	793	407	366	359
8	451	735	1,524	2,503	3,571	4,471	5,295	1,812	745	424	360	350
9	461	715	1,409	2,512	3,531	4,145	5,295	1,650	690	432	381	355
10	1,246	655	5,026	2,520	3,611	4,179	5,093	1,590	659	426	389	352
11	1,683	628	8,420	2,515	3,811	4,586	4,510	1,509	650	413	408	488
12	1,493	654	5,281	2,612	3,990	5,130	3,812	1,474	655	403	412	628
13	1,218	698	3,548	2,749	3,993	5,458	3,401	1,390	649	416	418	1,150
14	1,055	1,802	3,348	2,722	3,847	5,452	3,249	1,300	629	402	424	688
15	1,673	1,428	3,033	2,549	3,576	5,185	3,316	1,226	615	403	412	626
16	1,197	989	2,815	2,360	3,317	4,816	3,505	1,166	606	399	408	537
17	746	912	2,520	2,177	3,143	4,441	3,934	1,221	596	403	400	503
18	695	835	2,459	2,099	3,145	4,066	3,967	1,294	582	386	396	448
19	615	815	2,488	1,954	3,362	3,833	3,759	1,286	563	369	395	443
20	616	849	2,729	1,894	3,678	3,766	3,283	1,272	551	368	380	447
21	587	880	2,798	1,807	4,012	3,819	3,152	1,235	555	366	375	473
22	618	920	2,839	1,777	4,244	4,073	3,015	1,260	535	370	358	498
23	635	938	2,647	1,797	4,365	4,452	2,870	1,329	528	366	367	512
24	711	960	2,453	1,919	4,331	5,015	2,660	1,338	504	357	352	489
25	757	959	2,225	2,197	4,175	5,495	2,547	1,268	482	356	366	439
26	948	958	2,100	2,529	4,054	5,755	2,426	1,062	458	356	355	411
27	826	955	1,991	2,866	4,036	5,803	2,483	964	427	365	367	407
28	737	924	1,930	3,228	4,141	5,819	2,581	913	438	367	360	420
29	707	-	1,843	3,491	4,284	5,891	2,673	903	450	356	350	421
30	676	-	1,795	5,500	4,384	5,833	2,655	879	453	349	341	435
31	663	-	1,692	-	4,892	-	2,534	863	-	329	-	464
TOTAL	23,611	24,590	78,845	72,219	128,586	147,786	119,892	45,202	19,717	12,147	11,227	14,530
MAXIMUM DAY	1,683	1,802	8,420	5,500	6,261	5,891	5,567	2,305	1,264	447	424	1,150
MINIMUM DAY	240	628	862	1,763	3,143	3,766	2,426	863	427	329	337	333
MEAN	762	878	2,543	2,407	4,148	4,926	3,867	1,458	657	392	374	469
TOTAL AC.F.T.	46,832	48,774	156,387	143,244	255,046	293,129	237,802	89,657	39,108	24,093	22,268	28,820
WHOLE YEAR:-	TOTAL	698,352	MAX.,	8,420	MIN.,	240	MEAN,	1,913	TOTAL AC.F.T.,	1,385,160		

Year: 1995

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

DISCHARGE IN CUBIC FEET PER SECOND

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	202	568	689	1,206	4,552	4,896	5,251	1,930	663	354	291	257
2	203	621	669	1,255	4,151	4,790	4,968	1,724	684	329	288	253
3	205	603	720	1,264	3,563	4,677	4,837	1,702	791	283	289	251
4	226	571	810	1,338	3,400	5,039	4,917	1,685	836	366	289	253
5	204	561	1,612	1,474	3,268	5,723	5,199	1,679	810	325	291	253
6	170	560	1,789	1,548	2,847	5,450	5,273	1,597	740	321	292	250
7	268	541	1,252	1,602	2,555	4,631	5,022	1,418	662	321	288	256
8	306	585	973	1,704	2,460	3,967	4,807	1,323	629	321	286	255
9	384	525	895	1,662	2,531	3,576	5,323	1,248	594	321	285	253
10	818	486	4,785	1,541	2,675	3,643	5,135	1,166	568	321	284	249
11	1,249	468	5,409	1,563	2,880	4,428	4,133	1,081	549	321	282	251
12	919	462	3,057	1,699	3,116	5,422	3,533	922	496	310	281	403
13	795	457	2,276	1,849	3,107	6,115	2,845	905	465	305	281	583
14	753	1,266	2,005	1,879	2,766	5,710	2,702	866	454	305	280	399
15	1,312	918	1,890	1,681	2,565	4,561	2,819	906	447	305	278	337
16	774	685	1,772	1,547	2,360	4,034	3,018	1,042	439	301	276	318
17	540	610	1,619	1,427	2,222	3,335	3,363	1,101	436	295	276	299
18	467	576	1,523	1,349	2,318	3,037	4,308	1,065	437	293	267	298
19	435	576	1,609	1,290	2,638	2,896	3,298	1,010	415	290	262	296
20	390	616	1,729	1,210	2,968	2,933	2,792	983	407	285	260	285
21	389	662	2,095	1,176	3,528	2,969	2,592	996	400	285	263	278
22	361	688	1,822	1,135	3,749	3,184	2,571	1,035	398	289	262	273
23	409	704	1,714	1,183	3,794	3,716	2,313	1,179	396	293	262	313
24	490	726	1,548	1,307	3,737	4,539	2,123	1,191	391	293	262	305
25	576	728	1,418	1,535	3,588	5,285	1,996	1,051	383	293	261	305
26	612	743	1,313	1,785	3,256	5,737	1,916	921	385	293	262	303
27	525	725	1,259	2,018	3,393	5,681	1,850	844	371	293	260	298
28	491	711	1,242	2,191	3,563	5,493	2,083	798	363	293	259	302
29	472	-	1,197	2,476	3,663	5,605	2,244	768	363	293	261	305
30	461	-	1,157	4,822	4,140	5,558	2,330	704	359	293	259	315
31	490	-	1,170	-	4,530	-	2,088	671	-	289	-	340
TOTAL	15,896	17,942	53,018	49,716	99,883	136,630	107,649	35,511	15,331	9,479	8,237	9,336
MAXIMUM DAY	1,312	1,266	5,409	4,822	4,552	6,115	5,323	1,930	836	366	292	583
MINIMUM DAY	170	457	669	1,135	2,222	2,896	1,850	671	359	283	259	249
MEAN	513	641	1,710	1,657	3,222	4,554	3,473	1,146	511	306	275	301
TOTAL AC.FT.	31,529	35,587	105,160	98,610	198,115	271,002	213,519	70,435	30,409	18,801	16,338	18,518
WHOLE YEAR:-	TOTAL,	558,628	MAX.,	6,115	MIN.,	170	MEAN,	1,530	TOTAL AC.FT.,	1,108,023		

Year: 1995

Kern River at First Point of Measurement "Regulated"

DISCHARGE IN CUBIC FEET PER SECOND

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	243	324	558	1,328	2,446	2,942	3,329	3,946	2,248	1,325	1,108	589
2	246	324	604	1,364	2,368	2,965	3,210	3,527	2,075	1,356	1,014	383
3	255	312	604	1,413	2,300	2,764	3,061	3,797	1,974	1,294	811	370
4	291	302	642	1,457	2,291	2,752	2,909	3,885	1,843	1,189	789	557
5	341	302	798	1,610	2,259	2,687	2,932	3,792	1,997	1,223	777	543
6	299	307	832	1,779	2,193	2,605	3,005	3,827	1,932	1,235	872	503
7	278	308	723	1,834	2,176	2,537	3,098	3,951	1,899	1,186	874	476
8	269	315	685	1,835	2,217	2,590	3,130	3,898	1,812	1,153	898	462
9	266	374	673	1,834	2,271	2,554	3,151	3,815	1,748	1,135	951	411
10	340	397	1,063	1,867	2,405	2,465	3,192	3,771	1,785	1,097	973	385
11	382	395	1,675	1,959	2,454	2,586	3,177	3,816	1,879	1,073	985	387
12	393	393	1,095	2,090	2,488	2,803	3,113	3,703	1,854	1,044	1,022	382
13	338	414	919	2,194	2,482	3,017	3,094	3,653	1,866	1,012	1,059	444
14	306	531	831	2,086	2,471	3,242	3,116	3,606	1,853	960	1,086	465
15	386	482	843	1,871	2,283	3,420	3,218	3,614	1,789	972	1,088	481
16	340	451	767	1,863	1,796	3,257	3,319	3,750	1,732	1,000	1,113	464
17	277	414	719	1,946	1,690	2,995	3,364	3,799	1,765	968	1,108	464
18	306	385	696	1,943	1,805	2,953	3,317	3,686	1,815	951	1,059	449
19	324	382	693	1,853	1,941	2,987	3,341	3,440	1,793	1,057	1,007	463
20	338	377	690	1,714	2,044	3,042	3,430	3,291	1,689	1,133	1,016	452
21	339	383	723	1,696	2,087	3,277	3,297	3,195	1,501	1,210	995	450
22	318	380	764	1,823	2,146	3,656	3,011	3,016	1,396	1,281	985	459
23	329	377	1,078	1,892	2,138	3,800	3,026	2,942	1,350	1,336	969	465
24	334	372	1,123	1,986	2,183	3,684	3,105	2,926	1,333	1,357	959	457
25	354	376	1,185	2,105	2,231	3,710	3,183	2,740	1,457	1,305	965	463
26	399	371	1,249	2,347	2,203	3,802	3,321	2,580	1,514	1,220	948	452
27	365	371	1,306	2,468	2,173	3,812	3,337	2,525	1,507	1,194	979	447
28	352	397	1,345	2,455	2,240	3,982	3,279	2,583	1,550	1,132	853	445
29	338	-	1,328	2,384	2,398	3,791	3,188	2,546	1,421	1,138	770	445
30	333	-	1,319	2,411	2,586	3,582	3,109	2,452	1,347	1,187	758	451
31	323	-	1,321	-	2,827	-	3,226	2,348	-	1,152	-	449
TOTAL	10,002	10,516	28,851	57,407	69,592	94,259	98,588	103,820	51,724	35,875	28,791	14,113
MAXIMUM INSTAN.	453	622	2,117	2,512	2,934	5,062	3,521	3,961	2,310	1,374	1,176	756
MINIMUM INSTAN.	228	308	421	1,311	1,571	2,450	2,832	2,279	655	861	735	89
MEAN	323	376	931	1,914	2,245	3,142	3,180	3,349	1,724	1,157	960	455
TOTAL AC.FT.	19,839	20,858	57,225	113,865	138,034	186,960	195,546	205,924	102,593	71,157	57,106	27,993
WHOLE YEAR:-	TOTAL,	603,538	MAX.,	5,062	MIN.,	89	MEAN,	1,654	TOTAL AC.FT.,	1,197,100		

Year: 1995

Kern River Conduit at Alternate Second Point (Total Flow)

DISCHARGE IN CUBIC FEET PER SECOND

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	0	81	200	151	660	349	297	242	202	56	0
2	0	0	69	200	151	694	322	272	242	206	0	0
3	0	0	67	200	154	717	263	264	241	118	0	0
4	0	0	103	200	141	704	234	271	233	14	0	0
5	0	0	168	203	151	592	237	285	232	19	0	0
6	0	0	169	175	150	547	220	283	231	163	0	0
7	0	0	147	148	165	532	280	306	225	225	0	0
8	0	0	120	149	170	534	361	291	219	247	67	0
9	0	0	113	152	193	538	374	308	216	230	100	0
10	0	0	224	150	200	568	372	309	196	259	111	0
11	0	0	269	148	203	593	331	283	196	215	156	0
12	0	0	235	148	207	580	299	270	197	201	171	0
13	0	0	197	147	204	603	292	284	199	69	171	0
14	0	0	164	148	275	640	329	264	200	0	170	0
15	0	0	160	151	371	638	302	274	210	0	170	0
16	0	0	146	152	405	609	306	278	209	0	170	0
17	0	0	135	151	402	565	302	278	207	0	179	0
18	0	0	141	150	401	519	306	273	208	0	189	0
19	0	0	139	157	427	503	315	252	212	0	199	0
20	0	0	133	140	447	498	305	257	212	0	227	0
21	0	0	133	128	449	517	274	235	218	58	220	0
22	0	0	133	132	453	519	274	214	229	189	234	0
23	0	0	133	134	414	504	276	214	233	199	239	0
24	0	0	161	132	402	464	298	231	225	198	238	0
25	0	0	182	140	404	508	324	216	210	204	238	0
26	0	0	180	141	408	548	367	210	204	197	238	0
27	0	0	190	150	405	514	361	213	203	203	216	0
28	0	0	198	148	415	453	348	231	205	194	129	0
29	0	-	199	152	423	461	342	231	204	198	34	0
30	0	-	202	151	515	428	323	236	209	140	0	0
31	0	-	200	-	628	-	326	243	-	104	-	0
TOTAL	0	0	4,891	4,677	9,884	16,750	9,612	8,073	6,467	4,052	3,922	0
MAXIMUM DAY	0	0	269	203	628	717	374	309	242	259	239	0
MINIMUM DAY	0	0	67	128	141	428	220	210	196	0	0	0
MEAN	0	0	158	156	319	558	310	260	216	131	131	0
TOTAL AC.FT.	0	0	9,701	9,277	19,605	33,223	19,065	16,013	12,827	8,037	7,779	0
WHOLE YEAR:-	TOTAL,	68,328	MAX.,	717	MIN.,	0	MEAN,	187	TOTAL AC.FT.,	135,527		

Year: 1995

Kern River Channel at Second Point (Total Flow)

DISCHARGE IN CUBIC FEET PER SECOND

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	0	0	0	202	0	91	112	0	0	7	0
2	0	0	0	0	168	0	66	109	0	0	29	0
3	0	0	0	5	103	0	50	138	0	0	94	0
4	0	0	0	8	86	0	0	160	0	0	30	1
5	0	0	18	9	128	0	0	199	0	0	2	6
6	0	0	54	20	235	0	0	253	0	0	0	0
7	0	0	34	68	215	0	0	249	0	0	0	0
8	0	0	32	63	216	0	0	180	0	0	0	0
9	0	0	34	62	148	0	0	195	0	0	0	6
10	0	0	110	41	159	0	0	202	0	0	0	60
11	0	0	554	43	107	0	0	257	0	0	0	45
12	0	0	245	76	143	0	0	307	0	0	0	48
13	0	0	38	94	177	0	0	292	0	0	0	56
14	0	0	41	103	161	0	0	263	0	0	0	46
15	0	0	93	117	118	43	0	176	0	0	0	42
16	0	0	88	135	18	67	0	208	0	0	0	48
17	0	0	97	85	7	130	0	197	0	0	0	46
18	0	0	103	87	64	178	0	156	0	0	0	14
19	0	47	67	67	87	213	0	132	0	0	0	11
20	0	136	87	26	89	205	0	149	0	0	0	35
21	0	130	120	18	90	171	74	93	0	0	0	31
22	0	10	53	15	76	222	39	139	0	0	0	7
23	0	0	70	27	69	278	12	115	0	0	0	3
24	0	0	13	43	29	249	0	96	0	0	0	0
25	0	0	0	33	21	229	0	108	0	0	0	0
26	0	0	0	77	16	173	9	142	0	0	0	0
27	0	0	0	111	10	166	3	114	0	0	0	0
28	0	0	15	145	0	239	0	95	0	0	0	0
29	0	-	28	153	0	150	29	88	0	0	0	0
30	0	-	0	168	0	62	50	65	0	0	0	0
31	0	-	0	-	2	-	70	11	-	0	-	0
TOTAL	0	323	1,994	1,899	2,944	2,775	493	5,000	0	0	162	505
MAXIMUM DAY	0	136	554	168	235	278	91	307	0	0	94	60
MINIMUM DAY	0	0	0	0	0	0	0	11	0	0	0	0
MEAN	0	12	64	63	95	93	16	161	0	0	5	16
TOTAL AC.FT.	0	641	3,955	3,766	5,839	5,505	978	9,917	0	0	321	1,002
WHOLE YEAR:-	TOTAL,	16,095	MAX.,	554	MIN.,	0	MEAN,	44	TOTAL AC.FT.,		31,924	

Year: 1995

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

DISCHARGE IN CUBIC FEET PER SECOND

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	0	108	18	95	390	113	50	390	0	134	50
2	0	0	108	18	95	390	113	50	390	0	105	50
3	0	0	108	18	67	443	113	50	390	0	105	50
4	0	0	108	18	40	475	113	50	390	0	116	50
5	0	0	108	18	40	475	113	50	390	0	125	50
6	0	0	108	83	40	503	127	50	390	140	125	50
7	0	0	75	100	40	494	133	17	390	184	125	25
8	0	0	34	100	40	513	133	0	390	206	125	0
9	0	0	15	100	18	530	133	41	390	176	125	0
10	0	0	15	100	0	616	133	99	390	272	125	0
11	0	42	605	105	0	655	123	146	390	258	125	23
12	0	100	900	110	0	518	118	209	390	246	125	35
13	0	58	700	110	0	383	143	298	390	63	125	35
14	0	18	613	110	0	258	155	282	390	0	125	35
15	0	69	781	110	0	96	155	240	390	0	125	35
16	0	100	850	103	150	11	188	181	393	0	125	35
17	0	650	881	100	400	172	172	88	395	0	106	35
18	0	1,200	900	100	540	310	135	44	395	0	173	35
19	0	1,200	850	103	537	310	92	40	395	0	215	35
20	0	1,200	825	105	470	312	58	157	395	0	235	35
21	0	800	859	105	445	113	50	210	422	85	245	44
22	0	400	738	105	433	13	186	250	445	221	245	50
23	0	479	450	105	394	12	255	158	530	204	245	50
24	0	371	168	105	331	10	152	50	580	244	199	50
25	0	191	18	105	315	11	100	249	580	278	160	50
26	0	191	18	105	315	8	66	390	513	282	160	57
27	0	183	18	105	315	0	50	390	455	281	160	65
28	0	171	18	97	345	0	50	390	461	249	160	65
29	0	-	18	95	365	0	83	390	462	267	87	65
30	0	-	18	95	415	13	100	390	211	207	50	65
31	0	-	18	-	410	-	100	390	-	155	-	65
TOTAL	0	7,423	11,033	2,651	6,655	8,034	3,755	5,399	12,482	4,018	4,400	1,289
MAXIMUM DAY	0	1,200	900	110	540	655	255	390	580	282	245	65
MINIMUM DAY	0	0	15	18	0	0	50	0	211	0	50	0
MEAN	0	265	356	88	215	268	121	174	416	130	147	42
TOTAL AC.FT.	0	14,724	21,883	5,259	13,199	15,936	7,448	10,709	24,758	7,969	8,727	2,556
WHOLE YEAR--	TOTAL,	67,139	MAX.,	1,200	MIN.,	0	MEAN,	184	TOTAL AC.FT.,	133,168		

Year: 1995

Friant-Kern Inflow to Poso Creek Channel (Total Flow)

DISCHARGE IN CUBIC FEET PER SECOND

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	0	136	0	0	0	90	47	52	0	0	0
2	0	0	137	0	0	0	88	50	54	0	0	0
3	0	0	138	0	0	0	88	48	53	0	0	0
4	0	0	141	0	0	0	85	53	50	0	0	0
5	0	0	140	0	0	0	85	53	50	0	0	0
6	0	0	139	0	0	0	85	52	50	0	0	0
7	0	0	42	0	0	0	85	47	50	0	0	0
8	0	0	0	0	0	58	86	47	50	0	0	0
9	0	0	0	0	0	101	85	50	51	0	0	0
10	0	0	0	0	0	101	85	54	49	0	0	0
11	0	30	0	0	0	101	85	52	47	0	0	0
12	0	51	0	0	0	98	85	53	50	0	0	0
13	0	52	0	0	0	98	86	54	51	0	0	0
14	0	71	0	0	0	98	86	52	49	0	0	0
15	0	133	0	0	0	98	87	53	45	0	0	0
16	0	154	0	0	0	98	87	52	49	0	0	0
17	0	151	0	0	0	98	82	53	49	0	0	0
18	0	147	0	0	0	98	82	51	46	0	0	0
19	0	147	0	0	0	98	82	47	45	0	0	0
20	0	147	0	0	0	96	85	47	44	0	0	0
21	0	130	0	0	0	96	86	47	44	0	0	0
22	0	123	0	0	0	94	86	50	46	0	0	0
23	0	132	0	0	0	94	86	51	44	0	0	0
24	0	135	0	0	0	98	84	52	45	0	0	0
25	0	137	0	0	0	104	84	51	43	0	0	0
26	0	137	0	0	0	104	84	52	14	0	0	0
27	0	137	0	0	0	104	84	51	0	0	0	0
28	0	137	0	0	0	92	83	45	0	0	0	0
29	0	-	0	0	0	85	86	48	0	0	0	0
30	0	-	0	0	0	85	87	50	0	0	0	0
31	0	-	0	-	0	-	82	49	-	0	-	0
TOTAL	0	2,151	873	0	0	2,197	2,641	1,561	1,220	0	0	0
MAXIMUM DAY	0	154	141	0	0	104	90	54	54	0	0	0
MINIMUM DAY	0	0	0	0	0	0	82	45	0	0	0	0
MEAN	0	77	28	0	0	73	85	50	41	0	0	0
TOTAL AC.FT.	0	4,267	1,732	0	0	4,358	5,238	3,096	2,420	0	0	0
WHOLE YEAR:-	TOTAL,	10,643	MAX.,	154	MIN.,	0	MEAN,	29	TOTAL AC.FT.,	21,111		

Quantities in acre-feet

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

Year: 1995

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
Buena Vista W.S.D. Entitlement	224	190	48,742	39,648	84,105	99,941	71,522	22,782	0	0	0	0	367,154
Hacienda W.D. Entitlement	0	0	658	14,773	28,838	43,305	52,441						140,015
K.C.L. Entitlement @ 2nd Point	12	10	2,132	2,017	4,270	5,175	3,933	1,093	0	0	0	0	18,642
Kern Island (1-st)	18,171	16,661	18,382	17,851	18,446	17,851	18,446	18,446	17,851	18,446	17,851	18,446	216,848
Eastside													
Kern River Conduit													
Castro	288	278	115	121	137	149	87	113	297	294	272	296	2,447
KCC & W Co.	817	815	351	286	410	406	250	325	845	769	724	803	6,801
South Fork	569	555	252	212	295	288	177	240	595	553	517	579	4,832
Buena Vista (1-st)	4,340	4,342	1,861	1,612	2,200	2,220	1,394	1,777	4,570	3,059	2,205	3,610	33,190
James (1-st)	5,448	6,510	2,789	2,420	3,308	3,334	2,083	2,668	5,925	296	44	2,505	37,330
Anderson (1-st)	847	1,093	466	407	547	555	337	438	817			167	5,674
Stine	5,425	7,813	3,485	3,022	4,132	4,165	2,610	3,332	3,969			857	38,810
Meacham	732	1,351	694	601	833	827	530	674	464			60	6,766
Farmers	2,608	4,627	3,485	3,022	4,132	4,165	2,610	3,322	1,739			294	30,004
Plunket	623	835	934	813	1,107	1,117	698	845	280			77	7,329
Joyce	601	573	934	813	1,107	1,117	698	821	188			77	6,929
Johnson	545	206	934	813	1,107	1,117	698	801	157			77	6,455
Pioneer	1,612	494	3,021	2,623	3,580	3,606	2,259	2,569	498			256	20,518
Beardsley (1-st)	694	228	1,396	1,210	1,646	1,664	1,035	1,151	117			40	9,181
Beardsley (NKWSD)													
Lerdo (2-nd)	105	38	226	188	278	276	175	196	20				1,502
Anderson	341	153	934	813	1,107	1,117	698	718	79				5,960
James & Dixon	40	24	125	123	157	157	93	95	12				826
Wilson	24	24	101	65	121	119	82	83	8				617
KCC & W Co.	151	99	609	530	714	712	460	421	22				3,718
McCaffrey	171	115	694	601	829	833	524	371					4,138
McCord: Lerdo	399	266	1,623	1,407	1,934	1,944	1,220	865					9,658
Beardsley	274	175	3,397	2,927	4,677	4,723	2,950	1,148					20,271
Calloway: Central	1,095	698	13,579	11,703	18,706	18,892	11,794	4,582					81,049
NKWSD			638	410	1,103	1,113	698	16					3,978
Railroad: KCC & W Co.			2,533	1,635	4,413	4,449	2,775	65					15,870
NKWSD			1,289	837	2,481	2,495	1,515						8,617
Buena Vista (2-nd)			2,174	948	4,957	5,000	2,743						15,822
James (2-nd)			1,684	629	4,683	4,722	2,362						14,080
Pioneer (2-nd)			1,811	643	6,602	6,666	3,194						18,916
Beardsley (3-rd)			388	151	1,512	1,559	728						4,338
Kern Island (2-nd)													
Computed Loss	676	611	676	655	676	655	676	676	655	676	655	676	7,963
Total 1st Point Group Entitlement	46,608	48,584	106,987	88,823	142,103	149,883	113,839	66,875	39,108	24,093	22,268	28,820	877,991

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

Year: 1995

Quantities in acre-feet

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
FIRST POINT REGULATED FLOW	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
BEARDSLEY CANAL	1,486	7,339	15,626	28,258	33,239	40,548	45,342	39,896	27,273	29,187	22,552	16,969	307,715
CALLOWAY CANAL	2,886	2,339	5,292	13,083	22,695	25,147	31,103	26,428	15,257	14,944	13,178	2,566	174,918
KERN ISLAND CANAL	2,608	5,171	5,357	10,094	11,564	23,341	22,838	22,838	8,315	6,105	5,748	5,609	129,588
EASTSIDE CANAL	0	381	500	1,676	2,380	3,102	3,493	2,955	1,726	1,069	660	361	18,303
STINE CANAL	0	553	1,747	2,317	3,671	7,129	8,204	7,027	2,632	1,224	417	819	35,740
TRUXTUN LAKES	0	0	0	0	904	1,083	1,143	1,225	1,059	657	512	0	6,583
ARVIN-EDISON TURNOUT	799	0	0	0	0	0	0	8,241	0	1,561	0	0	10,601
BUENA VISTA CANAL	0	85	1,398	3,879	3,485	5,282	8,878	9,193	1,517	680	179	143	34,719
JAMES CANAL	0	0	0	0	2,895	4,137	6,936	6,940	4,758	3,395	162	0	29,223
ROSEDALE CHANNEL	6,750	0	6,573	11,572	11,894	9,281	13,581	14,110	9,345	1,083	3,898	0	88,087
PIONEER CANAL	0	0	0	1,781	1,932	8,569	14,188	11,778	0	0	0	0	38,248
BERRENDA MESA SPREADING GROUNDS	0	0	0	0	315	649	284	133	0	1,168	47	0	2,596
PIONEER PROPERTY	0	0	0	0	1,220	4,823	2,216	13,961	9,124	258	89	0	31,691
BOSWELL TURNOUT	0	0	0	0	0	871	1,857	2,025	948	55	0	0	5,756
2800 ACRE RECHARGE FACILITY	105	0	4,288	17,968	8,799	7,267	8,118	8,090	2,890	0	0	0	57,525
CARRIER CANAL LOSS	92	175	798	625	932	1,037	1,164	1,018	782	729	620	282	8,254
RIVER LOSS & SPREADING	5,113	4,815	7,086	9,660	7,964	6,837	8,015	6,161	5,088	7,463	2,645	1,244	72,091
FIRST POINT CANALS TOTAL FLOW	19,839	20,858	48,665	100,913	113,889	149,103	177,360	182,019	90,714	69,578	50,707	27,993	1,051,638
TOTAL FLOW AT SECOND POINT	0	0	8,560	12,952	24,145	37,857	18,186	23,905	11,879	1,579	6,399	0	145,462

1995 Summary of Kern River Water
Diversions by Entity

(Acre-Feet)

<u>Area of Use</u>	<u>Diverted</u>
 <u>Above First Point</u>	
Kern Valley Golf Course	177
La Hacienda, Inc.	1,142
Olcese WD	1,475
Lake Ming	790
 Sub-total	 3,584
 <u>Below First Point</u>	
Arvin-Edison WSD	10,601
Buena Vista WSD	152,867
Cawelo WD	68,967
City of Bakersfield, Irrigation and Spreading (1)	97,870
County of Kern (At 2nd Point)	3,060
Hacienda WD/Paramount	79,232
Improvement District No. 4	69,486
Kern County Water Agency	35,000
Kern Delta WD	221,102
North Kern WSD	339,558
Olcese WD	6,028
Rosedale Ranch Improvement District	16,360
Rosedale Rio Bravo WSD	96,089
South Fork	880
 Sub-total	 1,197,100
 Grand Total	 1,200,684

(1) Includes Kern River Canal & Irrigating Company, Truxtun Lakes, Carrier Canal loss and percolation and Kern River channel loss and percolation.

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

Year: 1995

End of Month Unit Storage

Quantities in acre-feet

STORAGE UNIT	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
Kern Island	2,500	9,499	15,000	15,000	17,762	11,502	5,062	216	2,500	2,500	2,500	2,500	86,541
Buena Vista	1,500	3,314	6,286	8,162	11,000	10,437	6,000	2,000	1,500	1,500	1,500	1,500	54,699
Stine	1,500	4,812	8,608	9,000	9,000	8,588	5,000	1,500	1,500	1,500	1,500	1,500	54,008
Farmers	1,500	3,634	5,679	6,000	6,000	6,000	4,000	2,500	2,000	1,500	1,400	1,500	41,713
Kern Delta State Exchange	0	0	0	0	0	0	0	0	0	5,844	5,025	4,327	15,196
KERN DELTA WD TOTAL	7,000	21,259	35,573	38,162	43,762	36,527	20,062	6,216	7,500	12,844	11,925	11,327	252,157
City of Bakersfield	2,610	3,175	23,854	26,937	49,448	65,068	63,739	45,606	28,133	22,853	15,514	15,742	362,679
Kern River Canal & Irr. Co.	895	1,194	4,522	6,321	11,724	15,981	16,685	15,491	15,495	15,001	14,642	15,059	133,010
South Fork	600	835	1,154	1,749	2,386	2,680	2,775	2,973	3,538	4,153	600	600	24,043
CITY OF BAKERSFIELD TOTAL	4,105	5,204	29,530	35,007	63,558	83,729	83,199	64,070	47,166	42,007	30,756	31,401	519,732
NORTH KERN WSD	74,812	86,439	110,402	108,740	116,525	131,692	121,642	104,990	100,128	80,991	64,513	65,044	1,165,918
TOTAL 1ST POINT STORAGE	85,917	112,902	175,505	181,909	223,845	251,948	224,903	175,276	154,794	135,842	107,194	107,772	1,937,807

KERN DELTA WATER DISTRICT

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

Year: 1995

Quantities in acre-feet

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
Kern River Entitlement	30,544	33,443	28,890	26,495	32,903	32,455	27,303	26,877	28,129	21,505	20,056	23,207	331,807
Release	(24,065)	(13,335)	(5,822)	(6,377)	(6,723)	(1,933)	(1,025)	(1,355)	(14,383)	(14,049)	(13,899)	(16,513)	(119,479)
Entitlement + or - Releases	= 6,479	20,108	23,068	20,118	26,180	30,522	26,278	25,522	13,746	7,456	6,157	6,694	212,328
Into Isabella Storage	3,916	14,368	15,271	2,989	6,271	448	0	158	4,625	104	80	314	48,544
From Isabella Storage	0	0	752	6	218	7,019	15,829	13,703	3,146	466	96	168	41,403
From City of Bakersfield	0	0	0	0	0	0	0	0	0	0	0	0	0
From Buena Vista WSD	0	0	0	0	0	0	0	0	0	0	0	0	0
To City of Bakersfield	0	0	0	0	0	0	0	0	0	0	0	0	0
Storage Transfer/Exch.	0	0	0	0	0	0	0	0	0	0	0	0	0
Carrier Canal Loss	0	163	0	0	0	0	0	0	0	0	0	282	445
To North Kern WSD	0	0	0	0	0	0	0	0	0	0	0	0	0
Via Cawelo Water District	0	0	0	0	0	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0	0	0	0
Diversified at Heads of Canals	= 2,563	5,577	8,549	17,135	20,127	37,093	42,107	39,067	12,267	7,818	6,173	6,266	204,742
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	= 2,563	5,577	8,549	17,135	20,127	37,093	42,107	39,067	12,267	7,818	6,173	6,266	204,742
Utility Deliveries	1,178	2,446	3,893	10,129	12,664	27,520	32,915	31,311	6,760	2,867	2,314	3,610	137,607
Contract Deliveries	0	223	435	586	657	1,160	728	448	369	513	538	226	5,883
Total Irrigation Deliveries	- 1,178	2,669	4,328	10,715	13,321	28,680	33,643	31,759	7,129	3,380	2,852	3,836	143,490
Canal Conveyance Losses	= 1,385	2,908	4,221	6,420	6,806	8,413	8,464	7,308	5,138	4,438	3,321	2,430	61,252
Delivery Percentage	46%	48%	51%	63%	66%	77%	80%	81%	58%	43%	46%	61%	70%

Reservoir Evaporation Loss	28	109	205	394	453	664	636	301	195	138	84	46	3,253
End of Month Reservoir Storage	7,000	21,259	35,573	38,162	43,762	36,527	20,062	6,216	7,500	7,000	6,900	7,000	

Year: 1995

Total Flow via the Kern Island Canal Headgate

DISCHARGE IN CUBIC FEET PER SECOND

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	31	73	149	69	209	426	444	459	284	111	85	100
2	28	73	175	72	222	416	407	453	207	111	82	83
3	22	81	184	80	224	410	353	441	181	109	83	81
4	2	79	166	113	228	390	318	417	158	107	70	102
5	3	78	165	138	164	394	301	350	117	120	53	111
6	15	73	155	181	93	399	351	318	136	121	73	146
7	15	96	132	210	95	420	386	347	161	113	65	206
8	15	106	137	230	105	407	378	339	156	100	68	201
9	13	100	130	226	133	379	380	336	136	88	86	199
10	1	95	92	225	159	352	357	380	131	96	98	193
11	0	98	78	234	162	347	324	443	152	92	100	189
12	24	98	87	254	152	352	307	431	138	85	92	166
13	25	94	98	282	148	359	327	407	125	82	99	148
14	25	85	115	274	155	375	332	393	123	87	93	171
15	25	75	114	203	155	384	348	394	107	98	90	169
16	24	73	87	132	132	369	373	424	115	99	114	107
17	58	81	75	165	147	320	385	443	120	90	116	23
18	66	84	57	148	153	262	353	395	149	90	100	21
19	80	83	53	127	164	271	284	361	130	96	35	19
20	84	104	38	125	151	293	293	378	133	99	23	13
21	82	109	32	116	152	340	329	414	124	98	26	13
22	79	102	18	118	182	382	376	390	114	98	47	19
23	81	98	35	112	194	440	365	340	108	123	83	19
24	79	117	38	111	219	464	390	338	121	122	129	19
25	82	95	35	135	264	462	406	345	134	113	165	27
26	63	101	34	187	253	466	431	301	131	107	164	47
27	57	118	38	220	199	472	458	282	135	89	181	55
28	56	138	47	207	220	474	456	292	128	75	174	54
29	60	-	45	198	257	474	435	294	119	76	147	50
30	59	-	44	197	325	469	427	306	119	92	157	40
31	61	-	48	-	414	-	440	303	-	91	-	37
TOTAL	1,315	2,607	2,701	5,089	5,830	11,768	11,514	11,514	4,192	3,078	2,898	2,828
MAXIMUM DAY	84	138	184	282	414	474	458	459	284	123	181	206
MINIMUM DAY	0	73	18	69	93	262	284	282	107	75	23	13
MEAN	42	93	87	170	188	392	371	371	140	99	97	91
TOTAL AC.FT.	2,608	5,171	5,357	10,094	11,564	23,341	22,838	22,838	8,315	6,105	5,748	5,609
WHOLE YEAR:-	TOTAL,	65,334	MAX.,	474	MIN.,	0	MEAN,	179	TOTAL AC.FT.,	129,588		

Quantities in acre-feet

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

Year: 1995

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
River Entitlement	18,171	16,661	18,770	18,002	19,958	19,410	19,174	18,446	17,851	18,446	17,851	18,446	221,186
Release	-	15,614	5,051	7,448	3,571	0	0	0	7,744	12,928	12,379	13,160	86,523
Entitlement + or - Releases	=	2,557	11,610	10,142	16,387	19,410	19,174	18,446	10,107	5,518	5,472	5,286	134,663
Into Storage	-	12	7,046	159	3,164	165	0	0	2,330	48	30	16	18,566
From Storage	+	0	0	0	218	6,177	6,250	4,798	0	0	0	0	17,443
From City of Bakersfield	+	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
Transfer in Storage	+/-	0	0	0	0	0	0	0	0	0	0	0	0
Eastside Canal Entitlement	-	0	0	1,099	1,692	2,017	2,563	1,171	0	0	0	0	8,756
To City of Bakersfield	-	0	0	0	0	0	0	0	0	0	0	0	0
Diverted at Head	=	2,545	4,564	9,296	11,749	23,405	22,861	22,073	7,777	5,470	5,442	5,270	124,784
Utility Deliveries	1,161	2,323	1,689	5,584	7,793	18,067	18,184	18,403	4,670	2,201	2,183	3,368	85,626
Contract Deliveries	0	223	435	547	536	1,077	707	442	369	513	538	226	5,613
Total Irrigation Deliveries	-	1,161	2,546	6,131	8,329	19,144	18,891	18,845	5,039	2,714	2,721	3,594	91,239
Canal Conveyance Losses	=	1,384	2,018	3,165	3,420	4,261	3,970	3,228	2,738	2,756	2,721	1,676	33,545
Delivery Percentage	46%	56%	49%	66%	71%	82%	83%	85%	65%	50%	50%	68%	73%
Into Reservoir Storage	12	7,046	5,596	159	3,164	165	0	0	2,330	48	30	16	18,566
Reservoir Evaporation Loss	12	47	95	159	184	248	190	48	46	48	30	16	1,123
From Reservoir Storage	0	0	0	0	218	6,177	6,250	4,798	0	0	0	0	17,443
End of Month Reservoir Storage	2,500	9,499	15,000	15,000	17,762	11,502	5,062	216	2,500	2,500	2,500	2,500	
State Exchange Diverted	45	232	167	371	567	1,271	1,252	1,894	240	159	96	305	6,599
State Exchange Delivered	45	232	167	371	567	1,271	1,252	1,426	240	159	96	305	6,131

KERN ISLAND CANAL
ENTITLEMENT AND DIVERSION OF CONTRACT WATER
BALFOUR - GUTHRIE CONTRACT

Year: 1995

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

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

Maximum	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	18,171	16,661	18,382	17,851	18,446	17,851	18,446	18,446	17,851	18,446	17,851	18,446	216,848
Maximum Percentage	98.51%	100.00%	99.77%	100.00%	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	265	242	268	260	269	260	269	269	260	269	260	--	2,891
Sum to Date	265	507	775	1,035	1,304	1,564	1,833	2,102	2,362	2,631	2,891	2,891	

CONTRACT DIVERTED:

For Month	0	0	386	269	272	695	400	220	31	67	151	0	2,491
To Date	0	0	386	655	927	1,622	2,022	2,242	2,273	2,340	2,491	2,491	

UNUSED ENTITLEMENT:

For Month	265	242	(118)	(9)	(3)	(435)	(131)	49	229	202	109	0	400
Sum to Date	265	507	389	380	377	(58)	(189)	(140)	89	291	400	400	

KERN ISLAND CANAL
ENTITLEMENT AND DIVERSION OF CONTRACT WATER
BLOOMFIELD CONTRACT

Year: 1995

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

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

Maximum	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	18,171	16,661	18,382	17,851	18,446	17,851	18,446	18,446	17,851	18,446	17,851	18,446	216,848
Maximum Percentage	98.51%	100.00%	99.77%	100.00%	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	331	303	335	325	336	325	336	336	325	336	325	--	3,613
Sum to Date	331	634	969	1,294	1,630	1,955	2,291	2,627	2,952	3,288	3,613	3,613	

CONTRACT DIVERTED:

For Month	0	223	49	278	264	382	307	222	338	446	387	226	3,122
To Date	0	223	272	550	814	1,196	1,503	1,725	2,063	2,509	2,896	3,122	

UNUSED ENTITLEMENT:

For Month	331	80	286	47	72	(57)	29	114	(13)	(110)	(62)	(226)	491
Sum to Date	331	411	697	744	816	759	788	902	889	779	717	491	

Year: 1995

Total Flow via the Eastside Canal Headgate

DISCHARGE IN CUBIC FEET PER SECOND

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	0	27	17	30	68	56	62	34	16	15	14
2	0	0	28	30	34	63	60	60	26	25	18	15
3	0	0	28	32	32	55	61	54	23	30	17	17
4	0	0	19	36	37	48	61	48	26	33	14	18
5	0	0	5	43	35	42	59	43	31	28	12	19
6	0	0	10	35	19	49	60	49	40	27	11	14
7	0	0	0	25	20	50	59	57	41	19	9	15
8	0	0	0	20	33	52	42	60	32	18	7	9
9	0	0	0	25	36	52	42	61	29	20	8	5
10	0	0	0	28	35	50	44	61	34	20	11	5
11	0	0	0	30	45	50	57	62	35	20	15	6
12	0	0	0	37	44	56	66	56	34	22	15	0
13	0	0	2	36	33	56	67	54	31	19	16	0
14	0	0	20	25	36	53	62	56	28	15	19	0
15	0	0	14	12	35	53	60	55	28	12	22	0
16	0	0	14	6	33	54	65	56	26	16	20	0
17	0	0	13	18	36	45	64	55	28	18	16	0
18	0	0	1	16	39	46	65	53	32	17	12	0
19	0	0	0	20	40	48	65	46	33	15	8	0
20	0	2	0	18	42	51	59	46	31	17	7	0
21	0	17	0	18	46	53	52	51	36	9	5	1
22	0	24	0	18	51	55	52	50	34	8	5	4
23	0	40	0	19	49	57	57	38	24	15	5	0
24	0	21	0	34	44	48	57	34	21	13	6	0
25	0	19	4	46	46	43	57	30	22	12	5	5
26	0	22	14	47	43	50	48	29	23	10	5	5
27	0	22	14	40	34	56	47	30	24	11	5	7
28	0	25	13	38	33	56	52	33	24	12	6	5
29	0	-	7	36	44	55	51	33	22	11	9	1
30	0	-	7	40	54	50	50	32	18	15	10	7
31	0	-	12	-	62	-	64	36	-	16	-	10
TOTAL	0	192	252	845	1,200	1,564	1,761	1,490	870	539	333	182
MAXIMUM DAY	0	40	28	47	62	68	67	62	41	33	22	19
MINIMUM DAY	0	0	0	6	19	42	42	29	18	8	5	0
MEAN	0	7	8	28	39	52	57	48	29	17	11	6
TOTAL AC.FT.	0	381	500	1,676	2,380	3,102	3,493	2,955	1,726	1,069	660	361
WHOLE YEAR-- TOTAL,	9,228		MAX.,	68	MIN.,	0	MEAN,	25	TOTAL AC.FT.,		18,303	

City of Bakersfield Diverted to Kern Delta WD via Eastside Canal
 (Pursuant to City/KDWD Miscellaneous Water Purchase Agreement dated 3-28-95) Year: 1995

DISCHARGE IN CUBIC FEET PER SECOND

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	0	0	0	1	0	0	0	0	0	0	0
2	0	0	0	0	1	0	2	0	0	0	0	0
3	0	0	0	0	1	0	2	0	0	0	0	0
4	0	0	0	0	1	0	2	0	0	2	0	0
5	0	0	0	0	0	0	2	0	0	2	0	0
6	0	0	0	0	0	1	1	0	0	1	0	0
7	0	0	0	0	0	1	1	1	0	1	0	0
8	0	0	0	0	1	1	1	1	0	1	0	0
9	0	0	0	0	1	0	0	2	0	2	0	0
10	0	0	0	0	1	0	0	2	0	2	0	0
11	0	0	0	0	1	0	0	3	0	1	0	0
12	0	0	0	0	1	0	0	1	0	1	0	0
13	0	0	0	0	1	0	1	1	0	2	0	0
14	0	0	0	0	0	0	1	1	0	2	0	0
15	0	0	0	0	1	0	1	1	0	1	0	0
16	0	0	0	0	1	0	0	1	0	1	0	0
17	0	0	0	0	1	0	0	1	0	0	0	0
18	0	0	0	0	1	0	0	3	0	0	0	0
19	0	0	0	0	1	0	0	1	0	0	0	0
20	0	0	0	0	2	0	0	1	0	0	0	0
21	0	0	0	0	3	1	0	1	0	0	0	0
22	0	0	0	0	2	2	0	1	0	0	0	0
23	0	0	0	0	2	3	0	1	0	0	0	0
24	0	0	0	0	3	2	0	1	0	0	0	0
25	0	0	0	0	1	1	0	1	0	0	0	0
26	0	0	0	0	1	1	0	0	0	0	0	0
27	0	0	0	0	1	0	0	0	0	0	0	0
28	0	0	0	0	2	0	0	0	0	0	0	0
29	0	-	-	0	1	0	0	0	0	0	0	0
30	0	-	-	0	1	0	0	1	0	0	0	0
31	0	-	-	0	0	-	0	2	-	0	-	0
TOTAL	0	0	0	0	34	13	14	28	0	19	0	0
MAXIMUM DAY	0	0	0	0	3	3	2	3	0	2	0	0
MINIMUM DAY	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	1	0	0	1	0	1	0	0
TOTAL AC.FT.	0	0	0	0	67	26	28	56	0	38	0	0
WHOLE YEAR--	TOTAL,	108	MAX.,	3	MIN.,	0	MEAN,	0	TOTAL AC.FT.,	215		

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

Quantities in acre-feet

Year: 1995

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
Kern River Entitlement	0	0	214	1,099	1,692	2,017	2,563	1,171	0	0	0	0	8,756
State Exchange Diverted	0	381	286	577	621	1,059	902	1,728	1,726	1,031	660	361	9,332
City Miscellaneous Diverted	0	0	0	0	67	26	28	56	0	38	0	0	215
Eastside Canal at Head	0	381	500	1,676	2,380	3,102	3,493	2,955	1,726	1,069	660	361	18,303
Utility Deliveries	0	0	105	782	1,258	1,571	2,167	1,048	0	0	0	0	6,931
Contract Deliveries	0	0	0	39	121	83	21	6	0	0	0	0	270
Total Utility Deliveries	0	0	105	821	1,379	1,654	2,188	1,054	0	0	0	0	7,201
State Exchange Delivered	0	87	254	577	621	1,059	902	1,584	1,486	819	476	260	8,125
City Miscellaneous Delivered	0	0	0	0	67	26	28	56	0	38	0	0	215
Total Irrigation Deliveries	0	87	359	1,398	2,067	2,739	3,118	2,694	1,486	857	476	260	15,541
Canal Loss (Utility)	0	0	109	278	313	363	375	117	0	0	0	0	1,555
Canal Loss (State)	0	294	32	0	0	0	0	144	240	212	184	101	1,207
Total Canal Loss	0	294	141	278	313	363	375	261	240	212	184	101	2,762
Delivery Percentage	0%	23%	72%	83%	87%	88%	89%	91%	86%	80%	72%	72%	85%

Year: 1995

Total Flow via the Buena Vista Canal Headgate

DISCHARGE IN CUBIC FEET PER SECOND

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	0	63	39	118	58	148	140	76	14	0	0
2	0	0	77	35	118	56	152	151	67	16	0	0
3	0	0	68	38	110	59	154	158	64	16	0	0
4	0	0	65	44	99	59	157	169	61	20	0	0
5	0	0	54	49	87	63	167	171	59	27	0	0
6	0	0	57	59	84	66	166	175	55	29	0	0
7	0	0	50	62	79	61	167	177	47	23	0	0
8	0	0	51	69	78	59	169	173	37	22	0	0
9	0	0	49	69	73	54	168	163	26	17	0	0
10	0	0	41	82	76	54	159	138	17	17	6	0
11	0	0	36	82	76	61	151	137	16	17	12	0
12	0	0	35	86	69	84	150	139	14	19	12	0
13	0	0	33	84	57	94	155	138	12	17	13	0
14	0	18	30	78	57	97	157	157	8	12	12	0
15	0	25	30	67	39	94	157	165	0	0	13	0
16	0	25	30	60	21	89	163	168	0	0	13	0
17	0	36	32	57	26	88	165	169	0	0	9	0
18	0	40	34	61	31	86	157	156	0	0	0	0
19	0	40	32	64	30	91	140	154	13	0	0	0
20	0	39	37	61	30	98	128	151	15	0	0	0
21	0	35	43	65	32	100	128	149	18	0	0	0
22	0	34	42	67	34	118	124	148	20	0	0	0
23	0	33	38	67	32	141	124	150	20	13	0	0
24	0	33	37	67	30	145	131	152	18	19	0	0
25	0	41	38	67	34	151	133	153	17	17	0	0
26	0	44	37	84	35	153	134	150	21	17	0	0
27	0	53	35	87	32	153	130	149	20	11	0	18
28	0	53	35	94	30	154	128	139	18	0	0	17
29	0	-	37	103	35	155	128	113	13	0	0	14
30	0	-	39	107	47	151	127	94	13	0	0	13
31	0	-	38	-	58	-	129	89	-	0	-	10
TOTAL	0	549	1,323	2,054	1,757	2,892	4,546	4,635	765	343	90	72
MAXIMUM DAY	0	53	77	107	118	155	169	177	76	29	13	18
MINIMUM DAY	0	0	30	35	21	54	124	89	0	0	0	0
MEAN	0	20	43	68	57	96	147	150	26	11	3	2
TOTAL AC.FT.	0	1,089	2,624	4,074	3,485	5,736	9,017	9,193	1,517	680	179	143
WHOLE YEAR-	TOTAL,	19,026	MAX.,	177	MIN.,	0	MEAN,	52	TOTAL AC.FT.,	37,737		

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

Year: 1995

Quantities in acre-feet

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
Kern River Entitlement	4,340	4,342	3,150	2,449	4,681	4,715	2,909	1,777	4,570	3,059	2,205	3,610	41,807
Release	(3,223)	(2,330)	1,254	3,125	436	(705)	(440)	1,107	(3,814)	(2,351)	(2,008)	(3,282)	(12,231)
Entitlement + or - Releases	= 1,117	2,012	4,404	5,574	5,117	4,010	2,469	2,884	756	708	197	328	29,576
Into Storage	- 1,117	1,834	3,006	1,953	2,947	93	0	61	313	28	18	10	11,380
From Storage	+ 0	0	0	0	0	479	4,255	3,978	769	0	0	0	9,481
To North Kern WSD	- 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	93	0	0	0	0	0	0	0	0	0	175	268
Diverted at Head of Canal	= 0	85	1,398	3,621	2,170	4,396	6,724	6,801	1,212	680	179	143	27,409
Utility Deliveries	0	58	1,130	2,789	1,472	3,536	5,890	6,002	681	206	23	19	21,806
Contract Deliveries	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Irrigation Deliveries	- 0	58	1,130	2,789	1,472	3,536	5,890	6,002	681	206	23	19	21,806
Canal Conveyance Losses	0	27	268	832	698	860	834	799	531	474	156	124	5,603
Delivery Percentage	= 0%	68%	81%	77%	69%	80%	88%	88%	56%	30%	13%	13%	80%

Into Reservoir Storage	1,117	1,834	3,006	1,953	2,947	93	0	61	313	28	18	10	11,380
Reservoir Evaporation Loss	6	20	34	77	109	177	182	83	44	28	18	10	788
From Reservoir Storage	0	0	0	0	0	479	4,255	3,978	769	0	0	0	9,481
End of Month Reservoir Storage	1,500	3,314	6,286	8,162	11,000	10,437	6,000	2,000	1,500	1,500	1,500	1,500	

State Exchange Diverted	0	0	0	0	0	0	0	214	0	0	0	0	214
Arvin-Edison Payback Diverted	0	550	808	195	0	454	139	0	0	0	0	0	2,146
Friant-Kern Floodwater Diverted	0	454	418	0	0	0	0	0	0	0	0	0	872
State Exchange Delivered	0	0	0	0	0	0	0	188	0	0	0	0	188
Arvin-Edison Payback Delivered	0	545	502	85	0	0	0	0	0	0	0	0	1,132
Friant-Kern Floodwater Delivered	0	183	258	0	0	0	0	0	0	0	0	0	441

**KERN DELTA WATER DISTRICT
BUENA VISTA CANAL
DISTRIBUTION OF WATER**

Year: 1995

Quantities in acre-feet

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
Buena Vista Canal at Headworks	0	1,089	2,624	4,074	3,485	5,736	9,017	9,193	1,517	680	179	143	37,737
Buena Vista Canal from Maples Canal	0	0	0	0	292	845	1,061	1,188	99	0	0	0	3,485
TOTAL BUENA VISTA CANAL SUPPLY	0	1,089	2,624	4,074	3,777	6,581	10,078	10,381	1,616	680	179	143	41,222

Deliveries: Head to Section 17

Buena Vista Utility	0	58	1,023	679	653	2,858	3,822	4,084	476	206	23	19	13,901
Buena Vista State Exchange	0	0	0	0	0	0	0	115	0	0	0	0	115
Stine Utility	0	0	0	0	0	62	0	0	0	0	0	0	62
Stine State Exchange	0	0	0	0	0	0	0	0	0	0	0	0	0
Arvin-Edison Payback	0	230	365	85	0	454	139	0	0	0	0	0	1,273
Friant-Kern Floodwater	0	71	258	0	0	0	0	0	0	0	0	0	329
Sub-Total	0	359	1,646	764	653	3,374	3,961	4,199	476	206	23	19	15,680

Deliveries: At or Below Section 17

Buena Vista Utility	0	0	107	2,110	819	678	2,068	1,918	205	0	0	0	7,905
Buena Vista State Exchange	0	0	0	0	0	0	0	73	0	0	0	0	73
Stine Utility	0	0	0	48	179	230	998	1,174	216	0	0	0	2,845
Stine State Exchange	0	0	0	0	0	0	0	0	0	0	0	0	0
Kern Island Utility	0	0	0	121	1,222	1,098	1,816	1,565	117	0	0	0	5,939
Kern Island State Exchange	0	0	0	0	0	0	0	0	0	0	0	0	0
Arvin-Edison Payback	0	315	137	0	0	0	0	0	0	0	0	0	452
Friant-Kern Floodwater	0	112	0	0	0	0	0	0	0	0	0	0	112
Sub-Total	0	427	244	2,279	2,220	2,006	4,882	4,730	538	0	0	0	17,326

TOTAL DELIVERED	0	786	1,890	3,043	2,873	5,380	8,843	8,929	1,014	206	23	19	33,006
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Canal Conveyance Losses	0	303	734	1,031	904	1,201	1,235	1,452	602	474	156	124	8,216
Delivery Percentage	0%	72%	72%	75%	76%	82%	88%	86%	63%	30%	13%	13%	80%

DISTRIBUTION:

Buena Vista Utility	0	85	1,398	3,621	2,170	4,396	6,724	6,801	1,212	680	179	143	27,409
Buena Vista State Exchange	0	0	0	0	0	0	0	214	0	0	0	0	214
Stine Utility	0	0	0	89	236	430	1,186	1,644	268	0	0	0	3,853
Stine State Exchange	0	0	0	0	0	0	0	0	0	0	0	0	0
Kern Island Utility	0	0	0	169	1,371	1,301	2,029	1,722	136	0	0	0	6,728
Kern Island State Exchange	0	0	0	0	0	0	0	0	0	0	0	0	0
Arvin-Edison Payback	0	550	808	195	0	454	139	0	0	0	0	0	2,146
Friant-Kern Floodwater	0	454	418	0	0	0	0	0	0	0	0	0	872
TOTAL	0	1,089	2,624	4,074	3,777	6,581	10,078	10,381	1,616	680	179	143	41,222

Year: 1995

Total Flow via the Stine Canal Headgate

DISCHARGE IN CUBIC FEET PER SECOND

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	0	22	17	66	92	159	136	73	39	21	0
2	0	0	22	19	65	93	151	141	69	38	16	0
3	0	0	22	22	61	90	145	141	67	37	14	0
4	0	0	22	21	48	103	137	149	73	39	14	5
5	0	0	22	23	33	118	145	138	75	41	12	22
6	0	0	24	27	33	122	156	132	70	37	12	24
7	0	0	26	27	33	133	165	133	53	36	8	23
8	0	0	28	26	38	140	160	132	44	33	0	23
9	0	0	35	23	48	138	158	132	49	34	0	14
10	0	0	43	25	54	131	152	129	52	36	0	21
11	0	0	40	30	52	120	137	119	52	34	0	0
12	0	0	43	29	51	126	122	109	49	33	0	0
13	0	0	41	33	50	126	115	112	46	26	0	0
14	0	0	41	41	55	122	105	113	42	14	0	0
15	0	0	39	41	63	109	98	116	40	0	0	0
16	0	7	39	42	60	98	98	118	36	0	0	0
17	0	19	39	49	56	86	105	107	40	0	0	0
18	0	19	41	46	57	91	107	100	41	13	12	3
19	0	16	38	45	53	101	119	103	39	16	16	24
20	0	16	38	45	48	97	136	107	37	18	18	26
21	0	17	31	46	50	95	133	118	32	22	18	28
22	0	25	31	45	51	101	107	127	29	20	18	22
23	0	25	23	45	59	112	98	121	28	3	18	15
24	0	25	16	45	71	119	116	106	25	0	13	14
25	0	25	15	50	75	128	135	100	29	0	0	17
26	0	27	16	59	83	147	141	90	32	0	0	20
27	0	30	16	60	83	162	127	85	30	0	0	23
28	0	28	17	63	84	164	148	91	29	0	0	24
29	0	-	17	61	91	167	161	85	24	5	0	25
30	0	-	17	63	91	163	155	78	22	21	0	22
31	0	-	17	-	89	-	145	75	-	22	-	18
TOTAL	0	279	881	1,168	1,851	3,594	4,136	3,543	1,327	617	210	413
MAXIMUM DAY	0	30	43	63	91	167	165	149	75	41	21	28
MINIMUM DAY	0	0	15	17	33	86	98	75	22	0	0	0
MEAN	0	10	28	39	60	120	133	114	44	20	7	13
TOTAL AC.FT.	0	553	1,747	2,317	3,671	7,129	8,204	7,027	2,632	1,224	417	819
WHOLE YEAR:-	TOTAL,	18,019	MAX.,	167	MIN.,	0	MEAN,	49	TOTAL AC.FT.,	35,740		

KERN DELTA WATER DISTRICT
STINE CANAL SERVICE AREA

Quantities in acre-feet

Year: 1995

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
River Entitlement	5,425	7,813	3,485	3,022	4,132	4,165	2,610	3,332	3,969	0	0	857	38,810
Release	(4,142)	(3,854)	1,373	(807)	(1,425)	(153)	(289)	(1,269)	(2,160)	1,061	415	(97)	(11,347)
Entitlement + or - Releases	= 1,283	3,959	4,858	2,215	2,707	4,012	2,321	2,063	1,809	1,061	415	760	27,463
Into Storage	1,283	3,336	3,973	487	97	93	0	0	1,137	28	18	103	10,555
From Storage	0	0	131	0	0	363	3,437	3,415	1,091	0	0	93	8,530
To North Kern WSD	0	0	0	0	0	0	0	0	0	0	0	0	0
Transfer in Storage	0	0	0	0	0	0	0	0	0	0	0	0	0
Carrier Canal Loss	0	70	0	0	0	0	0	0	0	0	0	85	155
Other	0	0	0	0	0	0	0	0	0	0	0	0	0
Diverted at Head	= 0	553	1,016	1,728	2,610	4,282	5,758	5,478	1,763	1,033	397	665	25,283
Utility Deliveries	0	32	165	320	1,000	2,292	3,746	3,381	660	180	45	107	11,928
Contract Deliveries	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Irrigation Deliveries	- 0	32	165	320	1,000	2,292	3,746	3,381	660	180	45	107	11,928
Canal Conveyance Losses	0	521	851	1,408	1,610	1,990	2,012	2,097	1,103	853	352	558	13,355
Delivery Percentage	0%	6%	16%	19%	38%	54%	65%	62%	37%	17%	11%	16%	47%

Into Reservoir Storage	1,283	3,336	3,973	487	97	93	0	0	1,137	28	18	103	10,555
Reservoir Evaporation Loss	6	24	46	95	97	142	151	85	46	28	18	10	748
From Reservoir Storage	0	0	131	0	0	363	3,437	3,415	1,091	0	0	93	8,530
End of Month Reservoir Storage	1,500	4,812	8,608	9,000	9,000	8,588	5,000	1,500	1,500	1,500	1,500	1,500	

State Exchange Diverted	0	0	0	0	0	0	0	0	0	0	0	0	0
State Exchange Delivered	0	0	0	0	0	0	0	0	0	0	0	0	0

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

Year: 1995

Quantities in acre-feet

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
River Entitlement	2,608	4,627	3,485	3,022	4,132	4,165	2,610	3,322	1,739	0	0	294	30,004
Release	(1,086)	(2,100)	179	(1,247)	(2,163)	(1,075)	(296)	(1,193)	(665)	169	73	26	(9,378)
Entitlement + or - Releases	1,522	2,527	3,664	1,775	1,969	3,090	2,314	2,129	1,074	169	73	320	20,626
Into Storage	1,504	2,152	2,696	390	63	97	0	97	845	0	14	185	8,043
From Storage	0	0	621	6	0	0	1,887	1,512	1,286	466	96	75	5,949
Transfer in Storage	0	0	0	0	0	0	0	0	0	0	0	0	0
Carrier Canal Loss	0	0	0	0	0	0	0	0	0	0	0	22	22
Other	0	0	0	0	0	0	0	0	0	0	0	0	0
Diverted at Head	18	375	1,589	1,391	1,906	2,993	4,201	3,544	1,515	635	155	188	18,510
Utility Deliveries	17	33	804	654	1,141	2,055	2,928	2,477	749	280	63	116	11,316
Contract Deliveries	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Irrigation Deliveries	17	33	804	654	1,141	2,055	2,928	2,477	749	280	63	116	11,316
Canal Conveyance Losses	1	342	785	737	765	939	1,273	1,067	766	355	92	72	7,194
Delivery Percentage	94%	9%	51%	47%	60%	69%	70%	70%	49%	44%	41%	62%	61%

Into Reservoir Storage	1,504	2,152	2,696	390	63	97	0	97	845	0	14	185	8,043
Reservoir Evaporation Loss	4	18	30	63	63	97	113	85	59	34	18	10	594
From Reservoir Storage	0	0	621	6	0	0	1,887	1,512	1,286	466	96	75	5,949
End of Month Reservoir Storage	1,500	3,634	5,679	6,000	6,000	6,000	4,000	2,500	2,000	1,500	1,400	1,500	

State Exchange Diverted	0	0	0	0	0	0	0	0	0	0	0	0	0
State Exchange Delivered	0	0	0	0	0	0	0	0	0	0	0	0	0

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

Year: 1995

DISCHARGE IN CUBIC FEET PER SECOND

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	0	0	0	6	0	16	19	19	0	0	0
2	0	0	0	0	5	0	16	18	17	0	0	0
3	0	0	0	0	9	0	14	19	10	0	0	0
4	0	0	0	0	7	0	17	19	4	0	0	0
5	0	0	0	0	9	0	19	20	0	0	0	0
6	0	0	0	0	8	0	17	19	0	0	0	0
7	0	0	0	0	7	0	15	19	0	0	0	0
8	0	0	0	0	4	0	12	18	0	0	0	0
9	0	0	0	0	3	0	12	20	0	0	0	0
10	0	0	0	0	0	0	10	20	0	0	0	0
11	0	0	0	0	0	0	11	19	0	0	0	0
12	0	0	0	0	2	18	15	23	0	0	0	0
13	0	0	0	0	2	15	18	17	0	0	0	0
14	0	0	0	0	3	16	21	16	0	0	0	0
15	0	0	0	0	7	16	19	17	0	0	0	0
16	0	0	0	0	8	14	19	19	0	0	0	0
17	0	0	0	0	5	16	17	24	0	0	0	0
18	0	0	0	0	4	15	17	25	0	0	0	0
19	0	0	0	0	5	15	16	23	0	0	0	0
20	0	0	0	0	6	16	18	20	0	0	0	0
21	0	0	0	6	6	15	20	18	0	0	0	0
22	0	0	0	9	6	16	20	20	0	0	0	0
23	0	0	0	7	7	16	18	17	0	0	0	0
24	0	0	0	7	9	16	16	16	0	0	0	0
25	0	0	0	7	10	39	18	18	0	0	0	0
26	0	0	0	7	7	47	18	18	0	0	0	0
27	0	0	0	7	2	47	22	18	0	0	0	0
28	0	0	0	8	0	47	24	19	0	0	0	0
29	0	-	-	8	0	26	19	21	0	0	0	0
30	0	-	-	8	0	16	21	20	0	0	0	0
31	0	-	-	0	0	-	20	20	-	0	-	0
TOTAL	0	0	0	74	147	426	535	599	50	0	0	0
MAXIMUM DAY	0	0	0	9	10	47	24	25	19	0	0	0
MINIMUM DAY	0	0	0	0	0	0	10	16	0	0	0	0
MEAN	0	0	0	2	5	14	17	19	2	0	0	0
TOTAL AC.FT.	0	0	0	147	292	845	1,061	1,188	99	0	0	0
WHOLE YEAR:-	TOTAL,	1,831	MAX.,	47	MIN.,	0	MEAN,	5	TOTAL AC.FT.,	3,632		

Quantities in acre-feet

KERN DELTA WATER DISTRICT
State Aqueduct Exchange Diversion and Storage Recapitulation

Year: 1995

	Kern Island	Eastside	East of Kern Island		Buena Vista	Stine	Farmers	Reservoir Loss	Other	Total	Storage
											Balance
1994											0
Carry Over	0	0	0	0	0	0	0	0	0	0	0
November	0	0	0	0	0	0	0	0	0	0	0
December	0	0	0	0	0	0	0	0	0	0	0
January	0	0	0	0	0	0	0	0	0	0	0
February	0	0	0	0	0	0	0	0	0	0	0
March	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0

	Kern Island	Eastside	East of Kern Island		Buena Vista	Stine	Farmers	Reservoir Loss	Other	Total	Storage
											Balance
1995											25,500
Contract	0	10	34	0	0	0	0	0	0	44	25,456
March	270	577	101	0	0	0	0	0	0	948	24,508
April	67	621	500	0	0	0	0	0	0	1,188	23,320
May	478	1,059	793	0	0	0	0	0	0	2,330	20,990
June	216	902	1,036	0	0	0	0	0	0	2,154	18,836
July	834	1,728	1,060	214	0	0	0	0	0	3,836	15,000
August	93	1,726	147	0	0	0	0	0	0	1,966	13,034
September	41	1,031	118	0	0	0	0	0	0	1,190	11,844
October	0	0	0	0	0	0	0	0	0	0	11,844
November	0	0	0	0	0	0	0	0	0	0	11,844
Total	1,999	7,654	3,789	214	0	0	0	0	0	13,656	

	Kern Island	Eastside	East of Kern Island		Buena Vista	Stine	Farmers	Reservoir Loss	Other	Total	Storage
											Balance
1995											11,844
Carry Over	19	660	77	0	0	0	0	63	0	819	11,025
November	277	361	28	0	0	0	0	32	0	698	10,327
December	296	1,021	105	0	0	0	0	95	0	1,517	
Total											

KERN DELTA WATER DISTRICT
1988 State Pool Payback Diversion Recapitulation

Year: 1995

Quantities in acre-feet

	1988 State Pool Payback Diversion Recapitulation						Total	Payback Balance
	Kern Island	Eastside	East of Kern Island	Buena Vista	Stine	Farmers		
January	45	0	0	0	0	0	45	1,849
February	232	381	0	0	0	0	613	1,236
March	0	276	133	0	0	0	409	827
April	0	0	0	0	0	0	0	827
May	0	0	0	0	0	0	0	827
June	0	0	0	0	0	0	0	827
July	0	0	0	0	0	0	0	827
August	0	0	0	0	0	0	0	827
September	0	0	0	0	0	0	0	827
October	0	0	0	0	0	0	0	827
November	0	0	0	0	0	0	0	827
December	0	0	0	0	0	0	0	827
Total	277	657	133	0	0	0	1,067	

CITY OF BAKERSFIELD

**KERN RIVER CHANNEL OPERATIONS
CITY OF BAKERSFIELD**

Year: 1995

Quantities in acre-feet

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
+ Kern River at First Point of Measurement	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
- Computed Loss	676	611	676	655	676	655	676	676	655	676	655	676	7,963
- Beardsley Canal at Head	1,486	7,339	15,626	28,258	33,239	40,548	45,342	39,896	27,273	29,187	22,552	16,969	307,715
- Carrier Canal at Head	15,602	8,079	13,611	18,555	30,781	35,867	34,961	39,689	28,870	14,523	10,804	7,115	258,457
= Rocky Point Weir	2,075	4,829	27,312	66,397	73,338	109,890	114,567	125,663	45,795	26,771	23,095	3,233	622,965
+ Carrier Waste Gate	0	0	349	1,360	1,568	1,145	0	0	0	0	0	0	4,422
+ Farmers-Stine-Anderson: to River	4,742	1,783	1,400	1,269	198	0	0	0	30	791	363	52	10,628
- Farmers-Stine-Anderson: from River	8	45	5,821	1,628	6,692	18,042	16,544	13,906	2,674	2,695	7,870	151	76,076
- Calloway Canal at Head	2,886	2,339	5,292	13,083	22,695	25,147	31,103	26,428	15,257	14,944	13,178	2,566	174,918
- River Loss: Rocky Point to Calloway Weir	1,452	1,101	1,235	1,206	1,014	962	855	722	708	749	726	568	11,298
= Calloway River Weir	2,471	3,127	16,713	53,109	44,703	66,884	66,065	84,607	27,186	9,174	1,684	0	375,723
+ CVC T.O. #4 to River	0	1,841	1,025	0	0	10	0	0	0	0	1,241	797	4,914
+ CVC T.O. #3 to River	737	2,292	340	0	0	0	0	0	0	0	1,845	3,538	8,752
+ Friant-Kern Inflow	0	14,724	21,883	5,259	13,199	15,936	7,448	10,709	24,758	7,969	8,727	2,556	133,168
- River Canal from River	0	1,545	8,606	15,553	17,723	31,582	22,616	26,800	12,091	9,715	7,948	3,102	157,281
- River Loss: Cally. Weir to River Canal Weir	3,208	7,287	5,319	5,038	4,241	4,092	3,956	3,067	3,019	4,085	2,483	2,607	48,402
= River Canal Weir	0	13,152	26,036	37,777	35,938	47,156	46,941	65,449	36,834	3,343	3,066	1,182	316,874
+ Pioneer Turnout	7,458	559	4,582	2,152	7,479	3,582	1,924	4,423	8,650	1,119	6,968	714	49,610
+ CVC T.O. #2 to River	4,343	6,362	2,204	419	0	0	0	0	0	73	1,146	3,600	18,147
- Rosedale Channel at Head	6,750	2,572	10,469	11,572	12,587	9,281	13,581	14,110	10,654	1,083	3,898	0	96,557
- Pioneer Canal at Head	0	0	1,043	1,781	2,214	9,362	14,188	11,778	0	0	0	0	40,366
- Berrenda Mesa Pipeline Turnout	365	2,851	2,132	1,547	1,784	3,705	3,192	3,955	4,291	1,426	3,381	2,729	31,358
- River Loss: River Canal to Bellevue Weir	1,549	2,170	1,817	1,860	1,492	1,470	1,428	1,139	1,030	1,495	1,660	1,470	18,580
= Flow at Bellevue Weir	3,137	12,480	17,361	23,588	25,340	26,920	16,476	38,890	29,509	531	2,241	1,297	197,770
- River Loss: Bellevue Weir to ID#4 Boundary	918	833	898	893	922	893	922	708	555	531	831	533	9,437
- River Loss: ID#4 Boundary to 2800 Acres	779	833	863	893	922	893	922	708	555	0	720	482	8,570
+ Outflow from Berrenda Mesa Spdg. Grounds	0	120	277	105	24	0	0	0	0	0	0	0	526
+ CVC T.O. #1 to River	6,097	11,593	5,953	0	0	0	0	0	3,129	12,671	11,407	13,180	64,030
+ River Canal T.O. to 2800 Acres	0	0	0	91	202	0	0	0	0	0	0	0	293
- Pioneer Central from 2800 Acres	0	0	0	0	413	95	0	0	0	8	0	0	516
- Pioneer North from 2800 Acres	0	0	214	0	1,013	4,463	4,457	14,909	19,720	5,834	6,730	6,500	63,840
- 2800 Acre Recharge Facility	7,537	21,896	17,661	18,232	16,457	15,071	9,197	12,648	11,808	6,829	5,046	5,960	148,332
= Second Point via Kern River Channel	0	641	3,955	3,766	5,839	5,505	978	9,917	0	0	321	1,002	31,924

**CARRIER CANAL OPERATIONS
CITY OF BAKERSFIELD**

Year: 1995

Quantities in acre-feet

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
+ Carrier Canal at Head	15,602	8,079	13,611	18,555	30,781	35,867	34,961	39,689	28,870	14,523	10,804	7,115	258,457
- Carrier Waste Gate	0	0	349	1,360	1,568	1,145	0	0	0	0	0	0	4,422
+ Oilfield Discharge (Texaco Inc.)	592	0	0	0	0	0	0	0	0	0	0	0	592
= Carrier Reclamation Weir	16,194	8,079	13,262	17,195	29,213	34,722	34,961	39,689	28,870	14,523	10,804	7,115	254,627
+ Oilfield Discharge (Arco Oil)	43	0	0	0	0	0	0	0	0	0	0	0	43
+ Storm Drain Inflow	17	42	95	22	0	0	0	0	0	0	0	12	188
- Eastside Canal at Head	0	381	500	1,676	2,380	3,102	3,493	2,955	1,726	1,069	660	361	18,303
- Kern Island Canal at Head	2,608	5,171	5,357	10,094	11,564	23,341	22,838	22,838	8,315	6,105	5,748	5,609	129,588
= Levee No. 1	13,646	2,569	7,500	5,447	15,269	8,279	8,630	13,896	18,829	7,349	4,396	1,157	106,967
- Farmers-Stine-Anderson: to River	4,742	1,783	1,400	1,269	198	0	0	0	30	791	363	52	10,628
+ Farmers-Stine-Anderson: from River	8	45	5,821	1,628	6,692	18,042	16,544	13,906	2,674	2,695	7,870	151	76,076
= Carrier Canal at Oak Street	8,912	831	11,921	5,806	21,763	26,321	25,174	27,802	21,473	9,253	11,903	1,256	172,415
- Stine Canal at Head	0	553	1,747	2,317	3,671	7,129	8,204	7,027	2,632	1,224	417	819	35,740
- Carrier to Truxtun Lakes	0	0	0	0	1,448	2,043	2,075	2,110	1,890	1,504	1,363	0	12,433
+ Truxtun Lakes to Carrier	0	0	0	0	544	960	932	885	831	847	851	60	5,910
- Arvin-Edison Turnout	799	0	0	0	0	0	0	8,241	0	1,561	0	0	10,601
- Total Carrier Canal Loss	655	175	889	647	932	1,037	1,164	1,018	782	729	620	354	9,002
+ River Canal from River	0	1,545	8,606	15,553	17,723	31,582	22,616	26,800	12,091	9,715	7,948	3,102	157,281
= River Canal at Stockdale Highway	7,458	1,648	17,891	18,395	33,979	48,654	37,279	37,091	29,091	14,797	18,302	3,245	267,830
- Buena Vista Canal at Head	0	1,089	2,624	4,074	3,485	5,736	9,017	9,193	1,517	680	179	143	37,737
- Pioneer Turnout	7,458	559	4,582	2,152	7,479	3,582	1,924	4,423	8,650	1,119	6,968	714	49,610
- James Canal at Head	0	0	984	2,892	3,410	6,113	7,273	7,462	6,097	4,961	3,376	2,388	44,956
= River Canal at Alternate Second Point	0	0	9,701	9,277	19,605	33,223	19,065	16,013	12,827	8,037	7,779	0	135,527
+ 2800 Acre Well Water Production	0	0	0	0	0	0	0	0	0	0	0	0	0
- River Canal Turnout	0	0	0	91	202	0	0	0	0	0	0	0	293
- Boswell Turnout	0	0	0	0	0	871	1,857	2,025	948	458	537	0	6,696
- Kern Delta WD via River Canal	0	0	0	147	292	845	1,061	1,188	99	0	0	0	3,632
- Henry Miller WD via River Canal	0	0	0	0	0	0	0	0	0	0	0	0	0
- County of Kern	0	0	0	0	240	706	922	663	416	113	0	0	3,060
= Second Point Group Flow via River Canal	0	0	9,701	9,039	18,871	30,801	15,225	12,137	11,364	7,466	7,242	0	121,846

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

Quantities in acre-feet

Year: 1995

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
River Entitlement	1,741	1,306	38,002	30,647	55,737	59,073	47,467	20,804	1,162	1,063	996	1,099	259,097
Release	3,618	248	789	783	1,881	615	222	404	66	167	194	273	9,260
ENTITLEMENT + OR - RELEASE	= 5,359	1,554	38,791	31,430	57,618	59,688	47,689	21,208	1,228	1,230	1,190	1,372	268,357
NKWSO to City	7,966	0	0	0	0	0	0	0	0	0	0	0	7,966
From Reservoir Storage	0	0	0	974	0	9,483	7,962	16,782	16,637	4,716	10,877	268	67,699
Into Reservoir Storage	2,205	593	20,821	4,404	22,984	26,038	8,117	0	0	0	3,793	605	89,560
Other	0	0	3,875	0	0	0	0	0	(2,794)	0	4,102	6	5,189
TOTAL SUPPLY	= 11,120	961	21,845	28,000	34,634	43,133	47,534	37,990	15,071	5,946	12,376	1,041	259,651

Lake Ming	16	16	44	60	77	105	127	121	91	65	42	26	790
Kern Valley Golf Course	0	0	3	13	19	32	32	29	22	18	9	0	177
Olcese Water District	0	0	0	0	0	0	0	0	0	0	0	0	0
Glen Grundeis	0	0	0	0	0	0	0	0	0	0	0	0	0
County of Kern	0	0	0	0	240	706	922	663	416	113	0	0	3,060
North Kern WSD	1,642	917	121	0	0	10,000	5,000	6,919	0	0	0	0	24,599
Cawelo WD	0	0	542	2,858	8,063	7,737	6,400	6,400	0	0	2,647	510	35,157
Kern-Tulare WD	62	0	2,093	1,962	3,773	5,083	12,535	4,130	3,095	20	0	0	32,753
Rag Gulch WD	10	0	313	294	565	761	1,975	620	455	0	0	0	4,993
Rosedale RBWSD	7,946	0	10,049	11,519	11,687	9,937	10,269	10,269	5,673	2,528	7,506	0	87,383
Rosedale Ranch ID	0	0	1,218	1,611	1,926	2,026	2,843	2,569	1,216	1,571	874	506	16,360
Boithouse Farms, Inc.	0	0	0	53	207	0	0	267	287	116	113	0	1,043
Kern Delta WD	0	0	0	0	67	26	28	56	0	38	0	0	215
Arvin-Edison WSD	799	0	0	0	0	0	0	0	0	0	0	0	799
Kern River Canal & Irrigating Co.	0	0	0	0	0	0	0	0	0	0	0	0	0
Truxtun Lakes (Direct)	0	0	0	0	0	0	0	0	0	0	0	0	0
Truxtun Lakes (via I.D. #4)	0	0	0	0	0	0	0	0	0	0	0	0	0
2800 Acre Banking	0	0	589	0	0	0	0	0	0	0	0	0	589
River and Carrier Canal Loss	645	28	6,873	9,630	8,010	6,720	7,403	5,947	3,816	1,477	1,185	(1)	51,733
TOTAL DIVERTED	= 11,120	961	21,845	28,000	34,634	43,133	47,534	37,990	15,071	5,946	12,376	1,041	259,651

Into Reservoir Storage	2,205	593	20,821	4,404	22,984	26,038	8,117	0	0	0	3,793	605	89,560
Reservoir Evaporation Loss	8	28	142	347	473	935	1,484	1,351	836	564	255	109	6,532
From Reservoir Storage	0	0	0	974	0	9,483	7,962	16,782	16,637	4,716	10,877	268	67,699
End of Month Reservoir Storage	2,610	3,175	23,854	26,937	49,448	65,068	63,739	45,606	28,133	22,853	15,514	15,742	

**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	336,081	(1,919)
1994	20,000	360,000	20,000	356,081	(1,919)
1995	20,000	380,000	21,919	380,000	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	22,480	332,281	(18,719)
1990	27,000	378,000	17,723	350,004	(27,986)
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)

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	23,660	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)

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)

CITY OF BAKERSFIELD
Deliveries to Long Term Contractors

Basic Contract

Quantities in acre-feet

Year: 1995

	NORTH KERN WSD		CAWELO WD		KERN-TULARE WD		RAG GULCH WD		MONTH TOTALS	
	Basic	Accum.	Basic	Accum.	Basic 1)	Accum.	Basic 2)	Accum.	Basic	Accum.
January	0	0	0	0	62	62	10	10	72	72
February	0	0	0	0	0	62	0	10	0	72
March	0	0	542	542	2,093	2,155	313	323	2,948	3,020
April	0	0	2,858	3,400	1,962	4,117	294	617	5,114	8,134
May	0	0	8,063	11,463	3,773	7,890	565	1,182	12,401	20,535
June	10,000	10,000	7,737	19,200	5,083	12,973	761	1,943	23,581	44,116
July	5,000	15,000	6,400	25,600	12,535	25,508	1,975	3,918	25,910	70,026
August	6,919	21,919	6,400	32,000	4,130	29,638	620	4,538	18,069	88,095
September	0	21,919	0	32,000	3,095	32,733	455	4,993	3,550	91,645
October	0	21,919	0	32,000	0	32,733	0	4,993	0	91,645
November	0	21,919	0	32,000	0	32,733	0	4,993	0	91,645
December	0	21,919	0	32,000	0	32,733	0	4,993	0	91,645
Year Total	21,919		32,000		32,733		4,993		91,645	

1) Includes water delivered pursuant to terms of City/K-TWD Agreement No. 88-14 W.B. dated August 31, 1988.

2) Includes water delivered pursuant to terms of City/RGWD Agreement No. 88-15 W.B. dated August 31, 1988.

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

Year: 1995

DISCHARGE IN CUBIC FEET PER SECOND

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

Year: 1995

City of Bakersfield Diverted to North Kern WSD
(Miscellaneous)

DISCHARGE IN CUBIC FEET PER SECOND

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	12	0	0	0	0	0	0	0	0	0	0
2	0	12	0	0	0	0	0	0	0	0	0	0
3	0	12	0	0	0	0	0	0	0	0	0	0
4	0	11	0	0	0	0	0	0	0	0	0	0
5	0	13	37	0	0	0	0	0	0	0	0	0
6	0	13	24	0	0	0	0	0	0	0	0	0
7	0	12	0	0	0	0	0	0	0	0	0	0
8	0	12	0	0	0	0	0	0	0	0	0	0
9	0	13	0	0	0	0	0	0	0	0	0	0
10	0	14	0	0	0	0	0	0	0	0	0	0
11	0	14	0	0	0	0	0	0	0	0	0	0
12	0	14	0	0	0	0	0	0	0	0	0	0
13	0	14	0	0	0	0	0	0	0	0	0	0
14	0	55	0	0	0	0	0	0	0	0	0	0
15	0	62	0	0	0	0	0	0	0	0	0	0
16	0	32	0	0	0	0	0	0	0	0	0	0
17	0	21	0	0	0	0	0	0	0	0	0	0
18	0	12	0	0	0	0	0	0	0	0	0	0
19	0	12	0	0	0	0	0	0	0	0	0	0
20	0	11	0	0	0	0	0	0	0	0	0	0
21	0	12	0	0	0	0	0	0	0	0	0	0
22	0	11	0	0	0	0	0	0	0	0	0	0
23	10	20	0	0	0	0	0	0	0	0	0	0
24	23	10	0	0	0	0	0	0	0	0	0	0
25	30	19	0	0	0	0	0	0	0	0	0	0
26	42	9	0	0	0	0	0	0	0	0	0	0
27	46	10	0	0	0	0	0	0	0	0	0	0
28	34	0	0	0	0	0	0	0	0	0	0	0
29	27	-	0	0	0	0	0	0	0	0	0	0
30	73	-	0	0	0	0	0	0	0	0	0	0
31	72	-	0	-	0	-	0	0	-	0	-	0
TOTAL	357	462	61	0	0	0	0	0	0	0	0	0
MAXIMUM DAY	73	62	37	0	0	0	0	0	0	0	0	0
MINIMUM DAY	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	12	17	2	0	0	0	0	0	0	0	0	0
TOTAL AC.FT.	708	917	121	0	0	0	0	0	0	0	0	0
WHOLE YEAR-- TOTAL,		880	MAX.,	73	MIN.,	0	MEAN,	2	TOTAL AC.FT.,		1,746	

DISCHARGE IN CUBIC FEET PER SECOND

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

Year: 1995

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	11	0	0	0	0	0	0	0	8	0	0
2	0	10	0	0	0	0	0	0	0	0	0	0
3	0	11	0	0	0	0	0	0	0	0	0	0
4	0	11	12	0	0	0	0	0	0	0	0	0
5	0	11	12	0	0	0	0	0	0	0	0	0
6	0	11	0	0	0	0	0	0	0	6	0	0
7	0	4	0	0	0	0	0	0	0	6	0	0
8	0	5	0	0	0	0	0	0	0	5	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	8	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	5	0	0	0	0	0	0	0	0	0	0
14	0	7	0	0	0	0	0	0	0	5	0	0
15	0	7	13	0	0	0	0	0	0	5	0	0
16	0	8	13	0	0	0	0	0	0	3	0	0
17	0	11	13	0	0	0	0	0	0	3	0	0
18	0	12	12	0	0	0	0	0	0	3	0	0
19	5	12	12	0	0	0	0	0	0	6	0	0
20	12	11	2	0	0	0	0	0	0	8	0	0
21	8	12	9	0	0	0	0	0	0	9	0	0
22	8	9	12	0	0	0	0	0	6	8	0	0
23	8	7	12	0	0	0	0	0	7	0	0	0
24	8	0	2	0	0	0	0	0	1	0	0	0
25	7	0	0	0	0	0	0	0	6	0	0	0
26	6	0	6	0	0	0	0	0	4	0	0	0
27	9	0	0	0	0	0	0	0	5	8	0	0
28	10	0	0	0	0	0	0	0	5	9	0	0
29	11	-	0	0	0	0	0	0	9	8	0	0
30	11	-	0	0	0	0	0	0	9	9	0	0
31	11	-	0	-	0	-	0	0	-	8	-	0
TOTAL	114	202	130	0	0	0	0	0	52	117	0	0
MAXIMUM DAY	12	12	13	0	0	0	0	0	9	9	0	0
MINIMUM DAY	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	4	7	4	0	0	0	0	0	2	4	0	0
TOTAL AC.FT.	226	402	257	0	0	0	0	0	103	231	0	0
WHOLE YEAR:-	TOTAL,	615	MAX.,	13	MIN.,	0	MEAN,	2	TOTAL AC.FT.,	1,219		

CAWELO WATER DISTRICT OPERATIONS

Quantities in acre-feet

Year: 1995

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
+ Cawelo WD via Pump Station "B"	0	159	926	2,850	8,261	11,290	12,333	12,486	7,617	6,248	3,293	1,208	66,671
Lerdo Delivery Gate No. 8-0-2	0	0	0	0	4	20	39	40	2	0	4	8	117
Lerdo Delivery Gate No. 8-0-10	0	0	0	0	0	111	225	66	0	184	48	0	634
Lerdo Delivery Gate No. 8-0-22	0	0	0	69	65	180	204	176	221	40	99	0	1,054
Lerdo Delivery Gate No. 8-0-25	0	4	14	22	63	91	101	91	32	97	20	0	535
Lerdo Delivery Gate No. 8-0-288	0	0	0	0	0	0	0	0	0	0	0	0	0
Lerdo Delivery Gate No. 8-0-289	0	0	0	0	0	0	0	0	0	0	0	0	0
Lerdo Delivery Gate No. 8-0-290	0	0	0	24	36	63	98	62	50	48	19	0	400
Lerdo Delivery Gate No. 8-0-291	0	14	0	89	125	149	180	121	103	46	20	0	847
Lerdo Delivery Gate No. 8-0-292	0	0	0	18	26	36	36	22	16	18	2	0	174
Lerdo Delivery Gate No. 8-23-006	0	0	0	54	54	105	109	61	0	61	0	0	444
+ Total Lerdo Gate Deliveries	0	18	14	276	373	755	992	639	424	494	212	8	4,205
Beardsley Canal Loss	0	16	44	60	61	60	61	61	60	61	60	61	605
Lerdo Loss	0	2	10	34	90	127	141	137	85	70	36	12	744
+ Total Loss	0	18	54	94	151	187	202	198	145	131	96	73	1,349
= Total Diverted for Cawelo WD	0	195	994	3,220	8,785	12,232	13,527	13,323	8,186	6,873	3,601	1,289	72,225

Cawelo Water District Source of Supply.

+ City of Bakersfield Basic Contract	0	0	542	2,858	8,063	7,737	6,400	6,400	0	0	0	0	32,000
+ City of Bakersfield Miscellaneous	0	0	0	0	0	0	0	0	0	0	2,647	510	3,157
+ City of Bakersfield Non-Kern River	0	121	452	362	722	0	0	0	0	0	748	779	3,184
+ Buena Vista WSD Exchange	0	0	0	0	0	4,495	7,127	6,923	8,186	6,873	206	0	33,810
+ Kern Delta WD Exchange	0	0	0	0	0	0	0	0	0	0	0	0	0
+ Rosedale RBWSD Exchange	0	0	0	0	0	0	0	0	0	0	0	0	0
+ North Kern WSD Exchange	0	0	0	0	0	0	0	0	0	0	0	0	0
+ Improvement District #4 Exchange	0	0	0	0	0	0	0	0	0	0	0	0	0
+ via CVC Conduit "A"	0	0	0	0	0	0	0	0	0	0	0	0	0
+ North Kern WSD Non-Kern River	0	74	0	0	0	0	0	0	0	0	0	0	74
= Total Cawelo Water District Supply	0	195	994	3,220	8,785	12,232	13,527	13,323	8,186	6,873	3,601	1,289	72,225

Year: 1995

Cawelo Water District Total from Beardstley-Lerdo Canal System

DISCHARGE IN CUBIC FEET PER SECOND

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	0	17	14	158	221	216	225	202	116	93	21
2	0	0	17	9	159	224	207	231	200	118	94	17
3	0	0	17	14	126	194	215	233	165	142	97	17
4	0	0	0	17	123	187	207	229	176	158	89	17
5	0	0	0	14	131	187	217	225	171	180	86	36
6	0	0	17	21	111	160	226	217	157	177	86	37
7	0	0	54	26	106	160	225	223	129	170	74	36
8	0	0	53	17	112	199	221	222	134	168	74	37
9	0	0	55	9	96	211	215	223	135	136	73	36
10	0	0	54	18	94	205	227	230	136	84	73	36
11	0	0	54	36	91	192	224	227	138	91	73	37
12	0	0	17	37	102	200	232	222	137	85	74	16
13	0	3	17	34	111	203	220	219	118	78	73	16
14	0	0	18	35	106	201	217	222	130	87	69	16
15	0	0	0	34	104	212	216	210	129	83	36	16
16	0	0	0	33	104	211	209	210	137	96	42	16
17	0	0	0	37	106	209	221	207	136	93	53	16
18	0	0	0	36	128	195	224	216	142	93	55	17
19	0	0	0	40	124	205	228	194	138	78	50	16
20	0	2	9	42	138	206	231	191	135	78	51	16
21	0	0	3	40	137	206	226	199	142	74	52	16
22	0	0	0	75	167	214	221	217	130	76	52	16
23	0	3	0	70	170	221	215	225	129	122	37	16
24	0	18	10	96	185	221	232	227	126	117	37	17
25	0	18	11	98	210	216	224	225	125	121	36	16
26	0	18	5	141	222	218	225	213	92	114	37	16
27	0	17	14	150	215	218	222	212	95	116	38	16
28	0	19	15	153	176	225	221	215	104	114	38	16
29	0	-	15	139	176	226	223	217	120	115	36	16
30	0	-	15	138	218	220	207	195	119	92	37	16
31	0	-	14	-	223	-	206	196	-	93	-	17
TOTAL	0	98	501	1,623	4,429	6,167	6,820	6,717	4,127	3,465	1,815	650
MAXIMUM DAY	0	19	55	153	223	226	232	233	202	180	97	37
MINIMUM DAY	0	0	0	9	91	160	206	191	92	74	36	16
MEAN	0	4	16	54	143	206	220	217	138	112	61	21
TOTAL AC.FT.	0	195	994	3,220	8,785	12,232	13,527	13,323	8,186	6,873	3,601	1,289
WHOLE YEAR:-	TOTAL,	36,412	MAX.,	233	MIN.,	0	MEAN,	100	TOTAL AC.FT.,	72,225		

Year: 1995

City of Bakersfield Diverted to Cawelo Water District
via Beardsley Canal Headgate
(Basic Contract)

DISCHARGE IN CUBIC FEET PER SECOND

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	0	6	6	146	221	216	225	0	0	0	0
2	0	0	5	0	147	224	207	231	0	0	0	0
3	0	0	5	7	115	194	215	233	0	0	0	0
4	0	0	0	10	111	187	207	229	0	0	0	0
5	0	0	0	9	119	187	217	225	0	0	0	0
6	0	0	7	16	98	160	226	217	0	0	0	0
7	0	0	42	21	94	160	225	223	0	0	0	0
8	0	0	42	11	102	199	221	222	0	0	0	0
9	0	0	44	2	85	211	215	223	0	0	0	0
10	0	0	42	13	84	205	227	230	0	0	0	0
11	0	0	41	30	80	192	224	227	0	0	0	0
12	0	0	5	31	91	200	232	222	0	0	0	0
13	0	0	4	28	99	203	220	219	0	0	0	0
14	0	0	5	30	95	201	217	222	0	0	0	0
15	0	0	0	28	93	212	158	79	0	0	0	0
16	0	0	0	29	93	211	0	0	0	0	0	0
17	0	0	0	33	95	209	0	0	0	0	0	0
18	0	0	0	31	117	195	0	0	0	0	0	0
19	0	0	0	33	111	205	0	0	0	0	0	0
20	0	0	0	36	124	125	0	0	0	0	0	0
21	0	0	0	35	124	0	0	0	0	0	0	0
22	0	0	0	66	157	0	0	0	0	0	0	0
23	0	0	0	62	159	0	0	0	0	0	0	0
24	0	0	0	91	174	0	0	0	0	0	0	0
25	0	0	1	93	198	0	0	0	0	0	0	0
26	0	0	0	135	209	0	0	0	0	0	0	0
27	0	0	2	144	201	0	0	0	0	0	0	0
28	0	0	5	146	163	0	0	0	0	0	0	0
29	0	-	6	133	164	0	0	0	0	0	0	0
30	0	-	5	132	207	0	0	0	0	0	0	0
31	0	-	6	-	210	-	0	0	-	0	-	0
TOTAL	0	0	273	1,441	4,065	3,901	3,227	3,227	0	0	0	0
MAXIMUM DAY	0	0	44	146	210	224	232	233	0	0	0	0
MINIMUM DAY	0	0	0	0	80	0	0	0	0	0	0	0
MEAN	0	0	9	48	131	130	104	104	0	0	0	0
TOTAL AC.FT.	0	0	542	2,858	8,063	7,737	6,400	6,400	0	0	0	0
WHOLE YEAR--	TOTAL,	16,134	MAX.,	233	MIN.,	0	MEAN,	44	TOTAL AC.FT.,	32,000		

DISCHARGE IN CUBIC FEET PER SECOND

City of Bakersfield Diverted to Cawelo Water District
via Beardsley Canal Headgate
(Miscellaneous)

Year: 1995

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	9
2	0	0	0	0	0	0	0	0	0	0	55	5
3	0	0	0	0	0	0	0	0	0	0	85	5
4	0	0	0	0	0	0	0	0	0	0	75	6
5	0	0	0	0	0	0	0	0	0	0	71	24
6	0	0	0	0	0	0	0	0	0	0	72	25
7	0	0	0	0	0	0	0	0	0	0	61	24
8	0	0	0	0	0	0	0	0	0	0	62	25
9	0	0	0	0	0	0	0	0	0	0	61	23
10	0	0	0	0	0	0	0	0	0	0	61	23
11	0	0	0	0	0	0	0	0	0	0	60	25
12	0	0	0	0	0	0	0	0	0	0	61	3
13	0	0	0	0	0	0	0	0	0	0	61	4
14	0	0	0	0	0	0	0	0	0	0	57	4
15	0	0	0	0	0	0	0	0	0	0	23	3
16	0	0	0	0	0	0	0	0	0	0	30	2
17	0	0	0	0	0	0	0	0	0	0	40	3
18	0	0	0	0	0	0	0	0	0	0	42	6
19	0	0	0	0	0	0	0	0	0	0	37	5
20	0	0	0	0	0	0	0	0	0	0	40	4
21	0	0	0	0	0	0	0	0	0	0	41	5
22	0	0	0	0	0	0	0	0	0	0	41	3
23	0	0	0	0	0	0	0	0	0	0	24	1
24	0	0	0	0	0	0	0	0	0	0	23	2
25	0	0	0	0	0	0	0	0	0	0	23	2
26	0	0	0	0	0	0	0	0	0	0	24	3
27	0	0	0	0	0	0	0	0	0	0	26	3
28	0	0	0	0	0	0	0	0	0	0	27	2
29	0	-	0	0	0	0	0	0	0	0	25	4
30	0	-	0	0	0	0	0	0	0	0	26	1
31	0	-	0	-	0	-	0	0	-	0	-	3
TOTAL	0	0	0	0	0	0	0	0	0	0	1,334	257
MAXIMUM DAY	0	0	0	0	0	0	0	0	0	0	85	25
MINIMUM DAY	0	0	0	0	0	0	0	0	0	0	0	1
MEAN	0	0	0	0	0	0	0	0	0	0	44	8
TOTAL AC.FT.	0	0	0	0	0	0	0	0	0	0	2,647	510
WHOLE YEAR:-	TOTAL,	1,591	MAX.,	85	MIN.,	0	MEAN,	4	TOTAL AC.FT.,	3,157		

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

DISCHARGE IN CUBIC FEET PER SECOND

Year: 1995

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	0	11	8	12	0	0	0	0	0	14	12
2	0	0	12	9	12	0	0	0	0	0	14	12
3	0	0	12	7	11	0	0	0	0	0	12	12
4	0	0	0	7	12	0	0	0	0	0	14	11
5	0	0	0	5	12	0	0	0	0	0	15	12
6	0	0	10	5	13	0	0	0	0	0	14	12
7	0	0	12	5	12	0	0	0	0	0	13	12
8	0	0	11	6	10	0	0	0	0	0	12	12
9	0	0	11	7	11	0	0	0	0	0	12	13
10	0	0	12	5	10	0	0	0	0	0	12	13
11	0	0	13	6	11	0	0	0	0	0	13	12
12	0	0	12	6	11	0	0	0	0	0	13	13
13	0	3	13	6	12	0	0	0	0	0	12	12
14	0	0	13	5	11	0	0	0	0	0	12	12
15	0	0	0	6	11	0	0	0	0	0	13	13
16	0	0	0	4	11	0	0	0	0	0	12	14
17	0	0	0	4	11	0	0	0	0	0	13	13
18	0	0	0	5	11	0	0	0	0	0	13	11
19	0	0	0	7	13	0	0	0	0	0	13	11
20	0	2	9	6	14	0	0	0	0	0	11	12
21	0	0	3	5	13	0	0	0	0	0	11	11
22	0	0	0	9	10	0	0	0	0	0	11	13
23	0	3	0	8	11	0	0	0	0	0	13	15
24	0	9	10	5	11	0	0	0	0	0	14	15
25	0	10	10	5	12	0	0	0	0	0	13	14
26	0	12	5	6	13	0	0	0	0	0	13	13
27	0	11	12	6	14	0	0	0	0	0	12	13
28	0	11	10	7	13	0	0	0	0	0	11	14
29	0	-	9	6	12	0	0	0	0	0	11	12
30	0	-	10	6	11	0	0	0	0	0	11	15
31	0	-	8	-	13	-	0	0	-	0	-	14
TOTAL	0	61	228	182	364	0	0	0	0	0	377	393
MAXIMUM DAY	0	12	13	9	14	0	0	0	0	0	15	15
MINIMUM DAY	0	0	0	4	10	0	0	0	0	0	11	11
MEAN	0	2	7	6	12	0	0	0	0	0	13	13
TOTAL AC.FT.	0	121	452	362	722	0	0	0	0	0	748	779
WHOLE YEAR:-	TOTAL,	1,605	MAX.,	15	MIN.,	0	MEAN,	4	TOTAL AC.FT.,	3,184		

Year: 1995

Buena Vista WSD Diverted to Cawelo WD

DISCHARGE IN CUBIC FEET PER SECOND

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	0	0	0	0	0	0	0	202	116	79	0
2	0	0	0	0	0	0	0	0	200	118	25	0
3	0	0	0	0	0	0	0	0	165	142	0	0
4	0	0	0	0	0	0	0	0	176	158	0	0
5	0	0	0	0	0	0	0	0	171	180	0	0
6	0	0	0	0	0	0	0	0	157	177	0	0
7	0	0	0	0	0	0	0	0	129	170	0	0
8	0	0	0	0	0	0	0	0	134	168	0	0
9	0	0	0	0	0	0	0	0	135	136	0	0
10	0	0	0	0	0	0	0	0	136	84	0	0
11	0	0	0	0	0	0	0	0	138	91	0	0
12	0	0	0	0	0	0	0	0	137	85	0	0
13	0	0	0	0	0	0	0	0	118	78	0	0
14	0	0	0	0	0	0	0	0	130	87	0	0
15	0	0	0	0	0	0	58	131	129	83	0	0
16	0	0	0	0	0	0	209	210	137	96	0	0
17	0	0	0	0	0	0	221	207	136	93	0	0
18	0	0	0	0	0	0	224	216	142	93	0	0
19	0	0	0	0	0	0	228	194	138	78	0	0
20	0	0	0	0	0	81	231	191	135	78	0	0
21	0	0	0	0	0	206	226	199	142	74	0	0
22	0	0	0	0	0	214	221	217	130	76	0	0
23	0	0	0	0	0	221	215	225	129	122	0	0
24	0	0	0	0	0	221	232	227	126	117	0	0
25	0	0	0	0	0	216	224	225	125	121	0	0
26	0	0	0	0	0	218	225	213	92	114	0	0
27	0	0	0	0	0	218	222	212	95	116	0	0
28	0	0	0	0	0	225	221	215	104	114	0	0
29	0	-	0	0	0	226	223	217	120	115	0	0
30	0	-	0	0	0	220	207	195	119	92	0	0
31	0	-	0	-	0	-	206	196	-	93	-	0
TOTAL	0	0	0	0	0	2,266	3,593	3,490	4,127	3,465	104	0
MAXIMUM DAY	0	0	0	0	0	226	232	227	202	180	79	0
MINIMUM DAY	0	0	0	0	0	0	0	0	92	74	0	0
MEAN	0	0	0	0	0	76	116	113	138	112	3	0
TOTAL AC.FT.	0	0	0	0	0	4,495	7,127	6,923	8,186	6,873	206	0
WHOLE YEAR:-	TOTAL,	17,045	MAX.,	232	MIN.,	0	MEAN,	47	TOTAL AC.FT.,	33,810		

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

Year: 1995

Quantities in acre-feet

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
+ Total Basic Contract Diverted	0	0	2,350	2,256	4,338	4,989	5,017	4,750	3,550	0	0	0	27,250
- Kern-Tulare Water District	0	0	2,043	1,962	3,773	4,339	4,358	4,130	3,095	0	0	0	23,700
= Rag Gulch Water District	0	0	307	294	565	650	659	620	455	0	0	0	3,550
+ Total "1983 Contract" Diverted	72	0	56	0	0	855	9,493	0	0	0	0	0	10,476
- Kern-Tulare Water District	62	0	50	0	0	744	8,177	0	0	0	0	0	9,033
= Rag Gulch Water District	10	0	6	0	0	111	1,316	0	0	0	0	0	1,443
+ Total Misc. Quantity Diverted	0	0	0	0	0	0	0	0	0	20	0	0	20
- Kern-Tulare Water District	0	0	0	0	0	0	0	0	0	20	0	0	20
= Rag Gulch Water District	0	0	0	0	0	0	0	0	0	0	0	0	0
= Total Diverted	72	0	2,406	2,256	4,338	5,844	14,510	4,750	3,550	20	0	0	37,746

+ via Calloway Canal	28	0	1,476	2,256	3,434	4,031	5,609	3,689	2,707	20	0	0	23,250
+ River Transportation Loss/Spreading	44	0	337	0	0	0	0	0	0	0	0	0	381
+ Carrier Canal Recharge	0	0	0	0	904	1,083	1,054	1,061	843	0	0	0	4,945
+ via Kern River Canal & Irrigating Co.	0	0	593	0	0	0	0	0	0	0	0	0	593
+ for Rosedale RBWSD	0	0	0	0	0	619	5,324	0	0	0	0	0	5,943
+ via Pioneer Inlet	0	0	0	0	0	111	742	0	0	0	0	0	853
+ via James Canal to Pioneer South	0	0	0	0	0	0	288	0	0	0	0	0	288
+ via 2800 Acres to Pioneer North	0	0	0	0	0	0	567	0	0	0	0	0	567
+ 2800 Acre Spreading	0	0	0	0	0	0	926	0	0	0	0	0	926
= Total Diverted to I.D. #4	72	0	2,406	2,256	4,338	5,844	14,510	4,750	3,550	20	0	0	37,746
- Kern-Tulare Water District	62	0	2,093	1,962	3,773	5,083	12,535	4,130	3,095	20	0	0	32,753
= Rag Gulch Water District	10	0	313	294	565	761	1,975	620	455	0	0	0	4,993

+ via Arvin-Edison Turnout	0	0	0	0	0	0	0	0	0	0	0	0	0
+ Canal Transportation Loss	0	0	0	0	0	0	0	0	0	0	0	0	0
= Total Diverted to Arvin-Edison T.O.	0	0	0	0	0	0	0	0	0	0	0	0	0
- Kern-Tulare Water District	0	0	0	0	0	0	0	0	0	0	0	0	0
= Rag Gulch Water District	0	0	0	0	0	0	0	0	0	0	0	0	0

+ Via North Kern Water Storage District	0	0	0	0	0	0	0	0	0	0	0	0	0
- Kern-Tulare Water District	0	0	0	0	0	0	0	0	0	0	0	0	0
= Rag Gulch Water District	0	0	0	0	0	0	0	0	0	0	0	0	0

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: 1995

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	0	42	30	35	75	77	80	75	0	0	0
2	0	0	43	30	35	71	72	81	75	0	0	0
3	0	0	46	27	44	70	73	82	76	0	0	0
4	0	0	62	27	43	70	74	81	75	0	0	0
5	0	0	62	30	36	72	71	82	68	0	0	0
6	0	0	48	32	34	66	76	83	65	0	0	0
7	0	0	43	28	36	68	77	80	73	0	0	0
8	0	0	43	28	50	70	78	77	78	0	0	0
9	0	0	45	27	54	70	78	80	77	0	0	0
10	0	0	34	31	56	72	79	79	73	0	0	0
11	0	0	29	37	80	76	76	79	74	0	0	0
12	0	0	27	38	70	76	76	73	70	0	0	0
13	0	0	30	32	74	76	76	78	74	0	0	0
14	0	0	29	22	70	74	76	79	75	0	0	0
15	0	0	29	22	54	63	80	83	81	0	0	0
16	0	0	30	29	44	63	78	80	79	0	0	0
17	0	0	28	24	67	69	78	77	75	0	0	0
18	0	0	28	19	67	70	79	72	71	0	0	0
19	0	0	34	24	70	72	79	73	75	0	0	0
20	0	0	34	23	75	69	80	80	73	0	0	0
21	0	0	19	28	65	72	76	84	72	0	0	0
22	0	0	29	30	71	74	80	79	6	0	0	0
23	0	0	27	34	70	76	78	77	0	0	0	0
24	0	0	25	43	70	80	76	81	0	0	0	0
25	0	0	28	64	70	77	73	77	0	0	0	0
26	0	0	26	49	77	79	76	77	0	0	0	0
27	0	0	29	48	80	78	77	28	0	0	0	0
28	0	0	25	44	74	77	78	0	0	0	0	0
29	0	-	27	44	74	79	50	0	0	0	0	0
30	0	-	25	45	76	83	0	0	0	0	0	0
31	0	-	4	-	81	-	0	0	-	0	-	0
TOTAL	0	0	1,030	989	1,902	2,187	2,197	2,082	1,560	0	0	0
MAXIMUM DAY	0	0	62	64	81	83	80	84	81	0	0	0
MINIMUM DAY	0	0	4	19	34	63	0	0	0	0	0	0
MEAN	0	0	33	33	61	73	71	67	52	0	0	0
TOTAL AC.FT.	0	0	2,043	1,962	3,773	4,339	4,358	4,130	3,095	0	0	0
WHOLE YEAR--	TOTAL,	11,947	MAX.,	84	MIN.,	0	MEAN,	33	TOTAL AC.FT.,	23,700		

DISCHARGE IN CUBIC FEET PER SECOND

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

Year: 1995

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	0	0	0	0	0	0	0	0	10	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	10	0	0
MAXIMUM DAY	0	0	0	0	0	0	0	0	0	10	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	20	0	0
WHOLE YEAR:-	TOTAL,	10	MAX.,	10	MIN.,	0	MEAN,	0	TOTAL AC.FT.,	20		

Year: 1995

City of Bakersfield Diverted for Kern-Tulare WD
(Kern-Tulare WD/Improvement District No. 4 Exchange)
(1983 Contract)

DISCHARGE IN CUBIC FEET PER SECOND

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	0	0	0	0	0	132	0	0	0	0	0
2	0	0	0	0	0	0	127	0	0	0	0	0
3	0	0	0	0	0	0	123	0	0	0	0	0
4	0	0	0	0	0	0	115	0	0	0	0	0
5	0	0	0	0	0	0	99	0	0	0	0	0
6	0	0	0	0	0	0	112	0	0	0	0	0
7	0	0	0	0	0	0	128	0	0	0	0	0
8	0	0	0	0	0	0	130	0	0	0	0	0
9	0	0	0	0	0	0	121	0	0	0	0	0
10	0	0	0	0	0	0	122	0	0	0	0	0
11	0	0	0	0	0	0	268	0	0	0	0	0
12	0	0	0	0	0	0	268	0	0	0	0	0
13	0	0	0	0	0	0	289	0	0	0	0	0
14	0	0	0	0	0	0	303	0	0	0	0	0
15	0	0	0	0	0	0	340	0	0	0	0	0
16	0	0	0	0	0	0	342	0	0	0	0	0
17	0	0	0	0	0	0	376	0	0	0	0	0
18	0	0	0	0	0	0	388	0	0	0	0	0
19	0	0	0	0	0	0	340	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	27	0	0	0	0	0	0	0	0	0	0	0
27	4	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	105	0	0	0	0	0	0
29	0	-	0	0	0	43	0	0	0	0	0	0
30	0	-	0	0	0	227	0	0	0	0	0	0
31	0	-	25	-	0	-	0	0	-	0	-	0
TOTAL	31	0	25	0	0	375	4,123	0	0	0	0	0
MAXIMUM DAY	27	0	25	0	0	227	388	0	0	0	0	0
MINIMUM DAY	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	1	0	1	0	0	13	133	0	0	0	0	0
TOTAL AC.FT.	62	0	50	0	0	744	8,177	0	0	0	0	0
WHOLE YEAR:-	TOTAL,	4,554	MAX.,	388	MIN.,	0	MEAN,	12	TOTAL AC.FT.,	9,033		

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

Year: 1995

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	0	6	5	4	11	12	12	11	0	0	0
2	0	0	6	5	5	11	11	12	11	0	0	0
3	0	0	7	4	7	10	11	12	11	0	0	0
4	0	0	9	4	7	11	11	12	11	0	0	0
5	0	0	10	4	5	11	11	12	10	0	0	0
6	0	0	7	5	4	10	11	12	10	0	0	0
7	0	0	6	4	5	10	12	12	11	0	0	0
8	0	0	6	4	7	10	12	12	11	0	0	0
9	0	0	7	4	8	11	12	12	11	0	0	0
10	0	0	5	5	8	11	12	12	11	0	0	0
11	0	0	4	5	12	11	12	12	11	0	0	0
12	0	0	4	6	10	11	12	11	11	0	0	0
13	0	0	5	5	12	11	11	12	11	0	0	0
14	0	0	5	3	11	11	11	12	11	0	0	0
15	0	0	4	3	8	10	12	12	11	0	0	0
16	0	0	5	4	7	10	12	12	11	0	0	0
17	0	0	4	4	10	10	12	11	11	0	0	0
18	0	0	4	3	10	11	12	11	11	0	0	0
19	0	0	5	4	11	11	12	11	11	0	0	0
20	0	0	5	3	12	10	12	12	11	0	0	0
21	0	0	3	4	10	11	12	13	11	0	0	0
22	0	0	4	5	11	11	12	12	1	0	0	0
23	0	0	4	5	10	11	12	11	0	0	0	0
24	0	0	4	7	10	11	11	12	0	0	0	0
25	0	0	4	8	10	11	11	12	0	0	0	0
26	0	0	4	7	11	12	11	12	0	0	0	0
27	0	0	5	7	12	12	12	4	0	0	0	0
28	0	0	4	7	12	12	12	0	0	0	0	0
29	0	-	4	7	12	12	6	0	0	0	0	0
30	0	-	4	7	12	13	0	0	0	0	0	0
31	0	-	1	-	12	-	0	0	-	0	-	0
TOTAL	0	0	155	148	285	328	332	312	230	0	0	0
MAXIMUM DAY	0	0	10	8	12	13	12	13	11	0	0	0
MINIMUM DAY	0	0	1	3	4	10	0	0	0	0	0	0
MEAN	0	0	5	5	9	11	11	10	8	0	0	0
TOTAL AC.FT.	0	0	307	294	565	650	659	620	455	0	0	0
WHOLE YEAR-	TOTAL,	1,790	MAX.,	13	MIN.,	0	MEAN,	5	TOTAL AC.FT.,	3,550		

City of Bakersfield Diverted for Rag Gulch WD
(Rag Gulch WD/Improvement District No. 4 Exchange)
(1983 Contract)

Year: 1995

DISCHARGE IN CUBIC FEET PER SECOND

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	0	0	0	0	0	21	0	0	0	0	0
2	0	0	0	0	0	0	20	0	0	0	0	0
3	0	0	0	0	0	0	20	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	16	0	0	0	0	0
6	0	0	0	0	0	0	18	0	0	0	0	0
7	0	0	0	0	0	0	21	0	0	0	0	0
8	0	0	0	0	0	0	21	0	0	0	0	0
9	0	0	0	0	0	0	19	0	0	0	0	0
10	0	0	0	0	0	0	20	0	0	0	0	0
11	0	0	0	0	0	0	43	0	0	0	0	0
12	0	0	0	0	0	0	43	0	0	0	0	0
13	0	0	0	0	0	0	47	0	0	0	0	0
14	0	0	0	0	0	0	49	0	0	0	0	0
15	0	0	0	0	0	0	55	0	0	0	0	0
16	0	0	0	0	0	0	55	0	0	0	0	0
17	0	0	0	0	0	0	61	0	0	0	0	0
18	0	0	0	0	0	0	62	0	0	0	0	0
19	0	0	0	0	0	0	54	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	4	0	0	0	0	0	0	0	0	0	0	0
27	1	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	16	0	0	0	0	0	0
29	0	-	0	0	0	7	0	0	0	0	0	0
30	0	-	0	0	0	33	0	0	0	0	0	0
31	0	-	3	-	0	-	0	0	-	0	-	0
TOTAL	5	0	3	0	0	56	663	0	0	0	0	0
MAXIMUM DAY	4	0	3	0	0	33	62	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	2	21	0	0	0	0	0
TOTAL AC.FT.	10	0	6	0	0	111	1,316	0	0	0	0	0
WHOLE YEAR:-	TOTAL,	727	MAX.,	62	MIN.,	0	MEAN,	2	TOTAL AC.FT.,	1,443		

Year: 1995

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

DISCHARGE IN CUBIC FEET PER SECOND

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	137	0	83	178	207	168	225	213	241	0	131	0
2	142	0	90	178	209	166	222	217	243	0	100	0
3	196	0	89	179	207	168	221	215	211	0	54	0
4	241	0	102	179	201	167	219	217	176	0	54	0
5	284	0	163	174	205	168	217	216	178	0	52	0
6	240	0	191	174	207	165	222	216	180	0	49	0
7	237	0	177	176	206	173	227	211	181	0	55	0
8	221	0	170	174	218	176	225	218	181	0	55	0
9	208	0	184	183	228	178	226	220	181	0	55	0
10	274	0	177	199	228	179	221	224	184	0	54	0
11	285	0	198	200	225	179	222	228	182	0	55	0
12	231	0	193	201	227	179	224	229	182	0	55	0
13	141	0	196	200	214	178	220	227	182	0	56	0
14	112	0	200	201	217	181	226	221	179	0	56	0
15	153	0	200	200	214	180	227	223	179	0	57	0
16	145	0	189	199	220	179	223	226	180	0	55	0
17	68	42	174	198	228	181	223	219	181	0	56	0
18	37	228	174	199	227	181	218	223	182	0	56	0
19	51	228	174	199	226	179	219	221	180	0	55	0
20	0	228	176	201	226	133	221	225	182	0	66	0
21	0	224	179	203	226	79	217	232	180	0	75	0
22	0	221	180	201	224	82	213	254	182	0	73	0
23	0	126	181	200	174	80	217	253	184	0	75	0
24	0	0	173	194	168	79	214	250	182	0	75	0
25	0	0	177	199	173	80	217	250	179	6	77	0
26	0	0	182	205	177	79	222	252	181	69	76	0
27	0	0	183	210	178	95	224	247	182	66	75	0
28	0	0	184	211	176	194	220	243	183	65	72	0
29	0	-	179	210	176	229	219	243	154	77	73	0
30	0	-	180	209	166	224	220	242	0	129	68	0
31	0	-	180	-	168	-	216	239	-	134	-	0
TOTAL	3,403	1,297	5,278	5,834	6,346	4,679	6,847	7,114	5,372	546	1,965	0
MAXIMUM DAY	285	228	200	211	228	229	227	254	243	134	131	0
MINIMUM DAY	0	0	83	174	166	79	213	211	0	0	49	0
MEAN	110	46	170	194	205	156	221	229	179	18	66	0
TOTAL AC.FT.	6,750	2,572	10,469	11,572	12,587	9,281	13,581	14,110	10,654	1,083	3,898	0
WHOLE YEAR:-	TOTAL,	48,681	MAX.,	285	MIN.,	0	MEAN,	133	TOTAL AC.FT.,	96,557		

DISCHARGE IN CUBIC FEET PER SECOND

City of Bakersfield Diverted for Rosedale Rio Bravo WSD
via Arvin-Edison Canal Turnout (Basic Contract)
(Pursuant to RRBWSD/City/ID4 Agreement dated October 20, 1995)

Year: 1995

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	25	0	0
22	0	0	0	0	0	0	0	0	0	200	0	0
23	0	0	0	0	0	0	0	0	0	197	0	0
24	0	0	0	0	0	0	0	0	0	197	0	0
25	0	0	0	0	0	0	0	0	0	168	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	787	0	0
MAXIMUM DAY	0	0	0	0	0	0	0	0	0	200	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	25	0	0
TOTAL AC.FT.	0	0	0	0	0	0	0	0	0	1,561	0	0
WHOLE YEAR:-	TOTAL,	787	MAX.,	200	MIN.,	0	MEAN,	2	TOTAL AC.FT.,	1,561		

DISCHARGE IN CUBIC FEET PER SECOND

City of Bakersfield Diverted for Rosedale Rio Bravo WSD
via Improvement District No. 4 Exchange
(Pursuant to RRBWSD/City/ID4 Agreement dated November 1, 1995)

Year: 1995

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	65	0
4	0	0	0	0	0	0	0	0	0	0	71	0
5	0	0	0	0	0	0	0	0	0	0	71	0
6	0	0	0	0	0	0	0	0	0	0	59	0
7	0	0	0	0	0	0	0	0	0	0	67	0
8	0	0	0	0	0	0	0	0	0	0	75	0
9	0	0	0	0	0	0	0	0	0	0	70	0
10	0	0	0	0	0	0	0	0	0	0	70	0
11	0	0	0	0	0	0	0	0	0	0	72	0
12	0	0	0	0	0	0	0	0	0	0	74	0
13	0	0	0	0	0	0	0	0	0	0	72	0
14	0	0	0	0	0	0	0	0	0	0	67	0
15	0	0	0	0	0	0	0	0	0	0	75	0
16	0	0	0	0	0	0	0	0	0	0	75	0
17	0	0	0	0	0	0	0	0	0	0	74	0
18	0	0	0	0	0	0	0	0	0	0	73	0
19	0	0	0	0	0	0	0	0	0	0	70	0
20	0	0	0	0	0	0	0	0	0	0	76	0
21	0	0	0	0	0	0	0	0	0	0	65	0
22	0	0	0	0	0	0	0	0	0	0	66	0
23	0	0	0	0	0	0	0	0	0	0	62	0
24	0	0	0	0	0	0	0	0	0	0	52	0
25	0	0	0	0	0	0	0	0	0	0	58	0
26	0	0	0	0	0	0	0	0	0	0	59	0
27	0	0	0	0	0	0	0	0	0	0	58	0
28	0	0	0	0	0	0	0	0	0	0	65	0
29	0	-	0	0	0	0	0	0	0	0	61	0
30	0	-	0	0	0	0	0	0	0	0	54	0
31	0	-	0	-	0	-	0	0	-	0	-	0
TOTAL	0	0	0	0	0	0	0	0	0	0	1,876	0
MAXIMUM DAY	0	0	0	0	0	0	0	0	0	0	76	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	63	0
TOTAL AC.FT.	0	0	0	0	0	0	0	0	0	0	3,721	0
WHOLE YEAR:-	TOTAL,	1,876	MAX.,	76	MIN.,	0	MEAN,	5	TOTAL AC.FT.,	3,721		

City of Bakersfield Diverted to Wm. Bothouse Farms, Inc.
via Rosedale Channel (Miscellaneous)

DISCHARGE IN CUBIC FEET PER SECOND

Year: 1995

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	0	0	0	7	0	0	0	9	0	6	0
2	0	0	0	0	6	0	0	0	5	0	6	0
3	0	0	0	0	2	0	0	0	5	0	6	0
4	0	0	0	0	0	0	0	0	5	0	7	0
5	0	0	0	0	0	0	0	0	1	0	6	0
6	0	0	0	0	0	0	0	0	5	0	7	0
7	0	0	0	0	0	0	0	0	7	0	6	0
8	0	0	0	0	5	0	0	0	9	0	7	0
9	0	0	0	0	5	0	0	5	6	0	6	0
10	0	0	0	0	7	0	0	5	7	0	0	0
11	0	0	0	0	5	0	0	9	4	0	0	0
12	0	0	0	0	6	0	0	9	5	0	0	0
13	0	0	0	0	5	0	0	9	3	0	0	0
14	0	0	0	0	7	0	0	6	2	0	0	0
15	0	0	0	0	7	0	0	6	8	0	0	0
16	0	0	0	0	0	0	0	7	6	0	0	0
17	0	0	0	0	0	0	0	4	1	0	0	0
18	0	0	0	0	0	0	0	4	2	0	0	0
19	0	0	0	0	7	0	0	3	6	0	0	0
20	0	0	0	0	7	0	0	2	8	0	0	0
21	0	0	0	0	6	0	0	7	5	0	0	0
22	0	0	0	0	7	0	0	7	2	0	0	0
23	0	0	0	0	7	0	0	7	2	0	0	0
24	0	0	0	0	0	0	0	5	3	0	0	0
25	0	0	0	0	0	0	0	4	9	6	0	0
26	0	0	0	0	2	0	0	3	9	46	0	0
27	0	0	0	7	2	0	0	7	8	0	0	0
28	0	0	0	7	2	0	0	6	3	0	0	0
29	0	-	0	6	2	0	0	4	0	0	0	0
30	0	-	0	7	0	0	0	8	0	3	0	0
31	0	-	0	-	0	-	0	8	-	3	-	0
TOTAL	0	0	0	27	104	0	0	135	145	58	57	0
MAXIMUM DAY	0	0	0	7	7	0	0	9	9	46	7	0
MINIMUM DAY	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	1	3	0	0	4	5	2	2	0
TOTAL AC.FT.	0	0	0	53	207	0	0	267	287	116	113	0
WHOLE YEAR:-	TOTAL,	526	MAX.,	46	MIN.,	0	MEAN,	1	TOTAL AC.FT.,	1,043		

Henry Miller Water District Diverted to Rosedale Rio Bravo WSD
(HMWD/RRBWS D 1995 Banking Program)

DISCHARGE IN CUBIC FEET PER SECOND

Year: 1995

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	0	0	0	0	0	12	12	12	0	0	0
2	0	0	0	0	0	0	12	12	12	0	0	0
3	0	0	0	0	0	0	12	12	12	0	0	0
4	0	0	0	0	0	0	12	12	12	0	0	0
5	0	0	0	0	0	0	12	12	12	0	0	0
6	0	0	0	0	0	0	12	12	12	0	0	0
7	0	0	0	0	0	6	12	12	12	0	0	0
8	0	0	0	0	0	9	12	12	12	0	0	0
9	0	0	0	0	0	11	12	12	12	0	0	0
10	0	0	0	0	0	12	12	12	12	0	0	0
11	0	0	0	0	0	12	12	12	12	0	0	0
12	0	0	0	0	0	12	12	12	12	0	0	0
13	0	0	0	0	0	11	12	12	12	0	0	0
14	0	0	0	0	0	14	12	12	91	0	0	0
15	0	0	0	0	0	13	12	12	106	0	0	0
16	0	0	0	0	0	12	12	12	109	0	0	0
17	0	0	0	0	0	14	12	12	111	0	0	0
18	0	0	0	0	0	14	12	12	110	0	0	0
19	0	0	0	0	0	12	12	12	109	0	0	0
20	0	0	0	0	0	12	12	12	109	0	0	0
21	0	0	0	0	0	11	12	12	48	0	0	0
22	0	0	0	0	0	15	12	12	36	0	0	0
23	0	0	0	0	0	21	12	12	36	0	0	0
24	0	0	0	0	0	12	12	12	34	0	0	0
25	0	0	0	0	0	17	12	12	28	0	0	0
26	0	0	0	0	0	10	12	12	71	0	0	0
27	0	0	0	0	0	25	12	12	107	0	0	0
28	0	0	0	0	0	8	12	12	111	0	0	0
29	0	-	-	0	0	12	12	12	98	0	0	0
30	0	-	-	0	0	12	12	12	0	0	0	0
31	0	-	-	0	0	-	12	12	-	0	-	0
TOTAL	0	0	0	0	0	307	372	372	1,470	0	0	0
MAXIMUM DAY	0	0	0	0	0	25	12	12	111	0	0	0
MINIMUM DAY	0	0	0	0	0	0	12	12	0	0	0	0
MEAN	0	0	0	0	0	10	12	12	49	0	0	0
TOTAL AC.FT.	0	0	0	0	0	609	738	738	2,915	0	0	0
WHOLE YEAR:-	TOTAL,	2,521	MAX.,	111	MIN.,	0	MEAN,	7	TOTAL AC.FT.,	5,000		

Year: 1995

Hacienda Water District Diverted to Rosedale Rio Bravo WSD
(Hacienda WD/Paramount Farming Co./Dudley Ridge WD/RRBWS D Banking Program)

DISCHARGE IN CUBIC FEET PER SECOND

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	0	0	0	0	0	0	39	55	0	0	0
2	0	0	0	0	0	0	0	43	61	0	0	0
3	0	0	0	0	0	0	0	41	29	0	0	0
4	0	0	0	0	0	0	0	44	0	0	0	0
5	0	0	0	0	0	0	0	42	0	0	0	0
6	0	0	0	0	0	0	0	39	0	0	0	0
7	0	0	0	0	0	0	0	33	0	0	0	0
8	0	0	0	0	0	0	0	44	0	0	0	0
9	0	0	0	0	0	0	0	41	0	0	0	0
10	0	0	0	0	0	0	0	45	0	0	0	0
11	0	0	0	0	0	0	0	45	0	0	0	0
12	0	0	0	0	0	0	0	47	0	0	0	0
13	0	0	0	0	0	0	0	40	0	0	0	0
14	0	0	0	0	0	0	0	37	57	0	0	0
15	0	0	0	0	0	0	0	42	68	0	0	0
16	0	0	0	0	0	0	0	45	70	0	0	0
17	0	0	0	0	0	0	0	41	71	0	0	0
18	0	0	0	0	0	0	0	45	70	0	0	0
19	0	0	0	0	0	0	0	43	69	0	0	0
20	0	0	0	0	0	0	0	47	70	0	0	0
21	0	0	0	0	0	0	0	46	30	0	0	0
22	0	0	0	0	0	0	0	73	23	0	0	0
23	0	0	0	0	0	0	0	70	23	0	0	0
24	0	0	0	0	0	0	0	70	21	0	0	0
25	0	0	0	0	0	0	0	73	17	0	0	0
26	0	0	0	0	0	0	0	72	43	0	0	0
27	0	0	0	0	0	0	0	63	69	0	0	0
28	0	0	0	0	0	0	0	59	71	0	0	0
29	0	0	0	0	0	0	0	62	60	0	0	0
30	0	0	0	0	0	0	0	56	4	0	0	0
31	0	0	0	0	0	0	0	53	0	0	0	0
TOTAL	0	0	0	0	0	0	0	1,540	981	0	0	0
MAXIMUM DAY	0	0	0	0	0	0	0	73	71	0	0	0
MINIMUM DAY	0	0	0	0	0	0	0	33	0	0	0	0
MEAN	0	0	0	0	0	0	0	50	33	0	0	0
TOTAL AC.FT.	0	0	0	0	0	0	0	3,054	1,946	0	0	0
WHOLE YEAR:-	TOTAL,	2,521	MAX.,	73	MIN.,	0	MEAN,	7	TOTAL AC.FT.,	5,000		

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

Quantities in acre-feet

Year: 1995

1	2	3	4	5		6		7		8		9	10	11
				(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)			
Friant-Kern Inflow	Friant-Kern Delivered	River Canal Transportation Charge on Column 2	Total Kern River Delivered	No Charge (1st 4000)	Basic Contract acre-feet Sold at \$1.00	Miscellaneous acre-feet Sold at \$6.00	Miscellaneous acre-feet Sold at \$21.00	Mandatory Release Delivered	Henry Miller WD Banking Program	Other				
0	0	0	(g) 7,946	4,000	3,946	0	0	0	0	0	0	0	0	0
2,572	2,572	0	0	0	0	0	0	0	0	(h) 2,572	0	0	0	0
3,896	3,896	0	6,573	4,000	(i) 6,049	0	0	0	0	(h) 420	0	0	0	0
0	0	0	11,519	0	2,005	9,514	0	0	0	0	0	0	0	0
693	693	0	11,687	0	0	11,687	0	0	0	(i) 693	0	0	0	0
0	0	0	11,165	0	0	9,937	0	0	0	(k) 619	0	0	0	0
0	0	0	20,097	0	0	10,269	0	0	0	(k) 9,090	0	0	0	0
0	0	0	14,061	0	0	10,269	0	0	0	(l) 3,054	0	0	0	0
1,309	1,309	0	9,225	0	0	(m) 5,673	0	0	0	(l) 1,946	0	0	0	0
0	0	0	(n) 2,528	2,528	0	0	0	0	0	0	0	0	0	0
0	0	0	(o) 7,506	1,472	6,000	34	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8,470	8,470	0	102,307	12,000	18,000	57,393	0	0	0	5,000	0	0	0	18,394

3,880 = Current Escalator = 3,880
 \$0.00 = Totals = \$69,840.00
 (per 1961 Agreement)

1994
1993
1992
1991
Preceding Four Years
Five Year Totals
Five Year Averages

Notes :

- (a) As charged RRBWSD by U.S.B.R.
- (b) Column 1 less transportation losses.
- (c) \$0.10 per acre-foot escalated annually (31.6 = 1-82 base index).
- (d) \$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.
- (e) Subject to annual escalation per 1976 agreement (62.8 = 1-82 base index).
- (f) Delivered during periods of Kern River Mandatory Release when designated by U.S. Army Corps of Engineers.
- (g) Includes 1,196 acre-feet delivered to Improvement District #4 pursuant to RRBWSD letter dated January 12, 1995.
- (h) Reflects utilization of Friant-Kern flood release water.
- (i) Includes 3,476 acre-feet of Friant-Kern flood release water delivered in lieu of Kern River Basic Contract water.
- (j) Reflects purchase of Friant-Kern "215" Contract water.
- (k) Reflects Improvement District #4 exchange water.
- (l) Reflects RRBWSD/Hacienda WD/Paramount Farming Co./Dudley Ridge WD Banking Program water.
- (m) Includes 1,309 acre-feet of Friant-Kern water delivered pursuant to RRBWSD/NKWSD exchange.
- (n) Includes 1,561 acre-feet of Improvement District #4 exchange water.
- (o) Includes 3,721 acre-feet of Improvement District #4 exchange water.

ROSEDALE RBWSD DIVERSION RECAPITULATION

Quantities in acre-feet

YEAR: 1995

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL	
Rosedale Channel at Headworks	+	6,750	2,572	10,469	11,572	12,587	9,281	13,581	14,110	10,654	1,083	3,898	0	96,557
City to Bolthouse Farms	-	0	0	0	53	207	0	0	267	287	116	113	0	1,043
for Rosedale RBWSD	=	6,750	2,572	10,469	11,519	12,380	9,281	13,581	13,843	10,367	967	3,785	0	95,514
via James Canal to Pioneer South	+	0	0	0	0	0	0	476	0	0	0	0	0	476
via Pioneer Canal to Pioneer North	+	0	0	0	0	0	0	2,224	0	0	0	0	0	2,224
via 2800 Acres to Pioneer North	+	0	0	0	0	1,884	1,265	0	0	0	0	0	0	3,149
2800 Acre Spreading	+	0	0	0	0	0	1,545	0	0	0	0	0	0	1,545
Fast Irrigation Delivery	+	0	0	0	0	0	500	218	167	0	0	0	0	885
Kern River Spdg. (Below Bellevue)	+	0	0	0	0	0	506	0	0	0	0	0	0	506
via Calloway River Weir (ID4 Exch.)	+	1,196	0	0	0	0	0	0	0	0	0	962	0	2,158
via Arvin - Edison T.O. (ID4 Exch.)	+	0	0	0	0	0	0	0	0	1,561	0	0	0	1,561
via Carrier Canal (ID4 Exch.)	+	0	0	0	0	0	0	0	0	0	478	0	0	478
via Calloway Canal (ID4 Exch.)	+	0	0	0	0	0	0	0	0	0	2,281	0	0	2,281
Total Diverted	=	7,946	2,572	10,469	11,519	12,380	11,165	20,097	14,061	10,534	2,528	7,506	0	110,777

City of Bakersfield Basic Contract	+	7,946	0	10,049	2,005	0	0	0	0	0	2,528	7,472	0	30,000
City of Bakersfield Miscellaneous	+	0	0	0	9,514	11,687	9,937	10,269	10,269	5,673	0	34	0	57,383
Henry Miller WD	+	0	0	0	0	0	609	738	738	2,915	0	0	0	5,000
Hacienda WD	+	0	0	0	0	0	0	3,054	1,946	0	0	0	0	5,000
Improvement District #4	+	0	0	0	0	0	619	9,090	0	0	0	0	0	9,709
Friant-Kern Purchase	+	0	0	0	0	693	0	0	0	0	0	0	0	693
Friant-Kern Floodwater	+	0	2,572	420	0	0	0	0	0	0	0	0	0	2,992
Total Supply	=	7,946	2,572	10,469	11,519	12,380	11,165	20,097	14,061	10,534	2,528	7,506	0	110,777

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)

- (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

Pursuant to June 6, 1976 Agreement No. 76-80

Quantities in acre-feet

Year: 1995

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
City Entitlement + or - Release	5,359	1,554	38,791	31,430	57,618	59,688	47,689	21,208	1,228	1,230	1,190	1,372	268,357
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	10,000	5,000	6,919	0	0	0	0	21,919
Cawelo Water District	0	0	542	2,858	8,063	7,737	6,400	6,400	0	0	0	0	32,000
Kern-Tulare Water District	62	0	2,093	1,962	3,773	5,083	12,535	4,130	3,095	0	0	0	32,733
Rag Gulch Water District	10	0	313	294	565	761	1,975	620	455	0	0	0	4,993
Rosedale Rio Bravo WSD	7,946	0	10,049	2,005	0	0	0	0	0	2,528	7,472	0	30,000
Kern River Canal & Irrigating Co.	0	0	0	0	0	0	0	0	0	0	0	0	0
First Point Passing Second Point	0	0	0	0	0	0	0	0	0	0	0	0	0
Isabella Reservoir Loss	8	28	142	347	473	935	1,484	1,351	836	564	255	109	6,532
River Transportation Loss	645	28	2,998	9,630	8,010	6,720	7,403	5,947	3,816	1,477	1,185	(1)	47,858
Total Basic Commitments	8,687	72	16,181	17,156	20,961	31,341	34,924	25,488	8,293	4,634	8,954	134	176,825

Total City Miscellaneous Water.....	91,532
Rosedale Rio Bravo WSD 1/3 Share.....	30,511

Misc. Water Delivered to RRBWSD	0	0	0	9,514	11,687	9,937	10,269	10,269	5,673	0	34	0	57,383
Del. under Art. 11, Sec. 2.1 (X7)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Misc. Delivered to RRBWSD	0	0	0	9,514	11,687	9,937	10,269	10,269	5,673	0	34	0	57,383

Over (Under) City Miscellaneous Water Obligation.....	26,872
Prior Year Miscellaneous Water Delivery Balance.....	(14,521)
Cumulative Miscellaneous Water Delivery Balance.....	12,351

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

Notes:

(1) Includes water delivered pursuant to Article II, Section 2.1 (l) (7) of Agreement No. 76-80, "Failure to Accept Water".

Column (B) = Column (A) x 1/3.

Column (D) = Column (C) minus Column (B).

KERN RIVER CANAL & IRRIGATING COMPANY
CITY OF BAKERSFIELD

Year: 1995

Quantities in acre-feet

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
Kern River Entitlement	1,093	494	4,830	3,260	10,182	10,274	5,449	2,016	117	0	0	40	37,755
Release	0	(39)	(31)	0	0	0	0	0	894	0	0	512	1,336
ENTITLEMENT + OR - RELEASE	1,093	455	4,799	3,260	10,182	10,274	5,449	2,016	1,011	0	0	552	39,091
Oilfield Discharge	0	87	42	319	0	26	0	3	209	567	0	0	1,253
Other	0	462	593	0	0	0	0	0	0	0	0	0	1,055
Into Isabella Storage	897	307	3,350	1,855	5,502	4,483	1,595	48	770	0	0	540	19,347
From Isabella Storage	0	0	0	0	0	0	530	863	419	208	187	24	2,231
To NKWSD in Isabella Storage	196	0	0	0	0	0	0	0	0	0	0	0	196
DIVERTED AT HEAD	0	697	2,084	1,724	4,680	5,817	4,384	2,834	869	775	187	36	24,087
Irrigation Deliveries	0	59	24	402	1,183	2,228	2,251	1,785	566	469	136	10	9,113
NKWSD at Seventh Standard Line	0	148	1,449	978	3,055	3,082	1,635	605	36	0	0	12	11,000
Cawelo WD at Pump Station "B"	0	0	0	0	0	0	0	0	0	0	0	0	0
Spreading Deliveries	0	444	550	95	206	56	52	0	6	71	0	0	1,480
Canal Loss	0	46	61	249	236	451	446	444	261	235	51	14	2,494
Irrigation Delivery Percentage	0%	30%	71%	80%	91%	91%	89%	84%	69%	61%	73%	61%	84%

Into Isabella Storage	897	307	3,350	1,855	5,502	4,483	1,595	48	770	0	0	540	19,347
Isabella Evaporation Loss	2	8	22	56	99	226	361	379	347	286	172	99	2,057
From Isabella Storage	0	0	0	0	0	0	530	863	419	208	187	24	2,231
Transfer in Storage	0	0	0	0	0	0	0	0	0	0	0	0	0
End of Month Isabella Storage	895	1,194	4,522	6,321	11,724	15,981	16,685	15,491	15,495	15,001	14,642	15,059	

SOUTH FORK DIVERSION RIGHT SUMMARY

Year: 1995

Quantities in acre-feet

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
Kern River Entitlement	569	555	252	212	295	288	177	240	595	553	517	579	4,832
Release	(368)	(320)	67	413	352	256	103	200	26	94	107	(579)	351
Entitlement + or - Release	201	235	319	625	647	544	280	440	621	647	624	0	5,183
Into Isabella Storage	201	235	319	595	637	332	162	220	565	615	549	0	4,430
From Isabella Storage	0	0	0	0	0	38	67	22	0	0	0	0	127
Other	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Deliveries	0	0	0	30	10	250	185	242	56	32	75	0	880
Old South Fork	0	0	0	0	0	0	0	0	0	0	0	0	0
Panama Ranch	0	0	0	30	10	250	185	242	56	32	75	0	880

Into Isabella Storage	201	235	319	595	637	332	162	220	565	615	549	0	4,430
From Isabella Storage	0	0	0	0	0	38	67	22	0	0	0	0	127
Transfer in Storage	0	0	0	0	0	0	0	0	0	0	4,102	0	4,102
End of Month Isabella Storage	600	835	1,154	1,749	2,386	2,680	2,775	2,973	3,538	4,153	600	600	

DISCHARGE IN CUBIC FEET PER SECOND

City of Bakersfield Diverted to Kern Valley Golf Course

Year: 1995

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	0	0	0	0	1	0	1	1	0	0	0
2	0	0	0	0	0	0	1	0	0	1	0	0
3	0	0	0	0	1	1	0	1	1	0	0	0
4	0	0	0	1	0	0	1	0	0	0	0	0
5	0	0	0	0	0	1	0	0	0	0	1	0
6	0	0	0	0	0	0	1	1	0	1	0	0
7	0	0	0	0	1	1	0	0	1	0	0	0
8	0	0	0	0	0	0	1	1	0	0	0	0
9	0	0	0	0	0	1	0	0	0	0	0	0
10	0	0	0	0	0	0	1	1	0	1	0	0
11	0	0	0	0	1	1	0	0	0	0	0	0
12	0	0	0	0	0	0	1	0	1	0	0	0
13	0	0	0	0	1	1	0	1	0	1	0	0
14	0	0	0	0	0	0	1	1	0	0	1	0
15	0	0	0	1	0	1	0	0	1	1	0	0
16	0	0	0	0	0	0	1	1	0	0	0	0
17	0	0	1	0	0	1	0	0	1	0	0	0
18	0	0	0	0	1	1	1	1	0	0	0	0
19	0	0	0	0	0	0	0	0	1	1	0	0
20	0	0	0	1	1	1	1	1	0	0	1	0
21	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	1	0	1	1	1	0	1	0	0
23	0	0	0	0	0	0	0	0	1	0	0	0
24	0	0	0	0	0	1	1	1	0	0	0	0
25	0	0	0	0	1	0	1	0	1	0	0	0
26	0	0	0	0	0	1	0	1	0	1	1	0
27	0	0	0	1	1	0	1	0	0	0	0	0
28	0	0	1	0	1	1	1	0	1	0	0	0
29	0	-	0	0	0	0	0	0	0	0	0	0
30	0	-	0	1	1	1	1	1	1	1	0	0
31	0	-	0	-	0	-	0	1	-	0	-	0
TOTAL	0	0	2	6	10	16	16	15	11	9	4	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	3	13	19	32	32	29	22	18	9	0
WHOLE YEAR--	TOTAL,	89	MAX.,	1	MIN.,	0	MEAN,	0	TOTAL AC.FT.,	177		

City of Bakersfield Diverted to County of Kern
(Pursuant to City/County Letter Agreement dated April 17, 1995) Year: 1995

DISCHARGE IN CUBIC FEET PER SECOND

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	0	0	0	0	10	15	15	8	6	0	0
2	0	0	0	0	0	10	15	15	8	6	0	0
3	0	0	0	0	0	10	15	15	8	6	0	0
4	0	0	0	0	0	10	15	15	8	6	0	0
5	0	0	0	0	0	10	15	15	8	6	0	0
6	0	0	0	0	0	10	15	15	8	6	0	0
7	0	0	0	0	0	10	15	15	8	6	0	0
8	0	0	0	0	0	10	15	15	8	6	0	0
9	0	0	0	0	0	10	15	10	8	6	0	0
10	0	0	0	0	0	10	15	10	8	3	0	0
11	0	0	0	0	0	10	15	10	8	0	0	0
12	0	0	0	0	0	10	15	10	8	0	0	0
13	0	0	0	0	0	10	15	10	8	0	0	0
14	0	0	0	0	0	10	15	10	8	0	0	0
15	0	0	0	0	5	12	15	10	8	0	0	0
16	0	0	0	0	5	12	15	10	6	0	0	0
17	0	0	0	0	5	12	15	10	6	0	0	0
18	0	0	0	0	5	12	15	10	6	0	0	0
19	0	0	0	0	5	12	15	10	6	0	0	0
20	0	0	0	0	8	12	15	10	6	0	0	0
21	0	0	0	0	8	12	15	10	6	0	0	0
22	0	0	0	0	8	12	15	10	6	0	0	0
23	0	0	0	0	8	15	15	10	6	0	0	0
24	0	0	0	0	8	15	15	8	6	0	0	0
25	0	0	0	0	8	15	15	8	6	0	0	0
26	0	0	0	0	8	15	15	8	6	0	0	0
27	0	0	0	0	8	15	15	8	6	0	0	0
28	0	0	0	0	8	15	15	8	6	0	0	0
29	0	-	-	0	8	15	15	8	6	0	0	0
30	0	-	-	0	8	15	15	8	6	0	0	0
31	0	-	0	-	6	-	15	8	-	0	-	0
TOTAL	0	0	0	0	121	356	465	334	210	57	0	0
MAXIMUM DAY	0	0	0	0	8	15	15	15	8	6	0	0
MINIMUM DAY	0	0	0	0	0	10	15	8	6	0	0	0
MEAN	0	0	0	0	4	12	15	11	7	2	0	0
TOTAL AC.FT.	0	0	0	0	240	706	922	663	416	113	0	0
WHOLE YEAR:-	TOTAL,	1,543	MAX.,	15	MIN.,	0	MEAN,	4	TOTAL AC.FT.,	3,060		

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

Year: 1995

DISCHARGE IN CUBIC FEET PER SECOND

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	301	363	292	298	297	58	210	201	140	189	68
2	0	306	357	296	283	283	51	213	196	153	206	73
3	0	290	352	309	281	274	35	208	215	140	119	74
4	0	314	360	310	273	267	20	192	185	145	115	80
5	0	296	370	338	302	260	22	191	211	156	128	65
6	0	112	361	355	288	251	36	212	178	132	139	109
7	0	323	374	330	285	226	39	213	181	152	151	104
8	0	323	237	344	279	236	47	215	196	154	160	109
9	0	377	247	327	302	241	50	206	192	147	123	158
10	0	382	215	307	311	244	46	199	222	154	96	151
11	32	416	297	337	307	269	24	204	230	149	101	185
12	0	382	409	335	306	285	18	167	227	60	91	173
13	0	395	301	338	303	289	23	210	237	0	105	179
14	0	412	179	326	277	314	60	220	245	0	45	161
15	21	463	218	289	229	309	166	223	221	0	25	139
16	0	434	271	294	128	273	257	232	214	0	43	101
17	0	716	285	317	173	266	276	213	238	0	58	69
18	96	743	294	305	267	314	266	201	234	0	39	92
19	228	746	302	243	266	305	266	155	226	0	71	146
20	244	667	273	204	270	296	303	143	165	58	60	102
21	269	291	268	213	251	273	262	197	85	110	70	88
22	285	38	279	296	242	290	229	229	126	112	46	54
23	287	230	252	310	267	297	281	251	182	137	59	57
24	228	485	219	309	258	261	237	180	193	142	60	73
25	233	514	168	312	254	245	179	176	202	148	19	77
26	319	409	204	323	253	214	198	212	203	168	24	78
27	333	327	250	320	256	206	262	221	163	188	57	72
28	375	342	269	300	258	166	261	236	196	185	62	41
29	327	-	289	297	276	92	234	234	186	176	31	25
30	263	-	322	316	280	56	220	205	203	145	52	52
31	260	-	319	-	274	-	211	208	-	192	-	50
TOTAL	3,800	11,034	8,904	9,192	8,297	7,599	4,637	6,376	5,953	3,443	2,544	3,005
MAXIMUM DAY	375	746	409	355	311	314	303	251	245	192	206	185
MINIMUM DAY	0	38	168	204	128	56	18	143	85	0	19	25
MEAN	123	394	287	306	268	253	150	206	198	111	85	97
TOTAL AC.FT.	7,537	21,886	17,661	18,232	16,457	15,071	9,197	12,648	11,808	6,829	5,046	5,960
WHOLE YEAR:-	TOTAL,	74,784	MAX.,	746	MIN.,	0	MEAN,	205	TOTAL AC.FT.,	148,332		

Oicese/La Hacienda												Year: 1995												
2800 Acre Spreading Operations																								
(Kern River Supply)																								
DISCHARGE IN CUBIC FEET PER SECOND	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	0	0	0	294	0	0	105	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2	0	0	0	0	280	0	0	107	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
3	0	0	0	0	281	0	0	104	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
4	0	0	0	0	271	0	0	96	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
5	0	0	0	0	300	0	0	95	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
6	0	0	0	0	287	0	0	106	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
7	0	0	0	0	283	0	0	107	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
8	0	0	0	0	150	0	0	107	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
9	0	0	0	0	0	0	0	103	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
10	0	0	0	0	0	0	0	81	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
11	0	0	0	0	0	0	0	61	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
12	0	0	0	0	0	0	0	41	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
13	0	0	0	0	0	0	0	22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
14	0	0	0	0	0	0	0	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
15	0	0	0	0	0	0	0	35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
16	0	0	0	0	0	0	0	70	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
17	0	0	0	0	0	0	0	112	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
18	0	0	0	0	0	0	0	116	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
19	0	0	0	0	0	0	0	116	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
20	0	0	0	0	0	0	0	132	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
21	0	0	0	0	0	0	0	113	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
22	0	0	0	0	0	0	0	61	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
23	0	0	0	0	0	0	0	53	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
24	0	0	0	0	0	0	0	76	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
25	0	0	0	0	0	0	0	73	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
26	0	0	0	0	0	0	0	78	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
27	0	0	0	0	0	0	0	113	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
28	0	0	0	0	0	0	0	126	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
29	0	0	0	0	0	0	0	176	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
30	0	0	0	0	0	0	0	150	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
31	0	0	0	0	0	0	0	142	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TOTAL	0	0	0	893	2,146	0	1,806	2,039	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
MAXIMUM DAY	0	0	0	312	300	0	176	107	0	0	0	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	0	0	0	0	0	0	0	0	0	0	0	
MEAN	0	0	0	30	69	0	58	66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TOTAL AC.FT.	0	0	0	1,772	4,256	0	3,582	4,045	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
WHOLE YEAR:-	TOTAL,	6,884	MAX.,	312	MIN.,	0	MEAN,	19	TOTAL AC.FT.,	13,655														

Year: 1995

Buena Vista Water Storage District
2800 Acre Banking Operations
(Kern River Supply)

DISCHARGE IN CUBIC FEET PER SECOND

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	0	0	286	0	0	0	0	0	0	0	0
2	0	0	0	291	0	0	0	0	0	0	0	0
3	0	0	0	305	0	0	0	0	0	0	0	0
4	0	0	0	308	0	0	0	0	0	0	0	0
5	0	0	0	337	0	0	0	0	0	0	0	0
6	0	0	0	322	0	0	0	0	0	0	0	0
7	0	0	0	326	0	0	0	0	0	0	0	0
8	0	0	0	341	0	0	0	0	0	0	0	0
9	0	0	0	325	0	0	0	0	0	0	0	0
10	0	0	0	306	0	0	0	0	0	0	0	0
11	32	0	0	334	0	0	0	0	0	0	0	0
12	0	0	0	333	0	0	0	0	0	0	0	0
13	0	0	0	336	0	0	0	0	0	0	0	0
14	0	0	0	325	0	0	0	0	0	0	0	0
15	21	0	0	287	0	0	0	0	0	0	0	0
16	0	0	0	294	0	0	0	0	0	0	0	0
17	0	0	0	317	0	0	0	0	0	0	0	0
18	0	0	0	301	0	0	0	0	0	0	0	0
19	0	0	0	239	0	0	0	0	0	0	0	0
20	0	0	0	196	0	0	0	0	0	0	0	0
21	0	0	0	206	0	0	0	0	0	0	0	0
22	0	0	0	292	0	0	0	0	0	0	0	0
23	0	0	0	307	0	0	0	0	0	0	0	0
24	0	0	74	304	0	0	0	0	0	0	0	0
25	0	0	161	306	0	0	0	0	0	0	0	0
26	0	0	198	317	0	0	0	0	0	0	0	0
27	0	0	245	311	0	0	0	0	0	0	0	0
28	0	0	269	14	0	0	0	0	0	0	0	0
29	0	-	289	0	0	0	0	0	0	0	0	0
30	0	-	316	0	0	0	0	0	0	0	0	0
31	0	-	313	-	0	-	0	0	-	0	-	0
TOTAL	53	0	1,865	8,166	0	0	0	0	0	0	0	0
MAXIMUM DAY	32	0	316	341	0	0	0	0	0	0	0	0
MINIMUM DAY	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	2	0	60	272	0	0	0	0	0	0	0	0
TOTAL AC.FT.	105	0	3,699	16,196	0	0	0	0	0	0	0	0
WHOLE YEAR:-	TOTAL,	10,084	MAX.,	341	MIN.,	0	MEAN,	28	TOTAL AC.FT.,	20,000		

Year: 1995

Total Flow via the James Canal Headgate

DISCHARGE IN CUBIC FEET PER SECOND

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	0	0	0	55	61	114	124	106	97	36	53
2	0	0	0	0	55	61	115	123	107	99	36	48
3	0	0	0	0	54	66	114	123	107	98	35	40
4	0	0	0	0	63	79	115	126	106	103	40	44
5	0	0	0	0	64	94	116	125	107	97	38	47
6	0	0	0	21	59	107	114	125	104	100	39	21
7	0	0	0	54	60	107	115	129	105	102	40	0
8	0	0	0	55	60	106	116	131	104	101	40	0
9	0	0	0	55	62	103	114	132	103	100	37	0
10	0	0	0	56	60	101	115	132	103	100	39	0
11	0	0	27	59	60	104	115	131	101	101	40	0
12	0	0	39	65	59	105	115	132	101	87	38	22
13	0	0	40	65	55	103	116	133	102	40	36	18
14	0	0	40	65	54	102	116	118	101	36	38	56
15	0	0	40	65	52	101	116	106	101	25	37	69
16	0	0	41	64	50	104	116	106	100	45	38	71
17	0	0	41	59	49	107	117	113	100	39	52	25
18	0	0	41	55	50	106	117	121	101	36	89	28
19	0	0	41	60	51	106	115	117	101	48	89	32
20	0	0	41	59	50	108	115	121	101	51	89	49
21	0	0	41	61	50	112	119	113	102	100	89	66
22	0	0	40	63	49	113	126	114	103	100	89	60
23	0	0	24	63	50	115	125	121	102	38	90	69
24	0	0	0	62	53	115	123	122	101	103	90	67
25	0	0	0	62	48	115	124	120	101	97	89	64
26	0	0	0	62	45	116	125	122	102	97	89	60
27	0	0	0	62	49	115	125	121	102	97	88	57
28	0	0	0	58	58	115	123	123	102	97	75	46
29	0	-	0	54	64	117	124	121	100	91	40	42
30	0	-	0	54	65	118	123	111	98	98	37	22
31	0	-	0	-	66	-	124	106	-	78	-	28
TOTAL	0	0	496	1,458	1,719	3,082	3,667	3,762	3,074	2,501	1,702	1,204
MAXIMUM DAY	0	0	41	65	66	118	126	133	107	103	90	71
MINIMUM DAY	0	0	0	0	45	61	114	106	98	25	35	0
MEAN	0	0	16	49	55	103	118	121	102	81	57	39
TOTAL AC.FT.	0	0	984	2,892	3,410	6,113	7,273	7,462	6,097	4,961	3,376	2,388
WHOLE YEAR:-	TOTAL,	22,665	MAX.,	193	MIN.,	0	MEAN,	62	TOTAL AC.FT.,	44,956		

Year: 1995

Total Flow via the Pioneer Canal Headgate

DISCHARGE IN CUBIC FEET PER SECOND

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	0	0	0	70	16	280	268	0	0	0	0
2	0	0	0	0	69	52	285	290	0	0	0	0
3	0	0	0	0	72	30	255	297	0	0	0	0
4	0	0	0	0	71	31	235	308	0	0	0	0
5	0	0	0	0	72	32	235	299	0	0	0	0
6	0	0	0	0	71	31	243	298	0	0	0	0
7	0	0	0	0	71	50	222	294	0	0	0	0
8	0	0	0	0	70	80	220	301	0	0	0	0
9	0	0	0	0	70	100	220	275	0	0	0	0
10	0	0	0	0	71	103	217	249	0	0	0	0
11	0	0	25	0	70	116	216	252	0	0	0	0
12	0	0	45	0	71	142	216	270	0	0	0	0
13	0	0	44	0	70	144	216	304	0	0	0	0
14	0	0	44	0	56	142	223	299	0	0	0	0
15	0	0	45	0	0	141	218	302	0	0	0	0
16	0	0	45	0	0	142	215	304	0	0	0	0
17	0	0	43	12	0	143	217	299	0	0	0	0
18	0	0	45	51	0	144	213	298	0	0	0	0
19	0	0	46	57	0	142	231	304	0	0	0	0
20	0	0	45	70	0	160	260	267	0	0	0	0
21	0	0	50	71	0	208	254	160	0	0	0	0
22	0	0	38	70	0	262	236	0	0	0	0	0
23	0	0	11	70	0	273	216	0	0	0	0	0
24	0	0	0	71	0	282	220	0	0	0	0	0
25	0	0	0	73	0	289	225	0	0	0	0	0
26	0	0	0	71	0	289	224	0	0	0	0	0
27	0	0	0	71	0	293	220	0	0	0	0	0
28	0	0	0	71	24	315	217	0	0	0	0	0
29	0	-	0	70	50	283	219	0	0	0	0	0
30	0	-	0	70	50	285	232	0	0	0	0	0
31	0	-	0	-	18	-	253	0	-	-	-	0
TOTAL	0	0	526	898	1,116	4,720	7,153	5,938	0	0	0	0
MAXIMUM DAY	0	0	50	73	72	315	285	308	0	0	0	0
MINIMUM DAY	0	0	0	0	0	16	213	0	0	0	0	0
MEAN	0	0	17	30	36	157	231	192	0	0	0	0
TOTAL AC.FT.	0	0	1,043	1,781	2,214	9,362	14,188	11,778	0	0	0	0
WHOLE YEAR:-	TOTAL,	20,351	MAX.,	315	MIN.,	0	MEAN,	56	TOTAL AC.FT.,	40,366		

La Hacienda, Inc. Diverted to Kern Water Bank
via James Canal Headgate

DISCHARGE IN CUBIC FEET PER SECOND

Year: 1995

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	0	0	0	0	0	73	56	24	0	0	0
2	0	0	0	0	0	0	71	59	31	0	0	0
3	0	0	0	0	0	0	68	52	31	0	0	0
4	0	0	0	0	0	0	70	52	33	0	0	0
5	0	0	0	0	0	0	71	55	28	0	0	0
6	0	0	0	0	0	0	70	55	28	0	0	0
7	0	0	0	0	0	0	71	54	31	0	0	0
8	0	0	0	0	0	0	71	59	28	0	0	0
9	0	0	0	0	0	0	71	59	35	0	0	0
10	0	0	0	0	0	0	71	55	31	0	0	0
11	0	0	0	0	0	0	71	59	28	0	0	0
12	0	0	0	0	0	0	71	52	31	0	0	0
13	0	0	0	0	0	65	41	51	35	0	0	0
14	0	0	0	0	0	55	49	77	28	0	0	0
15	0	0	0	0	0	56	46	81	28	0	0	0
16	0	0	0	0	0	52	54	81	0	0	0	0
17	0	0	0	0	0	70	59	73	0	0	0	0
18	0	0	0	0	0	75	59	62	0	0	0	0
19	0	0	0	0	0	73	70	66	0	0	0	0
20	0	0	0	0	0	73	69	73	0	0	0	0
21	0	0	0	0	0	73	59	67	0	0	0	0
22	0	0	0	0	0	75	54	43	0	0	0	0
23	0	0	0	0	0	75	55	62	0	0	0	0
24	0	0	0	0	0	75	48	62	0	0	0	0
25	0	0	0	0	0	66	49	16	0	0	0	0
26	0	0	0	0	0	75	54	17	0	0	0	0
27	0	0	0	0	0	77	58	21	0	0	0	0
28	0	0	0	0	0	76	58	21	0	0	0	0
29	0	-	0	0	0	76	58	21	0	0	0	0
30	0	-	0	0	0	73	59	28	0	0	0	0
31	0	-	0	-	0	-	64	31	-	0	-	0
TOTAL	0	0	0	0	0	1,260	1,912	1,620	450	0	0	0
MAXIMUM DAY	0	0	0	0	0	77	73	81	35	0	0	0
MINIMUM DAY	0	0	0	0	0	0	41	16	0	0	0	0
MEAN	0	0	0	0	0	42	62	52	15	0	0	0
TOTAL AC.FT.	0	0	0	0	0	2,499	3,792	3,213	893	0	0	0
WHOLE YEAR:-	TOTAL,	5,242	MAX.,	81	MIN.,	0	MEAN,	14	TOTAL AC.FT.,	10,397		

Year: 1995

La Hacienda, Inc. Diverted to Kern Water Bank
via Pioneer Canal Headgate

DISCHARGE IN CUBIC FEET PER SECOND

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	0	0	0	70	16	114	210	0	0	0	0
2	0	0	0	0	69	52	117	207	0	0	0	0
3	0	0	0	0	72	30	101	212	0	0	0	0
4	0	0	0	0	71	31	119	223	0	0	0	0
5	0	0	0	0	72	32	117	287	0	0	0	0
6	0	0	0	0	71	15	123	289	0	0	0	0
7	0	0	0	0	71	0	109	289	0	0	0	0
8	0	0	0	0	70	30	130	289	0	0	0	0
9	0	0	0	0	70	35	129	264	0	0	0	0
10	0	0	0	0	71	0	128	237	0	0	0	0
11	0	0	0	0	70	0	126	241	0	0	0	0
12	0	0	0	0	71	142	126	257	0	0	0	0
13	0	0	0	0	70	144	127	218	0	0	0	0
14	0	0	0	0	56	142	130	215	0	0	0	0
15	0	0	0	0	0	141	128	213	0	0	0	0
16	0	0	0	0	0	142	127	218	0	0	0	0
17	0	0	0	12	0	143	129	214	0	0	0	0
18	0	0	0	51	0	144	125	223	0	0	0	0
19	0	0	0	57	0	142	135	224	0	0	0	0
20	0	0	0	70	0	160	130	200	0	0	0	0
21	0	0	0	71	0	208	126	108	0	0	0	0
22	0	0	0	70	0	116	111	0	0	0	0	0
23	0	0	0	70	0	81	85	0	0	0	0	0
24	0	0	0	71	0	94	89	0	0	0	0	0
25	0	0	0	73	0	96	89	0	0	0	0	0
26	0	0	0	71	0	96	89	0	0	0	0	0
27	0	0	0	71	0	98	143	0	0	0	0	0
28	0	0	0	71	0	96	143	0	0	0	0	0
29	0	0	0	70	0	194	143	0	0	0	0	0
30	0	0	0	70	0	130	139	0	0	0	0	0
31	0	0	0	0	0	0	169	0	0	0	0	0
TOTAL	0	0	0	898	974	2,750	3,796	4,838	0	0	0	0
MAXIMUM DAY	0	0	0	73	72	208	169	289	0	0	0	0
MINIMUM DAY	0	0	0	0	0	0	85	0	0	0	0	0
MEAN	0	0	0	30	31	92	122	156	0	0	0	0
TOTAL AC.FT.	0	0	0	1,781	1,932	5,455	7,529	9,596	0	0	0	0
WHOLE YEAR:-	TOTAL,	13,256	MAX.,	289	MIN.,	0	MEAN,	36	TOTAL AC.FT.,	26,293		

DISCHARGE IN CUBIC FEET PER SECOND

La Hacienda, Inc. Diverted to Kern Water Bank
via Boswell Turnout

Year: 1995

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	0	0	0	0	0	0	40	23	0	0	0
2	0	0	0	0	0	0	0	41	23	0	0	0
3	0	0	0	0	0	0	0	29	22	0	0	0
4	0	0	0	0	0	0	0	35	23	0	0	0
5	0	0	0	0	0	0	0	35	25	0	0	0
6	0	0	0	0	0	0	0	37	27	0	0	0
7	0	0	0	0	0	0	9	39	28	0	0	0
8	0	0	0	0	0	0	40	39	26	0	0	0
9	0	0	0	0	0	0	40	42	27	0	0	0
10	0	0	0	0	0	0	40	41	18	0	0	0
11	0	0	0	0	0	0	39	38	15	0	0	0
12	0	0	0	0	0	0	37	35	12	0	0	0
13	0	0	0	0	0	0	41	39	12	0	0	0
14	0	0	0	0	0	0	45	40	14	0	0	0
15	0	0	0	0	0	0	46	41	14	0	0	0
16	0	0	0	0	0	0	46	37	6	0	0	0
17	0	0	0	0	0	0	47	40	6	0	0	0
18	0	0	0	0	0	0	47	40	6	0	0	0
19	0	0	0	0	0	0	47	36	0	0	0	0
20	0	0	0	0	0	0	43	26	0	0	0	0
21	0	0	0	0	0	16	33	26	0	0	0	0
22	0	0	0	0	0	26	19	24	0	0	0	0
23	0	0	0	0	0	8	20	21	0	0	0	0
24	0	0	0	0	0	29	26	22	0	0	0	0
25	0	0	0	0	0	81	36	25	0	0	0	0
26	0	0	0	0	0	106	42	26	0	0	0	0
27	0	0	0	0	0	117	38	25	0	0	0	0
28	0	0	0	0	0	56	37	26	0	0	0	0
29	0	-	0	0	0	0	37	26	0	0	0	0
30	0	-	0	0	0	0	41	26	0	0	0	0
31	0	-	0	-	0	-	40	24	-	0	-	0
TOTAL	0	0	0	0	0	439	936	1,021	327	0	0	0
MAXIMUM DAY	0	0	0	0	0	117	47	42	28	0	0	0
MINIMUM DAY	0	0	0	0	0	0	0	21	0	0	0	0
MEAN	0	0	0	0	0	15	30	33	11	0	0	0
TOTAL AC.FT.	0	0	0	0	0	871	1,857	2,025	648	0	0	0
WHOLE YEAR:-	TOTAL,	2,723	MAX.,	117	MIN.,	0	MEAN,	7	TOTAL AC.FT.,	5,401		

Year: 1995

La Hacienda, Inc. Diverted to Kern Water Bank
at Second Point of Measurement

DISCHARGE IN CUBIC FEET PER SECOND

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	0	0	0	0	0	0	154	178	0	0	0
2	0	0	0	0	0	0	0	189	176	0	0	0
3	0	0	0	0	0	0	0	222	176	0	0	0
4	0	0	0	0	0	0	0	213	173	0	0	0
5	0	0	0	0	0	0	0	226	173	0	0	0
6	0	0	0	0	0	0	0	213	170	0	0	0
7	0	0	0	0	0	0	0	218	163	0	0	0
8	0	0	0	0	0	0	0	205	160	0	0	0
9	0	0	0	0	0	0	0	228	156	0	0	0
10	0	0	0	0	0	0	0	232	146	0	0	0
11	0	0	0	0	0	0	0	238	152	0	0	0
12	0	0	0	0	0	0	0	224	157	0	0	0
13	0	0	0	0	0	0	0	258	159	0	0	0
14	0	0	0	0	0	0	0	227	158	0	0	0
15	0	0	0	0	0	0	0	202	0	0	0	0
16	0	0	0	0	0	0	0	220	0	0	0	0
17	0	0	0	0	0	0	0	195	0	0	0	0
18	0	0	0	0	0	0	0	170	0	0	0	0
19	0	0	0	0	0	0	0	153	0	0	0	0
20	0	0	0	0	0	0	0	171	0	0	0	0
21	0	0	0	0	0	0	22	130	0	0	0	0
22	0	0	0	0	0	0	30	160	0	0	0	0
23	0	0	0	0	0	0	74	135	0	0	0	0
24	0	0	0	0	0	0	93	136	0	0	0	0
25	0	0	0	0	0	0	122	138	0	0	0	0
26	0	0	0	0	0	0	147	146	0	0	0	0
27	0	0	0	0	0	0	145	148	0	0	0	0
28	0	0	0	0	0	0	166	149	0	0	0	0
29	0	-	-	0	0	0	173	155	0	0	0	0
30	0	-	-	0	0	0	158	181	0	0	0	0
31	0	-	-	-	0	-	162	177	-	0	-	0
TOTAL	0	0	0	0	0	0	1,292	5,813	2,297	0	0	0
MAXIMUM DAY	0	0	0	0	0	0	173	258	178	0	0	0
MINIMUM DAY	0	0	0	0	0	0	0	130	0	0	0	0
MEAN	0	0	0	0	0	0	42	188	77	0	0	0
TOTAL AC.FT.	0	0	0	0	0	0	2,563	11,530	4,556	0	0	0
WHOLE YEAR:-	TOTAL,	9,402	MAX.,	258	MIN.,	0	MEAN,	26	TOTAL AC.FT.,	18,649		

La Hacienda, Inc. Diverted to Kern Water Bank
via North Kern Water Storage District
(SSJMUD/MKWS/D/Paramount Farming Co. Friant-Kern Exchange)
Year: 1995

DISCHARGE IN CUBIC FEET PER SECOND

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	0	0	0	0	0	0	0	75	0	0	0
2	0	0	0	0	0	0	0	0	75	0	0	0
3	0	0	0	0	0	0	0	0	75	0	0	0
4	0	0	0	0	0	0	0	0	75	0	0	0
5	0	0	0	0	0	0	0	0	75	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	75	0	0	0
8	0	0	0	0	0	0	0	0	75	0	0	0
9	0	0	0	0	0	0	0	0	75	0	0	0
10	0	0	0	0	0	0	0	0	75	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	75	0	0	0
13	0	0	0	0	0	0	0	0	75	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	75	0	0	0
16	0	0	0	0	0	0	0	0	75	0	0	0
17	0	0	0	0	0	0	0	0	75	0	0	0
18	0	0	0	0	0	0	0	0	75	0	0	0
19	0	0	0	0	0	0	0	0	75	0	0	0
20	0	0	0	0	0	0	0	0	75	0	0	0
21	0	0	0	0	0	0	0	30	0	0	0	0
22	0	0	0	0	0	0	0	81	0	0	0	0
23	0	0	0	0	0	0	0	60	0	0	0	0
24	0	0	0	0	0	0	0	50	0	0	0	0
25	0	0	0	0	0	0	0	65	0	0	0	0
26	0	0	0	0	0	0	0	75	0	0	0	0
27	0	0	0	0	0	0	0	75	0	0	0	0
28	0	0	0	0	0	0	0	75	0	0	0	0
29	0	-	0	0	0	0	0	75	0	0	0	0
30	0	-	0	0	0	0	0	75	0	0	0	0
31	0	-	0	-	0	-	0	75	-	0	-	0
TOTAL	0	0	0	0	0	0	0	796	1,500	0	0	0
MAXIMUM DAY	0	0	0	0	0	0	0	81	75	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	24	50	0	0	0
TOTAL AC.FT.	0	0	0	0	0	0	0	1,461	2,975	0	0	0
WHOLE YEAR:-	TOTAL,	2,236	MAX.,	81	MIN.,	0	MEAN,	6	TOTAL AC.FT.,	4,436		

Year: 1985

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

DISCHARGE IN CUBIC FEET PER SECOND

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	236	306	0	0	0	0	0	0	338	286	183
2	0	255	295	0	0	0	0	0	0	326	330	188
3	0	240	301	0	0	0	0	0	0	316	285	185
4	0	262	308	0	0	0	0	0	0	338	198	182
5	0	246	314	0	0	0	0	0	0	343	198	174
6	0	59	330	0	0	0	0	0	0	313	210	217
7	0	270	330	0	0	0	0	0	0	326	212	215
8	0	277	268	0	0	0	0	0	0	334	220	228
9	0	323	281	0	0	0	0	0	0	328	208	211
10	0	298	268	0	0	0	0	0	0	330	208	211
11	0	298	0	0	0	0	0	0	0	265	220	258
12	0	298	0	0	0	0	0	0	0	80	208	282
13	0	315	0	0	0	0	0	0	0	0	239	286
14	0	318	0	0	0	0	0	0	0	0	200	268
15	0	313	0	0	0	0	0	0	0	0	170	278
16	0	315	0	0	0	0	0	0	0	0	189	268
17	0	218	0	0	0	0	0	0	0	0	135	178
18	96	0	0	0	0	0	0	0	0	0	73	156
19	228	0	0	0	0	0	0	0	0	0	110	290
20	244	0	0	0	0	0	0	0	0	58	76	261
21	223	0	0	0	0	0	0	0	69	136	150	248
22	239	0	0	0	0	0	0	0	0	181	190	199
23	267	0	0	0	0	0	0	0	175	204	211	208
24	219	226	0	0	0	0	0	0	175	218	210	218
25	233	306	0	0	0	0	0	0	175	220	170	218
26	231	293	0	0	0	0	0	0	159	248	170	224
27	233	215	0	0	0	0	0	0	150	284	185	200
28	266	264	0	0	0	0	0	0	150	286	182	170
29	214	-	0	0	0	0	0	0	150	284	144	145
30	192	-	0	0	0	0	0	0	150	276	164	148
31	189	-	0	-	0	-	0	0	225	356	-	148
TOTAL	3,074	5,845	3,001	0	0	0	0	0	1,578	6,388	5,751	6,645
MAXIMUM DAY	267	323	330	0	0	0	0	0	225	356	330	290
MINIMUM DAY	0	0	0	0	0	0	0	0	0	0	73	145
MEAN	99	209	97	0	0	0	0	0	53	206	192	214
TOTAL AC.FT.	6,097	11,593	5,953	0	0	0	0	0	3,129	12,671	11,407	13,180
WHOLE YEAR:-	TOTAL,	32,282	MAX.,	356	MIN.,	0	MEAN,	88	TOTAL AC.FT.,	64,030		

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

DISCHARGE IN CUBIC FEET PER SECOND

Year: 1995

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	166	77	41	0	0	0	0	0	0	70	80
2	0	161	83	38	0	0	0	0	0	0	60	76
3	0	161	76	37	0	0	0	0	0	0	38	75
4	0	161	70	38	0	0	0	0	0	0	0	76
5	0	161	91	38	0	0	0	0	0	0	0	77
6	0	160	106	19	0	0	0	0	0	0	0	76
7	0	160	117	0	0	0	0	0	0	0	5	62
8	0	163	49	0	0	0	0	0	0	0	0	89
9	0	171	45	0	0	0	0	0	0	0	0	78
10	0	174	78	0	0	0	0	0	0	0	0	82
11	0	173	0	0	0	0	0	0	0	0	0	90
12	96	169	0	0	0	0	0	0	0	0	0	78
13	82	169	0	0	0	0	0	0	0	0	0	76
14	74	176	0	0	0	0	0	0	0	0	8	70
15	89	176	0	0	0	0	0	0	0	0	11	70
16	90	173	0	0	0	0	0	0	0	0	10	81
17	84	69	0	0	0	0	0	0	0	0	11	82
18	102	0	0	0	0	0	0	0	0	0	6	83
19	101	0	0	0	0	0	0	0	0	0	0	84
20	85	0	0	0	0	0	0	0	0	0	0	82
21	133	0	0	0	0	0	0	0	0	0	0	82
22	112	0	0	0	0	0	0	0	0	0	3	35
23	82	23	0	0	0	0	0	0	0	0	0	38
24	67	47	38	0	0	0	0	0	0	0	25	36
25	51	176	38	0	0	0	0	0	0	0	52	35
26	156	73	33	0	0	0	0	0	0	0	52	22
27	152	73	35	0	0	0	0	0	0	0	52	0
28	156	73	45	0	0	0	0	0	0	0	52	0
29	172	-	44	0	0	0	0	0	0	0	60	0
30	137	-	43	0	0	0	0	0	0	0	63	0
31	169	-	43	-	0	-	0	0	-	37	-	0
TOTAL	2,190	3,208	1,111	211	0	0	0	0	0	37	578	1,815
MAXIMUM DAY	172	176	117	41	0	0	0	0	0	37	70	90
MINIMUM DAY	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	71	115	36	7	0	0	0	0	0	1	19	59
TOTAL AC.FT.	4,343	6,362	2,204	419	0	0	0	0	0	73	1,146	3,600
WHOLE YEAR:-	TOTAL,	9,150	MAX.,	176	MIN.,	0	MEAN,	25	TOTAL AC.FT.,	18,147		

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

Year: 1995

DISCHARGE IN CUBIC FEET PER SECOND

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	78	6	0	0	0	0	0	0	0	0	31
2	0	78	10	0	0	0	0	0	0	0	0	57
3	0	73	9	0	0	0	0	0	0	0	28	85
4	0	73	8	0	0	0	0	0	0	0	16	65
5	0	73	9	0	0	0	0	0	0	0	2	65
6	0	74	9	0	0	0	0	0	0	0	22	50
7	0	105	9	0	0	0	0	0	0	0	7	40
8	0	105	9	0	0	0	0	0	0	0	30	44
9	0	105	50	0	0	0	0	0	0	0	30	32
10	0	114	53	0	0	0	0	0	0	0	30	27
11	0	38	0	0	0	0	0	0	0	0	30	28
12	0	0	0	0	0	0	0	0	0	0	30	31
13	0	0	0	0	0	0	0	0	0	0	24	69
14	0	0	0	0	0	0	0	0	0	0	36	76
15	0	14	0	0	0	0	0	0	0	0	36	83
16	0	19	0	0	0	0	0	0	0	0	39	72
17	0	22	0	0	0	0	0	0	0	0	42	46
18	0	18	0	0	0	0	0	0	0	0	42	26
19	0	16	0	0	0	0	0	0	0	0	25	72
20	0	31	0	0	0	0	0	0	0	0	37	61
21	0	31	0	0	0	0	0	0	0	0	37	75
22	0	31	0	0	0	0	0	0	0	0	46	81
23	0	31	0	0	0	0	0	0	0	0	41	73
24	0	7	0	0	0	0	0	0	0	0	46	78
25	0	6	0	0	0	0	0	0	0	0	43	78
26	0	4	0	0	0	0	0	0	0	0	46	81
27	0	5	0	0	0	0	0	0	0	0	46	84
28	115	4	0	0	0	0	0	0	0	0	38	49
29	115	-	0	0	0	0	0	0	0	0	43	42
30	85	-	0	0	0	0	0	0	0	0	38	42
31	57	-	0	-	0	-	0	0	-	0	-	41
TOTAL	372	1,155	172	0	0	0	0	0	0	0	930	1,784
MAXIMUM DAY	115	114	53	0	0	0	0	0	0	0	46	85
MINIMUM DAY	0	0	0	0	0	0	0	0	0	0	0	26
MEAN	12	41	6	0	0	0	0	0	0	0	31	58
TOTAL AC.FT.	737	2,292	340	0	0	0	0	0	0	0	1,845	3,538
WHOLE YEAR-- TOTAL	4,413	115	MIN.,	0	MEAN,	12	TOTAL AC.FT.,	8,752				

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

DISCHARGE IN CUBIC FEET PER SECOND

Year: 1995

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	0	50	0	0	0	0	0	0	0	0	9
2	0	0	56	0	0	0	0	0	0	0	0	9
3	0	0	57	0	0	0	0	0	0	0	27	2
4	0	0	52	0	0	0	0	0	0	0	42	3
5	0	0	52	0	0	0	0	0	0	0	42	3
6	0	78	53	0	0	0	0	0	0	0	42	3
7	0	78	51	0	0	0	0	0	0	0	42	13
8	0	39	50	0	0	0	0	0	0	0	42	17
9	0	0	47	0	0	0	0	0	0	0	42	15
10	0	0	49	0	0	0	0	0	0	0	42	14
11	0	0	0	0	0	0	0	0	0	0	42	16
12	0	0	0	0	0	0	0	0	0	0	42	12
13	0	0	0	0	0	0	0	0	0	0	45	17
14	0	0	0	0	0	0	0	0	0	0	22	17
15	0	0	0	0	0	0	0	0	0	0	26	16
16	0	0	0	0	0	0	0	0	0	0	26	16
17	0	53	0	0	0	0	0	0	0	0	26	10
18	0	114	0	0	0	0	0	0	0	0	26	8
19	0	53	0	0	0	0	0	0	0	0	30	9
20	0	53	0	0	0	0	0	0	0	0	20	16
21	0	53	0	0	0	0	0	0	0	0	0	16
22	0	75	0	0	0	3	0	0	0	0	0	14
23	0	85	0	0	0	2	0	0	0	0	0	18
24	0	44	0	0	0	0	0	0	0	0	0	21
25	0	44	0	0	0	0	0	0	0	0	0	28
26	0	58	0	0	0	0	0	0	0	0	0	26
27	0	57	0	0	0	0	0	0	0	0	0	24
28	0	44	0	0	0	0	0	0	0	0	0	20
29	0	-	0	0	0	0	0	0	0	0	0	10
30	0	-	0	0	0	0	0	0	0	0	0	0
31	0	-	0	-	0	-	0	0	-	0	-	0
TOTAL	0	928	517	0	0	5	0	0	0	0	626	402
MAXIMUM DAY	0	114	57	0	0	3	0	0	0	0	45	28
MINIMUM DAY	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	33	17	0	0	0	0	0	0	0	21	13
TOTAL AC.FT.	0	1,841	1,025	0	0	10	0	0	0	0	1,241	797
WHOLE YEAR:-	TOTAL,	2,478	MAX.,	114	MIN.,	0	MEAN,	7	TOTAL AC.FT.,	4,914		

NORTH KERN WATER STORAGE DISTRICT

NORTH KERN WATER STORAGE DISTRICT

Quantities in acre-feet

Year: 1995

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
NKWS River Entitlement	11,985	12,175	34,337	27,554	42,310	47,138	32,767	16,262	8,450	296	44	3,219	236,537
Release	20,815	13,446	4,997	5,181	4,490	1,062	700	751	13,397	13,788	13,598	16,307	108,532
ENTITLEMENT + OR - RELEASE	32,800	25,621	39,334	32,735	46,800	48,200	33,467	17,013	21,847	14,084	13,642	19,526	345,069
From KRC & Irr. Company	196	148	1,449	978	3,055	3,082	1,635	605	36	0	0	12	11,196
From City of Bakersfield	1,642	917	1,339	1,611	1,926	12,026	7,843	9,488	1,216	1,571	874	506	40,959
From Isabella Reservoir Storage	30	0	208	3,237	7,085	4,082	12,932	20,897	4,273	17,435	15,619	1,688	87,486
To City of Bakersfield	7,966	0	0	0	0	0	0	0	0	0	0	0	7,966
To Cawelo Water District	0	0	0	0	0	0	0	0	0	0	0	0	0
To La Hacienda, Inc.	23	36	37	83	0	0	0	0	0	0	0	0	179
To Improvement District #4	2,943	5,450	0	0	0	0	0	0	0	0	0	0	8,393
To Buena Vista WSD	2,606	2,043	0	0	0	0	0	0	0	0	0	0	4,649
Into Isabella Reservoir Storage	19,644	12,280	24,897	2,678	16,054	21,300	5,580	6,907	1,706	0	0	2,651	113,697
Other	0	0	911	0	0	0	0	1,461	4,284	0	0	(564)	6,092
TOTAL DIVERTED FROM RIVER	1,486	6,877	18,307	35,800	42,812	46,090	50,297	42,557	29,950	33,090	30,135	18,517	355,918
Loss to Seventh Standard Line	101	205	2,127	2,628	3,006	2,715	2,875	2,567	2,415	2,441	2,260	1,365	24,705
Oilfield Discharge	314	729	960	893	928	912	992	1,006	990	1,051	960	996	10,731
City of Bakersfield (Non-Kern River)	226	402	257	0	0	672	781	789	561	265	0	0	3,953
NKWS Deep Well Production	0	0	0	0	0	0	0	0	0	0	0	0	0
Poso Creek Natural Flow	0	619	9,295	3,562	4,570	383	0	0	0	0	0	0	18,429
Friant-Kern Inflow to Poso Creek	0	4,267	1,732	0	0	4,358	5,238	3,096	2,420	0	0	0	21,111
ID4 Exchange via Calloway Canal	0	1,517	1,119	0	0	0	0	0	0	0	0	0	2,636
Rosedale Ranch Improvement District	0	28	1,218	1,611	1,926	2,698	3,624	3,358	1,674	1,605	874	506	19,122
Semitropic WSD via Poso Creek	0	0	0	0	0	0	0	0	0	0	0	0	0
Shafter-Wasco Irrigation District Inflow	0	197	374	360	249	103	229	237	233	0	0	0	1,982
Cawelo Water District (Non-Kern River)	0	74	0	0	0	0	0	0	0	0	0	0	74
CVC Conduit "A" Inflow	0	0	0	0	0	0	0	0	0	0	0	0	7
TOTAL DISTRICT SUPPLY	1,925	14,301	28,699	36,376	43,627	47,105	51,038	41,760	30,065	30,360	27,961	17,649	370,866
Class 1 Irrigation Deliveries	0	1,573	1,267	6,751	9,236	13,820	15,808	12,399	6,050	4,924	3,769	1,307	76,904
Class 2 Irrigation Deliveries	0	305	508	3,621	6,115	8,595	10,610	8,180	4,185	2,801	2,057	992	47,969
Semitropic WSD Exchange Deliveries	0	0	0	344	411	686	567	493	390	137	67	519	3,614
Shafter-Wasco ID Exchange Deliveries	0	0	0	0	0	0	0	0	0	0	0	116	116
TOTAL IRRIGATION USE	0	1,878	1,775	10,716	15,762	23,101	26,985	21,072	10,625	7,862	5,893	2,934	128,603
District Spreading Ponds (Kern)	0	4,712	13,344	17,072	19,091	16,001	15,755	14,909	14,630	18,194	18,213	12,658	164,579
District Spreading Ponds (Other)	0	2,654	4,719	1,523	1,940	2,573	2,993	1,385	1,010	0	0	0	18,797
Poso Creek Spreading (Kern)	0	0	0	48	0	0	0	0	0	834	1,017	621	2,520
Poso Creek Spreading (Other)	0	1,826	3,239	2,039	2,388	1,386	1,353	1,119	1,119	0	0	0	14,703
Shafter-Wasco Irrigation District	0	197	374	360	249	103	229	237	233	0	0	0	1,982
TOTAL DISTRICT SPREADING	0	9,389	21,676	21,042	23,668	20,063	20,330	17,884	16,992	19,028	19,230	13,279	202,581
TOTAL DISTRICT USE	0	11,267	23,451	31,758	39,430	43,164	47,315	38,956	27,617	26,890	25,123	16,213	331,184
Total NKWS Canal Loss	1,925	3,034	5,248	4,618	4,197	3,941	3,723	2,804	2,448	3,470	2,838	1,436	39,682
Into Reservoir Storage	19,644	12,280	24,897	2,678	16,054	21,300	5,580	6,907	1,706	0	0	2,651	4,649
Reservoir Evaporation Loss	303	653	726	1,103	1,184	2,051	2,698	2,662	2,295	1,702	859	432	16,668
From Reservoir Storage	30	0	208	3,237	7,085	4,082	12,932	20,897	4,273	17,435	15,619	1,688	87,486
END OF MONTH RESERVOIR STORAGE	74,812	86,439	110,402	108,740	116,525	131,692	121,642	104,990	100,128	80,991	64,513	65,044	

Year: 1995

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

DISCHARGE IN CUBIC FEET PER SECOND

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	14	70	102	363	538	679	689	670	564	487	378	261
2	10	71	105	366	543	716	665	679	486	507	380	233
3	0	70	114	386	522	652	712	670	463	504	359	261
4	0	71	111	383	521	685	728	650	498	527	360	415
5	0	71	175	450	514	721	779	597	543	562	372	378
6	0	72	171	595	486	694	746	601	535	544	447	304
7	0	80	134	580	481	660	699	662	509	513	443	219
8	0	80	126	505	477	677	700	687	453	489	416	216
9	0	79	105	500	470	658	718	685	427	500	409	179
10	0	79	285	514	490	618	766	660	438	545	403	154
11	0	79	333	519	506	607	817	676	470	535	368	181
12	0	79	299	536	510	654	826	665	459	525	376	205
13	0	80	302	541	509	681	819	679	435	518	412	285
14	0	108	294	498	478	700	805	710	434	513	473	283
15	0	227	310	407	474	682	790	710	408	522	447	301
16	0	255	296	427	456	629	775	698	387	513	452	335
17	11	254	300	510	480	581	781	689	383	506	455	346
18	33	228	296	492	501	585	764	658	419	471	421	344
19	49	225	322	489	513	616	778	591	428	465	423	361
20	49	202	323	462	537	645	786	564	425	459	442	339
21	41	183	321	414	557	677	721	614	426	367	429	345
22	42	173	319	380	583	724	730	653	416	384	404	359
23	41	157	319	392	602	731	744	677	391	475	346	357
24	40	164	323	458	616	701	740	672	409	472	302	295
25	40	187	326	449	627	733	736	667	472	451	280	296
26	42	130	318	517	603	760	724	601	491	423	254	230
27	46	113	289	564	589	731	691	594	502	394	287	215
28	74	113	284	530	581	762	687	624	488	392	274	214
29	72	-	286	506	635	761	656	623	497	382	280	215
30	73	-	285	514	685	723	620	601	494	388	278	214
31	72	-	305	-	674	-	668	587	-	382	-	215
TOTAL	749	3,700	7,878	14,247	16,758	20,443	22,860	20,114	13,750	14,715	11,370	8,555
MAXIMUM DAY	74	255	333	595	685	762	826	710	564	562	473	415
MINIMUM DAY	0	70	102	363	456	581	620	564	383	367	254	154
MEAN	24	132	254	475	541	681	737	649	458	475	379	276
TOTAL AC.FT.	1,486	7,339	15,626	28,258	33,239	40,548	45,342	39,896	27,273	29,187	22,552	16,969
WHOLE YEAR:-	TOTAL,	155,139	MAX.,	826	MIN.,	0	MEAN,	425	TOTAL AC.FT.,	307,715		

Year: 1995

Oilfield Discharge Diverted via Beardsley Canal (Total Flow)

DISCHARGE IN CUBIC FEET PER SECOND

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	25	25	29	28	27	32	27	28	30	31	27
2	0	24	27	31	28	30	31	29	30	29	31	28
3	0	26	27	28	26	28	29	30	30	29	27	28
4	0	25	27	28	27	27	29	29	28	29	32	26
5	0	25	28	26	28	26	28	30	28	30	34	27
6	0	25	27	25	29	25	26	29	28	31	31	28
7	0	22	27	26	27	24	29	33	29	33	30	27
8	0	23	26	27	23	24	29	29	29	32	27	27
9	0	24	25	29	25	25	29	27	31	29	28	30
10	0	23	27	26	23	29	29	28	31	28	28	29
11	0	24	29	25	25	23	28	30	29	29	30	27
12	0	23	27	28	25	23	29	31	28	28	30	30
13	0	26	29	28	27	24	29	30	30	30	28	28
14	0	24	29	25	26	24	31	30	28	33	27	27
15	0	23	29	28	26	24	31	31	30	32	29	30
16	0	26	29	24	25	26	31	27	32	30	28	31
17	0	26	30	24	25	26	21	27	32	30	30	29
18	0	27	28	24	25	25	24	31	29	29	29	26
19	13	28	27	27	29	37	28	32	29	29	29	26
20	27	29	30	26	31	40	29	31	29	30	26	28
21	19	27	28	24	29	26	30	30	28	34	26	26
22	20	27	28	25	24	27	31	28	30	31	26	29
23	19	27	27	25	26	27	30	29	32	30	30	33
24	19	25	32	24	26	30	28	28	32	30	31	33
25	18	28	28	25	27	30	27	28	30	30	30	31
26	15	28	30	26	29	25	28	33	28	31	29	29
27	22	26	28	26	31	26	27	31	28	33	27	30
28	24	26	27	29	30	28	30	27	28	33	26	32
29	25	-	26	27	27	26	32	26	31	32	25	28
30	25	-	27	28	26	30	32	28	32	34	26	33
31	26	-	29	-	29	-	27	28	-	32	-	32
TOTAL	272	712	863	793	832	812	894	907	887	950	861	895
MAXIMUM DAY	27	29	32	31	31	40	32	33	32	34	34	33
MINIMUM DAY	0	22	25	24	23	23	21	26	28	28	25	26
MEAN	9	25	28	26	27	27	29	29	30	31	29	29
TOTAL AC.FT.	540	1,413	1,711	1,574	1,650	1,610	1,773	1,798	1,760	1,883	1,708	1,775
WHOLE YEAR:-	TOTAL,	9,678	MAX.,	40	MIN.,	0	MEAN,	27	TOTAL AC.FT.,	19,195		

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

Quantities in acre-feet

Year: 1995

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
Kern River	1,486	7,339	15,626	28,258	33,239	40,548	45,342	39,896	27,273	29,187	22,552	16,969	307,715
Oilfield Discharge	540	1,413	1,711	1,574	1,650	1,610	1,773	1,798	1,760	1,883	1,708	1,775	19,195
C.V.C. Conduit "A"	0	0	0	0	0	0	0	0	0	0	0	7	7
+ TOTAL BEARDSLEY CANAL SUPPLY	2,026	8,752	17,337	29,832	34,889	42,158	47,115	41,694	29,033	31,070	24,260	18,751	326,917
KRC & Irr. Co. # 1 Lateral	0	444	586	809	452	1,297	1,351	1,406	885	308	20	20	7,578
KRC & Irr. Co. # 2 Lateral	0	0	0	22	220	276	282	99	0	0	0	0	899
KRC & Irr. Co. # 4 Lateral	0	0	0	0	256	618	671	532	164	168	0	0	2,409
KRC & Irr. Co. # 5 Lateral	0	0	0	4	224	665	604	530	71	67	4	0	2,169
KRC & Irr. Co. Bidart Boosters	0	59	18	237	413	310	282	70	160	132	123	0	1,804
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	3	3	1	3	2	3	0	0	0	15
Lined Section Loss	0	46	61	60	61	60	61	61	60	61	40	4	575
- TOTAL KRC & IRR. CO. DIVERTED	0	549	665	1,135	1,629	3,227	3,254	2,700	1,343	736	187	24	15,449
Kern River Supply	0	462	623	816	1,629	2,529	2,473	1,908	676	135	187	24	11,462
Oilfield Discharge Supply	0	87	42	319	0	698	781	792	667	601	0	0	3,987
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	159	926	2,850	8,261	11,290	12,333	12,486	7,617	6,248	3,293	1,208	66,671
Cawelo WD Lerdo Gate Deliveries	0	18	14	276	373	755	992	639	424	494	212	8	4,205
Lined Section Loss	0	16	44	60	61	60	61	61	60	61	60	61	605
Lerdo Canal Loss	0	2	10	34	90	127	141	137	85	70	36	12	744
- TOTAL CAWELO WD DIVERTED	0	195	994	3,220	8,785	12,232	13,527	13,323	8,186	6,873	3,601	1,289	72,225
Kern River Supply	0	0	542	2,858	8,063	12,232	13,527	13,323	8,186	6,873	2,853	510	68,967
Oilfield Discharge Supply	0	195	452	362	722	0	0	0	0	0	748	779	3,258
C.V.C. Conduit "A" Supply	0	0	0	0	0	0	0	0	0	0	0	0	0
Rosedale Ranch ID Diverted	0	28	0	58	0	0	0	0	0	0	0	346	432
Kern-Tulare WD/Rag Gulch WD Diverted	0	0	0	0	0	0	0	0	0	0	0	0	0
Lined Section Loss: NKWSD	101	106	78	60	61	60	61	61	60	61	80	118	907
= NKWSD FROM LERDO CANAL	1,925	7,874	15,600	25,359	24,414	26,639	30,273	25,610	19,444	23,400	20,392	16,974	237,904
Kern River Supply	1,486	6,877	14,461	24,526	23,547	25,787	29,342	24,665	18,411	22,179	19,512	16,089	226,882
Oilfield Discharge Supply	540	1,103	1,217	893	928	912	992	1,006	1,093	1,282	960	996	11,922
C.V.C. Conduit "A" Supply	0	0	0	0	0	0	0	0	0	0	0	7	7

Year: 1995

Lerdo Canal at Seventh Standard Line (Total Flow)

DISCHARGE IN CUBIC FEET PER SECOND

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	11	92	112	351	546	661	666	642	550	510	401	289
2	7	92	117	357	549	702	656	647	486	519	404	258
3	0	93	125	373	526	642	704	654	463	512	379	283
4	0	93	121	369	535	659	717	635	497	536	384	431
5	0	93	186	434	524	688	774	582	542	576	399	402
6	0	92	181	575	496	658	731	580	518	565	472	329
7	0	90	145	566	495	623	683	644	502	535	467	243
8	0	87	136	512	483	641	675	662	449	510	437	240
9	0	88	114	507	477	624	701	656	425	508	432	206
10	0	86	294	519	492	586	730	635	435	553	427	180
11	0	89	348	521	511	566	775	651	471	543	388	205
12	0	87	315	541	522	619	788	635	459	532	396	232
13	0	91	320	554	512	643	783	662	441	528	434	310
14	0	117	313	509	467	661	773	683	439	534	494	307
15	0	235	329	423	466	645	763	689	415	543	470	328
16	0	267	314	439	445	596	756	684	394	531	472	363
17	8	266	320	521	455	550	748	672	389	524	478	372
18	30	239	314	505	479	567	732	646	407	488	442	367
19	59	238	338	505	509	604	746	586	423	485	447	384
20	73	218	341	478	532	630	756	567	417	482	464	364
21	57	197	338	427	552	663	694	619	431	393	452	368
22	59	186	336	397	585	707	700	656	437	407	427	385
23	57	171	336	408	590	703	710	668	414	482	373	387
24	56	175	345	471	609	668	705	652	426	479	330	325
25	55	200	344	462	615	705	699	647	493	459	307	324
26	54	144	339	530	592	722	695	583	509	437	280	256
27	65	124	309	577	585	690	660	577	521	418	311	242
28	95	124	302	543	585	724	658	605	507	417	297	243
29	94	-	303	512	632	728	631	608	521	406	302	240
30	95	-	302	522	670	693	601	595	519	414	301	244
31	95	-	307	-	671	-	641	575	-	406	-	244
TOTAL	970	4,074	8,344	14,408	16,707	19,568	22,051	19,597	13,900	15,232	12,067	9,351
MAXIMUM DAY	95	267	348	577	671	728	788	689	550	576	494	431
MINIMUM DAY	0	86	112	351	445	550	601	567	389	393	280	180
MEAN	31	146	269	480	539	652	711	632	463	491	402	302
TOTAL AC.FT.	1,925	8,081	16,550	28,577	33,138	38,811	43,739	38,872	27,570	30,212	23,933	18,548
WHOLE YEAR:-	TOTAL,	156,269	MAX.,	788	MIN.,	0	MEAN,	428	TOTAL AC.FT.,	309,956		

NORTH KERN WATER STORAGE DISTRICT
LERDO CANAL OPERATIONS

Year: 1995

Quantities in acre-feet

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
Total Beardsley Canal Supply	+ 2,026	8,752	17,337	29,832	34,889	42,158	47,115	41,694	29,033	31,070	24,260	18,751	326,917
+ KRC & Irr. Co. Laterals	0	444	556	446	1,075	2,172	2,115	1,772	573	509	24	20	9,706
+ KRC & Irr. Co. Boosters	0	59	18	240	416	311	285	72	163	132	123	0	1,819
+ Lined Section Loss: KRC & Irr. Co.	0	46	61	60	61	60	61	61	60	61	40	4	575
= KRC & Irr. Co. from Beardsley	- 0	549	635	746	1,552	2,543	2,461	1,905	796	702	187	24	12,100
Rosedale Ranch ID via 1-1-0	- 0	0	30	337	77	684	793	795	547	34	0	0	3,297
NKWSD via 1-1-0 Lateral	- 0	0	0	52	0	0	0	0	0	0	0	0	52
Other from Beardsley	- 0	0	0	0	0	0	0	0	0	0	0	0	0
Lined Section Loss: Cawelo WD	- 0	16	44	60	61	60	61	61	60	61	60	61	605
Lined Section Loss: NKWSD	- 101	106	78	60	61	60	61	61	60	61	80	118	907
Lerdo Canal Total Flow	= 1,925	8,081	16,550	28,577	33,138	38,811	43,739	38,872	27,570	30,212	23,933	18,548	309,956
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	28	0	58	0	0	0	0	0	0	0	346	432
K-TWDR/GWD via 8-17-0	- 0	0	0	0	0	0	0	0	0	0	0	0	0
+ Cawelo WD Delivered at Sta. "B"	0	159	926	2,850	8,261	11,290	12,333	12,486	7,617	6,248	3,293	1,208	66,671
+ Cawelo WD 8-0 Deliveries	0	18	14	276	373	755	992	639	424	494	212	8	4,205
+ Lerdo Loss: to Station "B"	0	2	10	28	83	113	123	125	76	62	33	12	667
+ Lerdo Loss: 8-0 Deliveries	0	0	0	6	7	14	18	12	9	8	3	0	77
= Cawelo WD Total from Lerdo	- 0	179	960	3,160	8,724	12,172	13,466	13,262	8,126	6,812	3,541	1,228	71,620
North Kern WSD from Lerdo	= 1,925	7,874	15,600	25,359	24,414	26,639	30,273	25,610	19,444	23,400	20,392	16,974	237,904

Year: 1995

Total Flow via the Calloway Canal Headgate

DISCHARGE IN CUBIC FEET PER SECOND

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	105	28	35	393	467	482	465	305	240	251	187
2	0	107	24	35	352	452	467	479	292	244	242	84
3	0	107	28	31	349	434	457	477	290	237	214	0
4	0	103	31	31	364	434	470	481	294	237	219	0
5	0	92	31	34	342	443	466	472	296	227	214	0
6	0	45	23	37	309	443	480	473	292	235	225	0
7	0	50	21	51	302	372	488	474	289	239	223	0
8	0	26	21	112	319	361	452	474	287	234	227	0
9	0	20	21	110	322	358	464	484	271	240	223	0
10	0	24	61	124	334	350	506	477	266	231	225	0
11	0	21	129	167	356	380	549	451	265	232	226	0
12	0	22	110	193	344	399	552	444	251	222	229	0
13	0	23	95	248	347	409	552	446	259	226	229	0
14	0	25	123	231	356	404	512	463	247	222	214	0
15	0	25	107	230	332	393	518	495	242	230	222	0
16	0	84	118	236	275	340	547	460	244	233	225	0
17	66	27	107	237	287	353	541	488	240	231	222	10
18	71	21	111	230	297	357	551	483	238	227	220	56
19	80	25	113	233	346	371	560	464	243	244	226	31
20	101	23	122	234	377	379	524	468	241	238	218	39
21	107	31	101	254	388	408	497	427	233	246	218	44
22	106	26	111	302	407	413	520	359	235	230	219	34
23	104	25	112	329	408	415	555	356	244	249	223	47
24	101	24	111	360	409	437	535	360	234	270	205	90
25	102	24	116	418	408	442	542	356	243	270	214	91
26	104	25	114	413	417	507	536	330	237	268	214	94
27	101	24	123	433	432	525	488	343	238	258	213	88
28	100	25	118	430	463	544	470	349	236	269	219	80
29	104	-	118	410	467	543	464	366	214	267	219	95
30	104	-	113	408	461	545	455	345	226	270	206	106
31	104	-	107	-	479	-	481	315	-	268	-	118
TOTAL	1,455	1,179	2,668	6,596	11,442	12,678	15,681	13,324	7,692	7,534	6,644	1,294
MAXIMUM DAY	107	107	129	433	479	545	560	495	305	270	251	187
MINIMUM DAY	0	20	21	31	275	340	452	315	214	222	205	0
MEAN	47	42	86	220	369	423	506	430	256	243	221	42
TOTAL AC.FT.	2,886	2,339	5,292	13,083	22,695	25,147	31,103	26,428	15,257	14,944	13,178	2,566
WHOLE YEAR:-	TOTAL,	88,187	MAX.,	560	MIN.,	0	MEAN,	242	TOTAL AC.FT.,	174,918		

Total Flow Passing Seventh Standard Line via Calloway Canal for North Kern WSD												Year: 1995		
DISCHARGE IN CUBIC FEET PER SECOND														
DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		
1	0	0	76	0	281	312	245	206	157	113	132	117		
2	0	0	70	0	250	318	247	229	155	104	126	32		
3	0	0	83	0	229	300	221	235	161	111	122	0		
4	0	0	76	0	227	303	245	228	169	113	124	0		
5	0	0	73	0	212	308	247	244	170	125	128	0		
6	0	0	77	0	188	312	245	245	163	109	123	0		
7	0	0	53	0	193	265	217	241	157	104	130	0		
8	0	0	22	0	191	222	218	237	166	107	133	0		
9	0	0	10	15	191	216	217	237	153	104	127	0		
10	0	0	10	20	206	215	241	236	146	99	131	0		
11	0	0	22	49	211	224	290	205	140	98	131	0		
12	0	0	13	74	212	248	301	195	146	106	131	0		
13	0	0	0	127	231	260	303	188	143	100	134	0		
14	0	0	0	132	231	264	261	190	144	92	128	0		
15	0	0	0	127	200	278	257	199	137	90	120	0		
16	0	0	0	125	150	237	294	194	143	103	131	0		
17	0	0	9	127	148	228	280	192	140	110	125	0		
18	0	0	19	129	158	230	271	203	128	113	124	0		
19	0	63	19	130	192	226	259	194	127	105	126	0		
20	0	77	14	128	223	237	247	214	128	119	133	0		
21	0	70	18	148	251	249	222	204	120	115	130	0		
22	0	75	20	195	265	263	224	190	104	122	125	0		
23	0	66	15	204	269	261	263	195	99	112	127	0		
24	0	69	20	240	275	262	271	198	96	120	131	19		
25	0	71	17	269	267	267	278	208	103	123	130	25		
26	0	75	17	277	265	254	284	191	97	133	128	18		
27	0	78	20	306	281	257	244	197	99	135	124	25		
28	0	71	16	294	307	271	225	195	107	131	124	12		
29	0	-	16	294	307	288	198	209	111	131	128	29		
30	0	-	15	279	327	301	192	191	108	133	110	41		
31	0	-	12	-	319	-	206	172	-	129	-	53		
TOTAL	0	715	832	3,689	7,257	7,876	7,713	6,462	4,017	3,509	3,816	371		
MAXIMUM DAY	0	78	83	306	327	318	303	245	170	135	134	117		
MINIMUM DAY	0	0	0	0	148	215	192	172	96	90	110	0		
MEAN	0	26	27	123	234	263	249	208	134	113	127	12		
TOTAL AC.FT.	0	1,418	1,650	7,317	14,394	15,622	15,298	12,817	7,968	6,960	7,569	736		
WHOLE YEAR:-	TOTAL,	46,257	MAX.,	327	MIN.,	0	MEAN,	127	TOTAL AC.FT.,	91,749				

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

Quantities in acre-feet

Year: 1995

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
FLOW AT HEADWORKS	+	2,886	2,339	13,083	22,695	25,147	31,103	26,428	15,257	14,944	13,178	2,566	174,918
KCWA Armco Turnout	-	0	939	2,103	3,277	4,505	9,711	8,063	3,625	3,823	2,424	448	40,211
Seepage Loss	-	119	135	143	157	159	161	155	145	137	131	85	1,670
FLOW AT MEASURING STATION	=	2,767	1,265	10,837	19,261	20,483	21,231	18,210	11,487	10,984	10,623	2,033	133,037
CVC Turnout to Calloway	+	0	4,371	0	0	0	0	0	0	0	0	0	6,329
Seepage Loss	-	1,111	1,049	726	610	583	627	541	512	516	480	359	7,754
FLOW AT STANDARD WEIR	=	1,656	4,587	5,088	10,227	18,621	20,604	17,669	10,975	10,468	10,143	1,674	131,612
Bartell Spreading	-	0	0	0	0	0	0	0	0	0	0	0	0
Friant-Kern Inflow	+	0	0	0	0	0	0	0	0	0	0	0	0
KRC & Irr. Co. 1-1-0 Inflow	+	0	0	36	413	875	922	936	597	34	0	0	3,972
KRC & Irr. Co. Calloway Delivery	-	0	0	0	0	0	0	0	0	0	0	0	0
Seepage Loss	-	1,656	2,905	1,889	1,645	1,940	1,828	1,676	1,613	1,658	1,507	688	20,727
FLOW AT LABORDE WEIR	=	0	1,682	3,235	8,995	16,840	19,698	16,929	9,959	8,844	8,636	986	114,857
KRC & Irr. Co. Calloway Delivery	-	0	0	0	127	327	364	405	67	59	0	0	1,349
Rosedale Ranch ID at Headworks	-	0	0	1,218	1,478	2,301	3,243	3,168	1,563	1,319	874	506	17,360
Seepage Loss	-	0	264	367	347	406	412	349	250	220	193	151	3,352
NKWS 8-1-0 Inflow	+	0	28	0	280	0	0	0	0	0	0	407	715
FLOW AT SEVENTH STANDARD LINE	=	0	1,446	1,650	7,450	16,019	15,679	13,007	8,079	7,246	7,569	736	93,511
for Rosedale Ranch ID	-	0	28	0	133	397	381	190	111	286	0	0	1,762
for North Kern WSD	=	0	1,418	1,650	7,317	14,394	15,298	12,817	7,968	6,960	7,569	736	91,749
KERN COUNTY WATER AGENCY / I.D. #4:													
Operating Loss	+	119	175	170	167	196	207	211	175	167	153	44	1,985
Turnout #4 to River	+	0	0	0	0	0	0	0	0	0	0	0	0
ID #4 Treatment Plant	+	0	899	1,266	2,067	3,238	3,699	4,098	3,595	3,248	2,279	440	28,889
Cross Valley Canal Filling Losses	+	0	0	0	12	0	50	103	0	32	6	0	411
CVC Backflow	+	0	0	0	0	708	5,393	3,816	0	513	117	0	10,547
Spreading Below Measuring Station	+	2,767	4,119	927	10	0	0	0	0	0	0	0	7,823
TOTAL DIVERTED	=	2,886	5,193	2,363	2,256	3,434	4,664	8,218	3,770	3,960	2,555	484	49,655
KERN RIVER CANAL & IRRIGATING CO.:													
Calloway Irrigation Deliveries	+	0	0	0	0	127	327	364	67	59	0	0	1,349
Delivery Loss/ Spreading	+	0	0	6	24	28	56	60	20	14	0	0	261
TOTAL DIVERTED	=	0	0	6	24	155	383	465	87	73	0	0	1,610
ROSEDALE RANCH ID:													
Flow at Headworks	+	0	0	1,218	1,478	1,690	2,301	3,243	1,563	1,319	874	506	17,360
Flow at Seventh Standard Line	+	0	28	0	133	236	397	381	111	286	0	0	1,762
Assigned Loss	+	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL DIVERTED	=	0	28	1,218	1,611	1,926	2,698	3,624	1,674	1,605	874	506	19,122
NORTH KERN WATER STORAGE DISTRICT:													
Flow at Seventh Standard Line	+	0	1,418	1,650	7,317	14,394	15,622	12,817	7,968	6,960	7,569	736	91,749
Total Loss	+	0	99	2,049	2,568	2,945	2,655	2,506	2,355	2,380	2,180	1,247	23,798
TOTAL DIVERTED	=	0	1,517	3,699	9,885	17,339	18,277	15,323	10,323	9,340	9,749	1,983	115,547

North Kern Water Storage District
Class 1 Irrigation Deliveries

Year: 1995

DISCHARGE IN CUBIC FEET PER SECOND

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	0	0	67	41	237	254	222	114	40	75	31
2	0	0	0	63	23	233	198	191	86	89	78	12
3	0	0	0	60	71	213	294	231	77	91	82	12
4	0	0	0	61	50	161	293	218	104	90	57	36
5	0	0	0	44	66	198	255	183	136	102	41	36
6	0	12	34	108	113	219	281	194	178	103	99	40
7	0	12	25	125	91	238	213	183	137	79	95	39
8	0	19	37	109	119	257	195	239	127	49	96	29
9	0	22	33	108	132	245	204	224	85	85	86	23
10	0	22	30	124	153	231	230	209	76	86	82	27
11	0	27	0	139	188	198	282	237	107	73	65	39
12	0	22	0	164	179	250	307	210	114	77	56	39
13	0	38	0	156	176	249	323	173	121	78	91	40
14	0	37	0	160	135	251	320	236	125	60	89	14
15	0	42	13	107	178	242	300	257	121	90	100	10
16	0	36	3	68	166	213	306	242	110	100	82	10
17	0	39	4	161	150	190	333	186	84	107	69	12
18	0	23	9	168	138	174	285	220	86	92	60	24
19	0	25	5	165	141	195	267	183	101	94	60	29
20	0	17	11	140	148	242	268	134	97	98	59	14
21	0	48	3	109	127	268	223	177	108	83	62	23
22	0	60	7	113	139	288	240	252	109	45	38	19
23	0	54	0	111	152	272	211	258	86	99	19	3
24	0	50	3	97	137	229	251	245	55	78	17	5
25	0	33	5	93	158	209	260	220	83	71	14	5
26	0	25	9	89	141	299	298	166	83	70	12	12
27	0	63	7	141	123	276	283	119	95	68	62	18
28	0	67	10	143	144	196	217	151	87	70	54	18
29	0	-	21	137	211	241	205	172	80	50	57	22
30	0	-	40	118	228	254	175	166	78	87	43	18
31	0	-	35	-	214	-	199	153	-	79	-	0
TOTAL	0	793	639	3,404	4,657	6,968	7,970	6,251	3,050	2,483	1,900	659
MAXIMUM DAY	0	67	67	168	228	299	333	258	178	107	100	40
MINIMUM DAY	0	0	0	23	91	161	175	119	55	40	12	0
MEAN	0	28	21	113	150	232	257	202	102	80	63	21
TOTAL AC.FT.	0	1,573	1,267	6,751	9,236	13,820	15,808	12,399	6,050	4,924	3,769	1,307
WHOLE YEAR:-	TOTAL,	38,774	MAX.,	333	MIN.,	0	MEAN,	106	TOTAL AC.FT.,	76,904		

North Kern Water Storage District
Class 2 Irrigation Deliveries

Year: 1995

DISCHARGE IN CUBIC FEET PER SECOND

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	0	31	9	78	134	183	200	110	43	26	29
2	0	0	32	9	84	136	173	164	75	57	26	42
3	0	0	34	25	88	137	205	168	39	53	22	36
4	0	0	36	30	74	132	184	139	88	43	10	33
5	0	0	26	34	68	142	183	102	117	27	16	28
6	0	0	29	40	80	152	181	95	111	23	40	37
7	0	0	4	31	79	175	143	139	118	22	35	29
8	0	0	2	36	99	168	100	137	105	22	31	27
9	0	0	0	28	122	110	101	148	86	46	28	17
10	0	0	0	55	106	108	156	149	52	57	39	17
11	0	0	0	62	104	91	167	146	85	58	33	27
12	0	0	0	70	66	119	173	139	97	65	26	21
13	0	6	3	76	90	137	181	121	87	68	38	21
14	0	6	0	65	72	141	167	147	68	72	54	21
15	0	6	3	47	78	151	171	125	63	70	55	19
16	0	17	0	38	59	163	136	150	47	86	57	14
17	0	10	3	84	60	86	191	150	33	69	52	8
18	0	8	0	73	66	98	191	149	63	46	27	15
19	0	6	0	71	82	114	189	110	75	54	27	16
20	0	6	4	68	107	132	180	68	61	49	55	13
21	0	6	2	70	100	140	181	127	36	27	49	17
22	0	12	7	51	138	150	184	148	44	21	41	13
23	0	14	4	99	131	166	137	147	40	41	45	0
24	0	10	6	100	117	163	209	135	28	43	23	0
25	0	3	2	79	122	161	212	123	62	39	29	0
26	0	0	0	117	136	174	196	132	63	36	19	0
27	0	27	3	104	94	181	202	84	75	44	30	0
28	0	17	5	93	137	200	182	128	52	33	39	0
29	0	-	6	82	147	180	162	126	70	30	28	0
30	0	-	5	80	150	192	134	112	60	37	37	0
31	0	-	9	-	149	-	195	116	-	31	-	0
TOTAL	0	154	256	1,826	3,083	4,333	5,349	4,124	2,110	1,412	1,037	500
MAXIMUM DAY	0	27	36	117	150	200	212	200	118	86	57	42
MINIMUM DAY	0	0	0	9	59	86	100	68	28	21	10	0
MEAN	0	6	8	61	99	144	173	133	70	46	35	16
TOTAL AC.FT.	0	305	508	3,621	6,115	8,595	10,610	8,180	4,185	2,801	2,057	992
WHOLE YEAR:-	TOTAL,	24,184	MAX.,	212	MIN.,	0	MEAN,	66	TOTAL AC.FT.,	47,969		

Year: 1995

Total Diverted to Rosedale Ranch Improvement District

DISCHARGE IN CUBIC FEET PER SECOND

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	0	0	30	25	55	48	83	57	17	17	28
2	0	0	0	30	27	39	44	73	51	27	17	15
3	0	0	0	38	24	38	57	66	35	25	17	12
4	0	0	0	24	37	35	43	63	27	17	18	12
5	0	0	0	23	34	32	44	48	30	17	12	12
6	0	0	0	29	33	33	46	42	44	26	13	11
7	0	0	0	23	20	39	76	51	39	34	14	12
8	0	0	0	25	26	41	55	52	30	34	14	13
9	0	0	0	20	26	45	59	50	23	32	15	13
10	0	0	0	21	25	37	60	57	21	32	15	12
11	0	0	14	23	28	40	53	63	21	29	15	11
12	0	0	34	35	30	37	52	67	21	29	15	9
13	0	0	37	28	24	43	54	65	21	29	15	7
14	0	0	45	24	25	47	55	65	21	29	15	5
15	0	0	45	26	26	41	55	62	21	29	13	5
16	0	0	34	26	29	40	55	55	18	29	14	5
17	0	0	26	27	26	29	56	53	17	29	14	5
18	0	4	23	27	37	34	68	51	21	29	14	5
19	0	3	25	27	35	41	73	41	21	36	14	5
20	0	4	28	28	33	39	72	32	24	35	14	5
21	0	3	28	28	32	45	70	45	25	33	13	5
22	0	0	25	25	33	44	65	58	33	33	14	5
23	0	0	26	27	35	41	60	57	34	28	14	5
24	0	0	24	23	34	56	61	53	35	27	14	5
25	0	0	27	25	36	60	55	43	31	18	14	5
26	0	0	25	31	35	68	45	42	31	18	14	5
27	0	0	27	29	35	72	49	41	29	18	14	5
28	0	0	29	34	41	64	62	53	28	18	13	5
29	0	-	30	27	40	67	74	49	19	18	13	5
30	0	-	32	29	31	58	80	55	16	17	23	5
31	0	-	30	-	49	-	81	58	-	17	-	3
TOTAL	0	14	614	812	971	1,360	1,827	1,693	844	809	441	255
MAXIMUM DAY	0	4	45	38	49	72	81	83	57	36	23	28
MINIMUM DAY	0	0	0	20	20	29	43	32	16	17	12	3
MEAN	0	1	20	27	31	45	59	55	28	26	15	8
TOTAL AC.FT.	0	28	1,218	1,611	1,926	2,698	3,624	3,358	1,674	1,605	874	506
WHOLE YEAR:-	TOTAL,	9,640	MAX.,	83	MIN.,	0	MEAN,	26	TOTAL AC.FT.,	19,122		

ROSEDALE RANCH IMPROVEMENT DISTRICT

Year: 1995

Quantities in acre-feet

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL	
TOTAL DIVERTED	+	0	28	1,218	1,611	1,926	2,698	3,624	3,358	1,674	1,605	874	506	19,122
RRID at Headgate	-	0	0	1,218	1,478	1,690	2,301	3,243	3,168	1,563	1,319	874	506	17,360
RRID via NKWSD 9-2 Lateral	-	0	0	0	0	0	0	0	0	0	0	0	0	0
RRID via NKWSD 9-7 Lateral	-	0	28	0	133	236	397	381	190	111	286	0	0	1,762
Upstream Diversion Loss	=	0	0	0	0	0	0	0	0	0	0	0	0	0
IRRIGATION DELIVERIES	+	0	28	0	137	891	1,607	2,745	2,417	940	695	126	107	9,693
City of Bakersfield Miscellaneous	-	0	0	0	137	891	935	1,964	1,628	482	661	126	107	6,931
City of Bakersfield Non-Kern River	-	0	28	0	0	672	781	789	458	34	0	0	0	2,762
NKWSD Kern River Exchange	-	0	0	0	0	0	0	0	0	0	0	0	0	0
NKWSD Non-Kern River	-	0	0	0	0	0	0	0	0	0	0	0	0	0
Friant-Kern Floodwater	=	0	0	0	0	0	0	0	0	0	0	0	0	0
LOSS & SPREADING	+	0	0	1,218	1,474	1,035	1,091	879	941	734	910	748	399	9,429
City of Bakersfield Miscellaneous	-	0	0	1,218	1,474	1,035	1,091	879	941	734	910	748	399	9,429
City of Bakersfield Non-Kern River	-	0	0	0	0	0	0	0	0	0	0	0	0	0
NKWSD Kern River Exchange	-	0	0	0	0	0	0	0	0	0	0	0	0	0
NKWSD Non-Kern River	-	0	0	0	0	0	0	0	0	0	0	0	0	0
Friant-Kern Floodwater	=	0	0	0	0	0	0	0	0	0	0	0	0	0
RECHARGE PURCHASE PROGRAM	+	934	1,291	378	0	0	0	0	0	103	231	0	0	2,937
City of Bakersfield Miscellaneous	-	708	917	121	0	0	0	0	0	0	0	0	0	1,746
City of Bakersfield Non-Kern River	=	226	374	257	0	0	0	0	0	103	231	0	0	1,191
NKWSD/RRID EXCHANGE STATUS														
RRID to NKWSD	+	934	1,291	378	0	0	0	0	0	103	231	0	0	2,937
NKWSD to RRID	-	0	0	0	0	0	0	0	0	0	0	0	0	0
Exchange Balance	=	4,361	5,652	6,030	6,030	6,030	6,030	6,030	6,030	6,133	6,364	6,364	6,364	6,364

Year: 1995

Poso Creek Natural Flow as Measured at Highway #99

DISCHARGE IN CUBIC FEET PER SECOND

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	0	0	110	63	28	0	0	0	0	0	0
2	0	0	0	98	58	29	0	0	0	0	0	0
3	0	0	0	93	58	28	0	0	0	0	0	0
4	0	0	0	86	50	23	0	0	0	0	0	0
5	0	0	0	80	44	15	0	0	0	0	0	0
6	0	0	58	73	67	13	0	0	0	0	0	0
7	0	0	176	65	102	12	0	0	0	0	0	0
8	0	0	114	63	100	11	0	0	0	0	0	0
9	0	0	79	59	102	8	0	0	0	0	0	0
10	0	0	83	56	89	3	0	0	0	0	0	0
11	0	0	178	51	81	0	0	0	0	0	0	0
12	0	0	744	47	74	0	0	0	0	0	0	0
13	0	0	358	43	71	0	0	0	0	0	0	0
14	0	0	252	47	122	0	0	0	0	0	0	0
15	0	0	192	73	159	0	0	0	0	0	0	0
16	0	35	166	62	130	0	0	0	0	0	0	0
17	0	53	140	52	111	7	0	0	0	0	0	0
18	0	44	111	59	96	10	0	0	0	0	0	0
19	0	43	111	72	84	6	0	0	0	0	0	0
20	0	43	92	81	75	0	0	0	0	0	0	0
21	0	36	90	72	69	0	0	0	0	0	0	0
22	0	0	148	60	75	0	0	0	0	0	0	0
23	0	0	163	52	66	0	0	0	0	0	0	0
24	0	0	241	46	61	0	0	0	0	0	0	0
25	0	0	236	45	55	0	0	0	0	0	0	0
26	0	0	205	36	51	0	0	0	0	0	0	0
27	0	35	180	33	45	0	0	0	0	0	0	0
28	0	23	163	22	45	0	0	0	0	0	0	0
29	0	-	151	26	39	0	0	0	0	0	0	0
30	0	-	135	34	34	0	0	0	0	0	0	0
31	0	-	120	-	28	-	0	0	-	0	-	0
TOTAL	0	312	4,686	1,796	2,304	193	0	0	0	0	0	0
MAXIMUM DAY	0	53	744	110	159	29	0	0	0	0	0	0
MINIMUM DAY	0	0	0	22	28	0	0	0	0	0	0	0
MEAN	0	11	151	60	74	6	0	0	0	0	0	0
TOTAL AC.FT.	0	619	9,295	3,562	4,570	383	0	0	0	0	0	0
WHOLE YEAR:-	TOTAL,	9,291	MAX.,	744	MIN.,	0	MEAN,	25	TOTAL AC.FT.,	18,429		

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

Year: 1995

Quantities in acre-feet

	CAWELO WD		SOUTHERN SAN JOAQUIN MUD		SEMITROPIC WSD		SHAFTER-WASCO ID		IMPROVEMENT DISTRICT NO. 4		PARAMOUNT FARMING CO.		ROSEDALE RANCH ID		LA HACIENDA, INC.		BUENA VISTA WSD			
	to	from	to	from	to	from	to	from	to	from	to	from	to	from	to	from	to	from		
January	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
February	0	0	0	0	0	0	0	0	2,943	0	0	0	0	934	23	0	2,606	0	0	
March	0	0	0	0	0	0	0	0	5,450	5,784	0	0	0	1,319	36	0	2,043	0	0	
April	0	0	0	0	0	0	0	0	2,851	0	0	0	0	378	37	0	0	0	0	
May	0	0	0	0	344	0	0	0	0	0	0	0	0	0	83	0	0	0	0	
June	0	0	0	0	411	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
July	0	0	0	0	686	0	0	4,358	0	0	0	0	0	0	0	0	0	0	0	
August	0	0	0	0	567	0	0	5,238	0	0	0	0	0	0	0	0	0	0	0	
September	0	0	0	4,164	493	0	0	393	0	0	0	14,909	0	0	14,909	0	0	0	0	
October	0	0	0	6,704	390	0	0	0	0	0	0	12,991	0	103	12,991	0	0	0	0	
November	0	0	0	0	137	0	0	0	0	0	0	0	0	231	0	0	0	0	0	
December	0	0	0	0	67	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	519	0	116	0	0	0	0	0	0	0	0	0	0	0	0	
Yearly Status	0	0	0	10,868	3,614	0	116	9,989	8,393	8,635	0	27,900	0	2,965	28,079	0	4,649	0	0	
Overall Status	695		10,868		2,847		25,847		2,641		28,739		6,392		5,943		0			

NKWS/IMPROVEMENT DISTRICT #4 EXCHANGE SUMMARY Pursuant to NKWS/ID #4 Accounting Agreement Dated March 1, 1995			
CATEGORY "A"		CATEGORY "B"	
Date	NKWS ID #4	NKWS ID #4	NKWS Status
9-08-88	12,163	7,796	4,367
6-06-90	0	1,630	(1,630)
8-22-91	0	261	(261)
4-23-93	12,557	9,434	3,123
3-02-95	0	8,635	(8,635)
Totals	24,720	27,756	(3,036)
		395	0
		395	395

North Kern WSD Exchange Water Delivered to Improvement District No. 4
(Pursuant to ID4/North Kern WSD Exchange Agreement Dated April 23, 1993)

Year: 1995

DISCHARGE IN CUBIC FEET PER SECOND

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	116	0	0	0	0	0	0	0	0	0	0
2	0	115	0	0	0	0	0	0	0	0	0	0
3	0	102	0	0	0	0	0	0	0	0	0	0
4	0	96	0	0	0	0	0	0	0	0	0	0
5	0	97	0	0	0	0	0	0	0	0	0	0
6	0	105	0	0	0	0	0	0	0	0	0	0
7	0	86	0	0	0	0	0	0	0	0	0	0
8	0	86	0	0	0	0	0	0	0	0	0	0
9	0	132	0	0	0	0	0	0	0	0	0	0
10	36	151	0	0	0	0	0	0	0	0	0	0
11	39	148	0	0	0	0	0	0	0	0	0	0
12	42	147	0	0	0	0	0	0	0	0	0	0
13	40	163	0	0	0	0	0	0	0	0	0	0
14	27	283	0	0	0	0	0	0	0	0	0	0
15	15	179	0	0	0	0	0	0	0	0	0	0
16	22	110	0	0	0	0	0	0	0	0	0	0
17	60	59	0	0	0	0	0	0	0	0	0	0
18	94	56	0	0	0	0	0	0	0	0	0	0
19	109	59	0	0	0	0	0	0	0	0	0	0
20	62	51	0	0	0	0	0	0	0	0	0	0
21	55	56	0	0	0	0	0	0	0	0	0	0
22	60	51	0	0	0	0	0	0	0	0	0	0
23	87	54	0	0	0	0	0	0	0	0	0	0
24	91	43	0	0	0	0	0	0	0	0	0	0
25	98	48	0	0	0	0	0	0	0	0	0	0
26	95	59	0	0	0	0	0	0	0	0	0	0
27	107	49	0	0	0	0	0	0	0	0	0	0
28	94	47	0	0	0	0	0	0	0	0	0	0
29	87	-	0	0	0	0	0	0	0	0	0	0
30	84	-	0	0	0	0	0	0	0	0	0	0
31	80	-	0	-	0	-	0	0	-	0	-	0
TOTAL	1,484	2,748	0	0	0	0	0	0	0	0	0	0
MAXIMUM DAY	109	283	0	0	0	0	0	0	0	0	0	0
MINIMUM DAY	0	43	0	0	0	0	0	0	0	0	0	0
MEAN	48	98	0	0	0	0	0	0	0	0	0	0
TOTAL AC.FT.	2,943	5,450	0	0	0	0	0	0	0	0	0	0
WHOLE YEAR:-	TOTAL,	4,232	MAX.,	283	MIN.,	0	MEAN,	12	TOTAL AC.FT.,	8,393		

Year: 1995

Improvement District No. 4 Exchange Water Delivered to North Kern WSD
via Calloway Canal
(Pursuant to ID4/North Kern WSD Exchange Agreement Dated March 2, 1995)

DISCHARGE IN CUBIC FEET PER SECOND

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	0	79	0	0	0	0	0	0	0	0	0
2	0	0	73	0	0	0	0	0	0	0	0	0
3	0	0	85	0	0	0	0	0	0	0	0	0
4	0	0	79	0	0	0	0	0	0	0	0	0
5	0	0	76	0	0	0	0	0	0	0	0	0
6	0	0	80	0	0	0	0	0	0	0	0	0
7	0	0	55	0	0	0	0	0	0	0	0	0
8	0	0	25	0	0	0	0	0	0	0	0	0
9	0	0	12	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	11	0	0	0	0	0	0	0	0	0	0
17	0	7	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	67	0	0	0	0	0	0	0	0	0	0
20	0	81	0	0	0	0	0	0	0	0	0	0
21	0	73	0	0	0	0	0	0	0	0	0	0
22	0	78	0	0	0	0	0	0	0	0	0	0
23	0	69	0	0	0	0	0	0	0	0	0	0
24	0	72	0	0	0	0	0	0	0	0	0	0
25	0	74	0	0	0	0	0	0	0	0	0	0
26	0	78	0	0	0	0	0	0	0	0	0	0
27	0	81	0	0	0	0	0	0	0	0	0	0
28	0	74	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	765	564	0	0	0	0	0	0	0	0	0
MAXIMUM DAY	0	81	85	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	27	18	0	0	0	0	0	0	0	0	0
TOTAL AC.FT.	0	1,517	1,119	0	0	0	0	0	0	0	0	0
WHOLE YEAR:-	TOTAL,	1,329	MAX.,	85	MIN.,	0	MEAN,	4	TOTAL AC.FT.,	2,636		

Year: 1995

Improvement District No. 4 Exchange Water Delivered to North Kern WSD
via Poso Creek

DISCHARGE IN CUBIC FEET PER SECOND

(Pursuant to ID4/North Kern WSD Exchange Agreement Dated March 2, 1995)

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	0	136	0	0	0	0	0	0	0	0	0
2	0	0	137	0	0	0	0	0	0	0	0	0
3	0	0	138	0	0	0	0	0	0	0	0	0
4	0	0	141	0	0	0	0	0	0	0	0	0
5	0	0	140	0	0	0	0	0	0	0	0	0
6	0	0	139	0	0	0	0	0	0	0	0	0
7	0	0	42	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	30	0	0	0	0	0	0	0	0	0	0
12	0	51	0	0	0	0	0	0	0	0	0	0
13	0	52	0	0	0	0	0	0	0	0	0	0
14	0	71	0	0	0	0	0	0	0	0	0	0
15	0	133	0	0	0	0	0	0	0	0	0	0
16	0	154	0	0	0	0	0	0	0	0	0	0
17	0	151	0	0	0	0	0	0	0	0	0	0
18	0	147	0	0	0	0	0	0	0	0	0	0
19	0	147	0	0	0	0	0	0	0	0	0	0
20	0	147	0	0	0	0	0	0	0	0	0	0
21	0	130	0	0	0	0	0	0	0	0	0	0
22	0	123	0	0	0	0	0	0	0	0	0	0
23	0	132	0	0	0	0	0	0	0	0	0	0
24	0	135	0	0	0	0	0	0	0	0	0	0
25	0	137	0	0	0	0	0	0	0	0	0	0
26	0	137	0	0	0	0	0	0	0	0	0	0
27	0	137	0	0	0	0	0	0	0	0	0	0
28	0	137	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	2,151	873	0	0	0	0	0	0	0	0	0
MAXIMUM DAY	0	154	141	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	77	28	0	0	0	0	0	0	0	0	0
TOTAL AC.FT.	0	4,267	1,732	0	0	0	0	0	0	0	0	0
WHOLE YEAR:-	TOTAL,	3,024	MAX.,	154	MIN.,	0	MEAN,	8	TOTAL AC.FT.,	5,999		

DISCHARGE IN CUBIC FEET PER SECOND North Kern WSD Exchange Payback to Buena Vista Water Storage District Year: 1995

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	58	0	0	0	0	0	0	0	0	0	0
2	0	59	0	0	0	0	0	0	0	0	0	0
3	0	53	0	0	0	0	0	0	0	0	0	0
4	0	50	0	0	0	0	0	0	0	0	0	0
5	0	50	0	0	0	0	0	0	0	0	0	0
6	0	53	0	0	0	0	0	0	0	0	0	0
7	0	45	0	0	0	0	0	0	0	0	0	0
8	0	44	0	0	0	0	0	0	0	0	0	0
9	0	65	0	0	0	0	0	0	0	0	0	0
10	0	75	0	0	0	0	0	0	0	0	0	0
11	0	73	0	0	0	0	0	0	0	0	0	0
12	0	72	0	0	0	0	0	0	0	0	0	0
13	0	81	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	77	2	0	0	0	0	0	0	0	0	0	0
21	69	25	0	0	0	0	0	0	0	0	0	0
22	74	42	0	0	0	0	0	0	0	0	0	0
23	109	62	0	0	0	0	0	0	0	0	0	0
24	113	33	0	0	0	0	0	0	0	0	0	0
25	123	19	0	0	0	0	0	0	0	0	0	0
26	157	22	0	0	0	0	0	0	0	0	0	0
27	144	22	0	0	0	0	0	0	0	0	0	0
28	121	25	0	0	0	0	0	0	0	0	0	0
29	112	-	0	0	0	0	0	0	0	0	0	0
30	111	-	0	0	0	0	0	0	0	0	0	0
31	104	-	0	-	0	-	0	0	-	0	-	0
TOTAL	1,314	1,030	0	0	0	0	0	0	0	0	0	0
MAXIMUM DAY	157	81	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	42	37	0	0	0	0	0	0	0	0	0	0
TOTAL AC.FT.	2,606	2,043	0	0	0	0	0	0	0	0	0	0
WHOLE YEAR:-	TOTAL,	2,344	MAX.,	157	MIN.,	0	MEAN,	6	TOTAL AC.FT.,	4,649		

North Kern Water Storage District												Year: 1995		
Semitropic Water Storage District Exchange Deliveries														
DISCHARGE IN CUBIC FEET PER SECOND														
DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		
1	0	0	0	0	13	20	19	8	18	0	0	0		
2	0	0	0	0	13	23	15	9	17	2	0	0		
3	0	0	0	0	8	24	19	9	12	2	0	0		
4	0	0	0	0	4	23	20	5	19	4	0	0		
5	0	0	0	0	4	23	15	9	18	13	0	68		
6	0	0	0	0	0	18	7	4	21	11	0	63		
7	0	0	0	4	0	19	3	8	16	11	0	52		
8	0	0	0	4	5	15	0	8	3	6	0	31		
9	0	0	0	4	10	12	0	4	0	5	0	11		
10	0	0	0	4	4	2	0	6	0	4	0	11		
11	0	0	0	7	4	2	7	7	11	5	0	14		
12	0	0	0	7	4	7	12	4	14	3	0	12		
13	0	0	0	7	4	7	12	0	2	3	2	0		
14	0	0	0	7	2	6	5	3	4	0	2	0		
15	0	0	0	4	4	7	10	4	4	0	2	0		
16	0	0	0	4	2	6	9	7	0	0	2	0		
17	0	0	0	8	2	0	8	7	0	0	2	0		
18	0	0	0	2	2	0	10	6	3	0	0	0		
19	0	0	0	4	3	6	11	4	1	0	0	0		
20	0	0	0	4	3	8	11	4	0	0	2	0		
21	0	0	0	4	3	9	10	6	0	0	3	0		
22	0	0	0	0	6	9	3	0	3	0	0	0		
23	0	0	0	0	9	7	2	13	3	0	0	0		
24	0	0	0	14	9	4	8	15	3	0	4	0		
25	0	0	0	15	15	4	10	10	7	0	3	0		
26	0	0	0	16	17	14	15	9	3	0	3	0		
27	0	0	0	16	10	16	14	15	5	0	3	0		
28	0	0	0	14	6	16	11	17	3	0	3	0		
29	0	-	-	11	9	21	10	22	5	0	0	0		
30	0	-	-	13	9	18	4	13	2	0	3	0		
31	0	-	-	-	23	-	6	13	-	0	-	0		
TOTAL	0	0	0	173	207	346	286	249	197	69	34	262		
MAXIMUM DAY	0	0	0	16	23	24	20	22	21	13	4	68		
MINIMUM DAY	0	0	0	0	0	0	0	0	0	0	0	0		
MEAN	0	0	0	6	7	12	9	8	7	2	1	8		
TOTAL AC.FT.	0	0	0	344	411	686	567	493	390	137	67	519		
WHOLE YEAR:-	TOTAL,	1,823	MAX.,	68	MIN.,	0	MEAN,	5	TOTAL AC.FT.,	3,614				

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

Quantities in acre-feet

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
1993													
NKWSD to CITY	13,221	11,651	0	0	0	0	0	0	0	0	0	0	24,872
CITY to NKWSD	0	0	2,292	0	0	5,000	5,000	5,000	0	0	0	0	17,292
Other Purchase Rate	0	0	0	0	0	0	0	0	0	0	0	0	0
CITY Debit to NKWSD	53,944	65,595	63,303	63,303	63,303	58,303	53,303	48,303	48,303	48,303	48,303	48,303	

1994													
NKWSD to CITY	0	0	0	0	321	0	0	0	0	0	0	3,617	3,938
CITY to NKWSD	0	0	0	799	1,369	0	0	0	0	750	63	0	2,981
Other Purchase Rate	0	0	0	0	0	0	0	0	0	0	0	0	0
CITY Debit to NKWSD	48,303	48,303	48,303	47,504	46,456	46,456	46,456	46,456	46,456	45,706	45,643	49,260	

1995													
NKWSD to CITY	7,966	0	0	0	0	0	0	0	0	0	0	0	7,966
CITY to NKWSD	934	0	0	0	0	0	0	0	0	0	0	0	934
Other Purchase Rate	0	0	0	0	0	0	0	0	0	0	0	0	0
CITY Debit to NKWSD	56,292	56,292	56,292	56,292	56,292	56,292	56,292	56,292	56,292	56,292	56,292	56,292	56,292

**COST ALLOCATION
AND
WATERMASTER SUMMARIES**

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

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

Year: 1995

Quantities in acre-feet

	Five Year					Allocation Percentage	
	1991	1992	1993	1994	1995		
Carrier Canal at Head	202,512	185,729	248,721	213,564	258,457	1,108,983	99.53%
Oilfield Discharge	2,130	165	365	1,172	635	4,467	0.40%
Storm Drain Inflow	51	278	187	114	188	818	0.07%
TOTAL CARRIER CANAL FLOW	204,693	186,172	249,273	214,850	259,280	1,114,268	100.00%
Kern Island Canal (1)	121,694	116,948	136,717	134,703	129,588	639,650	57.40%
Eastside Canal	11,700	15,327	19,528	18,835	18,303	83,693	7.51%
Kern Delta WD via Levee #1	20,104	17,627	43,880	23,249	52,123	156,983	14.09%
KERN DELTA WATER DISTRICT TOTAL	153,498	149,902	200,125	176,787	200,014	890,326	79.00%
Carrier Waste Gate	2,031	0	9,159	1,759	4,422	17,371	1.56%
Kern River Conduit via Levee #1	49,164	36,270	39,989	36,304	54,844	216,571	19.44%
CITY OF BAKERSFIELD TOTAL	51,195	36,270	49,148	38,063	59,266	233,942	21.00%

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

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

Year: 1995

Quantities in acre-feet

	1991					1992					1993					1994					1995					Five Year Total		Allocation Percentage	
TOTAL CARRIER CANAL FLOW (1)	94,595					43,743					177,635					57,061					329,696					702,730		100.00%	
Stine Canal Total Diverted (2)	6,665					0					30,925					7,541					35,917					81,048		11.53%	
Buena Vista Canal Total Diverted (2)	15,070					17,861					42,919					14,551					38,005					128,406		18.27%	
River Canal Total Diverted	555					1,827					2,128					2,660					3,632					10,802		1.54%	
KERN DELTA WATER DISTRICT TOTAL DIVERTED FROM CARRIER CANAL	22,290					19,688					75,972					24,752					77,554					220,256		31.34%	
KERN RIVER CONDUIT (City of Bakersfield)	72,305					24,055					101,663					32,309					252,142					482,474		68.66%	

Notes: (1) Sum of Carrier Canal flow at Oak Street and River Canal inflow.
(2) Sum of headgate diversion and pro-rated share of Carrier Canal loss.

CALLOWAY AND BEARDSLEY CANALS

Allocation of Joint Accounts

1985

Quantities in acre-feet

BEARDSLEY CANAL USED

Preceding Five Years

Year	Diverted via Beardsley Canal						
	North Kern Water Storage District			CITY	Subtotal	CWD/Other	TOTAL
	NKWSD	RIRID	TOTAL				
1991	34,997	0	34,997	16,446	51,443	40,284	91,707
1992	51,067	0	51,067	14,896	65,963	42,674	108,637
1993	144,312	8,943	153,255	23,920	177,175	73,033	250,208
1994	113,395	1,434	114,829	19,264	134,093	52,466	186,559
1995	227,937	3,729	231,666	26,284	257,950	68,967	326,917
Total	571,708	14,106	585,814	100,810	686,624	277,404	964,028
Percent	83.26%	2.06%	85.32%	14.68%	100.00%		

CALLOWAY CANAL USED

Preceding Ten Years

Year	Diverted via Calloway Canal				
	NKWSD	CITY	Subtotal	ID4	TOTAL
1986	110,443	33,807	144,250	63,711	207,961
1987	1,900	0	1,900	27,183	29,083
1988	0	0	0	26,406	26,406
1989	0	0	0	17,669	17,669
1990	0	0	0	3,317	3,317
1991	0	0	0	14,857	14,857
1992	0	0	0	10,095	10,095
1993	27,341	14,356	41,697	38,873	80,570
1994	0	0	0	22,829	22,829
1995	112,624	16,380	129,004	45,914	174,918
Total	252,308	64,543	316,851	270,854	587,705
Percent	79.63%	20.37%	100.00%		

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

Year: 1995

Quantities in acre-feet
except where noted...

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
Operating Loss	119	175	170	167	196	207	211	201	175	167	153	44	1,985
Treatment Plant	0	899	1,266	2,067	3,238	3,699	4,060	4,098	3,595	3,248	2,279	440	28,889
Reverse Flow via Pump Plant #7	0	0	0	0	0	708	5,393	3,816	0	513	117	0	10,547
CVC Extension Losses	0	0	0	12	0	50	208	103	0	32	6	0	411
T.O. #4 to River	0	0	0	0	0	0	0	0	0	0	0	0	0
Loss to Standard Weir	1,111	1,049	242	10	0	0	0	0	0	0	0	0	2,412
Western Reach Flow	1,656	4,587	1,756	0	0	0	0	0	0	0	0	0	7,999
Trans. Charge Waived	2,886	5,615	1,958	0	0	0	0	0	0	0	0	0	10,459
EC SUB-TOTAL DIVERSION	0	1,095	1,476	2,256	3,434	4,664	9,872	8,218	3,770	3,960	2,555	484	41,784
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	1,226	1,226	1,226	1,226	1,226	1,226	1,226	1,226	1,226	1,226	1,226	1,226	
Current Rate	\$0.92	\$0.92	\$0.92	\$0.92	\$0.92	\$0.92	\$0.92	\$0.92	\$0.92	\$0.92	\$0.92	\$0.92	
EC SUB-TOTAL CHARGE	\$0.00	\$1,007.40	\$1,357.92	\$2,075.52	\$3,159.28	\$4,290.88	\$9,082.24	\$7,560.56	\$3,468.40	\$3,643.20	\$2,350.60	\$445.28	\$38,441.28
W E R S E T A E C R H N	0	0	0	0	0	0	0	0	0	0	0	0	0
Bartell Spreading	0	0	0	0	0	0	0	0	0	0	0	0	0
Loss Below Standard Weir	1,656	3,070	637	0	0	0	0	0	0	0	0	0	5,363
NKWSD Exchange Delivery	0	1,517	1,119	0	0	0	0	0	0	0	0	0	2,636
Trans. Charge Waived	1,656	4,587	1,756	0	0	0	0	0	0	0	0	0	7,999
EC SUB-TOTAL DIVERSION	0	0	0	0	0	0	0	0	0	0	0	0	0
Current Rate	\$0.92	\$0.92	\$0.92	\$0.92	\$0.92	\$0.92	\$0.92	\$0.92	\$0.92	\$0.92	\$0.92	\$0.92	
R H N SUB-TOTAL CHARGE	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL CHARGE	\$0.00	\$1,007.40	\$1,357.92	\$2,075.52	\$3,159.28	\$4,290.88	\$9,082.24	\$7,560.56	\$3,468.40	\$3,643.20	\$2,350.60	\$445.28	\$38,441.28

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

Year: 1995

Quantities in acre-feet

Canal	1995					Five Year Total	Percentage
	1991	1992	1993	1994	1995		
Kern Island	115,718	116,586	135,092	132,003	130,779	630,178	26.12%
Eastside	11,700	15,327	19,528	18,740	18,303	83,598	3.46%
Buena Vista	10,229	10,882	25,922	12,148	27,623	86,804	3.60%
Stine	6,884	3,740	26,952	6,904	25,655	70,135	2.91%
Farmers	7,248	3,407	17,789	5,596	18,742	52,782	2.19%
Subtotal Kern Delta WD	151,779	149,942	225,283	175,391	221,102	923,497	38.28%
City of Bakersfield	50,090	28,150	122,553	50,623	275,218	526,634	21.83%
K.R.C. & I. Co. (Beardsley)	10,181	8,963	10,593	12,258	11,462	53,457	2.22%
Central - I.D. #4 (Calloway)	14,857	10,095	38,418	22,829	62,294	148,493	6.15%
James	0	0	1,886	0	29,223	31,109	1.29%
Pioneer	0	0	0	0	38,248	38,248	1.58%
Subtotal City of Bakersfield	75,128	47,208	173,450	85,710	416,445	797,941	33.07%
North Kern WSD	27,984	42,080	174,338	107,345	339,558	691,305	28.65%
Total First Point Group	254,891	239,230	573,071	368,446	977,105	2,412,743	100.00%
South Fork	488	727	961	972	880		
First Point passing 2nd Point	0	0	0	0	0	0	
River Loss and Spreading	23,499	18,376	42,648	28,309	80,345		
Flow Above First Point	1,092	2,084	2,582	2,634	3,584		
Total 1st Point Group Diverted	279,970	260,417	619,262	400,361	1,061,914		

- 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: 1995

Year	Acre-Foot Days of Irrigation Storage			Isabella O&M Charges (2)
	NKWSD (1)	BVWSD	Total A.F.D.	
1991	18,113,853	6,387,809	24,501,662	\$151,324
1992	21,518,752	4,641,621	26,160,373	(3) \$135,599
1993	52,868,053	27,522,072	80,390,125	\$151,324
1994	37,200,539	20,487,825	57,688,364	\$142,254
1995	71,087,019	34,039,777	105,126,796	(4) \$144,137
5-Year Totals	200,788,216	93,079,104	293,867,320	\$724,638

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

- Total 5-Year Operation & Interest Charge..... \$1,867,888

Total 5-Year Cost \$1,867,888 \$0.0063562

----- = ----- = -----
Total 5-Year Use 293,867,320 Rental Charge
Per
Acre-Foot Day

TOTAL 1995 HACIENDA WD Acre-Foot Storage Days = 12,642,154

TOTAL 1995 HACIENDA WD Share of 1995 Storage Costs = \$80,356.06

- (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... (includes contract administration charges by the U.S.B.R.)
- (3) Reflects adjustment of Isabella Reservoir O&M Charges for years 1991-1992
pursuant to Corps of Engineers revised billing dated April 20, 1992...
- (4) Reflects revised Isabella Reservoir O&M Charges for years 1995-1998
pursuant to Corps of Engineers billing statement dated February 13, 1995...

**KERN COUNTY RECREATION POOL REPORT
FROM THE KERN RIVER WATERMASTER**

Year: 1995

Quantities in acre-feet
except where noted...

End of Previous Year	Total Storage in Reservoir	Total Water Surface Area (Acres)	Area Attributable to Rec. Pool (Acres)	County of Kern		
				Total Reservoir Loss	Ming Lake Net Inflow	Recreation Pool Loss
	115,585	4,637	875			
January	142,075	5,326	785	462	16	69
February	168,925	5,957	710	1,016	16	133
March	266,541	7,828	515	1,444	44	117
April	293,069	8,248	480	2,614	60	159
May	406,282	9,756	365	3,447	77	151
June	505,016	10,829	310	6,952	105	218
July	535,992	11,140	300	10,701	127	288
August	409,016	9,788	360	10,151	121	313
September	337,548	8,888	425	7,525	91	311
October	284,884	8,122	490	5,177	65	274
November	247,074	7,499	545	2,698	42	177
December	246,474	7,489	550	1,402	26	103
ISABELLA RESERVOIR RECREATION POOL:				TOTALS	790	2,313
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

Year: 1995

Quantities in acre-feet

	CALENDAR YEAR						WATER YEAR									
	FIRST POINT		NATURAL		ENTITLEMENT		FIRST POINT		NATURAL		ENTITLEMENT					
	REGULATED	NATURAL	NKWSD	BWSD	HWD	REGULATED	NATURAL	NKWSD	BWSD	HWD	REGULATED	NATURAL	NKWSD	BWSD	HWD	
JANUARY	19,839	46,832	46,608	224	0	13,745	14,771	14,771	0	0	13,745	14,771	14,771	0	0	
To Date	19,839	46,832	46,608	224	0	13,745	14,771	14,771	0	0	13,745	14,771	14,771	0	0	
FEBRUARY	20,858	48,774	48,584	190	0	12,060	12,780	12,780	0	0	25,805	27,551	27,551	0	0	
	40,697	95,606	95,192	414	0	15,527	15,507	15,507	0	0	41,332	43,058	43,058	0	0	
MARCH	57,225	156,387	106,987	48,742	658	19,839	46,832	46,608	224	0	61,171	89,890	89,666	224	0	
	97,922	251,993	202,179	49,156	658	20,858	48,774	48,584	190	0	82,029	138,664	138,250	414	0	
APRIL	113,865	143,244	88,823	39,648	14,773	57,225	156,387	106,987	48,742	658	139,254	295,051	245,237	49,156	658	
	211,787	395,237	291,002	88,804	15,431	113,865	143,244	88,823	39,648	14,773	186,960	293,129	245,237	49,156	658	
MAY	138,034	255,046	142,103	84,105	28,838	253,119	438,295	334,060	88,804	15,431	391,153	693,341	476,163	172,909	44,269	
	349,821	650,283	433,105	172,909	44,269	138,034	255,046	142,103	84,105	28,838	186,960	293,129	149,883	99,941	43,305	
JUNE	186,960	293,129	149,883	99,941	43,305	578,113	986,470	626,046	272,850	87,574	578,113	986,470	626,046	272,850	87,574	
	536,781	943,412	582,988	272,850	87,574	195,546	237,802	113,839	71,522	52,441	195,546	237,802	113,839	71,522	52,441	
JULY	195,546	237,802	113,839	71,522	52,441	773,659	1,224,272	739,885	344,372	140,015	773,659	1,224,272	739,885	344,372	140,015	
	732,327	1,181,214	696,827	344,372	140,015	205,924	89,657	66,875	22,782	0	205,924	89,657	66,875	22,782	0	
AUGUST	205,924	89,657	66,875	22,782	0	938,251	1,270,871	763,702	367,154	140,015	938,251	1,270,871	763,702	367,154	140,015	
	938,251	1,270,871	763,702	367,154	140,015	1,040,844	1,309,979	802,810	367,154	140,015	1,040,844	1,309,979	802,810	367,154	140,015	
SEPTEMBER	102,593	39,108	39,108	0	0	71,157	24,093	24,093	0	0	71,157	24,093	24,093	0	0	
	1,040,844	1,309,979	802,810	367,154	140,015	1,112,001	1,334,072	826,903	367,154	140,015	1,112,001	1,334,072	826,903	367,154	140,015	
OCTOBER	71,157	24,093	24,093	0	0	57,106	22,268	22,268	0	0	57,106	22,268	22,268	0	0	
	1,112,001	1,334,072	826,903	367,154	140,015	1,169,107	1,356,340	849,171	367,154	140,015	1,169,107	1,356,340	849,171	367,154	140,015	
NOVEMBER	57,106	22,268	22,268	0	0	27,993	28,820	28,820	0	0	27,993	28,820	28,820	0	0	
	1,169,107	1,356,340	849,171	367,154	140,015	1,197,100	1,385,160	877,991	367,154	140,015	1,197,100	1,385,160	877,991	367,154	140,015	
DECEMBER	27,993	28,820	28,820	0	0	1,082,176	1,353,037	845,868	367,154	140,015	1,082,176	1,353,037	845,868	367,154	140,015	
Year	1,197,100	1,385,160	877,991	367,154	140,015											

1894 to 1995 Mean April-July Runoff = 467,369 acre-feet (100% of Average)
 1995 April-July Runoff = 929,221 acre-feet (199% of Average)

1894 to 1995 Mean March-October Runoff = 599,641 acre-feet (100% of Average)
 1995 March-October Runoff = 1,238,466 acre-feet (207% of Average)

Quantities in S.F.D. except where noted

JANUARY 1985

REPORT OF THE KERN RIVER WATERMASTER

DAY	ISABELLA RESERVOIR		LOSS	FIRST POINT REGULATED FLOW	FLOW ABOVE 1ST POINT	CHANGE IN STORAGE		COMPUTED 1ST POINT NATURAL FLOW	MEAN TOTAL	STORAGE IRRIGATION	KERN COUNTY RECREATION POOL LOSS	2ND POINT GROUP FLOW AT 2ND PT.	FRONT-KERN INFLOW
	ELEVATION (FEET)	MIDNIGHT STORAGE				+1ST POINT	+FLOW ABOVE 1ST POINT						
Previous Day	2550.16	115,585	58,274	7	235	243	243	243	58,274	43,056	1	0	0
1	2550.15	115,538	58,250	10	243	230	230	240	58,260	43,042	2	0	0
2	2550.15	115,538	58,250	14	246	281	281	243	58,242	43,024	3	0	0
3	2550.14	115,482	58,227	6	255	239	239	396	58,376	43,158	1	0	0
4	2550.31	116,281	58,625	0	291	689	689	447	58,532	43,314	0	0	0
5	2550.34	116,421	58,686	0	341	413	413	476	58,666	43,448	0	0	0
6	2550.35	116,468	58,719	2	299	325	325	398	58,762	43,544	0	0	0
7	2550.42	116,795	58,884	11	278	455	455	397	58,869	43,651	2	0	0
8	2550.48	117,075	59,025	2	269	412	412	451	59,049	43,831	0	0	0
9	2550.57	117,496	59,238	5	266	485	485	461	59,238	44,020	1	0	0
10	2550.95	119,288	60,141	2	340	1,246	1,246	1,246	60,141	44,923	0	0	0
11	2551.49	121,865	61,440	2	382	1,683	1,683	1,683	61,440	46,222	0	0	0
12	2551.94	124,041	62,537	2	393	1,493	1,493	1,493	62,537	47,319	0	0	0
13	2552.29	125,750	63,399	18	338	1,218	1,218	1,218	63,399	48,181	3	0	0
14	2552.59	127,229	64,145	2	306	1,055	1,055	1,055	64,145	48,927	0	0	0
15	2553.10	129,770	65,426	5	386	1,673	1,673	1,673	65,426	50,208	1	0	0
16	2553.43	131,432	66,264	19	340	1,197	1,197	1,197	66,264	51,046	3	0	0
17	2553.63	132,446	66,775	5	277	794	794	746	66,727	51,509	1	0	0
18	2553.76	133,108	67,109	9	306	649	649	695	67,107	51,989	1	0	0
19	2553.88	133,721	67,418	9	324	642	642	615	67,389	52,171	1	0	0
20	2553.96	134,131	67,624	9	338	554	554	616	67,657	52,439	1	0	0
21	2554.08	134,747	67,935	2	339	653	653	587	67,902	52,684	0	0	0
22	2554.17	135,211	68,169	2	318	554	554	618	68,200	52,982	0	0	0
23	2554.29	135,829	68,480	5	329	646	646	635	68,500	53,282	1	0	0
24	2554.43	136,555	68,847	5	334	706	706	711	68,872	53,654	1	0	0
25	2554.59	137,386	69,265	9	354	782	782	757	69,265	54,047	1	0	0
26	2554.79	138,430	69,792	21	399	948	948	948	69,792	54,574	3	0	0
27	2554.96	139,323	70,242	11	365	826	826	826	70,242	55,024	2	0	0
28	2555.11	140,113	70,640	6	352	756	756	737	70,621	55,403	1	0	0
29	2555.24	140,801	70,987	13	338	689	689	707	70,976	55,758	2	0	0
30	2555.36	141,436	71,307	11	333	665	665	676	71,307	56,089	2	0	0
31	2555.48	142,075	71,630	16	323	663	663	663	71,630	56,412	2	0	0
TOTAL SECOND FOOT DAYS				233	10,002	20	23,611	23,611	71,630	56,412	35	0	0
TOTAL ACRE-FEET				462	19,839	39	46,832	46,832	142,075	111,891	69	0	0

By: *[Signature]* Date: FEBRUARY 10, 1995

Quantities in S.F.D. except where noted

JANUARY 1985

REPORT OF THE KERN RIVER WATERMASTER

HACIENDA WATER DISTRICT

BUENA VISTA WATER STORAGE DISTRICT

NORTH KERN WATER STORAGE DISTRICT

FLOW ABOVE FIRST POINT										FLOW ABOVE FIRST POINT										FLOW ABOVE FIRST POINT																				
KERN										VALLEY										LAKE MACHENDA GOLF																				
ENTL	FLOW	AT 1ST	POINT	MIN	INC.	COURSE	RESERVOIR	LOSS	STORAGE	ENTL	FLOW	AT 1ST	POINT	MIN	INC.	COURSE	RESERVOIR	LOSS	STORAGE	ENTL	FLOW	AT 1ST	POINT	MIN	INC.	COURSE	RESERVOIR	LOSS	STORAGE	ENTL	FLOW	AT 1ST	POINT	MIN	INC.	COURSE	RESERVOIR	LOSS	STORAGE	
DAY	PREVIOUS DAY	POINT	POINT	POINT	POINT	POINT	POINT	POINT	POINT	POINT	POINT	POINT	POINT	POINT	POINT	POINT	POINT	POINT	POINT	POINT	POINT	POINT	POINT	POINT	POINT	POINT	POINT	POINT	POINT	POINT	POINT	POINT	POINT	POINT	POINT	POINT	POINT	POINT		
1	243	235	0	1	0	0	29,960	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
2	243	246	0	1	0	0	29,949	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
3	396	255	0	0	0	0	30,071	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	447	291	0	0	0	0	30,227	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	476	341	0	1	0	0	30,361	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	398	289	0	0	0	0	30,458	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	397	278	0	1	0	0	30,568	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	451	269	0	0	0	0	30,749	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	461	266	0	1	0	0	30,939	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	1,246	340	1	0	0	0	31,843	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	1,625	350	0	0	0	0	33,117	58	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
12	1,493	393	0	1	0	0	34,215	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	1,218	338	0	0	0	0	35,082	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	1,055	306	0	1	0	0	35,829	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	1,618	365	1	0	0	0	37,077	55	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	1,197	340	0	0	0	0	37,920	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	746	277	0	1	0	0	38,384	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	695	306	0	0	0	0	38,766	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	615	324	0	0	0	0	39,050	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	616	338	1	0	0	0	39,320	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	587	339	0	1	0	0	39,566	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	618	318	0	0	0	0	39,864	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	635	329	0	1	0	0	40,165	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	711	334	0	0	0	0	40,538	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	757	354	1	0	0	0	40,933	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	948	399	0	1	0	0	41,465	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	826	365	0	0	0	0	41,918	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	737	352	0	0	0	0	42,298	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	707	338	0	1	0	0	42,656	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	676	333	1	0	0	0	42,990	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	663	323	0	1	0	0	43,317	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S.F.D.	23,498	9,949	8	12	0	0	43,317	113	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
AC.F.T.	46,608	19,734	16	23	0	0	85,917	224	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TOTAL ACRE-FOOT STORAGE DAYS										TOTAL ACRE-FOOT STORAGE DAYS										TOTAL ACRE-FOOT STORAGE DAYS																				
2,240,469										805,695										805,695																				
TOTAL ACRE-FOOT STORAGE DAYS										TOTAL ACRE-FOOT STORAGE DAYS										TOTAL ACRE-FOOT STORAGE DAYS																				
2,240,469										805,695										805,695																				
TOTAL ACRE-FOOT STORAGE DAYS										TOTAL ACRE-FOOT STORAGE DAYS										TOTAL ACRE-FOOT STORAGE DAYS																				
2,240,469										805,695										805,695																				
TOTAL ACRE-FOOT STORAGE DAYS										TOTAL ACRE-FOOT STORAGE DAYS										TOTAL ACRE-FOOT STORAGE DAYS																				
2,240,469										805,695										805,695																				
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2,240,469										805,695										805,695																				
TOTAL ACRE-FOOT STORAGE DAYS										TOTAL ACRE-FOOT STORAGE DAYS										TOTAL ACRE-FOOT STORAGE DAYS																				
2,240,469										805																														

WATERMASTER NOTES *** KERN RIVER BULLETIN

MONTH January

DAY(S)

PAGE NO.

TITLE OF COLUMN

COMMENT

None

SNOW SURVEY DATA FOR KERN RIVER BASIN

Date: February 1, 1985

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
Bighorn Plateau	Upper Tyndall Creek	516	11,450	27.7	2-3	68.0	31%	20.8	75%	SKNIP
Cottonwood Pass		250	11,350	21.9	2-3	68.7	31%	21.4	98%	SKNIP
Siberian Pass		251	11,050	13.4	1-24	61.9	25%	15.4	115%	DWR
Crabtree Meadow		252	10,900	18.3	1-26	81.3	25%	20.5	112%	DWR
		253	10,700	18.8	1-29	72.4	26%	18.8	100%	DWR
	Crabtree Meadow	253	10,700	19.8	1-29			14.8	75%	DWR
Guyot Flat		254	10,650	20.0	1-29	77.6	26%	20.5	103%	DWR
Tyndall Creek		255	10,650	18.3	2-3	63.8	29%	18.5	101%	SKNIP
Sandy Meadow		275	10,650	18.3	1-28	76.5	25%	18.9	103%	DWR
	Chagoopa Plateau	514	10,300	21.8						
Big Whitney Meadow		257	9,750	16.6	1-25	73.5	23%	16.9	102%	DWR
Rock Creek		256	9,600	17.2	1-29	72.3	27%	19.4	113%	DWR
	Paascoe	569	9,130	24.9	1-30	95.8	29%	28.0	112%	USFS
		258	9,000	24.9	1-30	86.0	32%	27.9	112%	USFS
Round Meadow	Tunnel Guard	830	8,960	15.6						
	Wet Meadow	518	8,950	30.3						
Ramshaw Meadow		259	8,700	11.3	1-31	50.6	28%	14.4	127%	DWR
Little Whitney Mea.		260	8,500	13.5	1-31	63.5	29%	18.2	135%	DWR
Casa Vieja Meadow		262	8,400	19.6	1-31	64.9	36%	23.3	119%	USFS
	Casa Vieja Meadows	262	8,400	20.9						
Quinn Ranger Sta.		264	8,350	19.4						
Bonita Meadows		261	8,300	13.8	1-30	64.6	33%	21.3	154%	USFS
Beach Meadows		265	7,650	8.9	1-31	44.9	35%	15.5	174%	USFS
	Beach Meadows	860	7,650	11.0	1-31	44.4	29%	12.8	116%	USFS

CALIFORNIA COOPERATIVE SNOW SURVEYS FORECAST as of FEBRUARY 1, 1985 for KERN RIVER INFLOW TO ISABELLA RESERVOIR...

April-July = 550,000 acre-feet (119% of Average) *** Water Year = 800,000 acre-feet (112% of Average)

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

April-July = 370,000 AcFt (80% of Average) to 870,000 AcFt (189% of Average)*** Water Year = 570,000 AcFt (80% of Average) to 1,200,000 AcFt (168% of Average)

Quantities in S.F.D. except where noted

FEBRUARY 1995

REPORT OF THE KERN RIVER WATERMASTER

DAY	ELEVATION (FEET)	ISABELLA RESERVOIR		LOSS	FIRST POINT REGULATED FLOW	FLOW ABOVE 1ST POINT	CHANGE IN STORAGE		COMPUTED 1ST POINT NATURAL FLOW	MEAN TOTAL	STORAGE IRRIGATION	KERN COUNTY RECREATION POOL LOSS	2ND POINT GROUP FLOW AT 2ND PT. (FRIANT-KERN)	FRIANT-KERN INFLOW	DAY
		MIDNIGHT STORAGE	RESERVOIR S.F.D.				+1ST POINT	+19T POINT							
Previous Day	2555.48	142,075	71,630	16	323	1	663	56,412	663	71,630	56,412	2	0	0	1
1	2555.64	142,928	72,060	13	324	1	768	56,842	768	72,060	56,842	2	0	0	2
2	2555.83	143,946	72,573	20	324	0	837	57,335	837	72,553	57,335	3	0	0	3
3	2556.00	144,962	73,035	22	312	1	797	57,803	803	73,021	57,803	3	0	0	4
4	2556.16	145,726	73,470	16	302	1	754	58,244	760	73,462	58,244	2	0	0	5
5	2556.31	146,540	73,881	16	302	1	730	58,664	739	73,882	58,664	2	0	0	6
6	2556.46	147,357	74,293	13	307	0	732	59,071	727	74,289	59,071	2	0	0	7
7	2556.60	148,122	74,678	26	308	1	720	59,483	747	74,701	59,483	4	0	0	8
8	2556.77	148,054	75,148	3	315	1	789	59,899	735	75,117	59,899	0	0	0	9
9	2556.88	149,660	75,454	15	374	1	686	60,224	715	75,442	60,224	2	0	0	10
10	2556.97	150,156	75,704	13	397	1	661	60,468	655	75,686	60,468	2	0	0	11
11	2557.04	150,542	75,888	19	385	1	609	60,681	628	75,899	60,681	3	0	42	12
12	2557.11	150,930	76,094	24	393	1	614	60,917	654	76,135	60,917	3	0	100	13
13	2557.22	151,541	76,402	16	414	1	739	61,184	688	76,402	61,184	2	0	58	14
14	2557.66	153,998	77,641	31	531	1	1,802	62,423	1,802	77,641	62,423	4	0	18	15
15	2557.99	155,858	78,578	8	482	1	1,428	63,360	1,428	78,578	63,360	1	0	69	16
16	2558.19	156,992	79,150	12	451	1	1,036	63,885	989	79,103	63,885	2	0	100	17
17	2558.35	157,903	79,609	20	414	1	894	64,362	912	79,580	64,362	3	0	650	18
18	2558.49	158,704	80,013	15	385	1	805	64,796	835	80,014	64,796	2	0	1,200	19
19	2558.63	159,506	80,418	17	382	1	805	65,211	815	80,429	65,211	2	47	1,200	20
20	2558.78	160,388	80,852	24	377	1	836	65,658	849	80,876	65,658	3	136	1,200	21
21	2558.95	161,351	81,348	27	383	1	907	66,127	880	81,345	66,127	3	130	800	22
22	2559.12	162,336	81,844	20	380	1	897	66,646	920	81,864	66,646	2	10	400	23
23	2559.31	163,441	82,402	21	377	1	957	67,185	938	82,403	67,185	3	0	479	24
24	2559.50	164,553	82,962	26	372	1	959	67,746	960	82,964	67,746	3	0	371	25
25	2559.69	165,689	83,524	26	376	1	965	68,302	959	83,520	68,302	3	0	191	26
26	2559.88	166,788	84,089	17	371	1	954	68,871	958	84,089	68,871	2	0	191	27
27	2560.07	167,913	84,656	16	371	1	955	69,438	955	84,656	69,438	2	0	183	28
28	2560.24	168,925	85,166	16	397	1	924	69,948	924	85,166	69,948	2	0	171	29
TOTAL SECOND FOOT DAYS				512	10,516	26	24,580	69,948	24,580	85,166	69,948	67	323	7,423	
TOTAL ACRE-FEET				1,016	20,858	52	48,774	138,741	48,774	168,925	138,741	133	641	14,724	

By:  Date: MARCH 10, 1995

Quantities in S.F.D. except where noted

FEBRUARY 1995

REPORT OF THE KERN RIVER WATERMASTER

HACIENDA WATER DISTRICT

BUENA VISTA WATER STORAGE DISTRICT

NORTH KERN WATER STORAGE DISTRICT

DAY	ENTL AT 1ST POINT	FLOW AT 1ST POINT	M/ING	LAKE	HACIENDA	GOLF	COURSE	RESERVOIR		ENTL AT 1ST POINT	FLOW FOR ID#4	FLOW ABOVE FIRST POINT		RESERVOIR		ENTITLEMENT Contributed by:	FLOW	LOSS	STORAGE	DAY								
								LOSS	STORAGE			WD	OLCESE	LOSS	STORAGE						NKWS	BYWSD						
663	323	0	1	0	0	0	0	43,317	0	0	0	0	0	0	4	13,085	0	0	0	0	0							
1	768	324	0	1	0	0	0	43,750	0	0	0	0	0	0	3	13,082	0	0	0	0	1							
2	837	324	0	0	0	0	0	44,248	0	0	0	0	0	0	5	13,087	0	0	0	0	2							
3	803	312	0	1	0	0	0	44,721	0	0	0	0	0	0	5	13,082	0	0	0	0	3							
4	760	302	1	0	0	0	0	45,166	0	0	0	0	0	4	13,078	0	0	0	0	0	4							
5	739	302	0	1	0	0	0	45,590	0	0	0	0	0	4	13,074	0	0	0	0	0	5							
6	727	307	0	0	0	0	0	46,000	0	0	0	0	0	3	13,071	0	0	0	0	0	6							
7	747	308	0	1	0	0	0	46,418	0	0	0	0	0	6	13,065	0	0	0	0	0	7							
8	735	315	1	0	0	0	0	46,835	0	0	0	0	0	1	13,064	0	0	0	0	0	8							
9	715	374	0	1	0	0	0	47,163	0	0	0	0	0	3	13,061	0	0	0	0	0	9							
10	655	397	0	1	0	0	0	47,410	0	0	0	0	0	3	13,058	0	0	0	0	0	10							
11	628	395	1	0	0	0	0	47,627	0	0	0	0	0	4	13,054	0	0	0	0	0	11							
12	654	393	0	1	0	0	0	47,868	0	0	0	0	0	5	13,049	0	0	0	0	0	12							
13	698	414	0	1	0	0	0	48,138	0	0	0	0	0	3	13,046	0	0	0	0	0	13							
14	1,706	477	1	0	0	0	0	49,342	96	54	0	0	0	7	13,081	0	0	0	0	0	14							
15	1,428	482	0	1	0	0	0	50,281	0	0	0	0	0	2	13,079	0	0	0	0	0	15							
16	989	451	0	1	0	0	0	50,809	0	0	0	0	0	3	13,076	0	0	0	0	0	16							
17	912	414	1	0	0	0	0	51,290	0	0	0	0	0	4	13,072	0	0	0	0	0	17							
18	835	385	0	1	0	0	0	51,727	0	0	0	0	0	3	13,069	0	0	0	0	0	18							
19	815	382	0	1	0	0	0	52,146	0	0	0	0	0	4	13,065	0	0	0	0	0	19							
20	849	377	1	0	0	0	0	52,598	0	0	0	0	0	5	13,060	0	0	0	0	0	20							
21	880	383	0	1	0	0	0	53,073	0	0	0	0	0	6	13,054	0	0	0	0	0	21							
22	920	380	0	1	0	0	0	53,596	0	0	0	0	0	4	13,050	0	0	0	0	0	22							
23	938	377	1	0	0	0	0	54,139	0	0	0	0	0	4	13,046	0	0	0	0	0	23							
24	960	372	0	1	0	0	0	54,705	0	0	0	0	0	5	13,041	0	0	0	0	0	24							
25	959	376	0	1	0	0	0	55,266	0	0	0	0	0	5	13,038	0	0	0	0	0	25							
26	958	371	1	0	0	0	0	55,838	0	0	0	0	0	3	13,033	0	0	0	0	0	26							
27	955	371	0	1	0	0	0	56,408	0	0	0	0	0	3	13,030	0	0	0	0	0	27							
28	924	397	0	1	0	0	0	56,921	0	0	0	0	0	3	13,027	0	0	0	0	0	28							
S.F.D.	24,494	10,482	8	18	0	0	0	56,921	96	54	0	0	0	110	13,027	0	0	0	0	0	S.F.D.							
AC.F.T.	48,584	20,751	16	36	0	0	0	112,902	190	107	0	0	0	218	25,839	0	0	0	0	0	AC.F.T.							
																			TOTAL ACRE-FOOT STORAGE DAYS	2,775,019			TOTAL ACRE-FOOT STORAGE DAYS	725,355			TOTAL ACRE-FOOT STORAGE DAYS	0

FEBRUARY 1985
WATERMASTER NOTES *** KERN RIVER BULLETIN

REPORT OF THE KERN RIVER WATERMASTER

MONTH February DAY(S) 14 PAGE NO. 2 TITLE OF COLUMN BWSWD FLOW - FOR ID#4 COMMENT Delivered as per terms of BUENA VISTA WATER STORAGE DISTRICT/Improvement District No. 4 exchange agreement dated January 18, 1985.

Data: March 1, 1985

SNOW SURVEY DATA FOR KERN RIVER BASIN

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
Big Horn Plateau	Upper Tyndall Creek	516	11,450	27.7	2-03	68.0	31%	20.8	75%	SKNP
		250	11,350	21.9	2-03	68.7	31%	21.4	98%	SKNP
		251	11,050	13.4	2-23	64.0	35%	22.6	103%	DWR
Cottonwood Pass		252	10,900	18.3	1-24	61.9	25%	15.4	115%	DWR
		252	10,700	18.8	2-21	52.3	34%	17.8	133%	DWR
Crabtree Meadow		253	10,700	18.8	1-26	81.3	25%	20.5	112%	DWR
		253	10,700	19.8	2-21	64.6	34%	22.1	121%	DWR
Guyot Flat	Crabtree Meadow	254	10,650	20.0	2-25	59.9	33%	19.9	106%	DWR
		255	10,650	18.3	1-29	77.6	26%	14.8	75%	DWR
Tyndall Creek		275	10,650	18.3	1-29	65.4	35%	22.6	102%	DWR
		275	10,300	21.8	2-25	63.8	29%	16.5	113%	SKNP
Big Whitney Meadow	Chagoopa Plateau	257	9,750	16.6	2-03	61.7	36%	22.0	120%	DWR
		256	9,600	17.2	2-23	60.8	25%	18.9	103%	DWR
Rock Creek		258	9,000	24.9	1-28	76.5	25%	20.3	111%	DWR
		258	9,130	24.9	2-23	60.8	33%	20.3	111%	DWR
Round Meadow	Pascoe	258	9,000	24.9	1-25	73.5	23%	16.9	102%	DWR
		258	9,000	24.9	2-27	55.3	35%	19.3	116%	DWR
Casa Vieja Meadow	Tunnel Guard	262	8,400	19.6	1-29	72.3	27%	19.4	113%	DWR
		262	8,400	19.6	2-25	59.1	35%	20.4	119%	DWR
Quinn Ranger Sta. Bonita Meadows	Wet Meadow	262	8,400	20.9	1-30	85.8	29%	28.0	112%	USFS
		262	8,400	20.9	2-24	88.3	36%	33.5	135%	USFS
Beech Meadows	Casa Vieja Meadows	262	8,400	20.9	1-30	86.0	32%	27.9	112%	USFS
		261	8,300	13.8	2-24	77.2	40%	30.9	124%	USFS
Beech Meadows	Beech Meadows	265	7,650	8.9	1-31	55.5	30%	16.5	106%	DWR
		265	7,650	8.9	2-27	47.2	36%	17.2	110%	DWR
Beech Meadows	Wet Meadow	262	8,400	20.9	1-31	50.6	28%	14.4	127%	DWR
		264	8,350	19.4	1-31	63.5	29%	18.2	135%	DWR
Beech Meadows	Casa Vieja Meadows	261	8,300	13.8	2-26	55.4	34%	19.0	141%	DWR
		265	7,650	8.9	1-31	64.9	36%	23.3	119%	USFS
Beech Meadows	Beech Meadows	262	8,400	19.6	2-25	61.2	36%	22.0	112%	USFS
		262	8,400	20.9	1-31	67.5	32%	21.4	102%	USFS
Beech Meadows	Beech Meadows	261	8,300	13.8	1-30	64.6	33%	21.3	154%	USFS
		265	7,650	8.9	2-24	54.8	38%	21.0	152%	USFS
Beech Meadows	Beech Meadows	265	7,650	8.9	1-31	44.9	35%	15.5	174%	USFS
		265	7,650	8.9	2-24	36.8	39%	14.2	160%	USFS
Beech Meadows	Beech Meadows	265	7,650	8.9	1-31	44.4	29%	12.8	116%	USFS
		265	7,650	8.9	2-24	33.9	38%	13.0	118%	USFS

CALIFORNIA COOPERATIVE SNOW SURVEYS FORECAST as of MARCH 1, 1985 for KERN RIVER INFLOW TO ISABELLA RESERVOIR...
 April-July = 490,000 acre-feet (106% of Average) *** Water Year = 730,000 acre-feet (102% of Average)
 80 Percent Probability Range (Actual runoff should fall within the stated limits eight times out of ten) ...
 April-July = 370,000 AcFt (80% of Average) to 710,000 AcFt (154% of Average) *** Water Year = 560,000 AcFt (82% of Average) to 1,020,000 AcFt (142% of Average)

Quantities in S.F.D. except where noted

MARCH 1995

REPORT OF THE KERN RIVER WATERMASTER

DAY	ISABELLA RESERVOIR		LOSS	FIRST POINT REGULATED FLOW	FLOW ABOVE 1ST PT.	CHANGE IN STORAGE+LOSS		COMPUTED 1ST POINT NATURAL FLOW	MEAN TOTAL RECREATION POOL + DEAD STORAGE = 15,218 S.F.D. (90,184 ACFT)	STORAGE IRRIGATION	KERN COUNTY RECREATION POOL LOSS	SECOND POINT GROUP FLOW		FRONT-KERN INFLOW
	ELEVATION (FEET)	MIDNIGHT STORAGE ACRE-FEET				S.F.D.	AT 1ST POINT					AT 2ND POINT	F-KERN RIVER EXCH.	
Previous Day	2560.24	169,925	85,166	397	1	924	85,166	924	69,948	0	2	0	0	171
1	2560.33	169,461	85,437	558	1	835	85,464	862	70,246	0	1	81	0	108
2	2560.43	170,059	85,738	604	1	915	85,720	870	70,502	0	1	69	0	108
3	2560.51	170,537	85,979	604	1	860	86,085	984	70,867	0	2	67	0	108
4	2560.68	171,559	86,494	642	1	1,177	86,494	1,071	71,276	0	2	103	0	108
5	2561.07	173,914	87,682	798	1	1,989	87,682	1,989	72,464	0	0	168	0	108
6	2561.61	177,211	89,344	832	1	2,516	89,344	2,516	74,126	0	2	169	0	108
7	2561.93	179,183	90,338	723	1	1,729	90,249	1,640	75,031	0	1	147	0	75
8	2562.17	180,671	91,088	685	1	1,461	91,082	1,524	75,844	0	3	120	0	34
9	2562.39	182,041	91,779	673	1	1,383	91,779	1,409	76,561	0	2	113	0	15
10	2563.63	189,887	95,735	1,063	1	5,026	95,735	5,026	80,517	0	1	224	0	15
11	2565.67	203,243	102,468	1,675	1	8,420	102,468	8,420	87,250	0	1	323	0	605
12	2566.89	211,495	106,629	1,095	2	5,281	106,629	5,281	91,411	0	2	235	0	900
13	2567.69	217,014	109,411	919	1	3,725	109,234	3,548	94,016	0	2	197	0	38
14	2568.35	221,630	111,739	831	2	3,193	111,717	3,348	96,499	0	3	164	0	613
15	2568.98	226,092	113,988	843	1	3,127	113,872	3,033	98,654	0	3	89	71	93
16	2569.53	230,028	115,973	767	2	2,780	115,892	2,815	100,674	0	2	60	86	88
17	2570.02	233,569	117,758	719	2	2,537	117,660	2,520	102,442	0	2	16	119	97
18	2570.43	236,557	119,264	696	2	2,243	119,382	2,459	104,164	0	3	27	114	103
19	2570.93	240,230	121,116	693	2	2,597	121,125	2,488	105,907	0	4	52	87	67
20	2571.44	244,011	123,022	690	2	2,625	123,135	2,729	107,917	0	2	56	77	87
21	2572.03	248,425	125,248	723	2	2,964	125,195	2,798	109,977	0	1	64	69	120
22	2572.56	252,431	127,267	764	2	2,806	127,247	2,839	112,029	0	1	95	38	53
23	2572.99	255,708	128,920	1,078	2	2,748	128,799	2,647	113,581	0	1	133	0	70
24	2573.31	258,161	130,156	1,123	2	2,387	130,101	2,453	114,883	0	2	161	0	5
25	2573.57	260,164	131,166	1,185	2	2,223	131,113	2,225	115,895	0	2	182	0	0
26	2573.77	261,711	131,946	1,249	2	2,066	131,927	2,100	116,709	0	2	180	0	0
27	2573.94	263,031	132,612	1,306	2	2,011	132,573	1,991	117,355	0	2	190	0	0
28	2574.07	264,042	133,121	1,345	3	1,896	133,116	1,930	117,898	0	3	207	0	0
29	2574.20	265,056	133,632	1,328	2	1,881	133,589	1,943	118,371	0	3	221	0	0
30	2574.30	265,836	134,026	1,319	2	1,752	134,026	1,795	118,808	0	2	202	0	0
31	2574.39	266,541	134,381	1,321	3	1,692	134,381	1,692	119,163	0	1	200	0	0
TOTAL SECOND FOOT DAYS			728	28,851	51	78,645	134,381	78,645	119,163		59	4,315	661	1,607
TOTAL ACRE-FEET			1,444	57,225	100	156,387	266,541	156,387	236,357		117	8,560	1,310	3,187

Date: APRIL 25, 1995

By: *[Signature]*

REPORT OF THE KERN RIVER WATERMASTER

HACIENDA WATER DISTRICT

BUENA VISTA WATER STORAGE DISTRICT

NORTH KERN WATER STORAGE DISTRICT

DAY	FLOW ABOVE FIRST POINT				ENT'L AT 1ST POINT	FLOW AT 1ST POINT	ENT'L AT 2ND POINT	FLOW ABOVE FIRST POINT				ENTITLED BY	RESERVOIR		RESERVOIR								
	AT 1ST POINT	LAKE MING	LAKE INC.	VALLEY GOLF				RESERVOIR	LOSS	STORAGE	AT 2ND POINT		VIA F-KERN 2000 AC.	AT 2ND POINT	OLCSE WD	CARMEL	CONTRIBUTED BY	RESERVOIR	LOSS	STORAGE	DAY		
Previous Day	924	387	0	1	0	13	56,921	0	0	0	0	0	0	3	13,027	0	0	0					
1	683	450	1	0	0	4	57,149	179	27	0	0	81	0	1	13,097	0	0	0	1				
2	689	502	0	0	0	7	57,329	181	33	0	0	69	0	2	13,173	0	0	0	2				
3	766	503	0	0	0	11	57,581	218	34	0	0	67	0	3	13,286	0	0	0	3				
4	826	512	1	0	0	15	57,879	245	27	0	0	103	0	4	13,397	0	0	0	4				
5	1,452	620	0	0	0	2	58,709	537	10	0	0	168	0	1	13,755	0	0	0	5				
6	1,778	646	1	0	0	17	59,823	738	17	0	0	169	0	4	14,303	0	0	0	6				
7	1,214	570	0	0	0	9	60,458	426	6	0	0	147	0	2	14,573	0	0	0	7				
8	1,135	560	1	0	0	20	61,012	389	5	0	0	120	0	5	14,832	0	0	0	8				
9	1,056	554	0	0	0	14	61,500	353	6	0	0	113	0	4	15,061	0	0	0	9				
10	3,161	839	1	0	0	5	63,816	1,865	0	0	0	224	0	1	16,701	0	0	0	10				
11	4,935	1,349	0	0	0	9	67,393	3,485	3	0	0	323	0	2	19,857	0	0	0	11				
12	3,294	857	1	0	0	18	69,811	1,987	3	0	0	235	0	5	21,600	0	0	0	12				
13	2,377	717	0	0	0	18	71,453	1,171	5	0	0	197	0	5	22,563	0	0	0	13				
14	2,264	637	1	0	0	24	73,054	1,084	30	0	0	164	0	8	23,445	0	0	0	14				
15	2,084	673	0	1	0	26	74,438	949	10	71	0	89	0	8	24,216	0	0	0	15				
16	1,956	617	1	0	0	20	75,755	859	4	86	0	60	0	6	24,919	0	0	0	16				
17	1,780	590	0	1	1	23	76,930	740	4	119	0	16	0	8	25,512	0	0	0	17				
18	1,743	554	1	0	0	29	78,088	716	1	114	0	27	0	10	26,076	0	0	0	18				
19	1,761	554	1	0	0	37	79,256	727	0	87	0	52	0	13	26,651	0	0	0	19				
20	1,904	557	1	0	0	20	80,581	825	0	77	0	56	0	7	27,336	0	0	0	20				
21	1,945	590	1	0	0	10	81,924	853	0	69	0	64	0	3	28,053	0	0	0	21				
22	1,970	631	1	0	0	16	83,245	869	0	38	0	95	0	5	28,784	0	0	0	22				
23	1,856	945	1	0	0	11	84,143	791	0	0	0	133	0	4	29,438	0	0	0	23				
24	1,739	898	1	0	0	19	84,973	714	0	0	74	161	0	7	29,910	0	0	0	24				
25	1,598	842	1	0	0	19	85,708	627	0	0	161	182	0	7	30,187	0	0	0	25				
26	1,521	871	1	0	0	26	86,330	579	0	0	198	180	0	9	30,379	0	0	0	26				
27	1,453	869	1	0	0	27	86,885	538	2	0	245	190	0	10	30,470	0	0	0	27				
28	1,411	868	1	1	0	29	87,396	519	1	0	269	207	0	10	30,502	0	0	0	28				
29	1,352	818	1	0	0	30	87,898	491	0	0	289	221	0	10	30,473	0	0	0	29				
30	1,319	801	1	0	0	27	88,387	476	0	0	316	202	0	10	30,421	0	0	0	30				
31	917	808	1	2	0	10	88,483	443	0	0	313	200	0	3	30,348	332	0	0	31				
S.F.D.	53,939	21,782	22	19	2	552	88,483	24,574	228	661	1,865	4,315	8	176	30,348	332	0	0	332 S.F.D.				
AC.FT.	106,987	43,203	44	37	3	1,095	175,505	48,742	453	1,310	3,699	8,560	16	349	60,194	658	0	0	658 AC.FT.				
TOTAL ACRE-FOOT STORAGE DAYS																	4,536,964	TOTAL ACRE-FOOT STORAGE DAYS		1,414,845	TOTAL ACRE-FOOT STORAGE DAYS		658

REPORT OF THE KERN RIVER WATERMASTER

MARCH 1965

WATERMASTER NOTES * KERN RIVER BULLETIN**

TITLE OF COLUMN

COMMENT

PAGE NO.

DAYS

MONTH

BWSD FLOW - VIA KDWD

Reflects delivery of 206 a.i.d. (409 acre-feet) of 1965 State Pool Payback water.

BWSD FLOW - FRIANT-KERN EXCH.

BUENA VISTA WATER STORAGE DISTRICT Kern River water delivered above Friant-Kern outlet to Kern River channel, credited through exchange as delivery to Alternate 2nd Point.

2

1-14

March

2

15-22

March

1965 SNOW SURVEY DATA FOR KERN RIVER BASIN

SNOW COURSE	CAJIF. 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
Bighorn Plateau	250	11,350	21.9	2-03	68.7	31%	21.4	98%	SKNP
				2-23	64.0	35%	22.6	103%	DWR
				4-01	96.4	37%	35.3	161%	DWR
Cottonwood Pass	251	11,050	13.4	1-24	61.9	25%	15.4	115%	DWR
				2-21	52.3	34%	17.8	133%	DWR
				3-30	79.5	39%	30.5	228%	DWR
Siberian Pass	252	10,900	18.3	1-26	81.3	25%	20.5	112%	DWR
				2-21	64.6	34%	22.1	121%	DWR
				3-30	94.3	37%	34.8	190%	DWR
Crabtree Meadow	253	10,700	18.8	1-29	72.4	26%	18.8	100%	DWR
				2-25	59.9	33%	19.9	106%	DWR
				4-01	88.0	37%	32.8	174%	DWR
Guyot Flat	254	10,650	20.0	1-29	77.6	26%	20.5	102%	DWR
				2-25	65.4	35%	22.6	113%	DWR
				3-31	95.0	37%	35.3	177%	DWR
Tyndall Creek	255	10,650	18.3	2-03	63.8	29%	18.5	101%	SKNP
				2-23	61.7	36%	22.0	120%	DWR
				4-01	88.5	37%	32.5	178%	DWR
Sandy Meadow	275	10,650	18.3	1-28	76.5	25%	18.9	103%	DWR
				2-23	60.8	33%	20.3	111%	DWR
				4-01	88.3	37%	33.0	180%	DWR
Big Whitney Meadow	257	9,750	16.6	1-25	73.5	23%	16.9	102%	DWR
				2-27	55.3	35%	19.3	116%	DWR
				3-29	80.7	38%	30.5	184%	DWR
Rock Creek	256	9,600	17.2	1-29	72.3	27%	19.4	113%	DWR
				2-25	59.1	35%	20.4	119%	DWR
				3-31	85.0	38%	32.2	187%	DWR
Round Meadow	258	9,000	24.9	1-30	86.0	32%	27.9	112%	USFS
				2-24	77.2	40%	30.9	124%	USFS
				3-30	104.2	43%	44.4	178%	USFS
Flamehawk Meadow	259	8,700	11.3	1-31	50.6	28%	14.4	127%	DWR
				3-28	62.8	37%	23.3	206%	DWR
Little Whitney Meadow	260	8,500	13.5	1-31	63.5	29%	18.2	135%	DWR
				2-26	55.4	34%	19.0	141%	DWR
				3-28	74.8	35%	26.4	196%	DWR
Casa Vieja Meadow	262	8,400	19.6	1-31	64.9	36%	23.3	119%	USFS
				2-25	61.2	36%	22.0	112%	USFS
				3-31	82.5	41%	33.7	172%	USFS
Quinn Ranger Station	264	8,350	19.4	3-29	101.5	50%	51.0	263%	SKNP
Bonita Meadows	261	8,300	13.8	1-30	64.6	33%	21.3	154%	USFS
				2-24	54.8	38%	21.0	152%	USFS
				3-30	61.4	43%	26.6	193%	USFS
Beach Meadows	265	7,650	8.9	1-31	44.9	35%	15.5	174%	USFS
				2-24	36.8	39%	14.2	160%	USFS
				3-30	36.1	40%	14.5	163%	USFS

CALIFORNIA COOPERATIVE SNOW SURVEYS FORECAST as of APRIL 1, 1965 for KERN RIVER INFLOW TO ISABELLA RESERVOIR...
 April - July = 800,000 acre-feet (174% of Average) *** Water Year = 1,140,000 acre-feet (158% of Average)
 80 Percent Probability Range (Actual runoff should fall within the stated limits eight times out of ten)...
 April - July = 730,000 AcFt (158% of Average) to 890,000 AcFt (183% of Average) *** Water Year = 1,080,000 AcFt (151% of Average) to 1,250,000 AcFt (175% of Average)

Quantities in S.F.D. except where noted

APRIL 1995

REPORT OF THE KERN RIVER WATERMASTER

DAY	ELEVATION (FEET)	ISABELLA RESERVOIR		LOSS	FIRST POINT REGULATED FLOW	FLOW ABOVE 1ST FT.	CHANGE IN STORAGE		COMPUTED 1ST POINT NATURAL FLOW	MEAN TOTAL	STORAGE IRRIGATION	KERN COUNTY RECREATION POOL LOSS	SECOND POINT GROUP FLOW		FRONT-KERN INFLOW	DAY
		MIDNIGHT STORAGE	ACRE- FEET				S.F.D.	AT 2ND POINT					KERN RIVER			
Previous Day	2574.39	266,541	134,381	13	1,321	3	1,682	1,682	1,682	134,381	119,163	1	200	0	18	18
1	2574.49	267,325	134,776	20	1,328	3	1,746	1,763	1,763	134,793	119,575	1	200	0	18	1
2	2574.59	268,108	135,171	33	1,364	4	1,796	1,800	1,800	135,192	119,974	2	200	0	18	2
3	2574.69	268,895	135,568	44	1,413	4	1,858	1,854	1,854	135,585	120,367	3	205	0	18	3
4	2574.79	269,681	135,964	51	1,457	4	1,908	1,967	1,967	136,040	120,822	3	208	0	18	4
5	2574.91	270,629	136,442	44	1,610	4	2,136	2,035	2,035	136,417	121,199	3	212	0	18	5
6	2574.97	271,103	136,681	40	1,779	4	2,082	2,216	2,216	136,810	121,592	3	195	0	83	6
7	2575.11	272,210	137,239	56	1,834	3	2,451	2,307	2,307	137,224	122,006	4	216	0	100	7
8	2575.24	273,242	137,760	47	1,835	4	2,407	2,503	2,503	137,841	122,623	3	212	0	100	8
9	2575.43	274,752	138,521	51	1,834	4	2,650	2,512	2,512	138,464	123,246	3	214	0	100	9
10	2575.57	275,867	139,083	47	1,867	3	2,479	2,520	2,520	139,067	123,849	3	191	0	100	10
11	2575.67	276,666	139,486	66	1,959	4	2,432	2,515	2,515	139,553	124,335	4	191	0	105	11
12	2575.79	277,625	139,969	56	2,080	4	2,633	2,612	2,612	140,015	124,797	3	224	0	110	12
13	2575.92	278,668	140,495	47	2,194	3	2,770	2,749	2,749	140,520	125,302	3	241	0	110	13
14	2576.10	280,114	141,224	25	2,086	4	2,844	2,722	2,722	141,127	125,909	2	251	0	110	14
15	2576.26	281,402	141,874	27	1,871	4	2,552	2,549	2,549	141,774	126,556	2	268	0	110	15
16	2576.35	282,129	142,240	18	1,863	4	2,251	2,360	2,360	142,249	127,031	1	287	0	103	16
17	2576.42	282,696	142,526	41	1,946	4	2,277	2,177	2,177	142,435	127,217	2	236	0	100	17
18	2576.43	282,777	142,567	16	1,943	4	2,004	2,089	2,089	142,571	127,353	1	237	0	100	18
19	2576.46	283,020	142,689	36	1,853	4	2,015	1,954	1,954	142,632	127,414	2	224	0	103	19
20	2576.48	283,182	142,771	43	1,714	4	1,843	1,894	1,894	142,765	127,547	3	166	0	105	20
21	2576.50	283,344	142,853	41	1,696	5	1,824	1,807	1,807	142,830	127,612	2	140	0	105	21
22	2576.47	283,101	142,730	50	1,823	4	1,754	1,777	1,777	142,730	127,512	3	138	0	105	22
23	2576.42	282,696	142,526	62	1,892	4	1,754	1,797	1,797	142,569	127,351	4	154	0	105	23
24	2576.38	282,372	142,363	57	1,986	4	1,884	1,919	1,919	142,441	127,223	3	168	0	105	24
25	2576.37	282,291	142,322	50	2,105	4	2,118	2,197	2,197	142,479	127,261	3	166	0	105	25
26	2576.42	282,696	142,526	34	2,347	4	2,589	2,529	2,529	142,623	127,405	2	211	0	105	26
27	2576.51	283,423	142,893	41	2,468	5	2,881	2,866	2,866	142,975	127,757	2	246	0	105	27
28	2576.66	284,640	143,506	57	2,455	4	3,129	3,228	3,228	143,687	128,469	3	273	0	97	28
29	2576.96	287,082	144,737	53	2,384	4	3,672	3,491	3,491	144,737	129,519	3	286	0	95	29
30	2577.69	293,069	147,756	65	2,411	5	5,500	5,500	5,500	147,756	132,538	4	296	0	95	30
TOTAL SECOND FOOT DAYS				1,318	57,407	119	72,219	72,219	72,219	147,756	132,538	80	6,456	0	2,651	
TOTAL ACRE- FEET				2,614	113,965	237	143,244	143,244	143,244	293,069	262,885	159	12,805	0	5,259	

By: *[Signature]* Date: MAY 16, 1995

MONTH DAY(S) PAGE NO. TITLE OF COLUMN HACIENDA WATER DISTRICT ENTITLEMENT HACIENDA WATER DISTRICT FLOW - KERN WATER BANK

April 1 2 HACIENDA WATER DISTRICT ENTITLEMENT

April 17 2 HACIENDA WATER DISTRICT FLOW - KERN WATER BANK

COMMENT
Allocation of HACIENDA WATER DISTRICT April-July Entitlement beginning April 1, 1985 as set forth in paragraph 1 (c) of the 1962 Kern River Water Rights and Storage Agreement.
Reflects delivery of Lower River water to Kern Water Bank property as per terms of Bravo Management Company, Inc. letter dated April 17, 1985.

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	TYNDALE CREEK	WHITNEY CREEK	BIG MEADOW	ROCK CREEK	ROUND MEADOW	RAMSHAW MEADOWS	LITTLE WHITNEY MEADOW	CASA VIEJA MEADOWS	QUINN RANGER STATION	RONITA MEADOWS	BEACH MEADOWS	BASIN WIDE AVERAGE	A-J RUNOFF IN PERCENT OF AVERAGE
1946	-	3.6	6.6	-	-	12.8	12.7	4.9	-	18.5	4.4	5.2	10.6	14.6	10.5	6.8	6.6	52%	
1949	13.2	5.8	9.1	12.6	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	10.8	18.5	17.8	18.8	18.3	16.8	16.1	18.9	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	241%	
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	76%	
1954	22.0	11.8	18.0	18.0	18.0	18.8	18.7	15.7	18.3	29.2	12.2	17.0	23.5	21.3	15.4	10.1	17.8	78%	
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	48%	
1956	33.3	12.6	26.7	26.7	27.8	25.1	24.3	21.7	23.0	22.3	9.0	13.5	15.1	12.8	8.9	0.0	18.9	113%	
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	63%	
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	179%	
1959	10.3	5.7	9.7	8.0	9.7	7.9	9.5	8.4	6.5	6.0	5.8	6.8	8.4	5.7	1.8	0.0	7.0	26%	
1960	11.8	4.7	9.4	7.9	10.9	4.7	9.4	6.5	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	4.0	19%	
1962	37.4	27.0	31.8	33.7	35.5	32.8	31.4	30.7	30.6	40.5	0.0	0.0	32.1	35.3	27.6	21.3	32.0	111%	
1963	19.7	17.5	18.1	17.1	18.4	17.2	17.2	17.0	13.5	12.8	-	-	11.0	5.8	5.7	1.0	13.5	102%	
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	13.1	16.4	20.1	18.0	19.8	19.8	17.8	13.7	15.0	25.2	8.0	11.4	17.0	16.5	10.3	7.0	16.0	96%	
1966	25.8	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	10.6	14.5	3.0	25.5	186%	
1968	14.1	8.9	12.6	12.3	14.0	11.8	11.6	12.6	11.1	17.5	7.8	6.2	12.9	8.7	8.6	4.1	11.0	53%	
1969	55.3	41.1	48.4	48.5	50.6	48.3	48.6	45.0	45.8	69.8	38.1	46.1	61.4	59.8	50.2	36.8	48.5	375%	
1970	17.0	8.1	12.6	16.4	14.7	16.1	14.8	11.4	12.5	16.7	4.5	7.2	13.4	12.7	6.1	4.1	11.8	69%	
1971	15.7	9.7	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	53%	
1972	7.6	2.5	6.0	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	155%	
1974	25.4	13.2	20.8	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	115%	
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	83%	
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	3.5	3.1	10.8	2.1	0.0	-	2.0	3.6	0.0	3.7	21%	
1978	43.1	40.1	40.1	39.7	41.7	40.1	40.6	37.3	39.6	48.8	31.9	37.6	41.1	43.7	32.2	23.6	38.7	235%	
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	14.2	30.0	18.7	14.9	16.9	90%	
1980	40.9	29.4	34.4	34.3	35.1	35.7	35.7	29.5	25.0	21.6	27.4	27.4	30.0	36.7	18.7	16.2	30.2	213%	
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	24.8	23.2	24.3	24.3	26.3	20.3	23.7	31.0	15.2	19.0	29.2	29.2	23.0	11.6	23.0	171%	
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	30.8	44.0	332%	
1984	21.9	9.7	15.4	20.1	17.0	18.1	17.0	12.9	13.8	15.7	2.1	2.6	11.9	9.4	2.1	0.0	11.9	91%	
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	17.7	17.7	10.8	18.3	91%	
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	32.5	180%	
1987	11.3	7.6	8.9	9.3	11.5	8.2	11.0	7.8	8.1	15.8	6.3	8.3	9.8	17.3	9.0	1.3	9.5	45%	
1988	8.6	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	35%	
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	14.8	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	0.0	4.8	24%	
1991	19.1	14.1	17.5	14.1	18.9	17.1	17.2	15.1	17.0	24.7	11.6	14.8	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	36%	
1993	33.7	19.6	29.9	27.6	30.2	27.7	29.3	26.4	28.8	41.0	18.8	22.5	30.0	32.1	24.0	14.5	27.3	126%	
1994	13.4	6.7	11.3	12.1	13.8	11.2	11.5	8.8	10.6	14.3	5.9	7.9	10.2	10.2	7.9	3.2	9.7	41%	
1995	36.3	30.5	34.8	32.8	35.3	33.0	32.5	30.5	32.2	44.4	23.3	26.4	33.7	33.7	26.6	14.5	32.3	174%	
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	48.5	49.5	
MINIMUM	1.5	1.5	3.8	3.3	4.8	3.2	3.4	4.0	3.1	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.7	
AVERAGE	22.0	14.2	18.6	18.7	20.1	18.5	18.6	16.7	17.4	24.8	11.1	13.2	19.5	19.5	13.9	8.4	17.1	84	

(estimate)

Quantities in S.F.D. except where noted

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REPORT OF THE KERN RIVER WATERMASTER

DAY	ELEVATION (FEET)	ISABELLA RESERVOIR		LOSS	FIRST POINT REGULATED FLOW	FLOW ABOVE 1ST PT.	CHANGE IN STORAGE+LOSS		COMPUTED 1ST POINT NATURAL FLOW	MEAN TOTAL RECREATION POOL + DIED STORAGE = 15,216 S.F.D. (30.164 AC-FT)	STORAGE IRRIGATION	KERN COUNTY RECREATION POOL LOSS	SECOND POINT GROUP FLOW		FRONT-KERN INFLOW DAY
		MIDNIGHT STORAGE ACRES-FEET	S.F.D.				STORAGE+LOSS +1ST POINT	+FLOW ABOVE 1ST POINT					AT 2ND POINT KERN	FRONT-KERN	
Previous Day	2577.69	293,069	147,756	65	2,411	5	5,500	6,392	5,500	147,756	132,538	4	296	0	95
1	2578.61	300,710	151,608	89	2,446	5	6,261	6,392	6,261	151,477	136,259	5	333	0	95
2	2579.45	307,780	155,173	60	2,368	5	5,998	5,998	5,901	154,945	139,727	3	301	0	95
3	2580.14	313,652	158,133	46	2,300	6	5,312	5,312	5,387	157,980	142,762	2	235	0	67
4	2580.72	318,634	160,645	44	2,251	5	4,852	4,852	4,944	160,584	145,366	2	207	0	40
5	2581.26	323,308	163,001	47	2,259	5	4,667	4,667	4,577	162,850	147,632	2	259	0	40
6	2581.71	327,233	164,980	33	2,193	6	4,211	4,211	4,193	164,811	149,593	2	369	0	40
7	2582.05	330,212	166,482	18	2,176	6	3,702	3,702	3,830	166,441	151,223	1	371	0	40
8	2582.35	332,854	167,814	23	2,217	6	3,578	3,578	3,571	167,766	152,548	1	381	0	40
9	2582.60	335,064	168,928	43	2,271	5	3,433	3,433	3,531	168,978	153,760	2	337	0	18
10	2582.85	337,282	170,046	53	2,405	5	3,581	3,581	3,611	170,126	154,908	3	353	0	0
11	2583.13	339,774	171,303	102	2,454	6	3,819	3,819	3,811	171,375	156,157	5	304	0	0
12	2583.46	342,725	172,791	51	2,488	5	4,032	4,032	3,990	172,821	157,603	2	342	0	0
13	2583.82	345,956	174,420	3	2,482	6	4,120	4,120	3,993	174,323	159,105	0	373	0	0
14	2584.10	348,482	175,693	78	2,471	5	3,827	3,827	3,847	175,616	160,398	4	431	0	0
15	2584.38	351,017	176,971	29	2,283	5	3,595	3,595	3,576	176,875	161,657	1	477	0	0
16	2584.70	353,925	178,437	37	1,796	6	3,305	3,305	3,317	178,353	163,135	2	410	0	150
17	2584.99	356,572	179,772	21	1,690	6	3,052	3,052	3,143	179,779	164,561	1	399	0	400
18	2585.25	358,953	180,972	63	1,805	6	3,074	3,074	3,145	181,050	165,832	3	392	64	540
19	2585.53	361,524	182,268	66	1,941	6	3,309	3,309	3,362	182,399	167,181	3	417	87	537
20	2585.87	364,661	183,850	72	2,044	6	3,704	3,704	3,678	183,955	168,737	3	433	89	470
21	2586.27	368,368	185,719	58	2,087	6	4,020	4,020	4,012	185,816	170,598	2	435	90	445
22	2586.72	372,564	187,834	45	2,146	5	4,311	4,311	4,244	187,864	172,646	2	439	76	433
23	2587.19	376,969	190,055	35	2,138	6	4,400	4,400	4,365	190,050	174,832	1	399	69	394
24	2587.64	381,211	192,194	57	2,183	6	4,385	4,385	4,331	192,135	176,917	2	385	29	331
25	2588.04	385,001	194,105	60	2,231	7	4,209	4,209	4,175	194,012	178,794	2	386	21	315
26	2588.38	388,239	195,737	90	2,203	6	3,931	3,931	4,054	195,767	180,549	4	393	16	315
27	2588.75	391,778	197,522	57	2,173	7	4,022	4,022	4,036	197,566	182,348	2	395	10	315
28	2589.13	395,426	199,361	69	2,240	6	4,154	4,154	4,141	199,392	184,174	3	407	0	345
29	2589.49	398,900	201,112	91	2,398	6	4,246	4,246	4,284	201,181	185,963	3	415	0	365
30	2589.85	402,387	202,870	103	2,586	6	4,453	4,453	4,394	202,870	187,652	4	507	0	415
31	2590.25	406,282	204,834	95	2,827	6	4,892	4,892	4,892	204,834	189,616	4	620	2	410
				1,738	69,592	178	128,586	128,586	128,586	204,834	189,616	76	11,905	553	6,655
TOTAL SECOND FOOT DAYS				3,447	138,034	353	255,046	255,046	255,046	406,282	376,098	151	23,613	1,097	13,199

By: *[Signature]* Date: JUNE 21, 1985

Quantities in S.F.D. except where noted

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REPORT OF THE KERN RIVER WATERMASTER

NORTH KERN WATER STORAGE DISTRICT															BUENA VISTA WATER STORAGE DISTRICT															HACIENDA WATER DISTRICT														
FLOW ABOVE FIRST POINT KERN VALLEY					FLOW ABOVE FIRST POINT CARMEL					FLOW ABOVE FIRST POINT L _a OLCESE HACIENDA					RESERVOIR STORAGE					ENTIREMENT Contributed by:					RESERVOIR STORAGE																			
ENTL AT 1ST	FLOW AT 1ST	POINT	MIN	COURSE	RESERVOIR	LOSS	STORAGE	AT 2ND	VIA	PIONEER	FOR	AT 2ND	OLCESE	HACIENDA	WD	INC.	LOSS	STORAGE	CONTRIBUTED BY:	RESERVOIR	LOSS	STORAGE	CONTRIBUTED BY:	RESERVOIR	LOSS	STORAGE	CONTRIBUTED BY:	RESERVOIR	LOSS	STORAGE														
DAY	POINT	POINT	POINT	POINT	POINT	POINT	POINT	POINT	KDWD	BANKING	KCWA	POINT	POINT	POINT	WD	INC.	POINT	POINT	POINT	POINT	POINT	POINT	POINT	POINT	POINT	POINT	POINT	POINT	POINT	POINT	POINT													
1	2,939	1,704	1	1	45	91,713	1,994	29	0	0	0	296	1	2	17	34,869	469	98	582	36,818	17	34,869	469	98	582	36,818	17	34,869	469	98	582													
2	3,224	1,729	1	0	62	93,145	2,329	20	0	0	0	333	2	2	23	36,818	582	126	548	38,635	23	36,818	582	126	548	38,635	23	36,818	582	126	548													
3	3,070	1,692	1	0	41	94,481	2,164	26	0	0	0	301	2	2	16	38,635	548	119	500	40,264	16	38,635	548	119	500	40,264	16	38,635	548	119	500													
4	2,849	1,664	1	1	31	95,633	1,929	24	24	0	0	235	2	2	13	40,264	500	109	459	41,687	13	40,264	500	109	459	41,687	13	40,264	500	109	459													
5	2,659	1,662	1	0	30	96,599	1,726	17	63	0	0	207	2	2	12	41,687	459	100	425	42,886	12	41,687	459	100	425	42,886	12	41,687	459	100	425													
6	2,501	1,545	1	0	32	97,522	1,558	19	64	0	0	259	2	2	13	42,886	425	93	389	43,806	13	42,886	425	93	389	43,806	13	42,886	425	93	389													
7	2,336	1,387	1	0	21	98,449	1,363	20	59	0	0	369	3	2	10	43,806	389	85	356	44,575	10	43,806	389	85	356	44,575	10	43,806	389	85	356													
8	2,175	1,378	1	1	12	99,232	1,222	13	60	0	0	371	2	2	5	44,575	356	77	332	45,085	5	44,575	356	77	332	45,085	5	44,575	356	77	332													
9	2,058	1,410	1	0	15	99,864	1,109	19	60	127	381	337	2	3	7	45,085	332	72	328	45,405	7	45,085	332	72	328	45,405	7	45,085	332	72	328													
10	2,040	1,446	1	0	28	100,429	1,092	35	62	321	337	353	2	2	13	45,405	328	71	335	45,702	13	45,405	328	71	335	45,702	13	45,405	328	71	335													
11	2,076	1,524	1	0	34	100,946	1,127	33	76	348	353	353	2	2	16	45,702	335	73	354	46,101	16	45,702	335	73	354	46,101	16	45,702	335	73	354													
12	2,167	1,604	1	1	67	101,440	1,213	26	105	345	304	304	2	2	30	46,101	354	77	370	46,555	30	46,101	354	77	370	46,555	30	46,101	354	77	370													
13	2,249	1,600	1	0	33	102,055	1,290	19	113	343	342	342	2	2	15	46,555	370	81	371	46,995	15	46,555	370	81	371	46,995	15	46,555	370	81	371													
14	2,289	1,565	1	1	2	102,735	1,292	14	110	350	373	373	2	2	1	46,995	371	81	357	47,313	1	46,995	371	81	357	47,313	1	46,995	371	81	357													
15	2,183	1,531	1	0	51	103,335	1,229	8	106	339	431	431	2	2	23	47,313	357	78	332	47,522	23	47,313	357	78	332	47,522	23	47,313	357	78	332													
16	2,060	1,393	1	0	18	103,983	1,112	9	111	293	477	477	2	2	9	47,522	332	72	308	47,896	9	47,522	332	72	308	47,896	9	47,522	332	72	308													
17	1,938	1,182	1	0	24	104,714	1,004	8	46	150	410	410	3	2	11	47,896	308	67	292	48,415	11	47,896	308	67	292	48,415	11	47,896	308	67	292													
18	1,855	1,286	2	0	14	105,267	933	5	0	0	399	399	2	2	6	48,415	292	63	292	48,928	6	48,415	292	63	292	48,928	6	48,415	292	63	292													
19	1,856	1,407	1	1	41	105,673	933	6	0	0	392	392	2	2	18	48,928	292	64	406	50,044	18	48,928	292	64	406	50,044	18	48,928	292	64	406													
20	1,960	1,463	2	0	43	106,125	1,022	10	51	0	417	417	2	2	21	50,044	342	74	403	50,786	21	50,044	342	74	403	50,786	21	50,044	342	74	403													
21	2,106	1,508	1	1	46	106,675	1,156	17	86	0	433	433	2	2	21	50,786	342	74	373	51,640	21	50,786	342	74	373	51,640	21	50,786	342	74	373													
22	2,257	1,549	2	0	37	107,344	1,301	16	87	0	435	435	2	2	17	51,640	394	86	394	52,622	17	51,640	394	86	394	52,622	17	51,640	394	86	394													
23	2,358	1,611	1	0	29	108,061	1,406	12	84	0	439	439	2	2	13	52,622	406	88	406	53,593	13	52,622	406	88	406	53,593	13	52,622	406	88	406													
24	2,409	1,672	2	0	22	108,774	1,462	17	50	0	399	399	2	2	10	53,593	403	87	403	54,496	10	53,593	403	87	403	54,496	10	53,593	403	87	403													
25	2,394	1,729	1	0	36	109,402	1,447	16	53	0	385	385	2	3	17	54,496	388	84	388	55,329	17	54,496	388	84	388	55,329	17	54,496	388	84	388													
26	2,328	1,781	2	1	37	109,909	1,375	16	48	0	386	386	2	2	18	55,329	376	82	376	56,144	18	55,329	376	82	376	56,144	18	55,329	376	82	376													
27	2,276	1,748	1	0	56	110,390	1,320	17	45	0	393	393	3	2	27	56,144	376	82	375	56,965	27	56,144	376	82	375	56,965	27	56,144	376	82	375													
28	2,268	1,697	2	1	35	110,913	1,312	17	64	0	395	395	2	2	17	56,965	384	84	384	57,822	17	56,965	384	84	384	57,822	17	56,965	384	84	384													
29	2,314	1,727	1	1	42	111,456	1,359	24	82	0	407	407	2	2	21	57,822	398	86	398	58,624	21	57,822	398	86	398	58,624	21	57,822	398	86	398													
30	2,375	1,862	2	0	55	111,912	1,425	39	82	0	415	415	2	2	28	58,624	407	89	407	59,500	28	58,624	407	89	407	59,500	28	58,624	407	89	407													
31	2,418	1,954	1	1	62	112,312	1,470	35	90	0	507	507	2	2	32	59,500	454	99	454	60,410	32	59,500	454	99	454	60,410	32	59,500	454	99	454													
32	2,636	2,033	2	0	58	112,855	1,703	42	132	0	620	620	2	2	29	60,410	454	99	454	61,340	29	60,410	454	99	454	61,340	29	60,410	454	99	454													
S.F.D.	71,644	49,399	39	10	1,114	112,855	42,403	599	2,013	2,616	11,905	65	64	510	59,500	11,942	2,597	11,942	2,597	61,340	510	59,500	11,942	2,597	11,942	61,340	510	59,500	11,942	2,597	11,942													
AC.F.T.	142,103	97,864	77	19	2,209	223,845	84,105	1,188	3,993	5,188	23,613	129	128	1,012	118,016	23,687	5,151	23,687	5,151	118,016	1,012	118,016	23,687	5,151	23,687	118,016	1,012	118,016	23,687	5,151	23,687													
TOTAL ACRES-FOOT STORAGE DAYS															TOTAL ACRES-FOOT STORAGE DAYS															TOTAL ACRES-FOOT STORAGE DAYS														
6,409,822															2,998,217															672,418														

WATERMASTER NOTES *** KERN RIVER BULLETIN

MONTH	DAY(S)	PAGE NO.	TITLE OF COLUMN	COMMENT
May	1-31	1	FRIANT-KERN INFLOW	Reflects Friant-Kern inflow to Kern River channel as per terms of Contract for Temporary Water Service between the Bureau of Reclamation and Kern County Water Agency (12,506 acre-feet) and the Bureau of Reclamation and Rosedale-Rio Bravo WSD (683 acre-feet).
May	3	2	BWSD FLOW - PIONEER BANKING	Delivered as per terms of BUENA VISTA WATER STORAGE DISTRICT/Kern County Water Agency Pioneer Project Banking letter agreement dated May 2, 1985.
May	8	2	BWSD FLOW - FOR KCWA	Delivered as per terms of BUENA VISTA WATER STORAGE DISTRICT/Kern County Water Agency Kern River/State Water Project 1985 Exchange agreement dated May 31, 1985.

HISTORICAL INFLOWS TO LAKE ISABELLA
Runoff in 1,000 acre-feet

WATER YEAR ENDING	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL TOTAL
1955	11.8	14.4	16.0	18.1	22.7	28.1	35.1	67.0	89.4	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	17.0	15.7	15.1	16.4	25.3	30.3	38.5	78.1	131.8	41.0	18.4	12.5	438.7
1958	13.6	13.3	17.6	20.0	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	18.3	21.2	31.7	38.5	39.4	38.0	15.8	9.9	9.8	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	23.0	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	11.0	11.1	28.5	90.6	41.0	67.6	134.0	162.3	102.6	42.2	26.5	737.9
1964	24.5	23.6	21.5	18.2	16.6	22.7	39.6	60.0	52.3	22.0	13.9	8.6	323.1
1965	8.7	13.9	44.2	43.5	30.2	35.2	74.5	131.0	148.9	94.9	50.7	22.0	698.7
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	398.7
1967	9.5	13.7	289.0	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	65.1	28.4	18.4	11.3	489.3
1969	12.8	15.3	17.1	159.4	93.4	133.9	337.4	597.5	485.6	238.0	93.8	44.3	2228.3
1970	33.3	32.4	30.9	61.8	39.0	58.9	82.1	109.8	92.7	49.2	22.7	13.4	604.2
1971	12.7	18.8	28.8	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	262.5	228.5	91.8	36.9	18.8	912.5
1974	18.8	20.4	25.1	45.8	28.1	66.8	106.1	182.2	166.7	88.6	37.8	20.4	788.4
1975	18.1	17.6	20.6	21.1	25.3	36.0	43.9	142.8	136.8	50.3	22.4	18.2	558.0
1976	15.1	14.7	15.6	14.8	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	12.8	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	362.2	351.9	186.1	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	139.7	159.4	190.7	204.1	294.4	274.9	198.9	99.9	35.1	1550.2
1981	27.1	24.9	28.0	25.9	43.6	43.6	67.5	90.8	65.7	25.5	15.8	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	485.9	567.1	285.8	152.5	61.0	2318.3
1984	40.9	65.9	83.6	99.1	55.0	77.3	88.0	159.4	90.7	72.4	45.6	26.9	890.8
1985	26.2	33.0	35.6	36.7	37.0	48.5	133.6	147.4	100.4	36.7	23.4	18.7	678.8
1986	15.1	20.0	30.4	38.9	143.6	196.6	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	395.3
1988	10.6	14.3	15.5	22.0	19.1	29.0	38.8	58.4	42.8	21.5	13.4	10.2	298.2
1989	8.9	9.9	14.6	15.4	22.8	64.0	90.2	68.4	48.4	22.1	12.3	10.2	366.4
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	7.9	7.8	9.6	8.5	44.2	55.2	78.9	100.7	37.9	14.1	11.1	393.9
1992	9.4	12.7	11.6	12.7	20.0	24.8	54.2	74.7	33.3	18.3	11.7	7.5	288.7
1993	9.8	11.5	13.4	36.1	35.8	90.1	131.8	202.9	163.8	88.0	34.8	18.1	833.9
1994	13.4	14.1	17.1	18.3	22.8	38.1	46.3	68.4	56.9	20.8	11.2	9.1	336.0
MEAN	17.0	19.0	31.8	35.9	42.4	58.5	90.2	149.9	138.5	70.4	32.7	20.0	705.2

Quantities in S.F.D. except where noted

DAY	ELEVATION (FEET)	ISABELLA RESERVOIR		LOSS	FIRST POINT REGULATED FLOW	FLOW ABOVE 1ST PT.	CHANGE IN STORAGE+LOSS		COMPUTED 1ST POINT NATURAL FLOW	MEAN TOTAL RECREATION POOL+DEAD STORAGE = 15,218 S.F.D. (20,184 ACFT)	KERN COUNTY RECREATION POOL LOSS	SECOND POINT GROUP FLOW		FRONT-KERN INFLOW
		MIDNIGHT STORAGE	RESERVOIR STORAGE				STORAGE	AT 2ND POINT						
Previous Day	2590.25	406,282	204,834	95	2,827	6	4,892	4,892	204,834	4	620	2	410	
1	2590.86	410,290	206,855	89	2,942	7	5,059	5,059	191,637	3	650	0	390	
2	2591.04	414,022	208,736	66	2,965	8	4,920	4,967	193,565	2	684	0	390	
3	2591.48	418,367	210,927	98	2,764	8	5,061	5,064	195,759	4	707	0	443	
4	2591.95	423,031	213,278	99	2,752	8	5,210	5,325	198,225	3	694	0	475	
5	2592.53	428,818	216,196	91	2,687	8	5,704	5,479	200,918	3	582	0	475	
6	2593.09	434,445	219,033	73	2,605	8	5,523	5,415	203,647	2	537	0	503	
7	2593.57	439,295	221,478	28	2,537	8	5,018	4,994	206,068	1	522	0	494	
8	2593.91	442,748	223,219	101	2,590	8	4,440	4,471	207,840	3	524	0	513	
9	2594.16	445,294	224,503	111	2,554	7	3,956	4,145	209,313	4	528	0	530	
10	2594.44	448,154	225,944	124	2,465	8	4,038	4,179	210,895	4	558	0	616	
11	2594.79	451,740	227,752	140	2,586	8	4,542	4,586	212,747	5	583	0	655	
12	2595.22	456,168	229,985	134	2,803	8	5,178	5,130	214,932	4	552	0	518	
13	2595.70	461,132	232,488	141	3,017	8	5,669	5,458	217,224	4	578	0	383	
14	2596.11	465,393	234,636	129	3,242	8	5,527	5,452	219,297	4	614	0	258	
15	2596.43	468,732	236,319	50	3,420	8	5,161	5,185	221,004	2	653	0	96	
16	2596.72	471,768	237,850	70	3,257	8	4,866	4,816	222,485	2	650	0	11	
17	2596.97	474,383	239,173	95	2,995	9	4,422	4,441	223,827	3	667	0	172	
18	2597.15	476,286	240,128	118	2,953	9	4,035	4,066	224,813	4	670	0	310	
19	2597.27	477,549	240,764	111	2,987	8	3,742	3,833	225,540	3	689	0	310	
20	2597.37	478,605	241,297	137	3,042	9	3,721	3,766	226,118	4	675	0	312	
21	2597.45	479,451	241,723	125	3,277	8	3,836	3,819	226,527	4	645	0	113	
22	2597.47	479,663	241,830	128	3,656	9	3,900	4,073	226,807	4	687	0	13	
23	2597.57	480,718	242,362	144	3,800	8	4,484	4,452	227,307	4	743	0	12	
24	2597.78	482,942	243,483	160	3,684	8	4,973	5,015	228,470	5	653	0	10	
25	2598.10	486,341	245,197	157	3,710	8	5,589	5,495	230,090	5	602	0	11	
26	2598.47	490,285	247,185	123	3,802	9	5,922	5,755	231,911	4	553	0	8	
27	2598.80	493,813	248,964	155	3,812	8	5,754	5,803	233,739	5	501	0	0	
28	2599.09	496,925	250,533	172	3,982	9	5,732	5,819	235,395	5	574	0	0	
29	2599.46	500,910	252,542	163	3,791	8	5,971	5,891	237,324	5	570	0	0	
30	2599.84	505,016	254,612	173	3,582	8	5,833	5,833	239,394	5	459	0	13	
TOTAL SECOND FOOT DAYS				3,505	94,259	244	147,786	147,786	239,394	110	18,304	0	8,034	
TOTAL ACRE-FEET				6,952	186,960	485	293,129	293,129	505,016	474,832	218	36,306	0	15,936

By:  Date: JULY 24, 1995

NORTH KERN WATER STORAGE DISTRICT

BUENA VISTA WATER STORAGE DISTRICT

HACENDA WATER DISTRICT

DAY	FLOW ABOVE FIRST POINT				FLOW VIA PIONEER PROPERTY				FLOW ABOVE FIRST POINT				ENTITLEMENT Contributed by:				FLOW KERN					
	ENTL POINT	AT 1ST POINT	VALLEY GOLF COURSE	RESERVOIR LOSS STORAGE	ENTL AT 2ND POINT	VIA KDWL	VIA CWD	RRBWSL	VIA IRRIG.	BANKING	FOR KCWA	AT 2ND POINT	OLCSE HACIENDA INC.	CARMEL	RESERVOIR LOSS STORAGE	NAWMSL	BVMSL	WATER BANK	RESERVOIR LOSS STORAGE			
1	2,636	2,033	2	58	1,703	42	0	0	0	132	0	620	2	29	59,500	454	99	0	8	17,261		
2	2,573	2,080	1	53	1,739	50	0	0	0	51	95	650	3	28	60,360	605	142	16	8	17,984		
3	2,536	2,064	2	39	1,697	51	0	0	0	39	75	684	3	21	61,181	594	140	52	6	18,660		
4	2,575	1,958	1	58	1,741	43	0	0	0	21	5	707	4	31	62,109	605	143	30	9	19,369		
5	2,742	2,034	1	53	1,858	34	0	0	0	10	0	694	3	31	63,192	637	150	31	9	20,116		
6	2,717	2,023	2	43	1,928	23	0	0	0	16	0	582	4	29	64,464	655	154	32	9	20,884		
7	2,547	1,939	1	16	1,898	30	0	0	0	34	0	537	3	23	65,766	647	153	15	7	21,662		
8	2,335	1,921	2	67	1,709	36	0	6	0	43	0	522	4	9	66,862	597	141	0	3	22,397		
9	2,205	1,872	1	53	1,475	63	0	9	0	49	0	524	3	33	67,659	535	126	30	11	23,017		
10	2,219	1,792	2	70	1,432	59	0	11	0	35	0	528	3	36	68,299	495	117	35	12	23,582		
11	2,381	1,858	1	80	1,343	58	0	12	10	72	0	558	4	40	68,923	499	118	0	14	24,185		
12	2,601	1,948	2	75	1,527	51	0	12	10	60	32	583	3	45	69,671	549	129	0	15	24,848		
13	2,734	2,047	1	79	1,771	42	0	11	15	72	50	552	4	46	70,679	614	144	142	15	25,449		
14	2,731	2,083	2	72	1,918	35	0	14	15	72	50	578	4	46	71,784	652	154	209	16	26,030		
15	2,624	2,015	2	61	1,916	48	0	14	15	32	239	614	3	42	72,690	652	153	197	15	26,623		
16	2,475	1,840	2	28	1,629	50	0	13	15	30	449	653	3	16	73,256	620	146	197	6	27,186		
17	2,324	1,715	2	53	1,461	57	0	14	15	22	292	667	3	31	73,990	531	125	213	11	28,128		
18	2,173	1,719	2	65	1,292	45	0	14	15	16	255	670	3	39	74,222	486	115	219	14	28,496		
19	2,075	1,761	2	61	1,192	51	0	12	15	18	226	689	4	36	74,361	458	108	215	14	28,833		
20	2,046	1,781	2	75	1,164	45	81	12	15	20	180	675	3	45	74,446	450	106	233	17	29,139		
21	2,068	1,774	2	68	1,187	32	206	11	15	24	273	645	4	41	74,380	457	107	297	16	29,390		
22	2,175	1,939	2	70	1,296	31	214	15	15	23	515	687	3	42	74,128	487	115	217	16	29,759		
23	2,327	2,006	2	79	1,467	32	221	21	15	25	573	743	3	47	73,912	533	125	164	18	30,235		
24	2,555	1,998	2	87	1,719	29	221	12	15	25	533	653	3	52	74,086	600	141	198	21	30,757		
25	2,749	2,033	2	86	1,934	16	216	17	15	34	534	602	4	51	74,529	657	155	243	20	31,306		
26	2,854	2,140	2	67	1,248,899	2,051	10	15	26	553	553	553	3	40	75,149	688	162	277	16	31,863		
27	2,873	2,158	2	84	1,255,288	2,073	17	218	25	23	563	501	4	50	75,804	694	163	292	21	32,407		
28	2,879	2,327	2	94	1,259,983	2,080	23	225	8	20	558	574	3	55	76,396	696	164	228	23	33,016		
29	2,909	2,207	2	88	1,265,955	2,112	27	226	12	25	438	570	4	53	77,135	704	166	270	22	33,594		
30	2,884	2,360	2	93	1,272,023	2,087	39	220	12	25	204	459	3	56	78,142	698	164	203	24	34,229		
S.F.D.	75,566	59,375	53	16	1,954	1,175	2,266	307	330	912	7,141	18,304	101	74	1,135	78,142	17,671	4,162	4,449	416	34,229	
AC.FT.	149,883	117,768	105	32	3,876	251,948	99,941	2,330	609	654	1,809	44,164	36,306	201	147	2,251	154,992	35,050	8,255	8,825	825	67,892
																			TOTAL ACRE-FOOT STORAGE DAYS	4,227,187	TOTAL ACRE-FOOT STORAGE DAYS	1,598,142

TOTAL ACRE-FOOT STORAGE DAYS 7,161,854

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 County Water Agency (15,482 acre-feet) and Arvin-Edison WSD/Kern Delta Water District (454 acre-feet).
June	7	2	BWSD FLOW - VIA RBWSD	Delivered as per terms of Henry Miller Water District/Rosedale Rio Bravo WSD letter agreement dated May 31, 1995.
June	10	2	BWSD FLOW - VIA PIONEER PROPERTY (IRRIG.)	Delivered as per terms of BUENA VISTA WATER STORAGE DISTRICT/Kern County Water Agency letter agreement dated July 31, 1995.

ISABELLA RESERVOIR

HISTORICAL QUANTITIES OF MAXIMUM & MINIMUM STORAGE WITH DATE OF OCCURRENCE, CARRYOVER STORAGE & EVAPORATION LOSS
ACRE-FEET

Year	Maximum Annual Storage	Date of Occurrence	Minimum Annual Storage	Date of Occurrence	December 31 Carryover Storage	Annual Evaporation Loss
1954	85,380	June 9	0	April 18, 1954	8,870	10,129
1955	76,587	December 31	4,350	April 21	76,587	7,558
1956	283,033	June 30	79,823	January 1	130,313	33,616
1957	183,979	June 20	101,074	December 14	101,413	27,379
1958	455,182	June 28	100,947	January 23	198,112	40,519
1959	207,674	May 21	71,344	December 19	71,608	29,258
1960	119,253	May 19	29,119	December 31	28,119	16,683
1961	53,098	June 17	17,410	November 19	17,524	10,847
1962	173,675	June 28	17,448	January 11	82,849	23,530
1963	369,890	June 28	82,190	January 28	170,043	37,218
1964	203,628	June 7	94,497	December 18	118,303	28,540
1965	289,937	July 9	117,117	March 23	171,193	32,290
1966	337,369	December 21	81,941	November 27	313,256	31,288
1967	536,688	July 20	196,282	December 14	194,937	42,655
1968	281,183	June 6	119,349	December 7	124,480	31,405
1969	578,116	July 14	124,283	January 12	223,535	45,760
1970	327,771	June 10	156,517	November 24	172,038	40,891
1971	240,996	June 22	120,161	November 25	122,040	33,878
1972	126,754	June 11	50,030	October 16	55,586	22,800
1973	399,446	June 29	55,449	January 7	205,948	43,411
1974	475,881	June 23	201,710	March 1	223,930	53,836
1975	346,685	June 17	189,893	December 17	170,190	46,169
1976	171,617	January 28	67,668	December 29	67,701	30,250
1977	82,347	June 18	34,504	December 16	43,820	19,366
1978	491,451	July 16	44,060	January 1	244,904	55,497
1979	442,035	June 11	208,832	December 30	208,788	51,942
1980	585,381	July 3	208,224	January 7	229,813	57,335
1981	312,456	June 7	168,907	December 27	168,210	47,541
1982	560,053	June 26	168,864	January 1	281,558	54,193
1983	630,825	July 6	260,010	January 9	311,844	55,001
1984	407,745	June 7	244,755	December 15	244,979	52,220
1985	368,821	June 13	189,823	November 23	196,516	49,831
1986	562,134	June 16	195,579	January 1	244,085	61,827
1987	278,266	June 7	142,861	December 1	143,410	42,029
1988	158,189	June 6	72,638	December 9	73,545	27,004
1989	184,901	June 1	71,111	February 9	85,978	33,497
1990	97,420	June 12	45,895	December 18	46,014	22,423
1991	175,558	June 19	45,300	February 27	69,854	28,106
1992	153,942	June 5	82,080	December 28	82,262	29,118
1993	416,982	June 29	82,189	January 1	242,525	46,578
1994	262,332	June 6	115,482	December 24	115,565	38,343
1995	551,821	July 19	115,482	January 3	146,599	36,433
Average						

Quantities in S.F.D. except where noted

JULY 1995

REPORT OF THE KERN RIVER WATERMASTER

DAY	ISABELLA		RESERVOIR		LOSS	FIRST POINT REGULATED FLOW	FLOW ABOVE 1ST PT.	CHANGE IN STORAGE+LOSS		COMPUTED 1ST POINT NATURAL FLOW	MEAN TOTAL	STORAGE		KERN COUNTY RECREATION POOL LOSS	SECOND POINT		FRONT-KERN INFLOW DAY
	ELEVATION (FEET)	MIDNIGHT ACRE-FEET	STORAGE S.F.D.	STORAGE				+1ST POINT	+FLOW ABOVE			IRRIGATION	Dead Storage		RIVER	AT 2ND POINT	
Previous Day	2599.84	505,016	254,612	173		3,582	8	5,833	5,833	5,833	254,612	239,394	5	459	0	13	
1	2600.23	509,249	256,747	189		3,329	9	5,662	5,667	5,567	256,652	241,434	5	409	0	113	
2	2600.59	513,168	258,722	183		3,210	10	5,378	5,432	5,432	258,681	243,463	5	357	0	113	
3	2600.95	517,105	260,707	201		3,061	9	5,256	5,345	5,345	260,755	245,537	6	284	0	113	
4	2601.37	521,713	263,030	159		2,909	9	5,400	5,351	5,351	263,029	247,811	4	202	0	113	
5	2601.78	526,231	265,308	178		2,932	9	5,397	5,446	5,446	265,356	250,138	5	203	0	113	
6	2602.20	530,880	267,652	182		3,005	10	5,541	5,424	5,424	267,583	252,365	5	188	0	127	
7	2602.57	534,989	269,724	154		3,098	9	5,333	5,312	5,312	268,634	254,416	4	241	0	133	
8	2602.88	538,445	271,466	180		3,130	10	5,062	5,295	5,295	271,609	256,391	5	294	0	133	
9	2603.26	542,694	273,608	188		3,151	9	5,490	5,295	5,295	273,556	258,338	5	307	0	133	
10	2603.60	546,512	275,533	206		3,192	9	5,332	5,063	5,063	275,242	260,024	5	307	0	133	
11	2603.79	548,649	276,611	193		3,177	9	4,457	4,510	4,510	276,373	261,155	5	266	0	123	
12	2603.87	549,552	277,066	164		3,113	10	3,742	3,812	3,812	276,898	261,680	4	232	0	118	
13	2603.87	549,552	277,066	135		3,084	9	3,238	3,401	3,401	277,061	261,843	4	218	0	143	
14	2603.86	549,439	277,009	153		3,116	10	3,222	3,249	3,249	277,031	261,813	4	248	0	155	
15	2603.84	549,213	276,895	174		3,218	9	3,287	3,316	3,316	276,946	261,728	5	222	0	155	
16	2603.84	549,213	276,895	109		3,319	9	3,437	3,505	3,505	277,014	261,796	3	226	0	188	
17	2603.89	549,777	277,179	135		3,364	9	3,792	3,934	3,934	277,440	262,222	4	223	0	172	
18	2604.08	551,921	278,260	164		3,317	10	4,572	3,967	3,967	277,916	262,698	4	227	0	135	
19	2604.08	551,921	278,260	186		3,341	9	3,536	3,759	3,759	278,139	262,921	5	237	0	92	
20	2604.00	551,020	277,806	182		3,430	10	3,168	3,283	3,283	277,800	262,582	5	229	0	58	
21	2603.94	550,342	277,464	182		3,297	9	3,146	3,152	3,152	277,464	262,246	5	280	0	50	
22	2603.93	550,229	277,407	178		3,011	10	3,142	3,015	3,015	277,280	262,062	5	259	0	186	
23	2603.85	549,326	276,952	178		3,026	9	2,758	2,870	2,870	276,937	261,719	5	235	0	255	
24	2603.75	548,201	276,385	163		3,105	10	2,711	2,660	2,660	276,319	261,101	4	241	0	152	
25	2603.60	546,512	275,533	171		3,183	10	2,512	2,547	2,547	275,502	260,284	5	255	0	100	
26	2603.41	544,378	274,457	163		3,321	10	2,418	2,426	2,426	274,434	259,216	4	301	0	66	
27	2603.20	542,024	273,271	188		3,337	10	2,349	2,483	2,483	273,382	258,164	5	289	0	50	
28	2603.06	540,456	272,480	184		3,279	9	2,681	2,581	2,581	272,491	257,273	5	272	0	50	
29	2602.94	539,116	271,804	191		3,188	9	2,712	2,673	2,673	271,776	256,558	5	300	0	83	
30	2602.82	537,775	271,128	184		3,109	10	2,627	2,655	2,655	271,128	255,910	5	296	0	100	
31	2602.66	535,992	270,229	198		3,226	9	2,534	2,534	2,534	270,229	255,011	5	321	0	100	
TOTAL SECOND FOOT DAYS					5,395	90,588	292	119,892	119,892	119,892	270,229	255,011	145	8,169	0	3,755	
TOTAL ACRE- FEET					10,701	195,546	580	237,802	237,802	237,802	535,992	505,808	288	16,203	0	7,448	

By:  Date: AUGUST 24, 1995

REPORT OF THE KERN RIVER WATERMASTER

NORTH KERN WATER STORAGE DISTRICT

BUENA VISTA WATER STORAGE DISTRICT

HACIENDA WATER DISTRICT

DAY	FLOW ABOVE 1ST POINT				FLOW ABOVE 1ST PT. CARMEL				FLOW ABOVE 1ST PT. OLCESSE				RESERVOIR STORAGE	LOSS	DAY																																
	ENTL AT 1ST POINT	VALLEY COURSE	RESERVOIR LOSS	AT 2ND POINT	ENTL AT 2ND POINT	KERN VALLEY COURSE	RESERVOIR LOSS	AT 2ND POINT	ENTL AT 2ND POINT	VALLEY COURSE	RESERVOIR LOSS	AT 2ND POINT				ENTL AT 2ND POINT	WATER BANK	2ND POINT	WD																												
1	2,884	2,360	2	1	93	127,023	2,087	39	220	12	25	0	244	0	459	2	56	78,142	698	164	203	0	24	34,229																							
2	2,465	2,349	2	0	102	127,035	1,874	27	0	12	25	14	306	0	409	3	61	79,159	978	250	187	0	4	26	35,240																						
3	2,419	2,280	2	1	97	127,074	1,815	37	0	12	24	14	298	0	357	3	60	80,169	954	244	188	0	4	26	36,220																						
4	2,388	2,255	2	0	106	127,089	1,778	44	0	12	21	14	262	0	284	3	66	81,241	939	240	169	0	4	29	37,197																						
5	2,390	2,216	2	1	84	127,186	1,781	41	0	12	19	15	215	0	202	2	52	82,464	940	240	189	0	4	23	38,161																						
6	2,424	2,250	2	0	92	127,266	1,821	34	0	12	16	15	214	0	203	3	59	83,729	956	245	188	0	4	27	39,143																						
7	2,417	2,338	2	1	94	127,248	1,811	35	0	12	16	15	208	0	188	3	60	85,003	952	244	193	0	4	28	40,114																						
8	2,378	2,381	2	0	78	127,165	1,763	37	0	12	16	14	208	0	241	3	52	86,183	932	239	189	0	4	24	41,068																						
9	2,371	2,323	2	1	91	127,119	1,756	41	0	12	17	13	189	0	294	3	61	87,309	930	238	241	0	4	28	41,963																						
10	2,371	2,337	2	0	94	127,057	1,756	31	0	12	23	13	188	0	307	3	64	88,424	930	238	240	0	4	30	42,857																						
11	2,302	2,370	2	1	103	126,883	1,668	36	0	12	24	14	190	0	307	2	70	89,437	894	229	239	0	4	33	43,704																						
12	2,099	2,549	2	0	95	126,336	1,416	43	0	12	24	13	34	0	266	3	66	90,392	792	203	236	0	4	32	44,427																						
13	1,851	2,511	2	1	81	125,592	1,120	56	0	12	24	13	31	0	232	3	56	91,085	670	171	234	0	4	27	45,003																						
14	1,697	2,571	2	0	65	124,651	954	46	0	12	25	13	0	0	218	3	47	91,675	597	153	209	0	4	23	45,517																						
15	1,638	2,549	2	1	74	123,663	895	46	0	12	24	13	0	0	248	3	53	92,171	570	146	224	0	4	26	45,979																						
16	1,664	2,567	2	0	83	122,675	921	33	58	12	31	14	0	0	222	3	61	92,670	582	149	293	0	4	30	46,383																						
17	1,738	2,477	2	1	52	121,881	994	39	209	12	20	13	0	0	226	2	38	93,105	616	157	323	0	4	19	46,810																						
18	1,898	2,498	2	0	64	121,215	1,169	30	221	12	21	12	0	0	223	3	48	93,704	690	177	347	0	4	23	47,303																						
19	1,909	2,437	2	1	77	120,607	1,183	35	224	12	22	13	0	0	227	3	58	94,293	697	178	347	0	4	29	47,798																						
20	1,832	2,320	2	0	87	120,030	1,098	40	228	12	24	14	0	98	237	3	66	94,669	660	169	368	0	4	33	48,222																						
21	1,650	1,945	2	1	85	119,647	909	25	231	12	31	14	0	569	229	3	65	94,399	577	147	374	0	4	32	48,536																						
22	1,599	1,813	2	0	84	119,347	858	33	226	12	25	14	0	563	258	3	65	94,058	553	142	331	22	4	33	48,841																						
23	1,544	1,850	3	1	83	118,954	806	25	221	12	31	14	0	354	229	2	63	93,913	530	135	245	30	4	32	49,195																						
24	1,484	1,928	2	0	83	118,425	753	23	215	12	28	13	0	359	161	3	63	93,789	504	129	213	74	4	32	49,505																						
25	1,396	1,924	2	1	75	117,819	678	28	232	12	30	14	0	385	148	3	58	93,557	467	119	239	93	4	30	49,725																						
26	1,348	1,978	2	1	78	117,108	637	26	224	12	32	14	0	395	133	3	61	93,294	448	114	247	122	4	32	49,882																						
27	1,297	2,002	3	0	75	116,325	594	31	225	12	29	13	0	445	154	3	58	92,918	426	109	263	147	4	30	49,973																						
28	1,323	1,963	2	1	86	115,596	613	28	222	12	29	14	0	428	144	3	67	92,584	435	112	352	145	4	35	49,984																						
29	1,363	1,939	2	1	84	114,933	649	29	221	12	30	14	0	398	106	2	65	92,356	453	116	364	166	4	35	49,984																						
30	1,401	1,840	2	0	87	114,405	682	36	223	12	40	14	0	309	127	3	68	92,206	470	120	414	173	4	36	49,947																						
31	1,394	1,748	2	1	83	113,965	676	34	207	12	37	14	0	372	138	3	66	91,999	466	119	389	158	4	35	49,946																						
32	1,344	1,830	2	0	89	113,388	631	37	206	12	30	14	0	361	159	3	71	91,737	445	114	415	162	4	38	49,896																						
S.F.D.	57,394	68,338	64	16	2,611	113,388	36,059	1,086	3,583	372	777	424	2,343	5,036	6,877	88	1,868	91,737	21,053	5,396	8,450	1,292	124	916	49,866	S.F.D.																					
AC.F.T.	113,839	135,546	127	32	5,179	224,903	71,522	2,154	7,127	738	1,541	840	4,648	9,989	13,640	175	3,705	181,958	41,758	10,683	16,760	2,563	246	1,817	98,947	AC.F.T.																					
TOTAL ACRE-FOOT STORAGE DAYS															7,492,943	TOTAL ACRE-FOOT STORAGE DAYS															5,541,204	TOTAL ACRE-FOOT STORAGE DAYS															2,793,743

WATERMASTER NOTES *** KERN RIVER BULLETIN

MONTH	DAY(S)	PAGE NO.	TITLE OF COLUMN	COMMENT
July	1-31	1	FRIANT-KERN INFLOW	Includes Friant-Kern Inflow to Kern River channel on behalf of Kern County Water Agency (7,309 acre-feet) and Arvin-Edison WSD/Kern Delta Water District (139 acre-feet).
July	1	2	BWSD FLOW - OVERDRAFT CORRECTION	Delivered via James and Pioneer canals as per terms of BUENA VISTA WATER STORAGE DISTRICT/KCWA letter agreement regarding overdraft correction water sales within Kern Fan area dated August 14, 1995.
July	19	2	BWSD FLOW - FOR ID4	Delivered as per terms of BUENA VISTA WATER STORAGE DISTRICT/Kern County Water Agency - Improvement District No. 4 letter agreement dated July 26, 1995.
July	21	2	HACIENDA WDFLOW - AT 2ND POINT	Delivered to Kern Water Bank via Main Canal intake point, as per terms of BUENA VISTA WATER STORAGE DISTRICT letter agreement with Kern Water Bank Participants dated June 29, 1995.

KERN RIVER NATURAL FLOW
FIRST POINT OF MEASUREMENT
APRIL - JULY
1994 TO DATE

YEAR	In order of Magnitude				TOTAL	% OF AVERAGE	Quantities in acre-feet				TOTAL	% AVERAGE	
	APR	MAY	JUN	JUL			APR	MAY	JUN	JUL			
1981	24,137	29,980	24,305	8,952	87,374	19%	101,203	139,719	73,553	39,942	354,117	76%	
1982	20,540	41,722	14,069	8,225	92,556	20%	62,047	117,748	132,798	53,635	396,396	78%	
1977	23,391	25,630	35,655	10,973	95,649	20%	57,804	86,174	146,124	82,760	372,822	60%	
1931	23,440	41,967	24,262	8,493	96,062	21%	46,602	147,001	140,600	51,917	396,180	83%	
1978	25,924	47,151	20,830	14,749	106,754	23%	107,403	149,004	128,853	43,436	399,596	83%	
1980	32,019	38,800	29,345	13,390	113,344	24%	109,658	135,478	95,880	39,733	390,747	84%	
1934	39,919	43,065	21,820	11,341	116,145	25%	74,315	139,222	139,222	53,355	396,989	85%	
1972	20,298	45,985	38,531	14,836	127,720	27%	80,223	150,109	115,862	59,197	405,391	87%	
1959	40,596	45,213	32,061	18,013	130,585	28%	102,079	194,935	106,112	46,733	419,859	90%	
1988	42,248	45,213	32,809	15,033	135,303	29%	91,359	181,613	93,114	77,048	423,132	91%	
1988	39,594	58,350	43,140	20,989	162,043	35%	136,241	146,799	99,114	41,395	424,293	91%	
1990	48,272	58,338	47,181	16,883	179,153	36%	83,370	159,904	137,840	50,899	430,813	92%	
1992	55,446	74,394	32,867	18,324	176,153	36%	80,816	154,506	172,324	77,496	455,242	97%	
1994	42,948	61,521	54,658	23,803	182,828	36%	89,442	131,980	149,357	95,288	456,968	98%	
1994	48,489	67,224	56,223	21,068	191,004	41%	69,412	137,838	163,944	105,394	476,579	102%	
1928	37,757	76,895	80,344	18,716	193,702	42%	118,175	196,485	145,503	50,471	510,614	109%	
1900	28,102	88,295	76,398	24,125	196,898	42%	147,463	153,884	188,876	74,874	515,474	110%	
1949	50,817	84,508	57,885	17,201	209,911	45%	112,586	184,721	181,153	75,481	521,717	112%	
1997	55,236	75,108	58,146	24,818	211,408	45%	112,586	154,742	178,754	81,529	522,905	112%	
1913	42,694	73,591	60,738	34,929	213,710	46%	111,273	185,062	187,740	99,529	526,641	112%	
1896	53,133	51,353	79,178	30,046	213,710	46%	126,329	185,062	187,638	69,580	535,166	115%	
1929	38,024	85,968	63,487	30,966	219,532	47%	157,290	185,062	187,638	81,275	560,304	120%	
1995	67,579	89,544	45,431	23,347	219,893	47%	131,248	200,804	187,792	114,813	582,041	125%	
1995	87,551	89,544	62,824	28,401	232,582	50%	133,993	200,804	182,420	87,414	594,691	125%	
1930	53,506	89,544	49,530	18,575	232,582	50%	131,248	205,509	189,002	91,583	597,350	128%	
1868	41,350	71,849	49,823	21,378	239,980	51%	84,407	242,259	202,395	88,949	617,710	132%	
1946	52,976	89,108	78,565	31,331	239,980	51%	173,393	281,639	137,393	61,837	654,262	140%	
1971	52,976	89,108	82,707	42,472	244,475	52%	197,720	196,950	183,995	97,083	678,748	145%	
1995	67,353	110,325	64,054	30,690	248,319	53%	144,834	210,676	201,064	128,338	685,012	147%	
1947	67,353	110,325	57,778	24,952	248,319	53%	162,071	268,035	175,850	88,011	697,182	149%	
1912	37,246	81,914	65,817	25,630	251,812	54%	138,113	254,785	152,600	91,133	694,729	149%	
1951	68,320	79,419	60,305	41,851	260,894	56%	198,796	208,652	222,078	156,486	701,188	150%	
1994	48,914	86,039	88,980	38,941	261,894	56%	110,882	288,652	230,390	93,834	728,768	155%	
1939	92,136	58,400	25,490	298,290	298,290	57%	212,863	254,985	196,748	130,089	798,794	176%	
1991	55,092	79,783	100,423	38,295	276,543	59%	166,105	316,974	230,898	115,724	831,699	178%	
1957	88,974	79,355	132,359	41,868	292,346	63%	183,505	352,050	225,395	91,097	852,047	182%	
1994	88,974	98,801	64,594	43,061	295,404	63%	208,147	293,335	283,794	121,388	896,674	190%	
1993	76,155	90,028	125,395	56,898	299,594	64%	99,509	299,631	311,063	243,602	924,005	198%	
1995	76,155	90,028	90,387	34,901	299,594	64%	223,928	255,046	237,129	929,221	999,221	199%	
1925	58,406	102,016	98,252	58,437	313,111	67%	130,817	208,715	282,877	130,917	961,769	206%	
1904	58,812	113,205	103,904	39,725	319,640	68%	211,808	287,825	282,877	208,715	991,025	212%	
1970	53,513	110,657	95,707	50,138	319,640	68%	154,815	398,666	309,960	174,416	995,657	213%	
1921	51,723	100,095	130,387	49,119	321,325	69%	222,633	354,769	302,557	194,693	1,094,375	234%	
1953	70,730	88,016	103,164	69,657	329,570	71%	242,402	382,917	304,080	159,856	1,119,815	240%	
1923	73,395	120,946	82,528	55,800	334,532	71%	194,870	359,841	194,870	1,218,975	281%		
1918	74,513	78,722	136,753	44,883	334,816	72%	173,143	478,825	571,846	298,866	1,391,639	298%	
1918	81,644	140,215	34,364	342,897	342,897	73%	208,473	478,825	571,846	298,866	1,391,639	298%	
1919	96,574	140,215	81,644	342,897	342,897	73%	481,749	472,904	391,700	225,154	1,571,597	339%	
1995	103,787	139,634	42,184	350,847	350,847	75%	378,333	617,968	498,798	254,777	1,747,874	374%	
1910	102,883	127,733	79,464	42,046	352,126	75%	481,749	617,968	571,846	399,841	1,747,874	374%	
							MAX	617,968	571,846	8,225	67,374	14,069	
							MIN	25,630	23,391	130,699	72,571	467,399	155,730
							AVG.	99,399	155,730	130,699	72,571	467,399	155,730

REPORT OF THE KERN RIVER WATERMASTER

AUGUST 1995

Quantities in S.F.D. except where noted

DAY	ISABELLA		RESERVOIR		LOSS	FIRST POINT REGULATED FLOW	FLOW ABOVE 1ST PT.	CHANGE IN		COMPUTED 1ST POINT NATURAL FLOW	MEAN Recreation Pool + Dead Storage = 15,218 S.F.D. (90,184 ACFT) TOTAL	STORAGE IRRIGATION	KERN COUNTY RECREATION POOL LOSS	SECOND POINT GROUP FLOW		FRAMIT- KERN INFLOW	DAY
	ELEVATION (FEET)	MIDNIGHT STORAGE ACRE-FOOT	S.F.D.	STORAGE+LOSS +1ST POINT +FLOW ABOVE				1ST POINT FLOW	AT 2ND POINT KERN					FRAMIT- KERN			
Previous Day	2602.66	535,992	270,229	198	3,226	9	2,534	2,534	2,534	270,229	255,011	5	321	0	100		
1	2602.44	533,544	268,995	210	3,346	9	2,331	2,331	2,305	268,969	253,751	6	335	0	50	1	
2	2602.17	530,547	267,484	228	3,527	9	2,253	2,253	2,234	267,439	252,221	6	307	0	50	2	
3	2601.83	526,783	265,587	209	3,797	9	2,118	2,118	2,181	265,605	250,387	6	339	0	50	3	
4	2601.48	522,925	263,641	223	3,885	9	2,171	2,171	2,166	263,654	248,436	6	362	0	50	4	
5	2601.16	519,407	261,868	181	3,792	9	2,209	2,209	2,138	261,810	246,582	5	414	0	50	5	
6	2600.80	515,462	259,879	188	3,827	9	2,035	2,035	2,050	259,836	244,618	5	465	0	50	6	
7	2600.39	510,989	257,624	202	3,951	9	1,907	1,907	1,924	257,598	242,390	6	482	0	17	7	
8	2599.98	506,534	255,378	168	3,898	9	1,829	1,829	1,812	255,335	240,117	5	399	0	0	8	
9	2599.56	501,988	253,086	167	3,815	9	1,699	1,699	1,650	252,984	237,776	5	431	0	41	9	
10	2599.09	496,925	250,533	196	3,771	9	1,423	1,423	1,509	250,608	235,390	6	440	0	99	10	
11	2598.65	492,208	248,155	202	3,816	9	1,649	1,649	1,509	248,090	232,872	6	473	0	146	11	
12	2598.20	487,406	245,734	165	3,703	9	1,456	1,456	1,474	245,687	230,469	5	509	0	209	12	
13	2597.73	482,414	243,217	171	3,653	10	1,317	1,317	1,390	243,243	228,025	5	510	0	298	13	
14	2597.28	477,655	240,818	181	3,606	9	1,397	1,397	1,300	240,747	225,529	5	461	0	282	14	
15	2596.79	472,501	238,219	162	3,614	9	1,186	1,186	1,226	238,188	222,970	5	382	0	240	15	
16	2596.25	466,854	235,372	183	3,750	9	1,095	1,095	1,166	235,412	220,194	6	420	0	181	16	
17	2595.72	461,340	232,592	189	3,799	9	1,217	1,217	1,221	232,636	217,418	6	401	0	88	17	
18	2595.24	456,374	230,089	160	3,686	9	1,352	1,352	1,294	230,075	214,857	5	354	0	44	18	
19	2594.80	451,843	227,804	148	3,440	9	1,312	1,312	1,286	227,764	212,546	5	315	0	40	19	
20	2594.38	447,540	225,635	63	3,291	10	1,195	1,195	1,272	225,672	210,454	2	350	0	157	20	
21	2594.00	443,664	223,681	59	3,195	9	1,309	1,309	1,235	223,644	208,426	2	274	0	210	21	
22	2593.63	439,904	221,785	73	3,016	9	1,202	1,202	1,260	221,806	206,588	2	299	0	250	22	
23	2593.27	436,280	219,948	156	2,942	9	1,270	1,270	1,329	220,028	204,810	5	281	0	158	23	
24	2592.95	433,036	218,322	204	2,926	9	1,513	1,513	1,338	218,227	203,009	7	281	0	50	24	
25	2592.62	429,721	216,651	152	2,740	9	1,230	1,230	1,268	216,594	201,376	5	273	0	249	25	
26	2592.29	426,418	214,986	137	2,580	9	1,061	1,061	1,062	214,930	199,712	5	300	0	390	26	
27	2591.94	422,931	213,228	119	2,525	9	895	895	964	213,241	198,023	4	276	0	390	27	
28	2591.58	419,356	211,425	146	2,583	9	935	935	913	211,416	196,198	5	273	0	390	28	
29	2591.22	415,798	209,632	146	2,546	9	908	908	903	209,618	194,400	5	264	0	390	29	
30	2590.87	412,351	207,894	142	2,452	9	865	865	879	207,894	192,676	5	247	0	390	30	
31	2590.53	409,016	206,212	188	2,348	9	863	863	863	206,212	190,994	7	202	0	390	31	
TOTAL SECOND FOOT DAYS				5,118	103,820	281	45,202	45,202	45,202	206,212	190,994	158	11,119	0	5,399		
TOTAL ACRE-FOOT				10,151	205,924	557	89,657	89,657	89,657	409,016	378,832	313	22,054	0	10,709		

SEPTEMBER 25, 1995

Dr.  Date: _____

REPORT OF THE KERN RIVER WATERMASTER

WATERMASTER NOTES *** KERN RIVER BULLETIN

MONTH	DAY(S)	PAGE NO.	TITLE OF COLUMN	COMMENT
August	1-31	1	FRIANT-KERN INFLOW	Includes Friant-Kern Inflow to Kern River channel on behalf of Kern County Water Agency (9,369 acre-feet) and Southern San Joaquin MUD/North Kern WSD/Paramount Farming Company (1,340 acre-feet).
August	1	2	HACIENDA WD FLOW - VIA RRBWSD	Delivered as per terms of Bravo Management Company, Inc. letter dated August 4, 1995 (HACIENDA WATER DISTRICT/Paramount Farming Co./Dudley Ridge WD/RRBWSO Banking Program).

1995 APRIL-JULY UNIMPAIRED RUNOFF

Central Valley Streams

April-July Flows
in 1000 Acre-feet

Watershed	Forecast as of					(2)1995 Actual	% of Average
	(1) 50-Year Average	Feb. 1	Mar. 1	Apr. 1	May 1		
Sacramento River above Bend Bridge	2,491	2,880	2,350	3,200	4,170	4,226	170%
Feather River at Oroville Reservoir	1,857	2,770	2,250	3,030	3,770	4,237	228%
Yuba River at Smartville	1,047	1,530	1,300	1,800	2,120	2,174	208%
American River at Folsom Reservoir	1,284	1,800	1,500	2,170	2,610	2,780	216%
Cosumnes River at Michigan Bar	129	185	130	210	300	335	259%
Mokelumne River at Pardee Reservoir	465	660	550	770	870	1,025	220%
Stanislaus River at Melones Reservoir	713	1,000	840	1,210	1,390	1,506	211%
Tuolumne River at Don Pedro Reservoir	1,200	1,700	1,430	2,120	2,320	2,506	209%
Merced River at Exchequer Reservoir	617	900	760	1,180	1,300	1,392	225%
San Joaquin River at Millerton Lake	1,228	1,740	1,490	2,280	2,440	2,616	213%
Kings River at Pine Flat Reservoir	1,203	1,570	1,400	2,200	2,280	2,376	198%
Kaweah River at Terminus Reservoir	284	360	330	490	500	602	212%
Tule River at Success Reservoir	63	80	70	110	110	137	218%
KERN RIVER AT ISABELLA RESERVOIR	461	550	490	800	820	892	192%

(1) All 50-year averages are based on data for water years 1941-1990

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

Quantities in S.F.D. except where noted

SEPTEMBER 1965

REPORT OF THE KERN RIVER WATERMASTER

DAY	ISABELLA		RESERVOIR		LOSS	FIRST POINT REGULATED	FLOW	1ST PT.	FLOW	ABOVE	1ST POINT	STORAGE+LOSS	COMPUTED	MEAN	STORAGE	KERN	SECOND POINT		FRONT-KERN
	ELEVATION	MIDNIGHT STORAGE	ACRE-Feet	S.F.D.													GROUP FLOW	AT 2ND POINT	
Previous Day	(FEET)	ACRE-Feet	S.F.D.	LOSS	FLOW	1ST PT.	1ST POINT	1ST POINT	NATURAL	Recreation Pool + Dead Storage = 15,216 S.F.D. (90,184 ACFT)	IRRIGATION	POOL LOSS	RECREATION	RIVER	KERN	FRONT-KERN	INFLOW	DAY	
1	2590.53	409,016	206,212	188	2,348	863	863	863	863	863	190,994	7	7	202	0	390	1		
2	2590.21	405,891	204,637	180	2,248	861	861	861	861	861	189,419	7	7	192	0	390	2		
3	2589.95	403,360	203,361	65	2,075	872	872	872	872	872	188,175	2	2	194	0	390	3		
4	2589.71	401,030	202,186	161	1,974	968	968	968	968	968	186,968	6	6	201	0	390	4		
5	2589.56	399,576	201,453	146	1,843	1,264	1,264	1,264	1,264	1,264	186,235	6	6	198	0	390	5		
6	2589.35	397,547	200,430	142	1,997	1,123	1,123	1,123	1,123	1,123	185,212	5	5	199	0	390	6		
7	2589.09	395,041	199,167	160	1,932	816	816	816	816	816	183,928	6	6	196	0	390	7		
8	2588.83	392,543	197,907	127	1,899	793	793	793	793	793	182,687	5	5	189	0	390	8		
9	2588.58	390,149	196,700	155	1,812	767	767	767	767	767	181,458	6	6	185	0	390	9		
10	2588.33	387,762	195,497	141	1,748	690	690	690	690	690	180,252	6	6	181	0	390	10		
11	2588.06	385,191	194,201	115	1,785	611	611	611	611	611	179,004	5	5	170	0	390	11		
12	2587.78	382,535	192,862	126	1,879	674	674	674	674	674	177,641	5	5	173	0	390	12		
13	2587.50	379,890	191,528	136	1,854	664	664	664	664	664	176,298	6	6	177	0	390	13		
14	2587.21	377,158	190,151	132	1,866	649	649	649	649	649	174,942	5	5	179	0	390	14		
15	2586.93	374,529	188,825	121	1,853	629	629	629	629	629	173,590	5	5	178	0	390	15		
16	2586.65	371,909	187,504	128	1,789	604	604	604	604	604	172,280	5	5	188	0	390	16		
17	2586.38	369,392	186,235	116	1,732	587	587	587	587	587	171,030	5	5	189	0	393	17		
18	2586.11	366,884	184,971	119	1,765	628	628	628	628	628	169,734	5	5	189	0	395	18		
19	2585.81	364,106	183,570	150	1,815	572	572	572	572	572	168,343	6	6	191	0	395	19		
20	2585.51	361,339	182,175	139	1,793	544	544	544	544	544	166,967	6	6	195	0	395	20		
21	2585.24	358,861	180,926	125	1,689	511	511	511	511	511	165,696	5	5	195	0	395	21		
22	2585.00	356,663	179,818	135	1,501	535	535	535	535	535	164,608	6	6	201	0	422	22		
23	2584.79	354,744	178,850	121	1,396	557	557	557	557	557	163,618	5	5	212	0	445	23		
24	2584.58	352,832	177,886	120	1,350	514	514	514	514	514	162,668	5	5	216	0	530	24		
25	2584.37	350,926	176,925	134	1,333	504	504	504	504	504	161,698	6	6	208	0	580	25		
26	2584.13	348,753	175,830	116	1,457	482	482	482	482	482	160,599	5	5	193	0	580	26		
27	2583.87	346,407	174,647	109	1,514	458	458	458	458	458	159,427	5	5	187	0	513	27		
28	2583.61	344,069	173,468	106	1,507	427	427	427	427	427	158,233	5	5	186	0	455	28		
29	2583.33	341,560	172,203	99	1,550	392	392	392	392	392	157,014	5	5	188	0	461	29		
30	2583.10	339,507	171,168	85	1,421	450	450	450	450	450	155,950	4	4	187	0	462	30		
31	2582.88	337,548	170,181	85	1,347	453	453	453	453	453	154,963	4	4	192	0	211	31		
TOTAL SECOND FOOT DAYS				3,794	51,724	290	19,717	19,717	19,717	19,717	19,717	154,963	157	157	5,729	0	12,482		
TOTAL ACRE-Feet				7,525	102,593	456	39,108	39,108	39,108	39,108	39,108	307,548	311	311	11,364	0	24,758		

By: *[Signature]*

Date: October 18, 1965

Quantities in S.F.D. except where noted

SEPTEMBER 1985

REPORT OF THE KERN RIVER WATERMASTER

HACIENDA WATER DISTRICT

BUENA VISTA WATER STORAGE DISTRICT

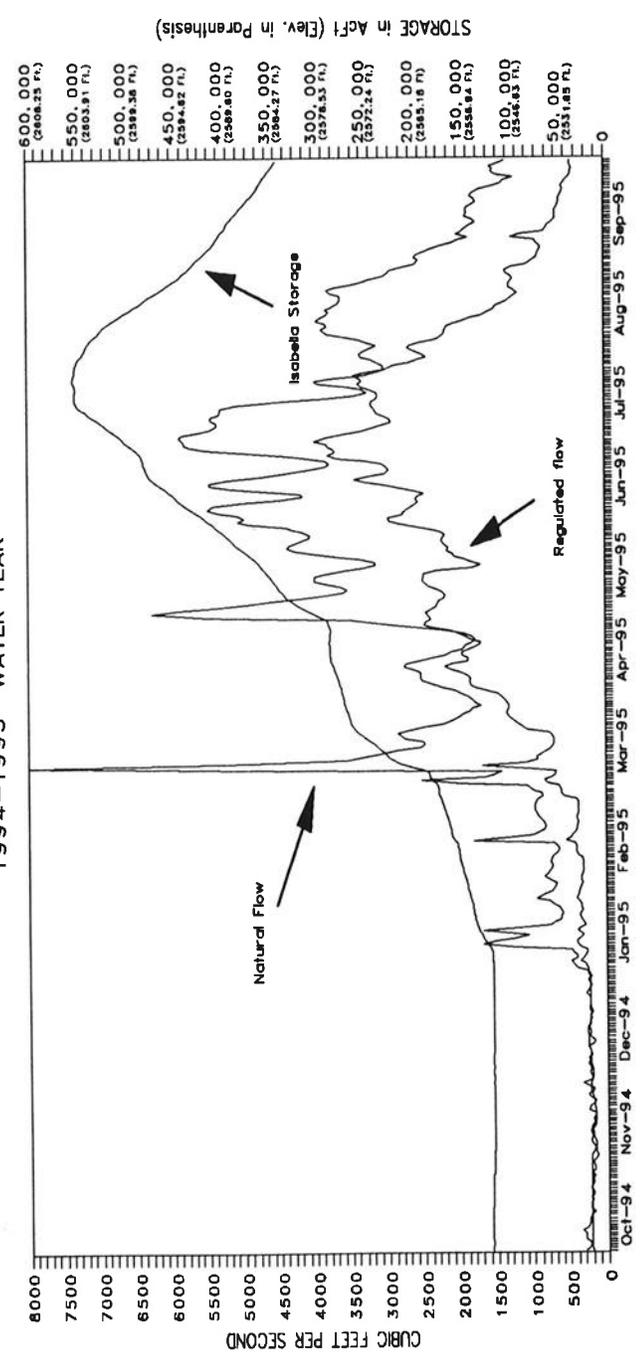
NORTH KERN WATER STORAGE DISTRICT

DAY	ENT'L AT 1ST POINT	FLOW AT 1ST POINT	VALLEY LAKE MING COURSE	RESERVOIR LOSS STORAGE	ENT'L AT 1ST POINT	VIA CWD	VIA RRBWSD	VIA JAMES PION.	OVERDRAFT CORRECTION	FLOW ABOVE 1ST PT. CARMEL	FOR IDA	FOR KCWA	FOR POINT	RESERVOIR LOSS STORAGE	TRANS. LOSS	KERN WATER BANK RRBWSD	FLOW AT 2ND OLCESSE	FLOW ABOVE 1ST PT.	RESERVOIR LOSS STORAGE	DAY																	
																					88	85	86,429	0	50	202	12	22	8	0	223	25	2	73	75,031	0	265
1	861	1,304	1	85	86,429	0	50	202	12	15	8	0	161	14	3	70	74,496	21	228	55	178	3	25	28,494													
2	904	1,123	2	0	31	86,177	0	47	200	12	11	7	0	161	18	2	25	74,013	24	235	61	176	4	9	27,985												
3	936	1,095	2	1	76	85,939	0	40	165	12	11	7	0	163	25	2	62	73,526	17	234	29	176	3	23	27,503												
4	1,264	1,063	1	0	68	86,071	0	39	176	12	10	4	0	88	25	3	57	73,112	16	237	0	173	4	21	27,052												
5	1,123	1,121	2	0	67	86,004	0	43	171	12	12	4	0	179	26	2	55	72,608	22	234	0	173	3	20	26,600												
6	816	1,111	2	0	76	85,631	0	45	157	12	9	4	0	117	26	2	62	72,174	21	260	0	170	4	22	26,123												
7	793	1,123	1	1	61	85,238	0	50	129	12	10	3	0	147	26	3	49	71,745	17	219	0	163	3	17	25,704												
8	745	1,046	2	0	74	84,861	0	34	134	12	13	5	0	137	25	2	60	71,323	17	229	0	160	3	21	25,274												
9	690	984	1	0	67	84,499	0	31	135	12	10	5	0	140	25	2	55	70,908	18	232	0	156	4	19	24,845												
10	659	996	2	0	55	84,105	0	34	136	12	9	5	27	193	24	2	45	70,421	9	194	0	146	3	15	24,478												
11	650	1,053	1	0	60	83,641	0	35	138	12	13	0	32	188	21	3	49	69,930	22	213	0	152	4	17	24,070												
12	655	1,009	2	1	65	83,219	0	34	137	12	7	4	27	231	20	2	53	69,403	18	198	0	157	3	18	23,676												
13	649	1,011	1	0	64	82,792	0	33	118	12	6	5	33	275	20	2	51	68,848	14	180	0	159	4	17	23,302												
14	629	830	2	0	59	82,530	0	30	130	91	1	1	37	249	20	2	47	68,240	17	232	57	158	3	15	22,820												
15	615	740	1	1	62	82,341	0	28	129	106	2	0	26	207	188	3	50	67,501	18	277	68	0	3	16	22,438												
16	606	702	2	0	57	82,186	0	26	137	109	2	1	209	110	189	2	45	66,671	5	172	70	0	4	14	22,173												
17	596	708	1	1	58	82,014	0	38	136	111	1	1	233	102	189	3	46	65,811	3	172	71	0	3	15	21,909												
18	582	762	2	0	74	81,758	0	37	142	110	1	1	261	88	191	2	57	64,921	5	147	70	0	4	19	21,664												
19	563	765	1	1	69	81,485	0	38	138	109	5	5	307	85	195	2	53	63,984	2	75	69	0	3	17	21,498												
20	551	759	2	0	63	81,212	0	31	135	109	4	4	242	63	195	2	47	63,152	2	75	70	0	4	15	21,332												
21	555	808	1	0	67	80,891	0	36	142	48	1	4	224	6	201	3	51	62,436	1	0	30	0	3	17	21,281												
22	535	652	2	0	61	80,711	0	34	130	36	5	4	184	116	212	2	45	61,668	0	0	23	0	4	15	21,239												
23	528	643	1	1	60	80,534	0	24	129	36	6	4	137	132	216	3	45	60,936	0	0	23	0	3	15	21,198												
24	504	662	2	0	68	80,306	0	21	126	34	0	0	128	133	208	2	49	60,235	0	0	21	0	3	17	21,157												
25	482	770	1	1	58	79,958	0	22	125	28	1	0	165	136	193	2	43	59,520	0	0	17	0	4	15	21,121												
26	458	815	2	0	55	79,544	0	23	92	71	0	0	150	133	187	2	40	58,822	0	0	43	0	3	14	21,061												
27	427	815	1	0	54	79,101	0	24	95	107	0	2	113	96	186	3	39	58,157	0	0	69	0	4	13	20,975												
28	438	793	2	1	51	78,692	0	24	104	111	0	3	142	114	188	2	36	57,433	0	0	71	0	3	12	20,889												
29	450	725	1	0	43	78,373	0	22	120	98	2	3	109	95	187	3	31	56,763	0	0	60	0	4	11	20,814												
30	453	737	2	1	44	78,042	0	18	119	0	6	3	161	107	192	2	30	56,125	0	0	4	0	3	11	20,796												
S.F.D.	19,717	26,725	46	11	1,852	78,042	0	991	4,127	1,470	173	97	2,947	4,152	3,432	70	1,447	56,125	289	4,043	981	2,297	103	495	20,796 S.F.D.												
AC.F.T.	39,108	53,009	91	22	3,673	154,794	0	1,966	8,186	2,915	343	192	5,845	8,235	6,808	138	2,870	111,322	573	8,019	1,946	4,556	205	982	41,248 AC.F.T.												
																				TOTAL ACRE-FOOT STORAGE DAYS			4,907,668			TOTAL ACRE-FOOT STORAGE DAYS			3,936,954			TOTAL ACRE-FOOT STORAGE DAYS			1,387,380		

WATERMASTER NOTES *** KERN RIVER BULLETIN

MONTH	DAY(S)	PAGE NO.	TITLE OF COLUMN	COMMENT
September	1-30	1	FRIANT-KERN INFLOW	Includes Friant-Kern inflow to Kern River channel on behalf of Kern County Water Agency (20,474 acre-feet) and Southern San Joaquin MUD/North Kern WSD (4,284 acre-feet).
September	1	2	HACIENDA WATER DISTRICT - RESERVOIR STORAGE NKWSD - RESERVOIR STORAGE	Includes: NORTH KERN WSD Transportation Loss Assignment to HACIENDA WD of 2,794 acre-feet (1,409 s.f.d.) per section 2 (b) of the 1962 Kern River Water Rights and Storage Agreement.
September	10	2	BWWSO FLOW - FOR KCWA	Delivered as per terms of BUENA VISTA WATER STORAGE DISTRICT letter dated September 8, 1995 amending exchange amount under BWWSO/KCWA May 31, 1995 agreement by addition of Block II.

KERN RIVER NATURAL FLOW, REGULATED FLOW, & ISABELLA RESERVOIR STORAGE
1994-1995 WATER YEAR



Quantities in S.F.D. except where noted

OCTOBER 1965

REPORT OF THE KERN RIVER WATERMASTER

DAY	ISABELLA		RESERVOIR		LOSS	FIRST POINT REGULATED	FLOW	FLOW ABOVE 1ST PT.	CHANGE IN		COMPUTED 1ST POINT NATURAL FLOW	MEAN	STORAGE		KERN COUNTY RECREATION POOL LOSS	SECOND POINT GROUP FLOW		FRAMT- KERN INFLOW	DAY
	ELEVATION (FEET)	ACRE-FOOT	S.F.D.	MIDNIGHT STORAGE					STORAGE+LOSS +1ST POINT	STORAGE IRRIGATION			AT 2ND POINT	FRAMT- KERN					
Previous Day	2582.88	337,548	170,181	85	1,347	8	453	170,181	154,963	4	192	0	211						
1	2582.66	335,596	169,196	94	1,325	7	441	169,202	153,984	5	185	0	0						
2	2582.43	333,561	168,170	122	1,356	7	459	168,164	152,946	6	188	0	0						
3	2582.21	331,621	167,192	118	1,294	7	441	167,180	151,962	6	107	0	0						
4	2582.01	329,860	166,305	97	1,189	7	406	166,304	151,086	5	8	0	0						
5	2581.80	328,019	165,376	103	1,223	7	404	165,376	150,158	5	13	0	0						
6	2581.59	326,183	164,451	89	1,235	7	406	164,453	149,235	4	17	135	140						
7	2581.39	324,440	163,572	99	1,186	7	413	163,568	148,350	5	35	173	184						
8	2581.19	322,701	162,695	119	1,153	7	402	162,713	147,495	6	35	194	206						
9	2581.01	321,139	161,908	102	1,135	7	457	161,901	146,683	5	48	168	176						
10	2580.84	319,669	161,167	75	1,097	7	438	161,148	145,930	4	46	196	272						
11	2580.66	318,116	160,384	85	1,073	7	382	160,396	145,178	4	15	187	258						
12	2580.50	316,740	159,690	61	1,044	7	418	159,687	144,469	3	11	177	246						
13	2580.34	315,364	158,996	84	1,012	7	409	159,000	143,782	4	6	59	63						
14	2580.19	314,080	158,349	101	960	7	421	158,334	143,116	5	0	0	0						
15	2580.03	312,710	157,658	87	972	7	375	157,671	142,453	5	0	0	0						
16	2579.87	311,346	156,970	94	1,000	7	413	156,969	141,751	5	0	0	0						
17	2579.72	310,071	156,328	77	968	7	410	156,320	141,102	4	0	0	0						
18	2579.57	308,796	155,685	70	951	7	385	155,678	140,460	4	0	0	0						
19	2579.39	307,271	154,916	67	1,057	7	362	154,916	139,698	4	0	0	0						
20	2579.19	305,582	154,064	73	1,133	7	361	154,071	138,853	4	0	0	0						
21	2578.97	303,729	153,130	98	1,210	7	382	153,121	137,903	5	0	58	85						
22	2578.72	301,631	152,072	126	1,281	7	356	152,077	136,859	7	0	182	221						
23	2578.47	299,541	151,019	82	1,336	7	372	151,018	135,800	5	5	181	204						
24	2578.22	297,458	149,968	59	1,357	6	371	149,953	134,735	3	15	168	244						
25	2577.97	295,384	148,923	62	1,305	7	329	148,935	133,717	4	5	184	278						
26	2577.75	293,565	148,006	58	1,220	7	368	148,006	132,788	3	0	183	282						
27	2577.53	291,750	147,091	84	1,194	7	370	147,086	131,868	5	0	189	281						
28	2577.33	290,107	146,262	48	1,132	6	357	146,267	131,049	3	0	179	249						
29	2577.13	288,469	145,437	53	1,138	7	373	145,425	130,207	3	0	183	267						
30	2576.91	286,874	144,532	48	1,187	7	337	144,532	129,314	3	0	131	207						
31	2576.69	284,884	143,629	74	1,152	6	329	143,629	128,411	4	0	98	155						
TOTAL	SECOND FOOT DAYS		2,610	2,610	35,875	214	12,147	143,629	128,411	138	739	3,025	4,018						
TOTAL	ACRE-FOOT		5,177	5,177	71,157	424	24,093	284,884	254,700	274	1,466	6,000	7,969						

[Signature]

By:

Revision of report dated November 17, 1965

Date: November 20, 1965

REPORT OF THE KERN RIVER WATERMASTER

NORTH KERN WATER STORAGE DISTRICT

BUENA VISTA WATER STORAGE DISTRICT

HACIENDA WATER DISTRICT

DAY	ENTL AT 1ST POINT	FLOW ABOVE 1ST POINT	KERN VALLEY LAKE MING COURSE	RESEVOIR LOSS STORAGE	ENTL AT 1ST POINT	VIA KDWWD	VIA CWD	VIA VIA	OVERDRAFT CORRECTION			FOR KCWA	FOR ID4	AT 2ND POINT	CARMEL La HAC. INC.	RESEVOIR LOSS STORAGE	FLOW ABOVE 1ST PT. OLCESE	RESERVOIR LOSS STORAGE	DAY			
									VIA JAMES	VIA PIONEER	VIA VIA									WD	WD	
1	453	737	2	1	44	18	119	6	3	161	107	192	2	30	56,125	3	11	20,796	1			
2	447	772	1	0	49	16	116	0	3	108	125	185	3	33	55,536	3	12	20,761	2			
3	447	782	1	1	63	25	118	2	1	109	131	188	2	43	54,917	3	16	20,762	3			
4	435	754	2	0	61	30	142	2	4	101	154	107	2	42	54,333	3	15	20,744	4			
5	417	750	1	0	50	31	158	2	3	101	136	8	3	34	53,857	3	13	20,728	5			
6	408	767	1	1	46	33	177	8	3	92	138	17	2	31	52,879	3	12	20,687	6			
7	407	729	2	0	51	23	170	0	3	102	124	35	2	35	52,385	3	13	20,681	7			
8	424	694	1	0	62	17	168	0	0	101	138	35	3	41	51,882	3	16	20,662	8			
9	432	719	1	0	53	18	136	0	0	100	114	48	3	35	51,428	3	14	20,645	9			
10	426	805	1	1	39	18	84	7	4	31	102	46	2	26	51,108	3	10	20,632	10			
11	413	800	1	0	45	19	91	8	4	35	101	15	3	29	50,803	3	11	20,618	11			
12	403	787	1	0	32	21	85	9	4	22	105	11	3	21	50,522	3	8	20,607	12			
13	416	765	1	1	44	23	78	10	4	30	96	6	2	29	50,244	3	11	20,583	13			
14	402	727	1	0	52	20	87	13	4	23	86	0	3	35	49,973	3	14	20,576	14			
15	403	739	1	1	45	13	83	4	0	21	112	0	2	30	49,708	3	12	20,561	15			
16	399	727	1	0	49	15	96	0	0	45	117	0	3	32	49,400	3	13	20,545	16			
17	403	704	1	0	40	25	93	0	2	39	105	0	3	26	49,107	3	11	20,531	17			
18	386	684	1	0	36	24	93	3	0	33	114	0	3	24	48,813	3	10	20,518	18			
19	369	728	1	1	35	21	78	7	0	41	182	0	2	23	48,459	3	9	20,506	19			
20	368	714	1	0	38	28	78	6	0	45	262	0	3	25	48,012	3	10	20,493	20			
21	366	669	1	0	51	17	74	3	0	108	339	0	3	34	47,434	3	14	20,476	21			
22	370	833	1	1	65	14	76	3	0	124	231	0	2	43	46,941	3	18	20,455	22			
23	366	904	1	0	42	18	122	0	0	96	191	5	3	28	46,478	3	12	20,440	23			
24	357	903	1	0	31	16	117	0	0	103	203	15	2	20	46,002	3	8	20,429	24			
25	356	854	1	0	32	12	121	0	0	92	221	5	3	21	45,527	3	9	20,417	25			
26	356	735	1	1	31	10	114	0	0	125	236	0	2	19	45,021	3	8	20,406	26			
27	365	663	1	0	44	11	116	0	2	158	244	0	3	28	44,459	3	12	20,391	27			
28	367	631	1	0	25	12	114	0	2	163	210	0	2	16	43,940	3	7	20,381	28			
29	356	637	1	0	27	11	115	0	1	136	238	0	3	18	43,418	3	8	20,370	29			
30	349	745	1	1	25	15	92	0	0	120	215	0	2	16	42,958	3	7	20,360	30			
31	329	745	1	0	39	16	93	4	0	97	197	0	2	24	39,578	3	11	20,346	31			
S.F.D.	12,147	23,251	33	9	1,356	600	3,465	95	47	2,594	5,084	739	79	897	39,578	93	357	20,346	S.F.D.			
AC.FT.	24,093	46,117	65	18	2,690	1,190	6,873	188	93	5,146	10,084	1,466	157	1,779	78,502	184	708	40,356	AC.FT.			
																			TOTAL ACRE-FOOT STORAGE DAYS	3,011,903	TOTAL ACRE-FOOT STORAGE DAYS	1,263,565

OCTOBER 1995

REPORT OF THE KERN RIVER WATERMASTER

WATERMASTER NOTES *** KERN RIVER BULLETIN

MONTH	DAY(S)	PAGE NO.	TITLE OF COLUMN	COMMENT
October	1-31	1	FRIANT-KERN INFLOW	Reflects Friant-Kern Inflow to Kern River channel on behalf of Kern County Water Agency.
October	31	2	BWNSD - RESERVOIR STORAGE NKWSD - RESERVOIR STORAGE	Reflects transfer from BUENA VISTA WATER STORAGE DISTRICT to NORTH KERN WATER STORAGE DISTRICT (City of Bakersfield) of 5,944 acre-feet (2,947 a.f.d.) as per terms of Kern Delta Water District letter dated October 18, 1995.

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

1994 - 1995 WATER YEAR

Quantities in acre-feet

	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	TOTAL
+ Kern River Natural Flow	14,771	12,780	15,507	46,832	48,774	156,387	143,244	255,046	293,129	237,802	89,657	39,108	1,353,037
- Isabella Reservoir Evaporation	2,221	1,089	704	462	1,016	1,444	2,614	3,447	6,952	10,701	10,151	7,525	48,336
- Into Isabella Storage	0	0	0	28,492	26,848	97,618	26,528	113,212	98,732	30,975	0	0	420,405
+ From Isabella Storage	1,407	515	790	0	0	0	0	0	0	0	126,975	71,466	201,153
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	13,957	12,196	15,593	19,878	20,910	57,325	114,102	138,387	187,445	196,126	206,481	103,049	1,085,449
Accumulative Absorption within Kern River Service Area	13,957	26,153	41,746	61,624	82,534	139,859	253,961	392,348	579,793	775,919	982,400	1,085,449	

Quantities in S.F.D. except where noted

NOVEMBER 1995

REPORT OF THE KERN RIVER WATERMASTER

DAY	ISABELLA		RESERVOIR		LOSS	FIRST POINT REGULATED FLOW	FLOW ABOVE 1ST PT.	CHANGE IN STORAGE		COMPUTED 1ST POINT NATURAL FLOW	MEAN TOTAL	STORAGE		KERN COUNTY RECREATION POOL LOSS	SECOND POINT GROUP FLOW AT 2ND POINT		FRIANT-KERN INFLOW	DAY
	ELEVATION (FEET)	MIDNIGHT ACRE- FEET	S.F.D.	STORAGE				IRRIGATION	RECREATION			KERN RIVER	FRIANT-KERN					
Previous Day	2576.69	284,884	143,629	143,629	74	1,152	6	329	329	329	143,629	128,411	4	0	98	155		
1	2576.49	283,263	142,812	142,812	49	1,108	5	345	337	337	142,804	127,586	3	0	54	134	1	
2	2576.31	281,806	142,077	142,077	39	1,014	4	322	343	343	142,080	126,872	2	0	0	105	2	
3	2576.19	280,839	141,590	141,590	33	811	5	362	357	357	141,598	126,380	2	0	0	105	3	
4	2576.08	279,953	141,143	141,143	39	789	5	386	353	353	141,118	125,900	2	0	0	116	4	
5	2575.95	278,909	140,617	140,617	55	777	4	310	352	352	140,634	125,416	3	0	0	125	5	
6	2575.80	277,705	140,010	140,010	91	872	5	361	345	345	140,011	124,793	6	0	0	125	6	
7	2575.66	276,586	139,446	139,446	48	874	5	363	366	366	139,450	124,232	3	0	0	125	7	
8	2575.51	275,388	138,842	138,842	74	898	5	373	360	360	138,833	123,615	5	67	0	125	8	
9	2575.34	274,035	138,159	138,159	71	951	5	344	381	381	138,187	122,969	5	100	0	125	9	
10	2575.19	272,845	137,559	137,559	48	973	4	425	389	389	137,551	122,333	3	111	0	125	10	
11	2575.03	271,576	136,920	136,920	48	985	5	399	408	408	136,921	121,703	3	156	0	125	11	
12	2574.86	270,234	136,243	136,243	51	1,022	4	400	412	412	136,256	121,038	3	171	0	125	12	
13	2574.69	268,895	135,568	135,568	48	1,059	5	437	418	418	135,562	120,344	3	171	0	125	13	
14	2574.51	267,480	134,855	134,855	41	1,086	4	418	424	424	134,855	119,637	3	170	0	125	14	
15	2574.33	266,071	134,144	134,144	35	1,088	5	417	412	412	134,139	118,921	2	170	0	125	15	
16	2574.14	264,588	133,397	133,397	31	1,113	5	402	408	408	133,398	118,180	2	170	0	125	16	
17	2573.95	263,109	132,651	132,651	38	1,108	4	404	400	400	132,648	117,430	3	179	0	106	17	
18	2573.77	261,711	131,946	131,946	34	1,059	5	393	396	396	131,946	116,728	2	176	0	173	18	
19	2573.60	260,396	131,283	131,283	44	1,007	4	392	395	395	131,286	116,068	3	174	0	215	19	
20	2573.43	259,085	130,622	130,622	40	1,016	5	400	380	380	130,605	115,387	3	186	16	235	20	
21	2573.25	257,701	129,924	129,924	46	995	5	348	375	375	129,934	114,716	3	172	25	245	21	
22	2573.08	256,396	129,266	129,266	46	985	5	378	358	358	129,256	114,038	3	168	40	245	22	
23	2572.91	255,096	128,611	128,611	31	969	4	349	367	367	128,619	113,401	2	169	44	245	23	
24	2572.75	253,877	127,996	127,996	25	959	5	374	352	352	127,982	112,764	2	169	43	199	24	
25	2572.57	252,507	127,306	127,306	52	965	5	332	366	366	127,326	112,108	4	168	44	160	25	
26	2572.41	251,294	126,694	126,694	52	948	4	392	355	355	126,677	111,459	4	168	44	160	26	
27	2572.23	249,934	126,008	126,008	43	979	4	340	367	367	126,018	110,800	3	151	45	160	27	
28	2572.09	248,877	125,476	125,476	45	853	4	370	360	360	125,476	110,258	3	60	45	160	28	
29	2571.97	247,975	125,021	125,021	30	770	5	350	350	350	125,021	109,803	2	0	25	87	29	
30	2571.85	247,074	124,567	124,567	33	758	4	341	341	341	124,567	109,349	2	0	0	50	30	
TOTAL SECOND FOOT DAYS					1,360	28,791	138	11,227	11,227	11,227	124,567	109,349	89	3,226	425	4,400		
TOTAL ACRE- FEET					2,698	57,106	275	22,268	22,268	22,268	247,074	216,890	177	6,399	843	8,727		

By:  Date: December 20, 1995

REPORT OF THE KERN RIVER WATERMASTER

NOVEMBER 1965

Quantities in S.F.D. except where noted

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

Previous Day	FLOW ABOVE 1ST POINT				FLOW				FLOW ABOVE 1ST POINT				RESERVOIR				RESERVOIR																																										
	ENTL AT 1ST POINT	VALLEY LAKE	GOLF COURSE	LOSS STORAGE	ENTL AT 1ST POINT	VIA KDW	VIA CWD	VIA JAMES	VIA FOR KCWA	VIA FOR IDA	POINT	WD	OLCESE	HACIENDA INC.	WD	LOSS STORAGE	WD	LOSS STORAGE	DAY																																								
329	745	1	0	39	68,487	0	16	93	4	97	197	0	0	2	24	39,578	3	11	20,346																																								
1	337	774	1	0	27	68,022	0	0	79	0	5	250	0	1	15	39,226	1	7	20,338																																								
2	343	781	1	0	21	67,562	0	0	25	7	0	201	0	2	12	38,979	1	6	20,331																																								
3	357	803	1	0	18	67,097	0	0	0	8	0	0	0	2	10	38,958	1	5	20,325																																								
4	353	780	1	0	21	66,648	0	0	0	9	0	0	0	3	12	38,933	0	6	20,319																																								
5	352	771	0	1	30	66,198	0	0	0	6	0	0	0	2	17	38,908	1	8	20,310																																								
6	345	865	1	0	49	65,628	0	0	0	7	0	0	0	2	28	38,870	1	14	20,295																																								
7	366	868	1	0	26	65,099	0	0	0	6	0	0	0	2	15	38,846	1	7	20,287																																								
8	360	830	1	0	40	64,588	0	0	0	1	0	67	0	2	23	38,752	1	11	20,275																																								
9	381	851	1	0	38	64,079	0	0	0	0	0	100	0	2	22	38,627	1	11	20,263																																								
10	389	862	0	0	26	63,580	0	0	0	0	0	111	0	3	15	38,498	1	7	20,255																																								
11	408	826	1	0	26	63,135	0	0	0	3	0	156	0	2	15	38,321	1	7	20,247																																								
12	412	851	1	0	27	62,668	0	0	0	0	0	171	0	2	16	38,131	0	8	20,239																																								
13	418	888	1	0	25	62,172	0	0	0	0	0	171	0	2	15	37,942	1	8	20,230																																								
14	424	916	0	1	22	61,657	0	0	0	0	0	170	0	2	13	37,757	1	6	20,223																																								
15	412	918	1	0	18	61,132	0	0	0	0	0	170	0	2	11	37,573	1	6	20,216																																								
16	408	942	1	0	16	60,581	0	0	0	1	0	170	0	2	10	37,389	1	5	20,210																																								
17	400	928	0	0	20	60,033	0	0	0	1	0	179	0	3	12	37,194	1	6	20,203																																								
18	396	879	1	0	17	59,532	0	0	0	4	0	176	0	2	11	37,000	1	6	20,196																																								
19	395	831	1	0	23	59,072	0	0	0	2	0	174	0	2	14	36,807	0	7	20,189																																								
20	380	829	0	1	22	58,600	0	0	0	1	0	186	0	2	12	36,605	1	6	20,182																																								
21	375	822	1	0	24	58,128	0	0	0	1	0	172	0	2	14	36,415	1	8	20,173																																								
22	358	817	1	0	24	57,644	0	0	0	0	0	168	0	2	14	36,230	1	8	20,164																																								
23	367	800	0	0	16	57,195	0	0	0	0	0	169	0	3	10	36,048	1	5	20,158																																								
24	352	790	1	0	13	56,743	0	0	0	0	0	169	0	2	8	35,868	1	4	20,153																																								
25	366	794	1	0	27	56,287	0	0	0	3	0	168	0	1	16	35,678	1	9	20,143																																								
26	355	777	0	1	27	55,837	0	0	0	3	0	168	0	2	16	35,488	0	9	20,134																																								
27	367	825	1	0	23	55,355	0	0	0	3	0	151	0	2	13	35,319	1	7	20,126																																								
28	360	789	0	0	23	54,903	0	0	0	4	0	60	0	2	14	35,238	1	8	20,117																																								
29	350	764	1	0	16	54,472	0	0	0	6	0	0	0	2	9	35,220	1	5	20,111																																								
30	341	752	0	0	17	54,044	0	0	0	6	0	0	0	3	10	35,201	1	6	20,104																																								
S.F.D.	11,227	24,923	21	4	722	54,044	0	0	104	82	5	451	3,226	22	65	422	35,201	26	216	20,104 S.F.D.																																							
AC.FT.	22,268	49,435	42	9	1,433	107,194	0	0	206	162	9	895	6,399	44	128	837	69,820	52	428	39,876 AC.FT.																																							
TOTAL ACRE-FOOT STORAGE DAYS																			3,625,171	TOTAL ACRE-FOOT STORAGE DAYS																			2,221,528	TOTAL ACRE-FOOT STORAGE DAYS																			1,203,006

REPORT OF THE KERN RIVER WATERMASTER

NOVEMBER 1985

WATERMASTER NOTES *** KERN RIVER BULLETIN

MONTH: November DAY(S): 1-30 PAGE NO.: 1 TITLE OF COLUMN: FRIANT-KERN INFLOW COMMENT: Reflects Friant-Kern Inflow to Kern River channel on behalf of Kern County Water Agency.

ACCRETIONS TO KERN RIVER BELOW ISABELLA DAM

APRIL 1954 TO DATE

Quantities in acre-feet

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	628	966	1,870	-
1955	2,359	1,921	1,821	2,396	1,360	3,288	1,929	402	(314)	551	1,065	2,524	19,331
1956	5,828	1,732	2,448	2,860	2,366	2,347	2,347	3,061	1,119	5,799	1,356	1,452	31,774
1957	2,114	896	1,097	169	1,251	397	918	1,114	(369)	48	743	1,057	9,425
1958	1,484	2,918	6,844	14,550	4,681	(801)	(4,348)	5,125	1,735	222	1,168	1,289	34,677
1959	1,298	1,068	1,544	1,073	540	(836)	3,318	119	(363)	(850)	438	797	7,997
1960	1,071	2,739	1,633	1,581	92	1,311	1,311	1,559	149	502	1,069	1,069	14,397
1961	815	757	914	971	787	128	264	814	734	257	873	1,196	8,306
1962	1,085	6,294	5,125	4,778	2,709	2,271	2,753	633	1,041	635	816	1,936	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	1,682	472	2,378	3,237	1,275	2,408	1,793	577	346	432	926	2,729	18,265
1965	3,172	1,460	4,776	4,776	811	(367)	151	(2,100)	(46)	1,841	1,036	2,285	15,727
1966	2,286	997	1,303	2,095	803	(63)	1,229	1,932	(56)	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	2,698	48,149
1968	1,870	1,300	1,400	1,224	1,383	1,757	2,220	1,993	936	1,887	1,887	2,428	18,616
1969	19,079	17,945	23,687	40,381	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	2,216	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	14,871
1972	1,634	1,204	975	1,003	501	844	180	42	1,188	777	222	1,075	8,473
1973	3,146	4,182	7,696	7,394	6,123	3,811	1,882	3,879	4,188	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	1,585	55	698	497	189	746	17,608
1976	1,646	1,503	1,373	1,562	396	1,675	833	821	1,914	1,879	1,172	1,120	15,684
1977	1,174	1,652	1,844	954	1,124	1,087	822	1,001	683	184	260	2,130	12,715
1978	4,577	28,353	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	2,875	1,718	494	(415)	234	516	1,428	476	1,544	18,882
1980	6,614	9,428	8,860	7,825	3,543	7,595	9,802	8,239	(86)	2	(58)	1,426	63,091
1981	2,961	1,313	2,041	1,858	1,129	140	148	1,766	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	48,582
1983	6,987	17,322	37,912	24,107	12,710	4,711	2,414	2,414	7,454	6,473	5,718	9,390	138,195
1984	7,549	5,329	5,418	3,391	2,701	2,213	4,495	3,870	1,434	3,28	1,460	3,501	42,175
1985	3,759	3,640	3,865	2,714	(625)	(593)	2,897	517	279	1,497	2,264	3,501	23,515
1986	3,734	8,350	8,619	9,540	9,416	13,375	13,969	11,019	2,280	2,850	2,957	2,192	86,331
1987	3,123	2,239	3,822	738	2,535	1,611	1,488	1,149	696	901	418	669	19,387
1988	713	784	1,228	(51)	(15)	1,495	(485)	100	534	415	1,042	870	5,610
1989	998	962	3,415	1,188	2,049	1,464	(716)	671	(9)	130	150	973	11,080
1990	1,471	1,278	1,669	42	286	59	(1,560)	228	170	571	763	973	6,289
1991	1,351	683	3,099	2,963	849	(236)	376	662	(66)	(26)	1,205	1,429	12,309
1992	1,384	2,297	1,800	1,196	(294)	(288)	18	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	9,982
1994	604	1,351	448	226	(1,152)	(367)	259	746	(69)	208	537	1,435	4,203
1995	4,978	2,805	10,025	5,664	10,025	11,210	10,055	11,347	1,390	2,463	1,784	1,481	81,810
Maximum Month	19,079	26,353	37,912	40,381	20,384	13,375	18,659	17,163	7,454	6,473	5,718	14,810	148,110
Minimum Month	551	472	446	(51)	(1,854)	(1,528)	(4,348)	(2,100)	(383)	(890)	(433)	669	669
AcFT Totals	127,768	154,360	202,893	202,083	122,294	97,242	107,749	107,608	45,039	49,447	53,415	95,091	1,395,659
AcFT Average	3,117	3,765	4,948	4,812	2,912	2,315	2,566	2,562	1,087	1,177	1,272	2,319	32,853
SFD Average	51	67	80	81	47	39	42	42	18	19	21	38	45

REPORT OF THE KERN RIVER WATERMASTER

DECEMBER 1965

Quantities in S.F.D. except where noted

DAY	ISABELLA		RESERVOIR		LOSS	FIRST POINT REGULATED FLOW	FLOW ABOVE 1ST PT.	CHANGE IN		COMPUTED 1ST POINT NATURAL FLOW	MEAN RECREATION Pool + Dead Storage = 15,218 S.F.D. (30,184 ACFT)	STORAGE		KERN COUNTY RECREATION	SECOND POINT		FRAMT- KERN INFLOW	DAY
	ELEVATION (FEET)	MIDNIGHT STORAGE ACRE-FEET	S.F.D.	ACRE-FEET				STORAGE+LOSS +1ST POINT +FLOW ABOVE	STORAGE			AT 2ND POINT	RIVER		FRAMT- KERN	FRAMT- KERN		
Previous Day	2571.85	247,074	124,567	33	758	4	341	341	341	124,567	109,349	0	0	0	0	0	50	50
1	2571.77	246,474	124,264	46	589	1	333	333	333	124,264	109,046	3	0	0	0	0	50	1
2	2571.75	246,326	124,189	41	383	0	349	349	349	124,189	108,971	3	0	0	0	0	50	2
3	2571.74	246,251	124,152	43	370	1	377	377	363	124,138	108,920	3	0	0	0	0	50	3
4	2571.67	245,728	123,887	43	557	0	335	381	381	123,919	108,701	3	0	0	0	0	50	4
5	2571.63	245,427	123,736	38	543	1	431	382	382	123,719	108,501	3	0	0	0	0	50	5
6	2571.59	245,128	123,585	29	503	0	381	379	379	123,566	108,348	2	0	0	0	0	50	6
7	2571.54	244,755	123,397	35	476	1	324	359	359	123,413	108,195	3	0	0	0	0	25	7
8	2571.51	244,531	123,284	23	462	0	372	350	350	123,278	108,060	2	0	0	0	0	0	8
9	2571.49	244,383	123,210	17	411	1	355	355	355	123,204	107,986	1	0	0	0	0	0	9
10	2571.47	244,234	123,135	29	385	0	339	352	352	123,142	107,924	2	0	0	0	0	0	10
11	2571.46	244,160	123,097	12	387	1	362	488	488	123,230	108,012	1	0	0	0	0	23	11
12	2571.56	244,904	123,473	3	382	0	761	628	628	123,473	108,255	0	0	0	0	0	35	12
13	2571.74	246,251	124,152	26	444	1	1,150	1,150	1,150	124,152	108,934	2	0	0	0	0	35	13
14	2571.81	246,774	124,415	23	465	0	751	688	688	124,352	109,134	2	0	0	0	0	35	14
15	2571.83	246,924	124,491	3	481	1	561	626	626	124,493	109,275	0	0	0	0	0	35	15
16	2571.85	247,074	124,567	26	464	0	566	537	537	124,540	109,322	2	0	0	0	0	35	16
17	2571.85	247,074	124,567	18	464	1	483	503	503	124,560	109,342	1	0	0	0	0	35	17
18	2571.85	247,074	124,567	12	449	0	461	448	448	124,547	109,329	1	0	0	0	0	35	18
19	2571.83	246,924	124,491	12	463	0	389	443	443	124,515	109,297	1	0	0	0	0	35	19
20	2571.83	246,924	124,491	15	452	1	468	447	447	124,494	109,276	1	0	0	0	0	35	20
21	2571.83	246,924	124,491	26	450	0	476	473	473	124,491	109,273	2	0	0	0	0	44	21
22	2571.83	246,924	124,491	15	459	0	474	498	498	124,515	109,297	1	0	0	0	0	50	22
23	2571.85	247,074	124,567	3	465	1	545	512	512	124,558	109,340	0	0	0	0	0	50	23
24	2571.86	247,149	124,604	23	457	0	517	489	489	124,567	109,349	2	0	0	0	0	50	24
25	2571.84	246,999	124,529	18	463	0	406	439	439	124,525	109,307	1	0	0	0	0	50	25
26	2571.82	246,849	124,453	18	452	1	395	411	411	124,465	109,247	1	0	0	0	0	57	26
27	2571.81	246,774	124,415	23	447	0	432	407	407	124,402	109,184	2	0	0	0	0	65	27
28	2571.79	246,624	124,340	23	445	0	383	420	420	124,354	109,136	2	0	0	0	0	65	28
29	2571.78	246,549	124,302	26	445	1	434	421	421	124,303	109,085	2	0	0	0	0	65	29
30	2571.77	246,474	124,264	23	451	0	436	435	435	124,264	109,046	2	0	0	0	0	65	30
31	2571.77	246,474	124,264	15	449	0	464	464	464	124,264	109,046	1	0	0	0	0	65	31
TOTAL SECOND FOOT DAYS				707	14,113	13	14,530	14,530	14,530	124,264	109,046	52	0	0	0	0	1,289	
TOTAL ACRE-FEET				1,402	27,993	26	28,820	28,820	28,820	246,474	216,290	103	0	0	0	0	2,556	

By: _____ Date: January 17, 1966

REPORT OF THE KERN RIVER WATERMASTER

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Quantities in S.F.D. except where noted

NORTH KERN WATER STORAGE DISTRICT

BUENA VISTA WATER STORAGE DISTRICT

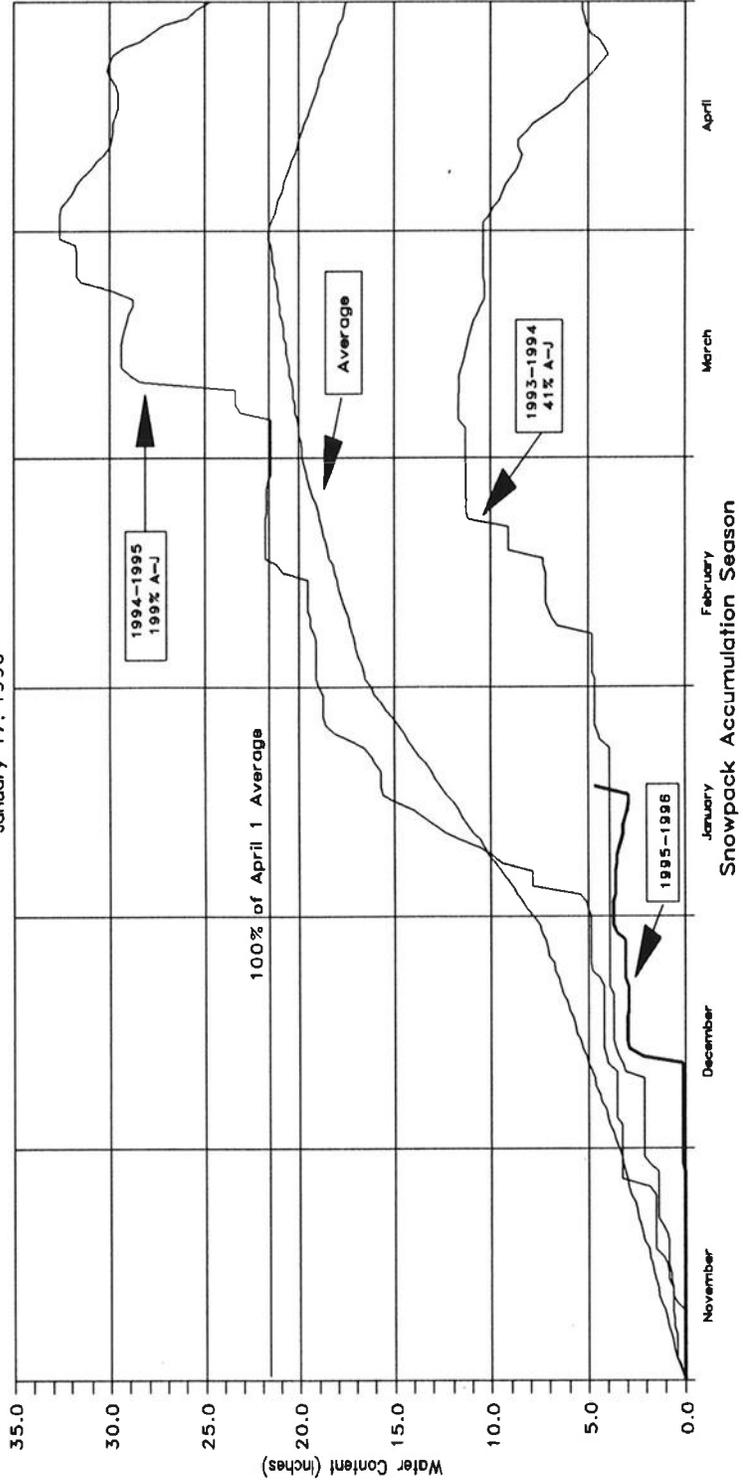
HACIENDA WATER DISTRICT

DAY	FLOW ABOVE 1ST POINT KERN			FLOW ABOVE 1ST POINT CARMEL WATER			FLOW ABOVE 1ST PT. OLCESE			RESERVOIR LOSS STORAGE	WD	LOSS STORAGE	DAY				
	ENTL AT 1ST POINT	VALLEY LAKE MING COURSE	RESERVOIR LOSS STORAGE	ENTL AT 1ST POINT	OLCESE HACIENDA INC.	RESERVOIR LOSS STORAGE	WD	LOSS STORAGE									
1	341	752	0	0	0	0	0	0	0	0	0	1	6				
2	333	589	1	0	23	53,764	0	0	0	15	35,186	0	8				
3	349	383	0	0	21	53,709	0	0	0	13	35,173	0	7				
4	363	370	1	0	22	53,679	0	0	0	14	35,159	0	7				
5	381	557	0	0	22	53,481	0	0	0	14	35,145	0	7				
6	382	543	1	0	20	53,299	0	0	0	12	35,133	0	6				
7	379	503	0	0	15	53,160	0	0	0	9	35,124	0	5				
8	359	476	1	0	18	53,024	0	0	0	11	35,113	0	6				
9	350	462	0	0	12	52,900	0	0	0	7	35,106	0	4				
10	355	411	1	0	9	52,834	0	0	0	5	35,101	0	3				
11	352	385	0	0	15	52,786	0	0	0	9	35,092	0	5				
12	488	387	1	0	6	52,880	0	0	0	4	35,088	0	2				
13	628	382	0	0	1	53,125	0	0	0	1	35,087	0	1				
14	1,150	444	1	0	14	53,816	0	0	0	8	35,079	0	4				
15	688	465	0	0	12	54,027	0	0	0	7	35,072	0	4				
16	626	481	1	0	1	54,170	0	0	0	1	35,071	0	1				
17	537	464	0	0	14	54,229	0	0	0	8	35,063	0	4				
18	503	464	1	0	9	54,258	0	0	0	6	35,057	0	3				
19	448	449	0	0	6	54,251	0	0	0	4	35,053	0	2				
20	443	463	0	0	6	54,225	0	0	0	4	35,049	0	2				
21	447	452	1	0	7	54,212	0	0	0	5	35,044	0	3				
22	473	450	0	0	14	54,221	0	0	0	8	35,036	0	4				
23	498	459	0	0	7	54,253	0	0	0	5	35,031	0	3				
24	512	443	1	0	1	54,320	0	0	0	1	35,008	0	1				
25	489	432	0	0	12	54,365	0	0	0	7	34,976	0	4				
26	439	439	0	0	9	54,356	0	0	0	6	34,946	0	3				
27	411	426	1	0	9	54,331	0	0	0	6	34,914	0	3				
28	407	416	0	0	12	54,310	0	0	0	7	34,876	0	4				
29	420	414	0	0	12	54,304	0	0	0	7	34,838	0	4				
30	421	415	1	0	14	54,295	0	0	0	8	34,800	0	4				
31	435	424	0	0	12	54,294	0	0	0	7	34,766	0	4				
32	464	421	0	0	7	54,335	0	0	0	5	34,735	0	3				
S.F.D.	14,530	13,869	13	0	362	54,335	0	0	0	224	34,735	0	121				
AC.FT.	28,820	27,509	26	0	718	107,772	0	0	0	444	68,886	0	240				
TOTAL ACRE-FOOT STORAGE DAYS											3,310,833	TOTAL ACRE-FOOT STORAGE DAYS		2,153,892	TOTAL ACRE-FOOT STORAGE DAYS		1,231,743

WATERMASTER NOTES *** KERN RIVER BULLETIN

MONTH	DAY(S)	PAGE NO.	TITLE OF COLUMN	COMMENT
December	1-31	1	FRIANT-KERN INFLOW	Reflects Friant-Kern Inflow to Kern River channel on behalf of Kern County Water Agency.
December	31	2	NKWSD RESERVOIR STORAGE BWWSO RESERVOIR STORAGE HACIENDA WD RESERVOIR STORAGE	Reflects transfer of 10 acre-feet (5 s.f.d.) from HACIENDA WATER DISTRICT to NORTH KERN WATER STORAGE DISTRICT and 4 acre-feet (2 s.f.d.) from HACIENDA WATER DISTRICT to BUENA VISTA WATER STORAGE DISTRICT as compensation for additional evaporation of Kern River water due to Rio Bravo Power Plant operations during calendar year 1995 pursuant to terms of May 14, 1986 Memorandum of Understanding between Oicese WD and Kern River Intereests. (Total of 14 acre-feet of additional evaporation; shared 75% NKWSD & 25% BWWSO)

KERN RIVER BASIN SNOWPACK ACCUMULATION
EIGHT SENSOR INDEX
January 17, 1996



CITY OF BAKERSFIELD KERN RIVER FIRST POINT FLOW AND DIVERSION RECORD

DATE: January 1995 Recap

46832
18171
28661
912
27749
N/A

K.C.L. CO. ENTITLEMENT AT SECOND POINT (4.563%) 12
B.V.W.S.D. ENTITLEMENT 224
SEEPAGE LOSS 676
KERN RIVER CONDUIT ENTITLEMENT 0
HACIENDA W.D. ENTITLEMENT AT FIRST POINT 0
TOTAL 912

QUANTITIES IN: ACRE-FEET

% OF ITS DIVERSION RIGHT

RIVER STAGE	DIVERSION RIGHT		GROSS DIVR	GROSS ENTL	RELEASES		ENTITLEMENT LESS RELEASES ... OR PLUS DISTRIBUTED RELEASES				EXCHANGES, SALES OR PURCHASES			NET DIVERSIONS				WATER TRANS. LOSS			ISABELLA RESERVOIR			
	AMT.	NAME OF CANAL			To River	Direct	Pro	KCCLW Co.	KDWD	OTHER	PLUS	LESS	AKWSD	KCC&W Co.	KDWD	OTHER	DIR	PRO	PREVIOUS BALANCE	IN	LOSS	OUT	CURRENT BALANCE	
300.0	300	KERN ISLAND (1-ST)	2590	18171	12	15614	12	2557									2500	12	0	0	2500			
		EASTSIDE																						
		KERN RIVER CONDUIT																						
320.0	20	CASTRO		288	20																			
		KCC&W Co.		817	105		1230																	
330.5	10.5	SOUTH FORK		569	370	2																		
410.5	80	BUENA VISTA (1-ST)		4340	3235	12		201																
530.5	120	JAMES (1-ST)		5448	1930	237		1117																
590.5	20	ANDERSON (1-ST)		847	383	71																		
700.5	150	STONE		5425	4142			1263																
		MEACHAM		732	1113																			
890.5	150	FARMERS		2608	1094	8		1522																
920.5	40	FLUNKET		623	1720	159																		
960.5	40	JOYCE		601	1700	159																		
1000.5	40	JOHANSON		545	1745	159																		
1130.5	130	PIONEER (1-ST)		1612	4804	516																		
1190.5	60	BEARDSLEY (1-ST)		694				694																
		LEFDO (NKWSD)		1486																				
1200.5	10	ANDERSON (2-ND)		105	331	40																		
1240.5	40	JAMES & DIVON		341	1404	159																		
1290.5	10	WILSON		40	214																			
		KCC&W Co.		24	147																			
1276.5	26	McCAFFREY		171	879	119																		
		LEFDO 30%		399																				
		BEARDSLEY 70%		274																				
1376.5	100	CALLOWAY CENTRAL 20%		2896	1442	1716																		
		NKWSD		1095	5782	147																		
2228.5	850	RAILROAD KCC&W Co. 20%																						
		NKWSD		200																				
2426.5	200	NKWSD 80%																						
2516.5	90	BUENA VISTA (2-ND)																						
2836.5	190	JAMES (2-ND)																						
2866.5	170	PIONEER (2-ND)																						
3108.5	240	BEARDSLEY (3-RD)																						
3162.5	56	KERN ISLAND (2-ND)																						
		ROSEDALE RBWSD		6750																				
		TRUXUN LAKES																						
		LAKE MING																						
		KERN VALLEY GOLF COURSE																						
		LA HACIENDA, INC.																						
		2800 ACRE BANKING		105																				
		BUWSD VIA KERN DELTA WD																						
		BUENA VISTA WSD TO 2800 AC.																						
		BUWSD FOR ID4																						
		NKWSD FOR ID4																						
		ARWIN-EDINSON TUBOUT		739																				
TOTALS	39		14634	45932	24455	24455	0	39800	5359	6479	1294	14750	12104	801	8301	2563	0	4531	0					
		LOSS	5205	676																				
		FLOW AT FIRST POINT	39	19839	46808																			

TOTAL CHANGE IN STORAGE = 26492

NOTES:
Kern Island Exch. Loss: from BUWSD = 45
Lerdo Exch. Plus: City to NKWSD (B/P) = 934
Lerdo Exch. Plus: KRC&I 30% Ent'l Sale = 196
Lerdo Exch. Loss: NKWSD to City (B/P) = 7966
Lerdo (NKWSD): City to NKWSD (Misc.) = 708
Cally (Central): BUWSD to ID4 = 1363
Cally (Central): NKWSD to ID4 = 1485
Cally: City to K-TWD (Misc.) = 24
Cally: City to RGWD (Misc.) = 4
River Loss: BUWSD to ID4 = 1199
River Loss: NKWSD to ID4 = 1448
River Loss: City to K-TWD (Misc.) = 38
River Loss: City to RGWD (Misc.) = 6
River Loss: City to RRBWSD (Basic) = 1196

CITY OF BAKERSFIELD KERN RIVER FIRST POINT FLOW AND DIVERSION RECORD

DATE: March 1995 Recap

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

156387
18315
138072
85483
52589
N/A

K.C.L. CO. ENTITLEMENT AT SECOND POINT (4.563%) 2132
B.V.W.S.D. ENTITLEMENT..... 48742
SEEPAGE LOSS..... 676
KERN RIVER CONDUIT ENTITLEMENT..... 33275
HACIENDA W.D. ENTITLEMENT AT FIRST POINT..... 658
TOTAL..... 85483

% OF IT'S DIVERSION RIGHT

RIVER STAGE	DIVERSION RIGHT		GROSS DIV/R	GROSS ENT/L	RELEASES		ENTITLEMENT LESS RELEASES				EXCHANGES, SALES OR PURCHASES				NET DIVERSIONS				WATER TRANS. LOSS			ISABELLA RESERVOIR		
	AMT.	NAME OF CANAL			To River	Direct	Pro Distribution	NKWS	KCC&W Co.	KDWD	OTHER	PLUS	LESS	NKWS	KCC&W Co.	KDWD	OTHER	DIR	PRO	IN	PREVIOUS BALANCE	LOSS	OUT	CURRENT BALANCE
300.0	300	K.C.L. Co. ENTL @ 2ND PT.	2132	18982	8288		2132	10114		541	167				4332			5596	9499	95	0	15000		
		KERN ISLAND (1-ST)	3958								286				214									
		EASTSIDE	500																					
		KERN RIVER CONDUIT																						
320.0	20	CASTRO		115	194																			
		KCC&W Co.		351	573	2																		
330.5	10.5	SOUTH FORK		252	121																			
410.5	80	BUENA VISTA (1-ST)	1388	1861	1440																			
530.5	120	BUENA VISTA (1-ST)	2789	2789	4062	12	6863	3301	319						1398									
580.5	20	ANDERSON (1-ST)		466	367	2	835																	
700.5	180	STINE	1388	3485	218	1591		4858							1016									
730.5	30	MEACHAM	694	985	2	1081		3664							1589									
880.5	180	FARMERS	1758	3485	55	234																		
920.5	40	FLUNKET		934	4		942																	
960.5	40	JOYCE		934	4		938																	
1000.5	40	JOHNSON		934	4		938																	
1130.5	130	PIONEER (1-ST)	3021	3021	14	3035																		
1190.5	60	BEARDSLEY (1-ST)	623	1396	6			1402							599									
		LERDO (NKWS)	15003												663									
1200.5	10	ANDERSON (2-ND)		226			226																	
1240.5	40	JAMES & DIXON		934	4		938																	
1280.5	10	WILSON		125																				
		KCC&W Co.		101			226																	
1276.5	26	McCAFFREY		609	2	611																		
		McCORD		684	2	686																		
1376.5	100	BEARDSLEY 70%		1623	61																			
		CALLOWAY CENTRAL 20%	2864	3397	16																			
2226.5	680	RAILROAD	2628	13579	63	13642																		
		BUENA VISTA (2-ND)	2628	638	4																			
2428.5	200	RAILROAD	2628	2533	14	2547																		
2516.5	90	BUENA VISTA (2-ND)		1289	186																			
2636.5	180	JAMES (2-ND)		2174	16	2190																		
2888.5	170	PIONEER (2-ND)		1684	16	1700																		
3106.5	240	BEARDSLEY (3-RD)		1811	4																			
3162.5	56	KERN ISLAND (2-ND)		368	360																			
		ROSEDALE BEWSD	6573																					
		TRUKUN LAKES																						
		LAKE MING																						
		KERN VALLEY GOLF COURSE																						
		LA HACIENDA, INC.																						
		2800 ACRE BANKING	4288																					
		BEWSD VIA KERN DELTA WD																						
		BEWSD FOR OLCESE WD																						
		BUENA VISTA WSD TO 2800 AC.																						
		BEWSD F--KERN EXCH.																						
		KERNFRONT--KERN EXCH.																						
		ROSEDALE BANCH ID																						
TOTALS			100	40781	106311	9206	8991	215	39334	38791	23068	5118	9495	15556	14635	8549	1449	7210	0					
		LOSS		7894	676																			
		FLOW AT FIRST POINT	100	49665	106987																			

TOTAL CHANGE = 62803
IN STORAGE =

NOTES:
Kern Island Exch. Less: from BWSD = 167
Kern Island Exch. Plus: F-K Exch. = 541
Eastside Exch. Less: from BWSD = 286
Lerdo (NKWS): City to CWD (Contract) = 542
Lerdo (NKWS) - Other: KRC&I Entl = 1449
Lerdo Exch. Less: F-Kern Supply = 911
Lerdo (NKWS): City to NKWS (Misc.) = 121

Beardsley: City to K-TWD = 514
Beardsley: City to RG TWD = 79
Cally (Central): City to K-TWD = 1276
Cally (Central): City to RG TWD = 200
River Loss: City to K-TWD = 303
River Loss: City to RG TWD = 94

CITY OF BAKERSFIELD KERN RIVER FIRST POINT FLOW AND DIVERSION RECORD

DATE: April 1995 Recap

143244
17851
125393
83808
41585
N/A

QUANTITIES IN: ACRE-FEET

K.C.L. CO. ENTITLEMENT AT SECOND POINT (4.563%) 2017
B.V.W.S.D. ENTITLEMENT 39648
SEEPAGE LOSS 655
KERN RIVER CONDUIT ENTITLEMENT 26715
HACIENDA W.D. ENTITLEMENT AT FIRST POINT 14773
TOTAL 83808

% OF IT'S DIVERSION RIGHT

RIVER STAGE	DIVERSION RIGHT		GROSS DIV'R	GROSS ENTL	RELEASES		ENTITLEMENT LESS RELEASES ... OR PLUS DISTRIBUTED RELEASES		EXCHANGES, SALES OR PURCHASES		NET DIVERSIONS				WATER TRANS. LOSS		ISABELLA RESERVOIR		CURRENT BALANCE		
	AMT.	NAME OF CANAL			To River	Direct	Pro	KC&W Co.	Other	Plus	Less	NKWS	KC&W Co.	KDWD	Other	DIR	PRO	PREVIOUS BALANCE		LOSS	IN
300.0	300	K.C.L. CO. ENTL @ 2ND PT. KERN ISLAND (1-ST) EASTSIDE	1676	17851	7297		10554	63	371		9286			159	15000	159	0	15000			
320.0	20	KERN RIVER CONDUIT		26715		26715			577		1099										
330.5	10.5	KC&W Co. SOUTH FORK	30	286	177	1190								4404	23854	347	974	26937			
410.5	80	BLENA VISTA (1-ST)	3621	1612	413	4737	625				3621	30		595	1154		0	1749			
530.5	120	JAMES (1-ST)	2420	2420	3814	6234								1953	6286	77	0	8162			
560.5	20	ANDERSON (1-ST)	407	407	438	845															
700.5	150	STINE	1728	3022	990	2215					1728			487	8608	95	0	9000			
730.5	30	MEACHAM	601	601	426	1027								390	5679	63	6	6000			
860.5	150	FARMERS	1454	3022	1247	1775			63		1391										
920.5	40	FLUNKET	813	813	325	1198															
960.5	40	JOYCE	813	813	71	864															
1000.5	40	JOHNSON	813	813	32	845															
1130.5	130	PIONEER (1-ST)	1781	2623	75	2698			1781					1855	4522	56	0	6321			
1190.5	60	BEARDSLEY (1-ST)	816	1210			1210							2678	110402	1103	3237	108740			
1200.5	10	LERDO (NKWS)	27442																		
1240.5	40	ANDERSON (2-ND)	188	188		188															
1240.5	40	JAMES & DIXON	813	813		813															
1250.5	10	WILSON	123	123																	
1276.5	26	KC&W Co. McCAFFREY	530	530		530															
1376.5	100	LERDO	601	601		601															
1376.5	100	BEARDSLEY 70%	1407	1407		1407															
2236.5	850	CALLOWAY CENTRAL	3472	2927		2927															
2236.5	850	NKWS	9611	11703		11703															
2466.5	200	RAILROAD KC&W Co.	410	410		410															
2466.5	200	NKWS	1635	1635		1635															
2616.5	90	BUENA VISTA (2-ND)	857	857		857															
2636.5	180	JAMES (2-ND)	948	948		948															
2866.5	170	PIONEER (2-ND)	629	629		629															
3106.5	240	BEARDSLEY (3-RD)	643	643		643															
3162.5	56	KERN ISLAND (2-ND)	151	151		151															
		ROSEDALE FBWS	11572																		
		TRUKUN LAKES LAKE MING																			
		KERN VALLEY GOLF COURSE																			
		LA HACIENDA, INC.																			
		2600 ACRE BANKING	17968																		
		HACIENDA WD TO 2600 AC.																			
		BIWSD WA KERN DELTA WD																			
		BIWSD FOR OLDFE WD																			
		BUENA VISTA WSD TO 2600 AC.																			
		BIWSD FOR LA HACIENDA, INC.																			
		BIWSD TO KERN WATER BANK																			
		ROSEDALE BRANCH ID																			
TOTALS			237	90775	86168	9685	31430	20118	3865	20841	33294	18370	17135	1435	9630	0					
		LOSS		10285	655																
FLOW AT FIRST POINT			237	101060	86823																

TOTAL CHANGE IN STORAGE = 6404

NOTES:
Kern Island Exch. Less: from BIWSD = 371
Kern Island Exch. Plus: F-K Exch = 63
Eastside Exch. Less: from BIWSD = 577
Lerdo (NKWS): City to CWD (Contract) = 2658
Lerdo (NKWS) - Other: MKC&I Ent'l = 978
RRBWSD: City to RRBWSD = 11519
RRBWSD: City to Bolthouse Farms, Inc. = 53
Pioneer: HWD to Kern Water Bank = 1781

Cally (Central): City to K-TWD = 1962
Cally (Central): City to RGWD = 294

CITY OF BAKERSFIELD KERN RIVER FIRST POINT FLOW AND DIVERSION RECORD

DATE: May 1995 Recap

COMPUTED NATURAL FLOW AT FIRST POINT... 255046
 LESS NON-CONTRIBUTING CANALS... 18446
 FOR OTHERS AND FIRST POINT CANALS... 236600
 TO BE CONTRIBUTED BY OTHER CANALS... 157785
 TO BE USED BY OTHER CANALS... 78815
 EACH OTHER CANAL TO RECEIVE... N/A

QUANTITIES IN: ACRE-FEET

K.C.L. CO. ENTITLEMENT AT SECOND POINT (4.563%)... 4270
 B.V.W.S.D. ENTITLEMENT... 84105
 SEEPAGE LOSS... 676
 KERN RIVER CONDUIT ENTITLEMENT... 39896
 HACIENDA W.D. ENTITLEMENT AT FIRST POINT... 28838
 TOTAL... 157785

RIVER STAGE	DIVERSION RIGHT		GROSS		RELEASES		ENTITLEMENT LESS RELEASES			EXCHANGES, SALES OR PURCHASES		NET DIVERSIONS				WATER TRANS. LOSS		ISABELLA RESERVOIR						
	AMT.	NAME OF CANAL	GROSS DIVR	GROSS ENTL	To River	Distribution Pro	MKWS	KCC&W Co.	KDWD	OTHER	PLUS	LESS	MKWS	KCC&W Co.	KDWD	OTHER	DIR	PRO	IN	PREVIOUS BALANCE	LOSS	OUT	CURRENT BALANCE	
300.0	300	K.C.L. Co. ENT. @ 2ND PT.	12316	18446	2857		3539	731	15589			567			11749			3164	15000	184	218	17762		
		KERN ISLAND (1-ST)	2380									621		67	1862									
		EASTSIDE																						
320.0	30	CASTRO		39896				39896																
		KC&W Co.																						
330.5	10.5	SOUTH FORK	10	295				1230																
410.5	80	BUENA VISTA (1-ST)	2170	2200	8			3489	647					2170			8010		22984	26937	473	0	49448	
530.5	120	JAMES (1-ST)	2895	3308															637	1749		0	2366	
590.5	20	ANDERSON (1-ST)	547	547				1182											2947	8162	109	0	71000	
700.5	180	STINE	2610	4132	1425			2707						2610										
730.5	30	MEACHAM		833				238																
860.5	150	FARMERS	1906	4132	2163			1969						1906										
880.5	40	FLUNKET		1107				1307	298															
960.5	40	JOYCE		1107				1216	298															
1000.5	40	JOHNSON		1107				1166	298															
1130.5	130	PIONEER (1-ST)	1932	3580				3449	673															
1190.5	60	BEARDSLEY (1-ST)	1629	1646				1946																
		LERDO (MKWS)	31610											20492	8063									
1200.5	10	ANDERSON (2-ND)		278				230	48															
1240.5	40	JAMES & DIXON		1107				918	189															
1260.5	10	WILSON		157																				
		KCC&W Co.																						
1276.5	26	McCAFFREY		121				278																
		LERDO		829				593	121															
		BEARDSLEY 70%		1834				690	139															
1376.5	100	CALLLOWAY CENTRAL 20%		1934				1934																
2236.5	890	RAILROAD KCC&W Co. 20%		18706				4677	3221					17939	3434									
2426.5	200	BUENA VISTA (2-ND)		4413				1103																
2516.5	90	JAMES (2-ND)		2481				3525	888															
2866.5	180	PIONEER (2-ND)		4957				1628																
2866.5	170	PIONEER (2-ND)		4663				3963	994															
3108.5	240	BEARDSLEY (2-ND)		6602				3741	942															
3182.5	58	KERN ISLAND (2-ND)		1512				798																
		ROSEDALE RBWS	11894																					
		LAKE MING	904																					
		COUNTY OF KERN	240																					
		KERN VALLEY GOLF COURSE																						
		PIONEER BANKING	1220																					
		BERRENDA MESA SPREADING	315																					
		2800 ACRE BANKING	8799																					
		HACIENDA WD TO 2800 AC.																						
		BWS FOR KCWA																						
		BWS VIA KERN DELTA WD																						
		BWS FOR OLCESE WD																						
		BWS FOR LA HACIENDA, INC.																						
		HWD TO KERN WALTER BANK																						
		ROSEDALE BRANCH ID																						
TOTALS			353	105525	141427	8020	8020	0	48800	57618	26180	10829	16814	16606	37831	26624	20127	4690						
		LOSS		8996	676																			
		FLOW AT FIRST POINT	353	114421	142103																			

NOTES:
 Kern Island Exch. Less: from BVWS = 567
 Eastside Exch. Less: from BVWS = 621
 Eastside (KCC&W Co.): City Misc. = 67
 Lerdo (MKWS): City to CWD (Contract) = 8063
 Lerdo (MKWS) - Other: KRC&I Entl = 3055
 RBWS: City To RBWS = 11687
 RBWS: HWD to Bolthouse Farms, Inc. = 207
 Pioneer: HWD to Kern Water Bank = 1932
 James: BVWS Pioneer Property Banking = 2895
 BVWS Pioneer Property Banking = 1098
 BVWS for KCWA: Pioneer Banking = 122
 BVWS for KCWA: 2800 Ac. Banking = 4543
 BVWS for KCWA: Berrenda Mesa = 315
 BVWS for KCWA: River Loss = 208
 City (Contract): City to K-TWD = 2993
 City (Contract): City to RGWD = 451
 Trustun Lakes: City to K-TWD = 790
 Trustun Lakes: City to RGWD = 114
 MKWS/KCC&W Co. Entl: Reflects MKWS Release to City (in excess of Maximum Diversion Right)

TOTAL CHANGE IN STORAGE = 41936

8218

CITY OF BAKERSFIELD KERN RIVER FIRST POINT FLOW AND DIVERSION RECORD

DATE: June 1995 Recap

COMPUTED NATURAL FLOW AT FIRST POINT... 293129
 LESS NON - CONTRIBUTING CANALS... 17851
 FOR OTHERS AND FIRST POINT CANALS... 275278
 TO BE CONTRIBUTED BY OTHER CANALS... 195771
 TO BE USED BY OTHER CANALS... 79507
 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%)... 5175
 B.V.W.S.D. ENTITLEMENT... 99341
 SEEPAGE LOSS... 655
 KERN RIVER CONDUIT ENTITLEMENT... 46695
 HACIENDA W.D. ENTITLEMENT AT FIRST POINT... 43305
 TOTAL... 195771

RIVER STAGE	DIVERSION RIGHT		GROSS DIVR	GROSS ENT'L	RELEASES		ENTITLEMENT LESS RELEASES ... OR PLUS DISTRIBUTED RELEASES		EXCHANGES, SALES OR PURCHASES		NET DIVERSIONS		WATER		ISABELLA RESERVOIR						
	AMT.	NAME OF CANAL			To River	Direct	Pro	MKWS	KCC&W Co.	KDWD	OTHER	PLUS	LESS	MKWS	KCC&W Co.	KDWD	OTHER	IN	PREVIOUS BALANCE	LOSS	OUT
300.0	300	K.C.L. Co. ENTL @ 2ND PT. KERN ISLAND (1-87)	5175	17851		431	4744	17851				26	2017			165	17762	248	6177	11502	
		EASTSIDE KERN RIVER CONDUIT																			
320.0	20	CASTRO	149		141			46695													
		KCC&W Co.			458																
330.5	10.5	SOUTH FORK	250	288	256			1154		10000				6720		26038	49448	935	9483	65068	
410.5	80	BUENA VISTA (1-87)	4396	2220	1078			2220	544							332	2386		38	2680	
500.5	120	JAMES (1-87)	4137	3384	1078			4137		4137						93	11000	177	479	10437	
550.5	20	ANDERSON (1-87)	555		43			4012													
700.5	150	STINE	4282	4165	153																
		MEACHAM																			
880.5	150	FARMERS	2993	4165	1075			3090													
		FLANNET																			
980.5	40	JOYCE	1117	1117				1029	88												
1000.5	40	JOHNSON	1117	1117				1014	103												
1130.5	130	PIONEER (1-87)	8569	3606				3187	419												
1190.5	60	BEARDSLEY (1-87)	2529	1864				1664													
		LERDO (MKWS)																			
1200.5	10	ANDERSON (2-ND)	276					246	30												
1240.5	40	JAMES & DIXON	1117	1117				986	131												
1280.5	10	WILSON	157																		
		KCC&W Co.																			
1276.5	28	McCAFFREY	712					276	83												
		McCORD							95												
1376.5	100	BEARDSLEY 70% CENTRAL 20%	893	1944				1944													
2226.5	850	CALL OWAY CENTRAL 20% MKWS 80%	670	18277				4723	2191												
		RAILROAD KCC&W Co. 20% MKWS 80%	1113					1113	1113												
2428.5	200	BUENA VISTA (2-ND)	4449	2495	705			3933	516												
2616.5	180	JAMES (2-ND)	5000	4722				4421	579												
2666.5	170	PIONEER (2-ND)	6666	6666				4173	549												
3106.5	240	BEARDSLEY (3-RD)	1559																		
3162.5	56	KERN ISLAND (2-ND)	9281	1083				1559													
		ROSEDALE RBWS																			
		TRUXTUN LAKES																			
		LAKE MING																			
		COUNTY OF KERN																			
		KERN VALLEY GOLF COURSE																			
		PIONEER PROPERTY (North Central)																			
		BERRENDA MESA SPREADING																			
		2800 ACRE BANKING																			
		BOSWELL TURNOUT																			
		BIWSD VIA CMD																			
		BIWSD FOR KOWA																			
		BIWSD VIA KERN DELTA WD																			
		BIWSD VIA PIONEER PROPERTY																			
		BIWSD FOR O. GESSELA HACIENDA																			
		HWD TO KERN WATER BANK																			
		ROSEDALE BRANCH ID																			
TOTALS			485	142780	149228	1933	1933	0	48200	59688	30522	10818	48234	42736	40982	26413	37093	6041	7218	0	7218
		LOSS	485	7874	655																
		FLOW AT FIRST POINT	485	150654	149883																

TOTAL CHANGE IN STORAGE = 28103

NOTES:
 Kern Island Exch. Less: from BWWS = 1271
 Eastside Exch. Less: from BWWS = 1059
 Eastside (KCC&W Co.) City Misc = 26
 Lerdo (MKWS): City to CMD (Contract) = 7737
 Lerdo Exch. Less: BWWS via CMD = 4495
 Lerdo (MKWS) - Other, KRC&I Ent'l = 3082
 Lerdo Exch. Plus: City to MKWS (Contract) = 10000
 RBWS: City To RBWS = 9937
 RBWS: BWWS (Henry Miller) = 609
 Pioneer: HWD to Kern Water Bank = 5435
 Pioneer: BWWS for KCWA = 3003
 James: BWWS Pioneer Property = 1638
 Boswell T.O.: HWD to Kern Water Bank = 2499
 BWWS via Pioneer Property = 871
 Pioneer Property: City to RBWS = 825
 BWWS for KCWA: 2600 Ac. Banking = 1884
 BWWS for KCWA: Berrenda Mesa = 7267
 BWWS for KCWA: Pioneer Property = 2114
 BWWS for KCWA: River Loss = 498
 Cally: Exch. Less: BWWS for KCWA = 633
 Cally: (Central): City to K-TWD = 3496
 Truxtun Lakes: City to: K-TWD (952); RGWD (131)
 RBWS: City to K-TWD (539); City to RGWD (81)
 Pioneer: City to K-TWD (87); City to RGWD (14)
 NKWS/KCC&W Co. Ent'l: Reflects NKWS Release
 to City (in excess of Maximum Diversion Right)

CITY OF BAKERSFIELD KERN RIVER FIRST POINT FLOW AND DIVERSION RECORD

DATE: July 1985 Recap

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

237802
 18446
 219356
 171879
 47477
 N/A

K.C.L. CO. ENTITLEMENT AT SECOND POINT (4.563%)..... 3933
 B.V.W.S.D. ENTITLEMENT..... 71522
 SEEPAGE LOSS..... 676
 KERN RIVER CONDUIT ENTITLEMENT..... 43307
 HACIENDA W.D. ENTITLEMENT AT FIRST POINT..... 52441
 TOTAL..... 171879

% OF IT'S DIVERSION RIGHT

RIVER STAGE	AMT.	NAME OF CANAL	DIVERSION RIGHT		GROSS DIVR	GROSS ENTL	RELEASES		ENTITLEMENT LESS RELEASES ... OR PLUS DISTRIBUTED RELEASES			EXCHANGES, SALES OR PURCHASES			NET DIVERSIONS			WATER TRANS. LOSS		ISABELLA RESERVOIR				
			To R/HR	Distribution Pct			Kern	Other	Kern	Other	Plus	Less	Kern	Other	Other	DR	PRO	IN	PREVIOUS BALANCE	LOSS	OUT	CURRENT BALANCE		
300.0	300	K.C.L. Co. ENTL @ 2ND PT.			3933	18446			3933	18446									0	11502	190	6250	5062	
		KERN RIVER CONDUIT			43307			43307																
300.0	20	CASTRO		87			56																	
		KCC&W Co.																						
330.5	10.5	SOUTH FORK		185	177		166	559		280														
410.5	80	BUENA VISTA (1-ST)		6724	1394	218	103																	
500.5	120	JAMES (1-ST)		6936	2083		700			1176														
550.5	20	ANDERSON (1-ST)		337																				
700.5	150	STINE		5758	2610	289				2321														
730.5	30	MEACHAM		530																				
800.5	150	FARMERS		4201	2610	296				2314														
820.5	40	FLUNKET		698																				
860.5	40	JOYCE		698																				
1000.5	40	JOHANSON		698																				
1130.5	130	PIONEER (1-ST)		14188	2259					1035														
1190.5	60	BEARDSLEY (1-ST)		2473	1035																			
		LERDO (NKWSD)		42869																				
1200.5	10	ANDERSON (2-ND)		175																				
1240.5	40	JAMES & DIXON		698																				
1280.5	10	WILSON		93																				
		KCC&W Co.																						
1276.5	26	McCAFFREY		460						175														
		McCORD		524																				
1376.5	100	BEARDSLEY 70%		1220																				
		CALLOWAY CENTRAL 20%		2950						1220														
2226.5	850	RAILROAD		698																				
		ROSEDALE RWISD		728																				
2426.5	200	TRUXTON LAKES		15581																				
2516.5	90	BUENA VISTA (2-ND)		1515																				
2636.5	180	JAMES (2-ND)		2743																				
2866.5	170	PIONEER (2-ND)		2362																				
3108.5	240	BEARDSLEY (3-RD)		3194																				
3162.5	56	KERN ISLAND (2-ND)		728																				
		ROSEDALE RWISD		13581																				
		TRUXTON LAKES		1143																				
		COUNTY OF KERN		922																				
		PIONEER PROPERTY (North/Central)		2216																				
		BERRENDA MESA SPREADING		284																				
		2800 ACRE SPREADING		8118																				
		BOSWELL TURNOUT		1857																				
		BWSD VIA CWD																						
		BWSD VIA RWISD																						
		BWSD FOR KCWA-ID4																						
		BWSD VIA KERN DELTA WD																						
		BWSD OVERDRAFT CORRECTION																						
		BWSD/HWD VIA CLESEE WD																						
		HWD TO KERN WATER BANK																						
		ROSEDALE BRANCH/D																						
TOTALS			550	170164	113163	1025	1025	0	35467	47689	26278	5729	49216	48585	45819	34964	42107	4569	8503	0				
		LOSS																						
FLOW AT FIRST POINT			550	9179	676																			

TOTAL CHANGE IN STORAGE = -27045

NOTES:

Kern Island Exch. Less: from BWSD = 1232
 Eastside Exch. Less: from BWSD = 902
 Eastside (KCC&W Co.); City Misc. = 28
 Lerdo (NKWSD); City to CWD (Contract) = 6400
 Lerdo Exch. Less: BWSD via CWD = 7127
 Lerdo Exch. Plus: City to NKWSD (Contract) = 5000
 Lerdo (NKWSD) - Other KRC& Ent'l = 1635
 RWISD: City to RWISD = 10289
 RWISD Exch. Less: from BWSD (HWD) = 738
 BWSD Overdraft Correction: James (1541), Plon. (840)
 HWD to KWB: James = 3792, Pioneer = 7529
 HWD to KWB: Boswell Turnout = 1857
 HWD to KWB: 2800 Acre Spreading = 3582
 BWSD for KCWA: Berrenda Mesa = 284
 BWSD for KCWA: Pioneer = 902
 BWSD for KCWA: Calloway = 1462
 BWSD for KCWA: River Loss = 1506
 Cally. (Central): City to K-TWD = 594
 Cally. (Central): City to RWISD = 3447
 Truxton Lakes: City to K-TWD = 516
 Truxton Lakes: City to RWISD = 911
 ID4/RWISD: City to K-TWD = 143
 ID4/RWISD: City to RWISD = 8177
 For Detail on ID4/RWISD & BWSD for KCWA-ID4 See ID4 Summary & RWISD Report for July 1985

CITY OF BAKERSFIELD KERN RIVER FIRST POINT FLOW AND DIVERSION RECORD

DATE: August 1995 Recap

89657
18446
71211
43575
27636
N/A

1093
22792
676
19024
0
43575

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

QUANTITIES IN: ACRE-FEET

% OF ITS DIVERSION RIGHT

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

RIVER STAGE	DIVERSION RIGHT		GROSS DIVR	GROSS ENTL	RELEASES		ENTITLEMENT LESS RELEASES			EXCHANGES SALES OR PURCHASES			NET DIVERSIONS			WATER TRANS. LOSS		ISABELLA RESERVOIR			
	AMT	NAME OF CANAL			To River	ENTL	Direct	Pro	MKWS	KCC&W Co.	Other	PLUS	LESS	MKWS	KCC&W Co.	Other	DIR	PRO	IN	PREVIOUS BALANCE	LOSS
300.0	300	K.C.L. Co. ENTL @ 2ND PT.	1093	1093			1093										0	5062	48	4798	216
		KERN ISLAND (1-ST)	23967	18446				18446									0	63739	1351	16782	45606
		EASTSIDE	2955														220	2775	22	2973	2000
		KERN RIVER CONDUIT		19024			19024										67	6000	83	3978	1500
330.0	20	CASTRO	113	325	96	308	842										97	4000	85	1512	2500
		KCC&W Co.		240				440									48	5000	85	3415	1500
300.5	10.5	SOUTH FORK	242	7015	200	1107											0	63739	1351	16782	45606
410.5	80	BUENA VISTA (1-ST)	1777	2668				2884									220	2775	22	2973	2000
500.5	120	JAMES (1-ST)	6940	2668	751												67	6000	83	3978	1500
590.5	20	ANDERSON (1-ST)	438	3332													0	5000	85	3415	1500
700.5	150	STONE	1269	674				2063									0	5000	85	3415	1500
730.5	30	MEACHAM	37988	1151													0	5000	85	3415	1500
800.5	150	FARMERS	3544	3322	1193			2129									97	4000	85	1512	2500
920.5	40	FLINKET	845	821													0	5000	85	3415	1500
960.5	40	JOYCE	801	801													0	5000	85	3415	1500
1000.5	40	JOHNSON	821	801													0	5000	85	3415	1500
1130.5	130	PIONEER (1-ST)	11778	2569													0	5000	85	3415	1500
1190.5	80	BEARDSLEY (1-ST)	1908	1151				1151									0	5000	85	3415	1500
		LEDDO (MKWS)	37988	1151													0	5000	85	3415	1500
1200.5	10	ANDERSON (2-ND)	196	718													0	5000	85	3415	1500
1240.5	40	JAMES & DIXON	718	95													0	5000	85	3415	1500
1290.5	10	WILSON	95	83													0	5000	85	3415	1500
		KCC&W Co.		421				178									0	5000	85	3415	1500
1276.5	26	McCAFFREY	421	371													0	5000	85	3415	1500
		McCord	371	865													0	5000	85	3415	1500
1376.5	100	BEARDSLEY 70%	865	1148													0	5000	85	3415	1500
		CALLOWAY CENTRAL 20%	11105	4582				1148									0	5000	85	3415	1500
2226.5	850	MKWS 80%	15323	16				16									0	5000	85	3415	1500
		RAILROAD KCC&W Co. 20%	16	65													0	5000	85	3415	1500
2436.5	200	MKWS 80%	65	83													0	5000	85	3415	1500
2516.5	90	BUENA VISTA (2-ND)	83	421													0	5000	85	3415	1500
2898.5	180	JAMES (2-ND)	421	371													0	5000	85	3415	1500
2866.5	170	PIONEER (2-ND)	371	865													0	5000	85	3415	1500
3106.5	240	BEARDSLEY (3-RD)	865	1148													0	5000	85	3415	1500
3162.5	56	KERN ISLAND (2-ND)	1148	16													0	5000	85	3415	1500
		ROSDALE RBWS	14110	66189													0	5000	85	3415	1500
		TRUXTON LAKES	1225	676													0	5000	85	3415	1500
		LAKE MING	663	66875													0	5000	85	3415	1500
		COUNTY OF KERN															0	5000	85	3415	1500
		KERN VALLEY GOLF COURSE	13961	6199													0	5000	85	3415	1500
		PIONEER PROPERTY (North/Central)	133	133													0	5000	85	3415	1500
		BERRANDA MESA SPREADING	8090	2025													0	5000	85	3415	1500
		2900 ACRE SPREADING	2025	2025													0	5000	85	3415	1500
		BOSWELL TURNOUT	2025	2025													0	5000	85	3415	1500
		BWSND PIONEER BANKING		1004													0	5000	85	3415	1500
		BWSND VIA OMD		6923													0	5000	85	3415	1500
		BWSND VIA RBWSND		739													0	5000	85	3415	1500
		BWSND FOR ID4		26935													0	5000	85	3415	1500
		BWSND VIA KERN DEL TA WD		3636													0	5000	85	3415	1500
		BWSND OVERDRAFT CORRECTION		2020													0	5000	85	3415	1500
		BWSNDHWD VIA CLCESE WD		407													0	5000	85	3415	1500
		HWD TO KERN WATER BANK		27702													0	5000	85	3415	1500
		HWD VIA RBWSND		3054													0	5000	85	3415	1500
		ARVIN-EDISON TURNOUT	8241	8241													0	5000	85	3415	1500
		ROSDALE RANCH ID	557	66189													0	5000	85	3415	1500
		LOSS	7179	66875													0	5000	85	3415	1500
		FLOW AT FIRST POINT	557	66875													0	5000	85	3415	1500
		TOTALS	557	66189	2462	2462	0	17013	21208	25522	2456	79538	78981	37922	25124	39067	3073	6504	0	6504	

TOTAL CHANGE IN STORAGE = -49627

NOTES:
Kern Island Exch. Less: from BWWSND = 1884
Eastside Exch. Less: from BWWSND = 1728
Eastside (KCC&W Co.): City Misc = 56
Buena Vista Exch. Less: from BWWSND = 214
Lerdo (MKWSND): City to CWD (Contract) = 6400
Lerdo Exch. Plus: City to MKWSND (Contract) = 6919
Lerdo (MKWSND) - Other: KPC& Entl = 605
Pioneer Exch. Less: HWD for MKWSND = 1461
Pioneer North: RBWSND from HWD = 165
Pioneer North: RBWSND from HWD = 53
RBWSND: City To Bolthouse Farms = 267
RBWSND: City To RBWSND = 10269
RBWSND Exch. Less: from BWWSND (HMMWD) = 738
RBWSND Exch. Less: from HWD = 2836
BWWSND Overdraft Correction: James (1614), Pion. (406)
HWD to KWB: James = 3213, Pioneer = 9556
HWD to KWB: Pioneer North/Central = 7362
HWD to KWB: 2800 Ac. Spdg. = 4045
HWD to KWB: Boswell Turnout = 2025
BWWSND Pioneer Banking = 1004
BWWSND for ID4: 2800 Ac. Spdg. = 4045
BWWSND for ID4: B.Mesa = 133, Truxton Lakes = 164
BWWSND for ID4: A-EMWD T.O. = 8241
BWWSND for ID4: Cally Exch. Less = 4529
Cally (Central): City to K-TWD = 3216
Cally (Central): City to RGWD = 471
Truxton Lakes: City to K-TWD = 912
Truxton Lakes: City to RGWD = 149

CITY OF BAKERSFIELD KERN RIVER FIRST POINT FLOW AND DIVERSION RECORD

DATE: September 1985 Recap

39108
 COMPUTED NATURAL FLOW AT FIRST POINT...
 LESS NON-CONTRIBUTING CANALS.....
 FOR OTHERS AND FIRST POINT CANALS.....
 TO BE CONTRIBUTED BY OTHER CANALS.....
 TO BE USED BY OTHER CANALS.....
 EACH OTHER CANAL TO RECEIVE.....

39108
 K.C.L. CO. ENTITLEMENT AT SECOND POINT (4.563%).....
 B.V.W.S.D. ENTITLEMENT.....
 SEEPAGE LOSS.....
 KERN RIVER CONDUIT ENTITLEMENT.....
 HACIENDA W.D. ENTITLEMENT AT FIRST POINT.....
 TOTAL.....

0
 0
 655
 0
 655

% OF ITS DIVERSION RIGHT

RIVER STAGE	AMT.	NAME OF CANAL	DIVERSION RIGHT		GROSS DIVFR	GROSS ENTL	RELEASES		ENTITLEMENT LESS RELEASES ... OR PLUS DISTRIBUTED RELEASES			EXCHANGES, SALES OR PURCHASES			NET DIVERSIONS			WATER TRANS. LOSS		ISABELLA RESERVOIR			
			To Riser	Distribution			Direct	Pro	MWSD	KCC&W Co.	KOWD	OTHER	FLUS	LESS	MWSD	KCC&W Co.	KOWD	OTHER	DIR	PRO	IN	PREVIOUS BALANCE	LOSS
300.0	300	K.C.L. Co. ENTL @ 2ND PT. KERN ISLAND (1-ST)	8017	17851	7744													2330	216	46	0	2500	
300.0	20	EASTSIDE KERN RIVER CONDUIT																					
330.5	10.5	SOUTH FORK KCC&W Co.	56	645		48			1190														
410.5	80	BUENA VISTA (1-ST)	1212	4570	3816	2				621													
530.5	120	JAMES (1-ST)	4758	5925		1204				756													
550.5	20	ANDERSON (1-ST)	817			373																	
700.5	150	STINE (1-ST)	1763	3969	2174	14				1809													
720.5	30	MEACHAM		464		1315																	
800.5	150	FARMERS	1515	1739	665					1074													
820.5	40	FLUNKET	290			1985																	
860.5	40	JOYCE	188			1985																	
1000.5	40	JOHNSON	157			1919																	
1130.5	130	PIONEER (1-ST)	496			4422																	
1190.5	60	BEARDSLEY (1-ST)	676	117		882				999													
		LERDO (MKWSD)	26597																				
1200.5	10	ANDERSON (2-ND)	20			30				50													
1240.5	40	JAMES & DIXON	79			79				158													
1260.5	10	WILSON	12			11																	
1276.5	25	McCAFFREY	8			8																	
		McCORD	22			4				4													
1376.5	100	BEARDSLEY 70%				12																	
		CALLOWAY CENTRAL	4934																				
2206.5	850	MKWSD 80%	10323																				
		RAILROAD KCC&W Co.																					
2436.5	200	MKWSD 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-ND)																					
3162.5	56	KERN ISLAND (2-ND)																					
		ROSEDALE RBWSD	9345																				
		TRUXTUN LAKES	1059																				
		LAKE MING	416																				
		COUNTY OF KERN																					
		KERN VALLEY GOLF COURSE	9124																				
		PIONEER PROPERTY (North/Central)																					
		HACIENDA WD (Transportation Loss)	2690																				
		2800 ACRE SPREADING	948																				
		BOSWELL TURNOUT																					
		BIWSD VIA CHWD																					
		BIWSD VIA RBWSD																					
		BIWSD FOR ID4																					
		BIWSD VIA KERN DELTA WD																					
		BIWSD OVERDRAFT CORRECTION																					
		BIWSD FOR KCWA																					
		BIWSD/HWD VIA OLGESE WD																					
		HWD TO KERN WATER BANK																					
		HWD VIA RBWSD																					
		CITY TO HWD (Trans. Loss Assignment)																					
		ROSEDALE BANCH ID	456																				
TOTALS			85359	39453	14399	0	21847	1228	13746	1632	42666	41266	24414	11255	12267	716	4643	573					
		LOSS	5870	655																			
		FLOW AT FIRST POINT	91229	39108																			

NOTES:
 Kern Island Exch. Less: from BVWSD = 240
 Eastside Exch. Less: from BVWSD = 1726
 Lerdo Exch. Less: BVWSD via CWD = 8186
 Lerdo (MKWSD) - Other: KRC&L/Entl = 36
 Lerdo Exch. Less: HWD for MKWSD = 2975
 Lerdo Exch. Less: City/RRB via NKWSD = 1309
 RRBWSD: City To Bolthouse Farms = 287
 RRBWSD: City To RRBWSD = 5673
 RRBWSD Exch. Less: from BVWSD (HMWD) = 2851
 RRBWSD Exch. Less: from HWD = 1843
 Pioneer North: RRBWSD from BVWSD = 64
 Pioneer North: RRBWSD from HWD = 103
 BVWSD Overdraft Correction: via James = 343
 BVWSD Overdraft Correction: via Pioneer North = 192
 HWD to KWB: James = 893
 HWD to KWB: Pioneer North = 3503
 HWD to KWB: Boswell Turnout = 648
 BVWSD for KCWA: James (2602), Boswell T.O. (300)
 BVWSD for KCWA: Pion. North (1189), 2800 Ac. (1750)
 BVWSD for ID4: James = 827
 BVWSD for ID4: Pioneer North = 920
 BVWSD for ID4: 2800 Ac. Banking = 1140
 BVWSD for ID4: Pioneer North = 4069
 BVWSD for ID4: Cally Exch. Less = 1063
 BVWSD for ID4: Truxtun Lakes = 216
 Cally (Central): City to K-TWD = 2367
 Cally (Central): City to K-TWD = 340
 Truxtun Lakes: City to K-TWD = 728
 Truxtun Lakes: City to RBWSD = 115

TOTAL CHANGE
 IN STORAGE = -20482

CITY OF BAKERSFIELD KERN RIVER FIRST POINT FLOW AND DIVERSION RECORD

DATE: November 1936 Recap

COMPUTED NATURAL FLOW AT FIRST POINT... 22688
 LESS NON-CONTRIBUTING CANALS... 17851
 FOR OTHERS AND FIRST POINT CANALS... 4417
 TO BE CONTRIBUTED BY OTHER CANALS... 655
 TO BE USED BY OTHER CANALS... 3762
 EACH OTHER CANAL TO RECEIVE... N/A

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

RIVER STAGE	DIVERSION RIGHT		GROSS		RELEASES		ENTITLEMENT LESS RELEASES ... OR PLUS DISTRIBUTED RELEASES				EXCHANGES, SALES OR PURCHASES			NET DIVERSIONS				WATER TRANS. LOSS		ISABELLA RESERVOIR		
	AMT.	NAME OF CANAL	GROSS DIVR	GROSS EN T'L	To River	Distribution Direct Pro	MKWSO	KCC&W Co.	KDWD	OTHER	PLUS	LESS	MKWSO	KCC&W Co.	KDWD	OTHER	DIR	PRO	PREVIOUS BALANCE	LOSS	OUT	CURRENT BALANCE
300.0	300	K.C.L. Co. ENTL @ 2ND PT.	5538	17851	12379			5472				96							30	2500	30	2500
		EASTSIDE	660									660										
		KERN RIVER CONDUIT																				
320.0	20	CASTRO		272		26																
		KCC&W Co.		724		169		1190														
330.5	10.5	SOUTH FORK	75	517		107			624	4102												
410.5	60	BUENA VISTA (1-ST)	179	2205	2008	7096		7140														
530.5	120	JAMES (1-ST)	162	44		1190		1190														
560.5	20	ANDERSON (1-ST)				415																
		150 STINE	387			1704																
730.5	30	MEACHAM				73																
880.5	150	FARMERS	155			1789																
920.5	40	PLUNKET				1967																
990.5	40	JOYCE				420																
1000.5	40	JOHNSON				32																
1130.5	130	PIONEER (1-ST)	187			32																
1190.5	60	BEARDSLEY (1-ST)	22365																			
		LEUDO (MKWSO)																				
1200.5	10	ANDERSON (2-ND)																				
1240.5	40	JAMES & DIXON																				
1280.5	10	WILSON																				
		KCC&W Co.																				
1276.5	26	McCAFFREY																				
		McCORD																				
1376.5	100	BEARDSLEY 70%																				
		CALLAWAY CENTRAL 20%	3429																			
2226.5	690	MKWSO	9749																			
		RAILROAD KCC&W Co. 20%																				
2426.5	200	MKWSO																				
2576.5	30	BUENA VISTA (2-ND)																				
2636.5	180	JAMES (2-ND)																				
2886.5	170	PIONEER (2-ND)																				
3106.5	240	BEARDSLEY (2-ND)																				
3162.5	56	KERN ISLAND (2-ND)																				
		ROSEDALE RBWSD	3898																			
		TRUTUN LAKES	512																			
		LAKE MING																				
		KERN VALLEY GOLF COURSE																				
		BERRENDA MESA SPOG. GROUNDS	47																			
		PIONEER CENTRAL	69																			
		BWWSO VIA CWD																				
		BWWSO VIA JAMES																				
		BWWSO FOR KOVA																				
		BWWSO FOR ID4																				
		BWWSO/HMD VIA OLCESE WD																				
		KERN DELTA WD STATE WATER																				
		SOUTH FORK TRANSFER TO CITY																				
		ROSEDALE BRANCH/D	275	47442	21613	14387	14387	0	13642	1190	6157	654	6354	5694	6173	262	2607	4400	735842	1433	31615	107194
TOTALS		LOSS	3265	655																		
		FLOW AT FIRST POINT	275	50707	22268																	

TOTAL CHANGE IN STORAGE = -29648

NOTES:

Kern Island Exch. Less: State Water = 96
 Eastside Exch. Less: State Water = 660
 Lerdo (MKWSO): City to CWD (Misc.) = 2647
 Lerdo Exch. Less: BWWSO via CWD = 206
 City to Bolthouse Farms via RRB = 113
 RRBWSD: City to RRBWSD = 3785
 BWWSO for ID4: Cally Exch. Less = 274
 BWWSO for ID4: River Loss = 460
 BWWSO for ID4: Troutun Lakes = 34
 BWWSO for ID4: Berrenda Mesa = 38
 BWWSO for ID4: Pioneer Central = 89
 BWWSO for KOVA: Berrenda Mesa = 9
 BWWSO Ovrdrft Correction: via James = 162
 City for Rosedale RBWSD (ID4 Exchange):
 Calloway (KCC&W Co.) = 2281
 River Loss = 962
 Troutun Lakes = 478
 South Fork transfer to City: In excess of carryover storage requirement.....

CITY OF BAKERSFIELD KERN RIVER FIRST POINT FLOW AND DIVERSION RECORD

DATE: December 1995 Recap

COMPUTED NATURAL FLOW AT FIRST POINT... 28820
 LESS NON - CONTRIBUTING CANALS... 18446
 FOR OTHERS AND FIRST POINT CANALS... 10374
 TO BE CONTRIBUTED BY OTHER CANALS... 676
 TO BE USED BY OTHER CANALS... 9698
 EACH OTHER CANAL TO RECEIVE... N/A

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

RIVER STAGE	DIVERSION RIGHT		GROSS DIVR	GROSS ENTL	RELEASES		ENTITLEMENT LESS RELEASES ... OR PLUS DISTRIBUTED RELEASES				EXCHANGES, SALES OR PURCHASES			NET DIVERSIONS				WATER TRANS. LOSS		ISABELLA RESERVOIR			
	AMT.	NAME OF CANAL			To River	Direct	Pro	MKWSO	KCC&W Co.	KDWD	OTHER	PLUS	LESS	MKWSO	KCC&W Co.	KDWD	OTHER	DIR	PRO	IN	PREVIOUS BALANCE	LOSS	OUT
300.0	300	KERN ISLAND (1-S7)	5575	18446	13160				5286		305			5270				16	2500	16	0	2500	
		EASTSIDE	361								361												
320.0	20	CASTRO		296		12																	
		KCC&W Co.		803		119																	
330.5	10.5	SOUTH FORK		579																			
410.5	80	BUENA VISTA (1-S7)	143	3610	3282		1230			6													
530.5	120	JAMES (1-S7)		2505																			
580.5	20	ANDERSON (1-S7)		167		1013																	
700.5	150	STONE	665	857	657	760																	
730.5	30	MEACHAM		60		1547																	
880.5	150	FARMERS	186	294	294	320																	
920.5	40	FLUNKET		77		1894																	
980.5	40	JOYCE		77		1710																	
1000.5	40	JOHNSON		77		1432																	
1130.5	130	PIONEER (1-S7)		256		3039																	
1180.5	60	BEARDSLEY (1-S7)	24	40		373																	
		LERDO (MKWSO)	16945																				
1200.5	10	ANDERSON (2-ND)		40		40																	
1240.5	40	JAMES & DIXON		107		107																	
1250.5	10	WILSON		12		8																	
		KCC&W Co.																					
1276.5	26	McCAFFREY		52		52																	
		LERDO		60		60																	
1376.5	100	BEARDSLEY 70%		139		139																	
		CALL OWAY CENTRAL		644		122																	
2226.5	650	MKWSO 80%	1922			490																	
		RAILROAD																					
		KCC&W Co. 20%																					
2468.5	200	MKWSO 80%		579		52																	
		BUENA VISTA (2-ND)		90		90																	
2516.5	90	BUENA VISTA (2-ND)		90		90																	
2636.5	180	JAMES (2-ND)																					
2665.5	170	PIONEER (2-ND)																					
3106.5	240	BEARDSLEY (3-RD)																					
3162.5	56	KERN ISLAND (2-ND)																					
		ROSEDALE FBWSO																					
		TRUKUN LAKES																					
		LAKE MING																					
		BIWSD FORIDA																					
		KERN DELTA WD STATE WATER																					
		HWD TRANSFER TO 1ST PT. GROUP																					
		ROSEDALE BRANCH/D																					
TOTALS			26	26467	28144	18172	0	19526	1372	6694	552	1160	1160	17999	1042	6266	36	624	225				
		LOSS		1526	676																		
FLOW AT FIRST POINT	26			27993	28820																		

TOTAL CHANGE IN STORAGE = 578

NOTES:
 Kern Island Exch. Less: State Water = 305
 Eastside Exch. Less: State Water = 361
 Lerdo (MKWSO); City to CWD (Misc.) = 510
 Lerdo (MKWSO); Other, KRC&I Ent'l = 12
 BIWSD for ID4; Cally Exch. Less = 484

HWD Transfer to 1st Pt. Grp. - Evaporation loss compensation due to Rio Bravo Power Plant 1995 operations... for MKWSO = 4
 for CITY/KDWD = 6

ISABELLA RESERVOIR KERN RIVER BASIN, CALIFORNIA MIDNIGHT STORAGE

FEBRUARY

Units in acre-foot

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	333	332	334	334	334	334	334	334	334	334	334	334	334	334	334	334	334	334	334	334	334	334	334	334				
1955	10185	10160	10152	10152	10152	10152	10152	10152	10152	10152	10152	10152	10152	10152	10152	10152	10152	10152	10152	10152	10152	10152	10152	10152	10152	10152	10152	10152	10152	10152	10152				
1956	120818	121596	122324	123008	123688	124372	125056	125740	126424	127108	127792	128476	129160	129844	130528	131212	131896	132580	133264	133948	134632	135316	136000	136684	137368	138052	138736	139420	140104	140788	141472				
1957	130283	130283	130283	130283	130283	130283	130283	130283	130283	130283	130283	130283	130283	130283	130283	130283	130283	130283	130283	130283	130283	130283	130283	130283	130283	130283	130283	130283	130283	130283	130283	130283			
1958	103771	104032	104119	104468	104773	104948	105122	105308	105470	105628	105784	105936	106084	106228	106372	106512	106648	106780	106908	107032	107152	107268	107380	107488	107592	107692	107788	107880	107968	108052	108132	108208			
1959	196678	196352	196222	196206	196301	196356	196424	196496	196572	196656	196744	196836	196932	197032	197136	197244	197356	197472	197592	197716	197844	197976	198112	198252	198396	198544	198696	198852	199012	199172	199336	199504			
1960	72949	75437	78031	76312	78454	76596	78700	79896	80643	81536	82008	82372	82700	82984	83224	83432	83596	83724	83816	83872	83896	83888	83848	83776	83672	83536	83368	83168	82936	82672	82384	82072			
1961	28803	28896	28968	28968	28968	28968	28968	28968	28968	28968	28968	28968	28968	28968	28968	28968	28968	28968	28968	28968	28968	28968	28968	28968	28968	28968	28968	28968	28968	28968	28968	28968			
1962	17950	17638	17638	17638	17625	17613	17650	17650	17650	17650	17650	17650	17650	17650	17650	17650	17650	17650	17650	17650	17650	17650	17650	17650	17650	17650	17650	17650	17650	17650	17650	17650			
1963	127903	128071	128071	128071	128071	128071	128071	128071	128071	128071	128071	128071	128071	128071	128071	128071	128071	128071	128071	128071	128071	128071	128071	128071	128071	128071	128071	128071	128071	128071	128071	128071	128071		
1964	168552	168434	168256	168019	167781	167544	167307	167070	166833	166596	166358	166121	165884	165647	165410	165173	164936	164699	164462	164225	163988	163751	163514	163277	163040	162803	162566	162329	162092	161855	161618	161381	161144		
1965	128757	128807	129058	129158	129309	129560	129811	129711	129711	129661	129611	129561	129511	129461	129411	129361	129311	129261	129211	129161	129111	129061	129011	128961	128911	128861	128811	128761	128711	128661	128611	128561	128511		
1966	168680	168880	169080	169280	169480	169680	169880	170080	170280	170480	170680	170880	171080	171280	171480	171680	171880	172080	172280	172480	172680	172880	173080	173280	173480	173680	173880	174080	174280	174480	174680	174880	175080		
1967	231685	233001	234901	236162	237927	239825	240198	241578	242815	243815	244578	245115	245544	245872	246100	246228	246356	246484	246612	246740	246868	247000	247132	247264	247396	247528	247660	247792	247924	248056	248188	248320	248452		
1968	200068	200068	200068	200134	200002	199806	199675	199509	199375	199241	199107	198973	198839	198705	198571	198437	198303	198169	198035	197901	197767	197633	197499	197365	197231	197097	196963	196829	196695	196561	196427	196293	196159		
1969	253213	254009	255007	256283	257859	259635	261611	263887	266463	269339	272515	276091	280067	284443	289219	294395	299971	305947	312323	319199	326575	334451	342827	351703	361079	370955	381331	392207	403583	415459	427835	440711	454087		
1970	249128	249349	249720	249842	250164	250312	250635	250683	251277	251872	252467	253062	253657	254252	254847	255442	256037	256632	257227	257822	258417	259012	259607	260202	260797	261392	261987	262582	263177	263772	264367	264962	265557		
1971	179123	179123	179123	179123	179123	179123	179123	179123	179123	179123	179123	179123	179123	179123	179123	179123	179123	179123	179123	179123	179123	179123	179123	179123	179123	179123	179123	179123	179123	179123	179123	179123	179123		
1972	121605	121557	121460	121412	121357	121262	121187	121102	121017	120932	120847	120762	120677	120592	120507	120422	120337	120252	120167	120082	120000	119918	119836	119754	119672	119590	119508	119426	119344	119262	119180	119098	119016		
1973	67465	67431	67367	67335	67463	68170	68428	68556	68914	69826	70980	71712	72415	73022	73594	74109	74417	74726	74932	75139	75346	75553	75760	75967	76174	76381	76588	76795	76999	77204	77409	77614	77819		
1974	220047	220116	220116	220116	220116	220116	220116	220116	220116	220116	220116	220116	220116	220116	220116	220116	220116	220116	220116	220116	220116	220116	220116	220116	220116	220116	220116	220116	220116	220116	220116	220116	220116	220116	
1975	222886	222610	221637	221637	221469	221380	221084	220845	220645	220484	220362	220280	220228	220200	220188	220192	220216	220260	220324	220408	220512	220636	220780	220944	221128	221332	221556	221800	222064	222348	222652	222986	223350	223744	
1976	170131	169893	169624	169243	168765	168303	167856	167432	167032	166656	166304	165976	165672	165392	165136	164904	164696	164512	164352	164216	164104	164016	163952	163912	163896	163904	163936	163992	164064	164152	164256	164376	164512	164656	
1977	66630	66598	66585	66533	66501	66436	66404	66276	66308	66263	66179	66115	66051	65987	65922	65858	65794	65730	65666	65602	65538	65474	65410	65346	65282	65218	65154	65090	65026	64962	64898	64834	64770		
1978	63867	64020	64051	64051	64208	65252	67406	70763	82683	94425	98289	103270	108423	114352	121078	128602	136926	146050	155974	166708	178152	190306	203170	216744	231028	246922	264326	283250	303694	325658	349142	374146	400670	428724	
1979	245362	245677	245427	245362	245427	245602	245777	245952	246127	246302	246477	246652	246827	247002	247177	247352	247527	247702	247877	248052	248227	248402	248577	248752	248927	249102	249277	249452	249627	249802	249977	250152	250327	250502	
1980	296544	296796	296502	294307	293369	292574	291914	291384	290984	290714	290574	290544	290624	290724	290844	290984	291144	291314	291494	291684	291884	292094	292314	292544	292784	293034	293294	293564	293844	294134	294434	294744	295064	295394	
1981	231686	231680	231933	232647	232647	232647	232647	232647	232647	232647	232647	232647	232647	232647	232647	232647	232647	232647	232647	232647	232647	232647	232647	232647	232647	232647	232647	232647	232647	232647	232647	232647	232647	232647	
1982	174766	174888	174593	174644	174279	173732	172825	171610	171258	170857	170328	169780	169219	168656	168092	167528	166964	166400	165836	165272	164708	164144	163580	163016	162452	161888	161324	160760	160196	159632	159068	158504	157940	157376	
1983	291632	292491	292821	293524	293373	295133	300040	307441	308475	310750	312285	315688	319755	324382	329569	335266	341473	348190	355417	363154	371401	380168	389455	399262	409589	420436	431803	443690	456007	468854	482231	496148	510625	525672	
1984	244160	244458	244680	244828	244978	244904	244756	244528	244332	244168	244036	243936	243868	243824	243804	243808	243836	243888	243964	244076	244224	244408	244628	244884	245176	245504	245876	246292	246752	247256	247808	248408	249056	249752	
1985	244160	244458	244680	244828	244978	244904	244756	244528	244332	244168	244036	243936	243868	243824	243804	243808	243836	243888	243964	244076	244224	244408	244628	244884	245176	245504	245876	246292	246752	247256	247808	248408	249056	249752	250496
1986	206331	206736	206871	207275	207411	207614	207780	207916	208021	208096	208144	208176	208200	208208	208200																				

ISABELLA RESERVOIR KERN RIVER BASIN, CALIFORNIA MIDNIGHT STORAGE

Units in acre-feet

MAY

Year	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
1954	24185	24867	25800	27080	28752	30787	33086	35682	39008	40610	42524	44513	46388	48500	50632	52450	54380	56948	60040	63089	66194	69504	70430	72232	73605	75100	76304	77312	78608	79770	80574		
1955	6209	6400	6590	6705	6862	7110	7453	7967	8981	8004	9383	10168	11080	11911	12841	12846	12933	13280	13841	14635	15525	16717	17940	18230	18982	20443	21152	22283	23816	25582	26936		
1956	174522	175582	176944	179003	181102	183035	184939	186305	187698	188995	189884	190816	191520	192066	193377	194401	195400	196400	197004	198568	200027	202021	204678	211114	214987	218125	221630	224912	228193	231671	235060		
1957	125356	125063	124819	124721	124917	125307	125946	126850	126969	126950	127050	127150	127300	127552	127803	127954	128154	128807	135147	137094	138466	139406	140678	142116	143219	144467	145770	147248	148411	149860			
1958	228327	231600	234441	237984	242442	247876	253618	259690	266221	272266	278857	285345	289746	294035	298924	304391	311251	319163	327680	336589	344641	352873	361472	368714	375183	381182	387045	392851	398034	403463	408509		
1959	196219	198936	200327	200718	200979	201374	201639	201838	201971	202170	202668	203297	204159	204955	205617	206149	206613	206878	207276	207541	207674	207674	207674	207674	207674	207674	207674	207674	207674	207674	207674	207674	
1960	111742	112572	113358	114232	114795	115430	116122	116832	117639	118683	119110	119063	119178	118883	118683	118205	119158	119253	119205	119110	118620	118625	118635	118493	118445	118303	118208	118398	118568	118778	118730		
1961	35204	35497	35830	36185	36435	36727	36960	37240	37498	37759	39020	38257	38473	38690	38929	39192	39574	40068	40561	40988	41417	41836	42384	42975	43580	44277	44982	45656	46137	46589	46990		
1962	86320	90455	92814	95814	99422	103587	107708	111513	114968	117782	119688	121596	123479	125551	126848	128648	129427	124684	124684	124684	124684	124684	124684	124684	124684	124684	124684	124684	124684	124684	124684	124684	
1963	212733	214150	216203	218125	220322	222468	224772	226987	228759	230748	232756	234654	236581	238325	240203	241937	244275	246894	250380	253891	257402	261123	264789	268471	271946	275385	278824	281917	284687	287657	291203		
1964	172464	173009	173312	173564	174038	174220	174522	174825	175128	175481	175918	176473	177398	178651	179306	180188	181255	182659	184106	185676	187438	189407	191200	192953	194401	196028	197786	199024	200066	200783	201441	201507	
1965	158911	163340	165705	167804	168968	170588	172101	173070	174522	175431	176950	177762	179016	179251	180488	182156	184419	187499	191072	194356	197851	200718	203297	205686	207475	209427	211518	214082	217223	220586	223795		
1966	177584	178618	180000	181657	183611	184671	186431	188191	189858	190816	182032	182988	183944	184900	185856	186812	187768	188724	189680	190636	191592	192548	193504	194460	195416	196372	197328	198284	199240	200196	201152	201507	
1967	293369	292491	290676	289438	288301	287098	285058	285419	285818	287419	287820	287419	287018	286598	286178	285758	285338	284918	284498	284078	283658	283238	282818	282398	281978	281558	281138	280718	280298	279878	279458	279038	
1968	224468	225535	228516	227358	226343	225330	220177	220896	231585	232234	233008	233900	234728	235544	236360	237176	238000	238824	239648	240472	241296	242120	242944	243768	244592	245416	246240	247064	247888	248712	249536	250360	
1969	177030	181603	185988	183945	183445	182734	186935	201447	208151	216854	226235	234728	242719	250212	258105	266498	275391	284784	294677	305170	316263	327956	340249	353142	366635	380728	395421	410714	426607	443100	460293	478186	
1970	263225	263706	264088	264547	265063	265619	266310	267001	267848	268748	269691	270678	271710	272727	273819	274889	276024	277222	278494	279891	281414	283072	284865	286794	288868	291088	293454	295976	298654	301498	304509	307687	
1971	184981	185547	185925	186266	186582	186882	187178	188011	188709	189472	190305	191200	192166	193204	194315	195498	196854	198384	200098	202006	204118	206434	209054	211978	215206	218844	223882	229340	235218	241516	248334	255682	
1972	113285	113771	114325	114873	115485	115888	116488	116988	117452	117972	118540	119063	119650	120257	120883	121518	122166	122834	123532	124260	125018	125806	126624	127472	128350	129258	130196	131164	132162	133190	134248	135336	
1973	137088	139625	143002	146917	150863	153957	157089	160665	165291	171073	177890	185096	192870	200484	214837	221984	229663	237988	246953	256118	265818	276471	270397	276339	282633	289024	296659	304638	313063	313101	320261		
1974	292168	294274	297286	300688	301163	306750	306750	306750	306750	306750	306750	306750	306750	306750	306750	306750	306750	306750	306750	306750	306750	306750	306750	306750	306750	306750	306750	306750	306750	306750	306750	306750	
1975	216543	216817	217258	218051	218776	219633	220323	221568	223033	224976	227077	229447	232161	235294	238858	242852	247286	252166	257502	263306	269586	277346	286681	297706	309541	323286	339041	346786	365531	384276	404021	425766	
1976	156200	156851	157103	157103	157489	157962	158406	158804	159316	160056	160830	161318	162296	163567	165144	167024	169304	172084	175264	178944	183124	187904	193284	199364	206244	214024	222804	232584	243464	255444	268524	282704	297884
1977	68147	68372	68501	68649	68685	68727	68856	68727	68856	68727	68856	68727	68856	68727	68856	68727	68856	68727	68856	68727	68856	68727	68856	68727	68856	68727	68856	68727	68856	68727	68856	68727	
1978	294041	293882	293723	294590	296869	298868	298672	293064	290697	292044	294306	297382	301724	307248	314448	323448	334448	347448	362448	379448	398448	429448	473448	531448	605448	695448	801448	931448	1081448	1251448	1441448	1651448	
1979	333030	335502	337904	340578	343261	346956	349482	350835	352741	354582	356219	357640	358958	360219	361421	362573	363675	364727	365729	366681	367583	368435	369237	369989	370691	371343	371945	372497	372999	373451	373853	374205	
1980	389386	393023	396871	401513	408572	417971	429230	452618	498618	438368	437575	440818	443964	446213	448252	450089	452563	455064	460510	465914	471664	477941	482942	487512	490264	492998	495638	497248	498540	499631	501234	503449	
1981	267637	270471	273083	274891	276596	277705	278588	279631	280798	281887	283182	284504	285847	287200	288563	289936	291319	292712	294114	295525	296946	298377	299817	301266	302724	304191	305666	307149	308640	309139	309646	310151	
1982	370511	371158	371836	372546	373288	374062	374868	375706	376576	377478	378412	379378	380376	381406	382468	383562	384688	385846	387036	388258	389512	390798	392116	393466	394848	396262	397708	399186	400696	402238	403812	405418	
1983	380833	377346	373498	367324	361162	355002	348844	342686	336528	330370	324212	318054	311896	305738	299580	293422	287264	281106	274948	268790	262632	256474	250316	244158	238000	231842	225684	219526	213368	207210	201052	194894	
1984	314251	315278	316396	317514	318632	319750	320868	321986	323104	324222	325340	326458	327576	328694	329812	330930	332048	333166	334284	335402	336520	337638	338756	339874	340992	342110	343228	344346	345464	346582	347700	348818	
1985	308901	312456	314935	318116	320881	323830	326879	329928	332977	336026	339075	342124	345173	348222	351271	354320	357369	360418	363467	366516	369565	372614	375663	378712	381761	384810	387859	390908	393957	396996	399995	402994	
1986	455548	458647	461682	464663	467604	470505	473366	476187	478968	481709	484410	487071	489692	492273	494814	497315	499786	502227	504638	507019	509370	511691	513982	516243	518474	520675	522846	524987	527098	529169	531190	533161	
1987	246824	247258	247498	247694	247852	247980	24																										

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
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1955	27598	28176	28656	29232	30413	32340	34706	37154	39058	40620	41975	42720	43092	43206	43347	43557	43464	43347	43255	43231	43206	43206	42988	42850	42654	41812	41279	40741	40292	39733	
1956	238108	241431	244128	246920	249345	251575	253817	256207	259844	261731	264693	267390	269552	270965	272623	274529	276685	279091	281756	284689	287899	291384	295153	299216	303581	308348	313526	319125	325156	331629	
1957	151805	154665	158517	162004	165053	168019	170888	173312	176103	178139	179683	179683	180579	182053	182973	183476	183979	183916	183379	183916	183916	183916	183916	183916	183916	183916	183916	183916	183916	183916	
1958	413405	417663	422129	425563	428603	430859	432833	434719	436604	438490	440376	442262	444148	446034	447920	449806	451692	453578	455464	457350	459236	461122	463008	464894	466780	468666	470552	472438	474324	476210	
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1961	133755	135508	137677	139677	142484	146187	149884	153577	157266	160951	164632	168309	171982	175651	179316	182977	186634	190287	193936	197581	201222	204861	208498	212133	215766	219397	223026	226653	230278	233901	
1962	294944	298760	303020	308222	314363	321543	329763	339023	349333	360703	373143	386763	401473	417283	434193	452213	471343	491593	512963	535453	559073	583833	609723	636753	664933	694273	724783	756473	789353	823433	
1963	201838	202104	202236	202634	203362	204362	205628	207162	208974	211074	213462	216138	219102	222362	225926	230802	236002	241536	247414	253656	260274	267288	274710	282552	290826	299544	308718	318360	328482	339104	
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1965	217576	217645	217792	217919	217988	218125	218262	218400	218537	218674	218811	218948	219085	219222	219359	219496	219633	219770	219907	220044	220181	220318	220455	220592	220729	220866	221003	221140	221277	221414	
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1967	256433	257713	258896	260131	261595	263289	265203	267337	269691	272365	275369	278703	282377	286401	290785	295529	300643	306127	311981	318205	324809	331793	339157	346891	354995	363469	372303	381497	391051	399965	
1968	467616	480772	493272	503796	512383	520065	526873	532827	537949	542237	545693	548317	550101	551045	551149	550463	548897	546451	543125	538929	533863	527927	521211	513815	505839	497373	488517	479271	470635	462619	
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1970	216954	217776	218601	219427	220253	221080	221906	222732	223558	224384	225210	226036	226862	227688	228514	229340	230166	230992	231818	232644	233470	234296	235122	235948	236774	237600	238426	239252	240078	240904	
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1973	415855	418627	422819	428723	435457	443021	451425	460669	470753	481687	493471	506105	519589	533923	549107	565141	582025	600759	620443	641077	662661	685195	708679	733113	758507	784861	812175	840449	869683	899877	
1974	163861	168065	173869	180273	187277	194981	203385	212499	222323	232867	244141	256165	268949	283493	299817	317941	336865	356699	378453	402127	428721	457245	487709	519123	552487	587801	625065	664279	705443	748557	
1975	72994	73826	74866	75779	76700	77521	78384	79205	79984	80734	81463	82172	82861	83530	84179	84808	85417	86006	86575	87124	87653	88162	88651	89120	89569	90008	90427	90826	91205	91564	
1976	380285	385377	390149	394582	401019	407038	412688	417988	422938	427538	431788	435688	439238	442438	445288	447788	449938	451738	453188	454288	455038	455438	455588	455488	455138	454538	453688	452488	450938	449038	
1977	429420	431627	433438	435051	436463	437675	438587	439200	439513	439626	439540	439253	438766	438079	437192	436105	434818	433331	431644	429757	427670	425283	422596	419609	416322	412735	408848	404661	400174	396387	
1978	502420	503827	506686	509852	513222	516806	520506	524322	528254	532302	536466	540746	545142	549654	554282	559026	563886	568862	573954	579162	584486	589926	595482	601154	606942	612846	618866	624992	631234	637592	
1979	306510	307610	308456	309090	310579	311858	312456	312456	312456	312456	312456	312456	312456	312456	312456	312456	312456	312456	312456	312456	312456	312456	312456	312456	312456	312456	312456	312456	312456	312456	
1980	497033	505666	511763	516533	520294	523060	524826	525592	525358	524122	521886	518750	514714	509778	503942	497206	489570	480134	468998	456262	442026	426290	409154	390618	370682	349346	326710	302874	277838	251602	
1981	402776	404428	405598	406086	406256	407158	407745	407961	407652	406754	405277	403231	400615	397429	393663	389317	384391	378895	372829	366193	359007	351271	343085	334449	325363	315827	305841	295405	284529	273213	
1982	153717	153830	153886	153896	153862	153773	153681	153587	153491	153392	153290	153185	153077	152966	152852	152735	152615	152492	152366	152237	152105	151970	151832	151691	151547	151400	151250	151095	150935	150770	
1983	372003	373779	375277	376781	378008	378952	379608	380077	380361	380471	380405	380273	379985	379541	378951	378215	377339	376323	375177	373911	372525	371029	369413	367687	365851	363915	361879	359743	357507	355171	
1984	265984	268086	271089	274979	279753	285421	291977	299431	307785	317039	327193	338257	349231	360115	370909	382613	395227	408751	423185	438529	454793	471977	489991	508835	528509	548913	569947	591591	613845	636709	
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1986	538781	548177	557750	567532	577522	587732	598166	608824	619706	630812	642142	653696	665474	677476	689692	702124	714772	727646	740746	754072	767624	781402	795406	809636	824092	838774	853682	868916	884376	899962	
1987	140090	141908	143824	145838	147950	150162	152474	154886	157398	160010	162722	165534	168446	171458	174570	177782	181094	184506	188018	191630	195342	199154	203066	207078	211190	215402	219714	224126	228638	233250	
1988	265984	268086	271089	274979	279753	285421	291977	299431	307785	317039	327193	338257	349231	360115	370909	382613	395227	408751	423185	438529	454793	471977	489991	508835	528509	548913	569947	591591	613845	6	

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	65253	64323	63547	63069	62886	62110	61270	60280	59500	58833	58137	57470	56987	56816	54920	54062	53152	52342	51478	50653	49878	49280	48778	48280	47876	47084	46388	45486	
1955	38972	38886	38473	37955	37283	36504	36204	34688	34147	33565	32963	32302	31723	31280	30802	30487	30228	28970	28730	28471	28175	28003	28603	28284	27948	27523	27089	26650	26209	25804		
1956	282974	282771	282077	281200	280171	279508	278524	276483	273685	274207	272641	271096	269623	267380	265536	263782	262187	260743	259884	259084	258362	257803	257333	257002	256806	256733	256705	256535	254041	252471		
1957	180670	179930	179251	178501	177689	176753	175652	174394	172883	170770	169087	167728	165503	162934	161772	161074	160260	159447	158634	157838	156971	156062	155111	154128	153207	152353	151568	150841	149871	148859	147470	
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1959	137907	134631	131793	129209	126098	123040	120818	117734	114683	111110	107605	103958	100379	97039	94282	91147	87938	84748	81584	78456	75364	72308	69288	66306	63362	60456	57588	54758	51968	49218	46508	
1960	80114	79458	78813	78178	77510	76876	76277	75539	74756	73938	73020	72036	71047	70058	69102	68104	67082	65996	64895	63781	62652	61518	60379	59235	58088	56938	55784	54626	53464	52308	51158	
1961	49169	48648	48093	47567	46980	46489	45956	45387	44797	44187	43564	42928	42282	41627	40962	40288	39606	38918	38225	37528	36826	36120	35410	34706	34008	33316	32630	31950	31286	30628	30000	
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1963	173484	171859	170225	168483	166833	165112	163282	161423	159589	157823	156150	154589	153039	151491	149945	148403	146866	145334	143807	142284	140766	139258	137760	136272	134794	133326	131868	130430	129002	127584	126176	
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1965	263132	263990	265027	265903	266805	267732	268684	269661	270663	271690	272742	273819	274921	276048	277200	278377	279579	280806	282058	283335	284637	285964	287316	288693	290095	291522	292974	294451	295954	297482	299035	
1966	186645	187251	187879	188528	189198	189889	190591	191304	192028	192763	193509	194266	195034	195812	196601	197400	198210	199031	199863	200706	201560	202425	203301	204188	205086	205995	206915	207846	208788	209741	210705	
1967	481816	488826	494435	499652	504482	508924	512988	516671	519985	522939	525534	527770	529647	531166	532428	533435	534190	534704	535084	535330	535452	535452	535330	535084	534704	534190	533435	532428	531166	529647	527770	
1968	223721	221845	219876	217827	215694	213478	211194	208842	206424	203951	201424	198846	196216	193545	190834	188084	185296	182471	179610	176714	173794	170851	167886	164899	161881	158832	155754	152648	149514	146352	143172	
1969	570688	573682	576283	578496	580322	581768	582834	583521	583839	583787	583356	582558	581394	579876	578006	575794	573242	570361	567171	563682	559905	555850	551527	546946	542118	537056	531761	526244	520516	514588	508460	
1970	315849	315022	314038	312906	311637	310243	308727	307100	305373	303546	301619	299603	297507	295341	293115	290839	288514	286150	283758	281339	278893	276422	273929	271414	268878	266321	263744	261147	258530	255894	253239	
1971	234944	234101	233230	232337	231424	230491	229538	228565	227572	226560	225528	224477	223407	222318	221211	220086	218943	217782	216604	215410	214201	212977	211739	210486	209217	207932	206632	205317	203988	202645	201288	
1972	112256	111166	110083	109006	107934	106867	105805	104748	103696	102654	101622	100599	99586	98573	97570	96587	95624	94681	93758	92855	91972	91109	90266	89443	88640	87857	87094	86351	85628	84925	84242	
1973	368974	367933	366816	365624	364358	363028	361634	360176	358654	357068	355418	353704	351926	350084	348178	346206	344169	342067	340000	337869	335669	333400	331072	328685	326239	323734	321171	318541	315844	313081	310244	
1974	470813	470191	469580	468980	468391	467813	467246	466690	466144	465608	465082	464566	464060	463564	463078	462602	462136	461680	461234	460798	460372	459956	459550	459154	458768	458392	458026	457670	457324	456988	456661	
1975	307382	306064	305022	304161	303381	302682	302064	301527	301071	300695	300398	300181	300034	300000	300000	300000	300000	300000	300000	300000	300000	300000	300000	300000	300000	300000	300000	300000	300000	300000	300000	300000
1976	130865	129436	128007	126578	125149	123720	122291	120862	119433	118004	116575	115146	113717	112288	110859	109430	108001	106572	105143	103714	102285	100856	99427	97868	96309	94750	93191	91632	90073	88514	86955	
1977	78023	77261	76500	75739	74978	74217	73456	72695	71934	71173	70412	69651	68890	68129	67368	66607	65846	65085	64324	63563	62802	62041	61280	60519	59758	59000	58241	57482	56723	55964	55205	
1978	485035	483874	482684	481464	480214	478934	477624	476284	474914	473514	472094	470654	469194	467714	466214	464694	463154	461594	460014	458414	456794	455154	453504	451834	450144	448434	446704	444954	443194	441414	439624	
1979	411863	409408	407256	405408	403864	402624	401694	401074	400764	400664	400764	401074	401694	402624	403864	405408	407256	409408	411863	414828	418393	422558	427424	433091	439558	446824	454891	463758	473424	483891	495258	
1980	568870	568264	568361	569081	570421	572381	574961	578161	581981	586421	591481	597161	603461	610381	617921	626081	634861	644261	654281	664921	677181	690061	704561	720781	738821	758681	780361	803861	829261	856461	885461	
1981	281644	279672	278106	276426	274633	272721	270691	268541	266281	263911	261431	258851	256171	253401	250541	247601	244581	241491	238331	235101	231811	228471	225081	221651	218181	214671	211121	207541	203931	200291	196621	
1982	558516	558061	558462	558810	559110	559361	559564	559720	559838	559918	559961	559968	559938	559874	559770	559627	559446	559228	558974	558686	558364	557999	557594	557150	556677	556174	555642	555081	554501	553901	553281	
1983	627276	627696	628196	628676	629131	629571	630006	630426	630831	631221	631591	631941	632271	632581	632871	633141	633391	633621	633831	634021	634191	634341	634471	634581	634671	634741	634791	634821	634831	634821	634801	634771
1984	385041	384367	383792	383223	382661	382106	381558	381017	380483	379956	379436	378923	378416	377914	377427	376945	376468	376006	375559	375127	374700	374288	373881	373480	373084	372693	372307	371926	371550	371179	370813	
1985	365587	364661	363736	3																												

ISABELLA RESERVOIR KERN RIVER BASIN, CALIFORNIA MIDNIGHT STORAGE

AUGUST

Units in acre-feet

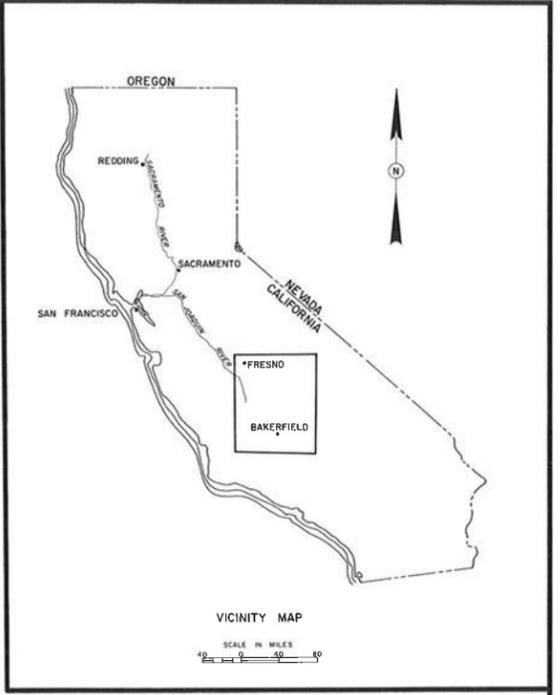
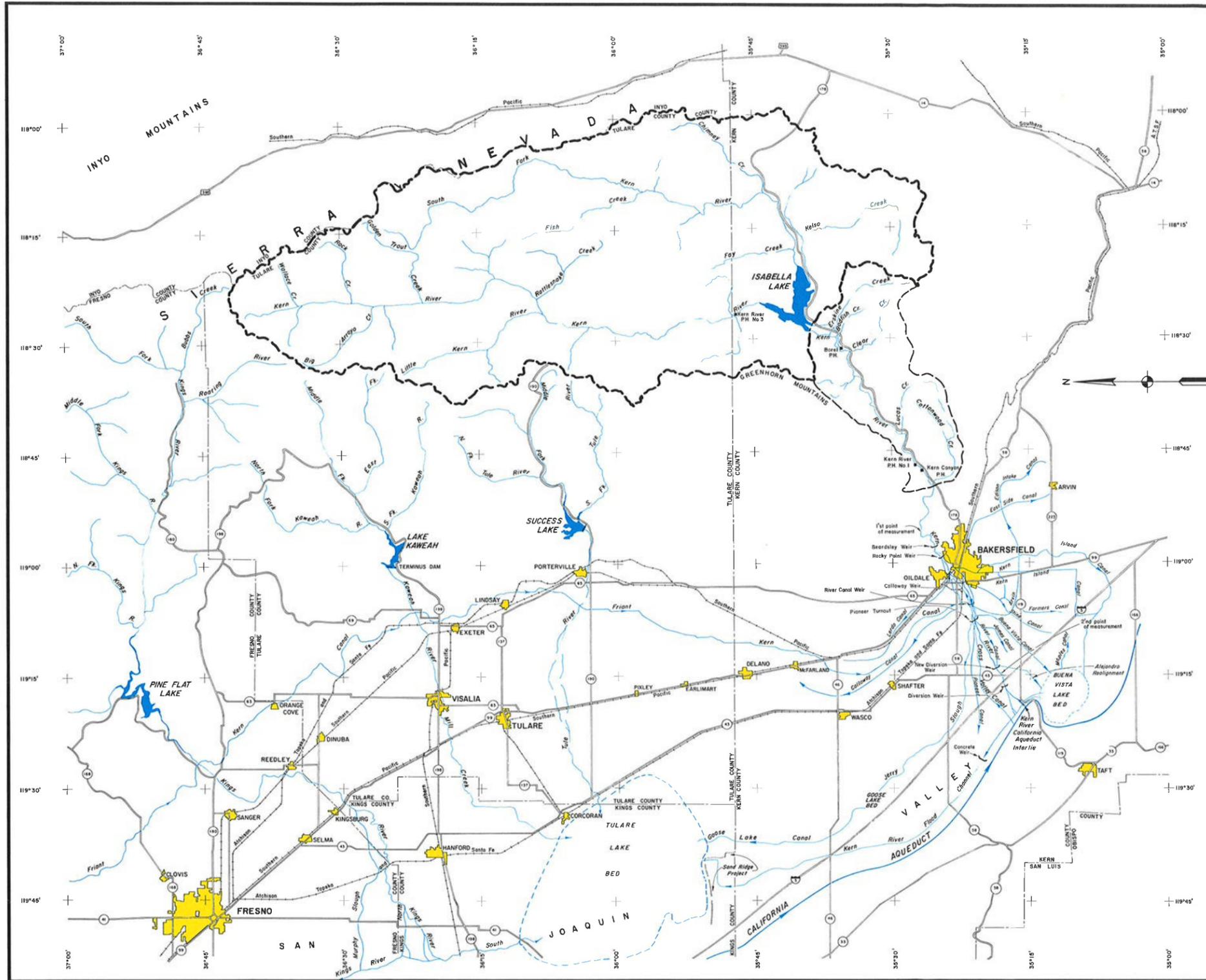
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1954	44513	43448	42436	41228	40016	38770	37500	37279	36418	35536	34740	33980	33010	32269	31566	30882	30180	29495	28878	28338	27882	27438	27114	26793	26286	25783	25290	24899	24508	24083	23573
1955	25439	25100	24648	24212	23847	23447	24115	24115	24051	23816	23585	23339	23123	22794	22242	21686	21490	21123	20723	20318	19826	19522	19243	19030	18869	18750	18750	18710	18683	18657	
1956	250828	248831	246850	244863	242859	240492	237964	235435	232944	229514	225238	220914	216621	212360	208130	203930	199760	195620	191510	187430	183390	179390	175430	171510	167630	163790	159990	156230	152510	148830	
1957	148603	145715	144884	143480	142424	141212	140100	139095	138142	137454	136860	136320	135830	135477	135260	135180	135200	135330	135460	135590	135720	135850	135980	136110	136240	136370	136500	136630	136760	136890	
1958	367437	363363	359220	355075	351362	347115	344641	341742	338844	335909	332913	329402	326300	323409	320430	318149	315382	312834	310335	307955	304509	299877	295816	292294	289369	287099	284229	281678	279465	277346	
1959	93334	92614	91734	90635	89987	89133	88436	87738	87000	86233	85518	84834	84151	83471	82794	82120	81449	80780	80113	79448	78785	78124	77465	76808	76153	75499	74846	74194	73543	72892	
1960	55001	54944	54744	54524	54284	53924	53444	52844	52144	51284	50252	49664	48779	47668	46339	44525	42247	39574	36411	32760	28680	24160	19280	14140	8730	3160	2510	24987	24841	24648	24390
1961	30506	29882	29415	28921	28502	28160	27806	27424	27008	26667	26311	25949	25582	25211	24836	24457	24074	23687	23296	22901	22502	22100	21695	21287	20876	20462	20046	19628	19208	18786	18362
1962	129158	128707	128054	127351	126749	126048	125209	124428	123500	122480	121266	120066	118832	117547	116200	114800	113350	111850	110300	108700	107050	105350	103600	101800	100050	98250	96500	94750	93000	91250	89500
1963	336156	333940	330962	328289	325721	323238	320837	318512	316267	314108	312033	310043	308138	306318	304583	302933	301368	299888	298493	297083	295658	294218	292763	291293	289808	288308	286793	285263	283718	282158	280583
1964	122182	121206	120248	119490	118835	118290	117807	117400	117064	116793	116580	116420	116310	116240	116200	116180	116190	116220	116260	116310	116370	116430	116490	116550	116610	116670	116730	116790	116850	116910	116970
1965	275463	274635	273737	272496	271251	270169	269334	268789	268523	268429	268494	268620	268806	269052	269358	269724	270150	270636	271182	271798	272484	273240	274066	274962	275928	276964	278070	279246	280492	281818	283224
1966	138353	137508	136502	135404	134248	133050	132829	132689	132629	132649	132730	132870	133069	133327	133644	134020	134455	134949	135493	136087	136731	137425	138169	138963	139807	140701	141645	142639	143683	144777	145921
1967	524419	522940	519948	517137	513983	510552	506900	503048	499104	494300	489526	484782	479968	475084	469930	464506	458822	452878	446664	440190	433456	426462	419208	411694	404020	396186	387202	377078	365764	353280	339646
1968	168474	164837	163408	161771	160085	158237	156459	154410	152433	150472	148582	146842	145234	143766	142448	141280	140262	139394	138576	137808	137090	136422	135804	135236	134718	134250	133832	133464	133146	132878	132660
1969	551157	548810	545900	542643	538256	534174	531534	529882	528266	526693	525163	523676	522234	520848	519514	518232	517002	515824	514698	513624	512602	511634	510720	509862	509060	508314	507624	507000	506442	505950	505524
1970	263477	261041	258618	256283	253948	251613	249278	246943	244608	242273	239938	237603	235268	232933	230598	228263	225928	223593	221258	218923	216588	214253	211918	209583	207248	204913	202578	200243	197908	195573	193238
1971	197821	195862	193789	191603	189317	186944	184484	181944	179324	176634	173874	171044	168134	165144	162074	158924	155694	152384	149004	145554	142034	138454	134814	131114	127354	123534	119654	115714	111714	107654	103534
1972	74987	74041	73191	72346	71512	70687	69867	69054	68247	67446	66651	65862	65079	64302	63531	62766	62007	61254	60507	59766	59031	58302	57579	56862	56151	55451	54761	54081	53411	52751	52101
1973	31937	31721	31496	31266	31031	30791	30546	30296	30041	29781	29516	29246	28971	28691	28406	28116	27821	27521	27216	26906	26591	26271	25946	25616	25281	24941	24596	24246	23891	23531	23166
1974	409174	407545	404677	402201	399822	397444	395067	392690	390313	387936	385559	383182	380805	378428	376051	373674	371297	368920	366543	364166	361789	359412	357035	354658	352281	350004	347727	345450	343173	340896	338619
1975	270088	267396	264700	261977	259220	256433	253613	250766	247891	244988	242057	239098	236111	233096	230053	226984	223889	220768	217622	214451	211255	208034	204788	201517	198221	194900	191554	188184	184784	181354	177894
1976	88346	87760	86945	86056	85030	83948	82796	81566	80275	78917	77496	76022	74505	72947	71347	69704	68028	66319	64576	62799	60988	59142	57261	55345	53394	51408	49387	47331	45141	42907	40639
1977	51881	51227	50427	49688	48911	48146	47404	46684	45986	45309	44653	44027	43431	42865	42329	41823	41347	40901	40485	40099	39743	39417	39121	38855	38619	38403	38207	38031	37875	37739	37623
1978	468556	464400	461839	458898	455745	452407	448884	445184	441317	437284	433084	428727	424214	419556	414754	409808	404718	399484	394106	388584	382922	377020	370888	364526	357934	351122	344190	337138	330066	322974	315862
1979	320707	317168	313566	308915	303240	296540	288824	280091	270342	259578	247809	235034	221254	206479	190710	173957	156220	137489	117774	97064	75464	52984	29624	5004	20000	20000	20000	20000	20000	20000	20000
1980	537775	534766	531435	528222	524356	520286	516008	511608	507097	502476	497754	492932	488010	482988	477866	472644	467322	461900	456378	450756	445034	439212	433290	427268	421146	414924	408602	402180	395658	389036	382314
1981	502849	505892	502820	498860	493208	485928	477900	468790	458508	447250	435022	421812	209836	207142	205522	203711	201760	199678	197466	195134	192682	190120	187458	184696	181834	178872	175710	172348	168786	165024	161162
1982	519616	521933	524245	525728	526295	526843	527391	527939	528487	529035	529583	530131	530679	531227	531775	532323	532871	533419	533967	534515	535063	535611	536159	536707	537255	537803	538351	538899	539447	539995	540543
1984	351834	349828	347939	345966	343989	341988	339964	337917	335847	333744	331608	329439	327236	325000	322731	320429	318094	315726	313325	310891	308420	305914	303373	300797	298176	295510	292809	290074	287305	284502	281665
1985	285291	282958	280639	278329	276029	273739	271449	269159	266869	264579	262289	260000	257710	255420	253130	250840	248550	246260	243970	241680	239390	237100	234810	232520	230230	227940	225650	223360	221070	218780	216490
1986	465801	462655	458336	454723	451229	447849	444494	441164	437859	434579	431324	428094	424889	421709	418554	415424	412319	409239	406184	403154	400149	397169	394214	391284	388379	385499	382644	379814	377009	374229	371474
1987	197086	196775	196464	196153	195842	195531	195220	194909	194598	194287	193976	193665	193354	193043	192732	192421	192110	191799	191488	191177	190866	190555	190244	189933	189622	189311	189000	188689	188378	188067	187756
1988	97989	97050	96027	95011	94004	93006	92008	91010	90012	89014	88016	87018	86020	85022	84024	83026	82028	81030	80032	79034	78036	77038	76040	75042	74044	73046	72048	71050	70052	69054	68056
1989	129469	127974	126588	125202	123816	122430	121044	119658	118272	116886	115500	114114	112728	111342	110000	108658	107316	105974	104632	1032											

ISABELLA RESERVOIR KERN RIVER BASIN, CALIFORNIA MIDNIGHT STORAGE

Units in acre-feet

NOVEMBER

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	10800	10800	10800	10800	10882	10882	10884	10884	10884	10884	10884	10884	10884	10884	10884	10884	10884	10884	10884	10884	10884	10884	10884	10884	10884	10884	10884	10884	10884	10884	10884																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
1955	13652	13652	13652	13652	13652	13652	13652	13652	13652	13652	13652	13652	13652	13652	13652	13652	13652	13652	13652	13652	13652	13652	13652	13652	13652	13652	13652	13652	13652	13652	13652	13652																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
1956	132723	132723	132723	132723	132658	132658	132658	132658	132658	132658	132658	132658	132658	132658	132658	132658	132658	132658	132658	132658	132658	132658	132658	132658	132658	132658	132658	132658	132658	132658	132658	132658																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
1957	102133	102091	102048	101984	101921	101857	101793	101729	101665	101601	101537	101473	101409	101345	101281	101217	101153	101089	101025	100961	100897	100833	100769	100705	100641	100577	100513	100449	100385	100321	100257	100193	100129																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
1958	205420	204756	204092	203428	202764	202100	201436	200772	200108	199444	198780	198116	197452	196788	196124	195460	194796	194132	193468	192804	192140	191476	190812	190148	189484	188820	188156	187492	186828	186164	185500	184836	184172	183508																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
1959	72576	72542	72508	72474	72440	72406	72372	72338	72304	72270	72236	72202	72168	72134	72100	72066	72032	71998	71964	71930	71896	71862	71828	71794	71760	71726	71692	71658	71624	71590	71556	71522	71488	71454																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
1960	29415	29387	29360	29333	29306	29279	29252	29225	29198	29171	29144	29117	29090	29063	29036	29009	28982	28955	28928	28901	28874	28847	28820	28793	28766	28739	28712	28685	28658	28631	28604	28577	28550	28523	28496	28469																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
1961	17688	17676	17663	17650	17637	17624	17611	17598	17585	17572	17559	17546	17533	17520	17507	17494	17481	17468	17455	17442	17429	17416	17403	17390	17377	17364	17351	17338	17325	17312	17299	17286	17273	17260	17247	17234	17221																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
1962	84681	84654	84616	84541	84503	84503	84468	84433	84398	84363	84328	84293	84258	84223	84188	84153	84118	84083	84048	84013	83978	83943	83908	83873	83838	83803	83768	83733	83698	83663	83628	83593	83558	83523	83488	83453	83418	83383	83348																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
1963	176473	176573	176519	174462	174159	173736	173484	173251	173039	172847	172675	172522	172389	172266	172153	172059	171984	171928	171881	171844	171816	171797	171787	171785	171791	171805	171828	171860	171891	171931	171979	172035	172099	172171	172251	172339	172435	172540	172654	172777	172908	173046	173191	173343	173502	173668	173841	174020	174204	174393	174587	174786	174990	175194	175403	175617	175836	176060	176289	176523	176762	177006	177255	177509	177768	178032	178301	178574	178851	179133	179419	179709	180002	180298	180596	180896	181198	181502	181808	182116	182426	182737	183049	183362	183676	183991	184307	184624	184942	185261	185581	185902	186224	186547	186871	187196	187522	187849	188177	188506	188835	189165	189495	189826	190157	190488	190820	191153	191487	191822	192157	192493	192830	193168	193507	193847	194188	194530	194873	195217	195562	195908	196255	196603	196952	197302	197653	198005	198358	198712	199067	199423	199780	200138	200497	200857	201218	201580	201943	202307	202672	203038	203405	203773	204142	204512	204883	205255	205628	206002	206377	206753	207130	207508	207887	208267	208648	209030	209413	209797	210182	210568	210955	211343	211732	212122	212513	212905	213298	213692	214087	214483	214880	215278	215677	216077	216478	216880	217283	217687	218092	218498	218905	219313	219722	220132	220543	220955	221368	221782	222197	222613	223030	223448	223867	224287	224708	225130	225553	225977	226402	226828	227255	227683	228112	228542	228973	229405	229838	230272	230707	231143	231580	232018	232457	232897	233338	233780	234223	234667	235112	235558	236005	236453	236902	237352	237803	238255	238708	239162	239617	240073	240530	240988	241447	241907	242368	242830	243293	243757	244222	244688	245155	245623	246092	246562	247033	247505	247978	248452	248927	249403	249880	250358	250837	251317	251798	252280	252763	253247	253732	254218	254705	255193	255682	256172	256663	257155	257648	258142	258637	259133	259630	260128	260627	261127	261628	262130	262633	263137	263642	264148	264655	265163	265672	266182	266693	267205	267718	268232	268747	269263	269780	270298	270817	271337	271858	272380	272903	273427	273952	274478	275005	275533	276062	276592	277123	277655	278188	278722	279257	279793	280330	280868	281407	281947	282488	283030	283573	284117	284662	285208	285755	286303	286852	287402	287953	288505	289058	289612	290167	290723	291280	291838	292397	292957	293518	294080	294643	295207	295772	296338	296905	297473	298042	298612	299183	299755	300328	300902	301477	302053	302630	303208	303787	304367	304948	305530	306113	306697	307282	307868	308455	309043	309632	310222	310813	311405	312000	312596	313193	313792	314392	314993	315595	316198	316802	317407	318013	318620	319228	319837	320447	321058	321670	322283	322897	323512	324128	324745	325363	325982	326602	327223	327845	328468	329092	329717	330343	330970	331598	332227	332857	333488	334120	334753	335387	336022	336658	337295	337933	338572	339212	339853	340495	341138	341782	342427	343073	343720	344368	345017	345667	346318	346970	347623	348277	348932	349588	350245	350903	351562	352222	352883	353545	354208	354872	355537	356203	356870	357538	358207	358877	359548	360220	360893	361567	362242	362918	363595	364273	364952	365632	366313	367000	367688	368377	369067	369758	370450	371143	371837	372532	373228	373925	374623	375322	376022	376723	377425	378128	378832	379537	380243	380950	381658	382367	383077	383788	384499	385211	385924	386638	387353	388069	388786	389504	390223	390943	391664	392386	393109	393833	394558	395284	396011	396739	397468	398198	398929	399661	400394	401128	401863	402600	403338	404077	404817	405558	406300	407043	407787	408532	409278	410025	410773	411522	412272	413023	413775	414528	415282	416037	416793	417550	418308	419067	419827	420588	421350	422113	422877	423642	424408	425175	425943	426712	427482	428253	429025	429798	430572	431347	432123	432900	433678	434457	435237	436018	436800	437583	438367	439152	439938	440725	441513	442302	443092	443883	444675	445468	446262	447057	447853	448650	449448	450247	451047	451848	452650	453453	454257	455062	455868	456675	457483	458292	459102	459913	460725	461538	462352	463167	463983	464800	465618	466437	467257	468078	468899	469722	470546	471371	472197	473024	473852	474681	475511	476342	477174	478007	478841	479676	480512	481349	482187	483026	483866	484707	485549	486392	487236	488081	488927	489774	490622	491471	492321	493172	494024	494877	495731	496586	497442	498299	499157	500016	500876	501737	502599	503462	504326	505191	506057	506924	507792	508661	509531	510402	511274	512147	513021	513896	514772	515649	516527	517406	518286	519167	520049	520932	521816	522701	523587	524474	525362	526251	527141	528032	528924	529817	530711	531606	532502	533400	534299	535199	536100	537002	537905	538809	539714	540620	541527	542435	543344	544254	545165	546077	546990	547904	548819	549735	550652	551570	552489	553409	554330	555252	556175	557100	558026	558953	559881	560810	561740	562671	563603	564536	565470	566405	567341	568278	569216	570155	571095	572036	572978	573921	574865	575810	576756	577703	5786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LEGEND

- Drainage Boundary
- U.S. Highway
- State Highway
- Interstate Highway
- Railroad
- Levee
- Intermittent Stream
- Perennial Stream
- Canal
- Reservoir or Lake
- Authorized Reservoir

SCALE
(Statute Miles)

**ISABELLA LAKE
KERN RIVER, CALIFORNIA**

GENERAL MAP

CORPS OF ENGINEERS SACRAMENTO, CALIFORNIA
 Prepared: C.D.M. Date: NOVEMBER 1977
 Drawn: T.K.B.

