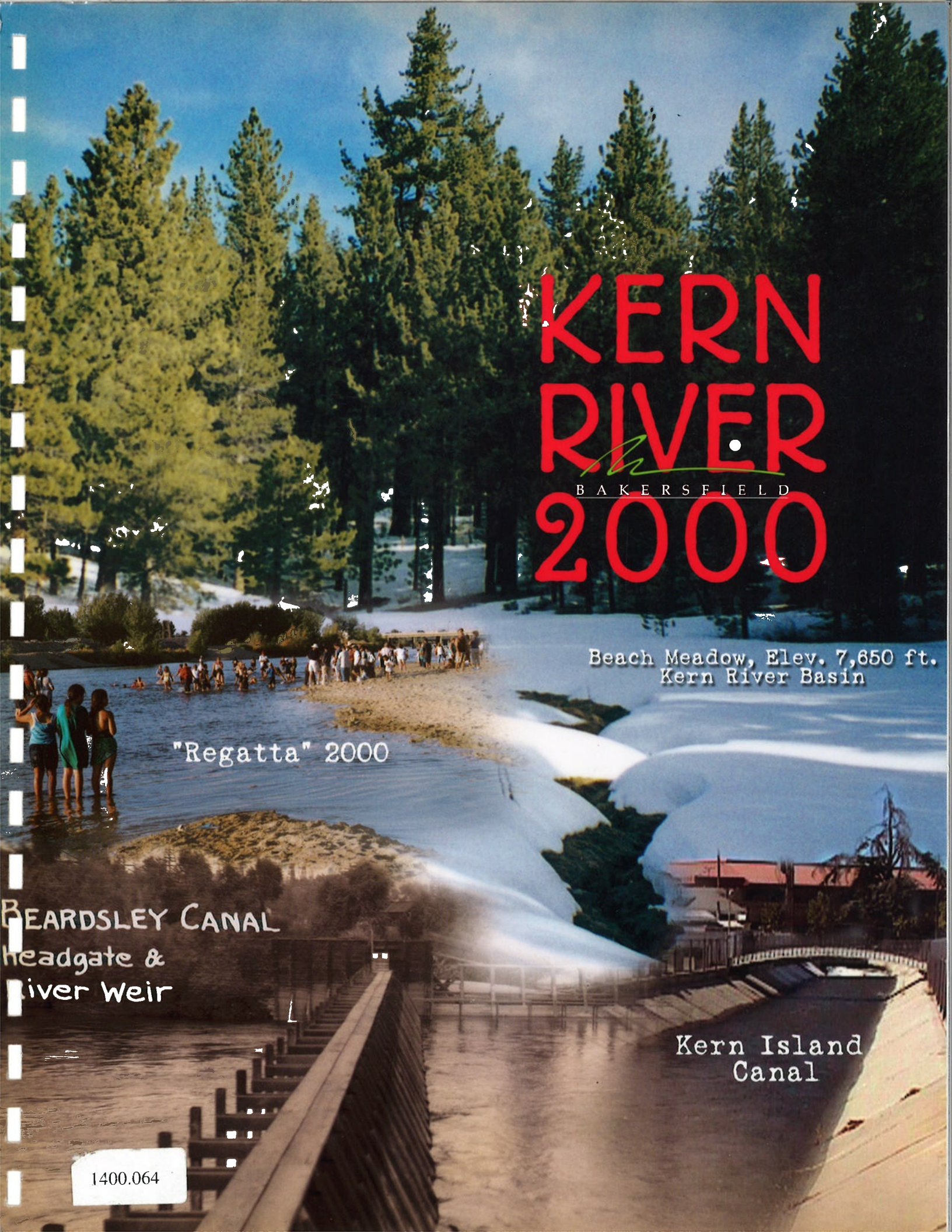

KERN
RIVER
BAKERSFIELD
2000
Beach Meadow, Elev. 7,650 ft.
Kern River Basin
"Regatta" 2000
BEARDSLEY CANAL
headgate &
River Weir
Kern Island
Canal

1400.064

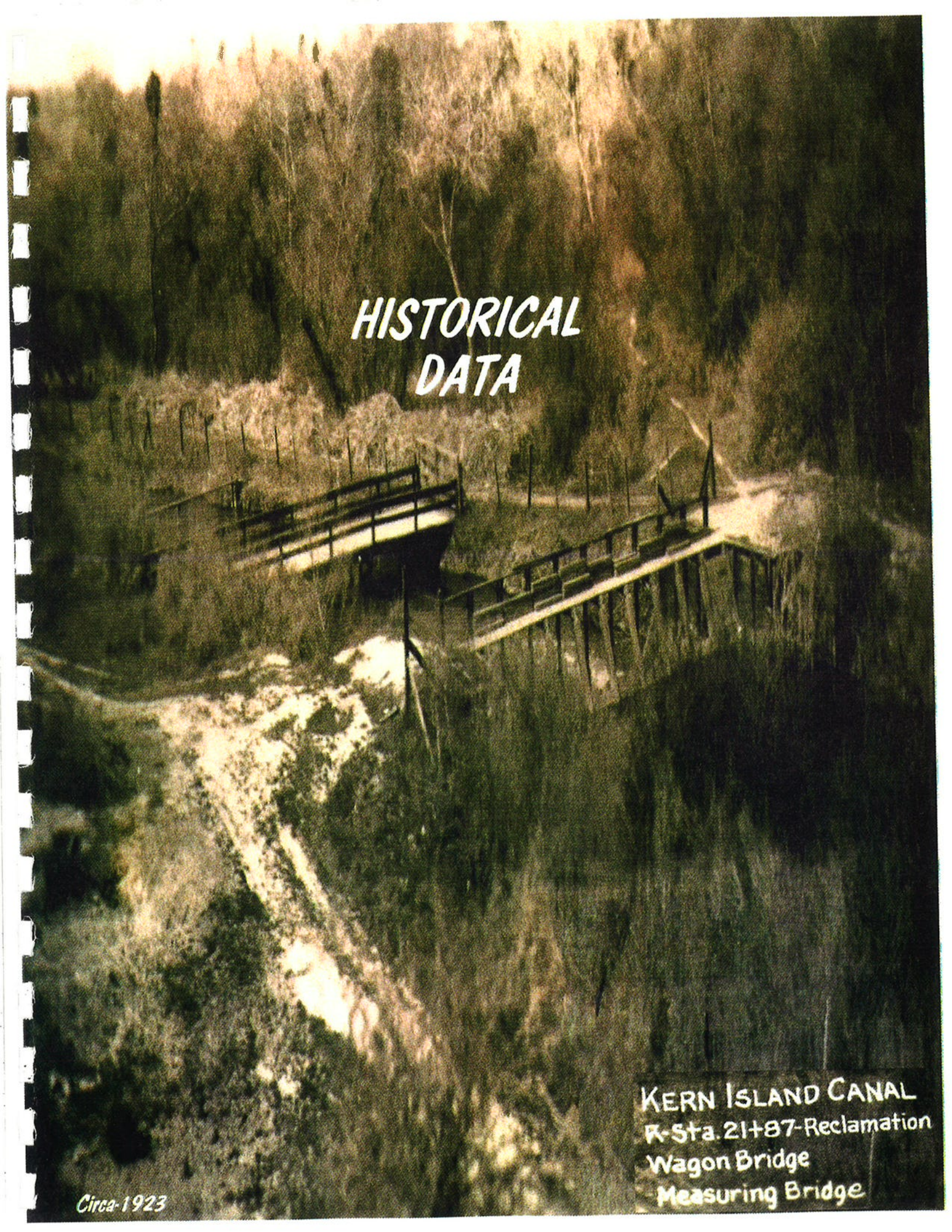

Lake Isabella, California

2000
HYDROGRAPHIC ANNUAL REPORT

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HISTORICAL DATA



HISTORICAL RECAP
KERN RIVER AT FIRST POINT OF MEASUREMENT

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

HISTORICAL RECAP
KERN RIVER AT FIRST POINT OF MEASUREMENT

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

HISTORICAL RECAP
KERN RIVER AT FIRST POINT OF MEASUREMENT

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

HISTORICAL RECAP
KERN RIVER AT FIRST POINT OF MEASUREMENT

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

HISTORICAL RECAP
KERN RIVER AT FIRST POINT OF MEASUREMENT

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

HISTORICAL RECAP
KERN RIVER AT FIRST POINT OF MEASUREMENT

YEAR	QUANTITY	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEP	OCT	NOV	DEC	TOTAL	MAX.	MIN.	MEAN
1991	acre-feet	10,931	9,215	47,341	58,092	79,763	100,423	38,265	14,854	11,040	9,358	13,940	13,067	406,289	--	--	--
	mean s.f.d.	178	166	770	976	1,297	1,688	622	242	186	152	234	213	--	5,025	109	561
1992	acre-feet	14,069	22,314	26,410	55,448	74,394	32,987	16,324	11,942	7,896	9,414	11,054	14,577	296,829	--	--	--
	mean s.f.d.	229	388	430	932	1,210	554	265	194	133	153	186	237	--	1,584	104	409
1993	acre-feet	39,221	39,564	94,231	133,993	200,864	162,420	87,414	32,763	16,506	14,223	14,398	18,163	853,760	--	--	--
	mean s.f.d.	638	712	1,533	2,252	3,267	2,730	1,422	533	277	231	242	295	--	3,957	203	1,179
1994	acre-feet	18,936	23,946	38,592	46,489	67,224	56,223	21,068	11,939	8,981	14,771	12,780	15,507	336,456	--	--	--
	mean s.f.d.	308	431	628	781	1,093	945	343	194	151	240	215	252	--	1,686	121	465
1995	acre-feet	46,832	48,774	156,387	143,244	255,046	293,129	237,802	89,657	39,108	24,093	22,268	28,820	1,385,160	--	--	--
	mean s.f.d.	762	878	2,543	2,407	4,148	4,926	3,867	1,458	657	392	374	469	--	8,420	240	1,913
1996	acre-feet	40,304	98,549	108,042	147,959	225,987	154,883	70,502	32,255	16,651	15,788	40,903	86,438	1,038,261	--	--	--
	mean s.f.d.	655	1,713	1,757	2,487	3,675	2,603	1,147	525	280	257	687	1,406	--	9,024	222	1,430
1997	acre-feet	246,022	104,771	120,448	142,909	214,290	142,358	71,919	38,047	26,039	20,926	23,708	30,532	1,181,969	--	--	--
	mean s.f.d.	4,001	1,887	1,959	2,402	3,485	2,392	1,170	619	438	340	398	497	--	19,794	284	1,633
1998	acre-feet	45,927	136,340	151,329	189,663	308,440	371,835	267,435	94,510	50,959	35,008	33,302	33,219	1,717,967	--	--	--
	mean s.f.d.	747	2,455	2,461	3,187	5,016	6,249	4,349	1,537	856	569	560	540	--	8,477	436	2,373
1999	acre-feet	37,722	38,388	38,495	55,843	95,199	68,733	32,852	17,133	12,547	11,714	12,288	13,057	433,971	--	--	--
	mean s.f.d.	613	691	626	938	1,548	1,155	534	279	211	191	207	212	--	2,077	174	599
2000	acre-feet	19,140	35,096	50,176	67,388	129,406	81,396	28,306	16,610	10,937	12,912	12,764	12,688	476,819	--	--	--
	mean s.f.d.	311	610	816	1,133	2,105	1,368	460	270	184	210	215	206	--	2,910	145	657

KERN RIVER AT FIRST POINT OF MEASUREMENT
HISTORICAL MONTHLY NATURAL FLOWS

YEAR: 2000

October 1893 to Date...

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
Mean Monthly Flow (acre-feet)	37,789	44,389	66,305	100,368	157,550	140,827	73,582	31,771	18,636	17,607	19,922	27,904	736,650
Mean Monthly Flow (second foot days)	615	792	1,078	1,687	2,562	2,367	1,197	517	313	286	335	454	1,017
Maximum Monthly Flow (acre-feet)	246,022	202,510	378,116	481,749	617,968	571,846	399,841	154,935	68,503	53,300	96,968	313,811	
Year of Occurrence	*1997*	*1916*	*1916*	*1916*	*1969*	*1983*	*1906*	*1983*	*1983*	*1983*	*1950*	*1966*	
Minimum Monthly Flow (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	
Year of Occurrence	*1991*	*1991*	*1961*	*1977*	*1977*	*1924*	*1924*	*1924*	*1924*	*1931*	*1931*	*1990*	
Number Months of Record	107	107	107	107	107	107	107	107	107	108	108	108	
Cumulative Monthly Flow (All Months - acre-feet)	4,043,424	4,749,581	7,094,637	10,739,411	16,857,799	15,068,497	7,873,283	3,399,441	1,994,074	1,901,605	2,151,531	3,013,643	
Median Monthly Flow (acre-feet)	23,716	31,158	48,294	76,159	121,529	113,453	49,529	22,058	14,102	14,584	16,020	19,519	550,121
Median Monthly Flow (second foot days)	386	556	785	1,280	1,976	1,907	806	359	237	237	269	317	759

MEAN APRIL - JULY RUNOFF TO DATE = 472,327 AcFt
MEDIAN APRIL - JULY RUNOFF TO DATE = 360,670 AcFt

MEAN MARCH - OCTOBER RUNOFF TO DATE = 606,646 AcFt
MEDIAN MARCH - OCTOBER RUNOFF TO DATE = 459,708 AcFt

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

Acre-foot Quantities In order of Magnitude

Year: 2000

YEAR	APR	MAY	JUN	JUL	TOTAL	% OF AVERAGE
1961	24,137	29,980	24,305	8,952	87,374	18%
1924	28,540	41,722	14,069	8,225	92,556	20%
1977	23,391	25,630	35,655	10,973	95,649	20%
1931	23,440	41,867	24,262	8,493	98,062	21%
1976	25,924	47,151	20,930	14,749	108,754	23%
1990	32,019	38,600	29,345	13,380	113,344	24%
1934	39,919	43,065	21,820	11,341	116,145	25%
1972	28,288	45,965	38,531	14,936	127,720	27%
1959	40,566	39,945	32,061	18,013	130,585	28%
1898	42,248	45,213	32,809	15,033	135,303	29%
1988	39,584	58,350	43,140	20,969	162,043	34%
1960	46,272	58,336	47,181	16,683	168,472	36%
1992	55,448	74,394	32,987	16,324	179,153	38%
1964	42,946	61,521	54,658	23,803	182,928	39%
1994	46,489	67,224	56,223	21,068	191,004	40%
1928	37,757	76,885	60,344	18,716	193,702	41%
1900	28,102	68,295	76,366	24,125	196,888	42%
1949	50,517	84,508	57,685	17,201	209,911	44%
1987	55,236	75,108	56,146	24,918	211,408	45%
1913	42,494	73,561	60,738	34,929	211,722	45%
1899	53,133	51,353	79,178	30,046	213,710	45%
1929	39,064	85,995	63,487	30,986	219,532	46%
1966	68,779	82,336	45,431	23,347	219,893	46%
1955	37,567	69,544	86,660	31,014	224,785	47%
1930	53,506	67,851	82,824	28,401	232,582	49%
1926	66,079	98,598	49,530	18,575	232,782	49%
1989	91,380	71,849	49,823	21,378	234,430	49%
1948	43,976	86,108	78,565	31,331	239,980	51%
1971	52,661	66,635	82,707	42,472	244,475	52%
1968	65,584	87,991	64,054	30,690	248,319	52%
1947	60,353	110,325	57,778	21,116	249,572	53%
1912	37,246	80,471	100,925	33,170	251,812	53%
1999	55,843	95,199	68,733	32,852	252,627	53%
1981	69,320	91,914	65,817	25,630	252,681	53%
1908	79,320	79,418	60,305	41,851	260,894	55%
1951	48,914	85,039	88,990	38,941	261,884	55%
1939	92,136	92,253	58,400	25,480	268,269	57%
1991	58,092	79,763	100,423	38,265	276,543	58%
1957	38,644	79,355	132,359	41,988	292,346	62%
1894	88,974	98,801	64,564	43,061	295,400	62%
1933	57,265	60,026	125,395	56,898	299,584	63%
1950	76,155	98,483	90,367	34,901	299,906	63%
2000	67,388	129,406	81,396	28,306	306,496	65%
1925	56,408	102,016	96,252	58,437	313,113	66%
1904	59,812	113,205	103,904	39,725	316,646	67%
1970	63,513	110,057	95,700	50,138	319,408	67%
1921	51,723	100,096	120,387	49,119	321,325	68%
1953	70,730	86,019	103,164	69,657	329,570	70%
1923	73,355	120,849	82,528	55,800	332,532	70%
1918	74,513	78,722	136,753	44,828	334,816	71%
1919	86,574	140,215	81,844	34,364	342,997	72%
1935	71,042	103,787	133,634	42,184	350,647	74%
1910	102,883	127,733	79,464	42,046	352,126	74%
1954	101,203	139,719	73,553	39,642	354,117	75%

YEAR	APR	MAY	JUN	JUL	TOTAL	% OF AVERAGE
1905	62,047	117,748	132,766	53,835	366,396	77%
1896	57,864	86,174	146,124	82,760	372,922	79%
1975	46,602	147,001	140,660	51,917	386,180	81%
1902	107,403	109,904	128,853	43,436	389,596	82%
1946	109,658	155,476	85,880	39,733	390,747	82%
1903	74,315	132,097	139,222	53,355	398,989	84%
1944	80,223	150,109	115,862	59,197	405,391	86%
1979	102,079	164,935	106,112	46,733	419,859	89%
1984	91,359	161,613	93,114	77,046	423,132	89%
1985	136,241	146,799	99,858	41,395	424,293	90%
1920	83,370	158,904	137,840	50,699	430,813	91%
1915	80,916	124,506	172,324	77,496	455,242	96%
1965	80,043	131,980	149,357	95,288	456,668	96%
1963	69,412	137,839	163,944	105,384	476,579	101%
1940	118,175	196,465	145,503	50,471	510,614	108%
1962	147,463	135,884	157,253	74,874	515,474	109%
1927	100,362	184,721	161,153	75,481	521,717	110%
1942	112,586	150,036	178,754	81,529	522,905	110%
1956	97,553	159,683	168,876	99,529	525,641	111%
1932	111,273	154,742	166,404	94,013	526,432	111%
1974	114,113	183,733	167,740	69,580	535,166	113%
1917	126,329	165,062	187,638	81,275	560,304	118%
1997	142,909	214,290	142,358	71,919	571,476	121%
1936	157,290	219,404	137,028	67,902	581,624	123%
1901	83,190	186,446	197,792	114,613	582,041	123%
1993	133,993	200,864	162,420	87,414	584,691	123%
1945	131,246	205,509	169,002	91,593	597,350	126%
1996	147,959	225,987	154,883	70,502	599,331	126%
1922	84,407	242,259	202,395	88,649	617,710	130%
1897	173,393	281,639	137,393	61,837	654,262	138%
1907	197,720	199,950	183,995	97,083	678,748	143%
1914	144,934	210,676	201,064	128,338	685,012	145%
1895	162,071	268,635	172,890	91,133	694,729	147%
1943	198,736	254,785	155,650	88,011	697,182	147%
1911	138,113	184,481	222,076	156,498	701,168	148%
1973	110,892	288,652	230,390	93,834	723,768	153%
1982	212,963	254,985	198,748	130,098	796,794	168%
1958	168,105	316,974	230,866	115,724	831,669	175%
1937	183,505	352,050	225,395	91,097	852,047	180%
1986	208,147	293,335	263,794	121,398	886,674	187%
1967	99,509	269,631	311,063	243,802	924,005	195%
1995	143,244	255,046	293,129	237,802	929,221	196%
1938	223,928	315,044	291,880	130,917	961,769	203%
1980	211,608	287,825	282,877	208,715	991,025	209%
1941	124,615	386,666	309,960	174,416	995,657	210%
1978	181,700	363,157	354,825	194,693	1,094,375	231%
1952	222,633	434,769	302,557	159,856	1,119,815	236%
1998	189,663	308,440	371,835	267,435	1,137,373	240%
1909	247,402	382,617	394,086	194,870	1,218,975	257%
1906	173,143	360,234	458,418	399,841	1,391,636	294%
1983	206,473	478,625	571,846	288,866	1,545,810	326%
1916	481,749	472,994	391,700	225,154	1,571,597	332%
1969	378,333	617,968	496,796	254,777	1,747,874	369%
MAXIMUM	481,749	617,968	571,846	399,841	1,747,874	
MINIMUM	23,391	25,630	14,069	8,225	87,374	
AVERAGE	100,368	157,550	140,827	73,582	472,327	

Kern River Mean Natural Flow at First Point of Measurement

DISCHARGE IN CUBIC FEET PER SECOND (1893 to Date) Year: 2000

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	460	747	875	1,313	2,154	2,733	1,723	733	372	304	293	356
2	513	711	909	1,319	2,180	2,702	1,702	710	368	301	291	358
3	608	668	989	1,335	2,220	2,686	1,676	693	365	298	288	373
4	510	621	965	1,330	2,283	2,680	1,648	676	356	295	285	396
5	503	621	994	1,362	2,328	2,689	1,590	651	370	288	287	504
6	479	682	955	1,390	2,368	2,696	1,542	635	375	295	288	1,113
7	471	813	912	1,410	2,396	2,693	1,493	619	350	285	290	527
8	476	758	928	1,437	2,437	2,670	1,447	605	337	291	289	433
9	458	801	1,015	1,465	2,472	2,620	1,405	589	326	292	290	440
10	472	769	1,058	1,493	2,497	2,601	1,365	580	316	287	295	449
11	491	702	1,062	1,594	2,501	2,564	1,316	570	311	285	309	462
12	554	717	1,013	1,610	2,503	2,545	1,281	557	315	281	312	444
13	574	829	1,019	1,602	2,530	2,527	1,251	531	305	281	306	421
14	674	819	1,029	1,619	2,557	2,491	1,228	513	295	277	310	394
15	594	813	998	1,639	2,574	2,457	1,189	506	294	278	307	392
16	607	789	1,031	1,684	2,591	2,407	1,163	501	289	278	308	383
17	595	812	1,059	1,705	2,615	2,374	1,130	489	287	285	318	385
18	665	913	1,122	1,736	2,648	2,331	1,101	486	284	281	334	378
19	635	913	1,112	1,780	2,686	2,293	1,068	484	278	281	466	372
20	595	903	1,104	1,830	2,687	2,259	1,041	470	278	283	415	368
21	603	847	1,142	1,877	2,689	2,224	1,005	451	279	281	370	376
22	698	849	1,129	1,916	2,701	2,188	975	433	278	278	381	406
23	718	872	1,134	1,931	2,693	2,141	960	423	277	278	366	539
24	724	842	1,146	1,948	2,704	2,079	959	409	276	277	386	488
25	966	845	1,194	1,968	2,726	2,025	917	399	293	275	384	486
26	940	838	1,219	2,001	2,771	1,962	887	387	334	282	365	463
27	780	841	1,254	2,026	2,777	1,917	867	385	309	287	380	498
28	731	829	1,259	2,071	2,780	1,867	837	388	291	289	374	472
29	648	869	1,257	2,088	2,796	1,816	804	387	296	289	363	452
30	625	-	1,256	2,123	2,788	1,763	780	382	292	295	394	493
31	685	-	1,290	-	2,779	-	748	376	-	300	-	447
TOTAL	19,052	22,379	33,429	50,602	79,431	71,000	37,098	16,018	9,396	8,877	10,044	14,068
MAXIMUM DAY	966	913	1,290	2,123	2,796	2,733	1,723	733	375	304	466	1,113
MINIMUM DAY	458	621	875	1,313	2,154	1,763	748	376	276	275	285	356
MEAN	615	792	1,078	1,687	2,562	2,367	1,197	517	313	286	335	454
TOTAL AC. FT.	37,789	44,389	66,305	100,368	157,550	140,827	73,582	31,771	18,636	17,607	19,922	27,904

WHOLE YEAR:- TOTAL, 371,394 MAX., 2,796 MIN., 275 MEAN, 1,017 TOTAL AC.FT., 736,650

Kern River Median Natural Flow at First Point of Measurement

DISCHARGE IN CUBIC FEET PER SECOND (1893 to Date) Year: 2000

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	347	442	633	1,018	1,621	2,196	1,299	502	263	236	245	284
2	346	441	659	1,005	1,655	2,219	1,225	469	257	235	257	279
3	345	452	647	994	1,661	2,218	1,205	472	257	229	253	303
4	352	461	657	998	1,742	2,238	1,188	475	265	241	252	315
5	353	473	708	1,085	1,765	2,184	1,085	434	257	230	258	318
6	364	481	694	1,120	1,722	2,151	1,043	426	259	228	256	322
7	368	501	653	1,209	1,708	2,409	988	433	257	232	260	308
8	371	524	662	1,207	1,765	2,324	980	421	249	234	257	307
9	379	542	668	1,229	1,880	2,255	953	391	250	236	258	310
10	365	561	642	1,271	1,919	2,305	898	384	247	231	263	304
11	367	572	656	1,188	1,903	2,293	853	369	247	228	263	310
12	386	564	671	1,180	1,905	2,297	834	384	244	229	267	312
13	385	588	623	1,213	2,002	2,198	841	367	237	235	269	316
14	391	570	694	1,249	1,947	2,186	833	351	229	230	272	319
15	372	539	723	1,177	1,941	2,083	796	343	235	232	271	319
16	385	579	719	1,217	1,906	1,975	739	359	239	233	268	326
17	373	615	739	1,285	2,061	1,853	738	340	231	235	269	323
18	373	613	764	1,270	2,147	1,811	722	326	229	242	276	312
19	385	617	852	1,302	2,141	1,720	710	321	220	245	281	318
20	401	603	880	1,328	2,073	1,619	702	312	221	245	283	318
21	393	583	906	1,411	2,011	1,634	692	306	229	240	268	309
22	406	581	891	1,425	2,040	1,625	641	299	228	236	275	312
23	402	577	888	1,437	2,048	1,606	611	312	221	237	284	337
24	418	581	878	1,484	2,114	1,545	605	308	214	237	284	328
25	420	614	921	1,478	2,146	1,468	602	299	217	236	289	333
26	397	616	989	1,557	2,114	1,439	576	285	222	243	286	322
27	408	623	999	1,505	2,169	1,369	559	305	222	250	276	325
28	404	639	992	1,511	2,268	1,335	532	280	217	248	274	337
29	419	642	964	1,504	2,294	1,348	518	281	218	249	281	327
30	433	-	973	1,540	2,331	1,296	520	280	229	244	282	339
31	449	-	1,003	-	2,272	-	483	287	-	247	-	349
TOTAL	11,957	15,709	24,348	38,397	61,271	57,199	24,971	11,121	7,110	7,353	8,077	9,841
MAXIMUM DAY	449	642	1,003	1,557	2,331	2,409	1,299	502	265	250	289	349
MINIMUM DAY	345	441	623	994	1,621	1,296	483	280	214	228	245	279
MEAN	386	556	785	1,280	1,976	1,907	806	359	237	237	269	317
TOTAL AC. FT.	23,716	31,158	48,294	76,159	121,529	113,453	49,529	22,058	14,102	14,584	16,020	19,519

WHOLE YEAR:- TOTAL, 277,354 MAX., 2,409 MIN., 214 MEAN, 759 TOTAL AC.FT., 550,121

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

RECAPITULATION IN ACRE-FEET

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
1954	22,019	30,361	44,575	79,089	80,539	81,189	61,059	39,830	22,114	14,450	17,500	17,595	510,320
1955	19,795	22,058	34,671	38,874	48,188	72,196	43,259	25,065	12,936	10,399	13,599	26,743	367,783
1956	41,377	40,326	62,779	49,291	94,887	115,428	124,007	99,489	52,098	42,294	16,990	16,534	755,500
1957	17,958	22,425	34,935	39,677	52,885	96,466	70,175	39,943	22,471	17,282	13,795	17,847	445,859
1958	19,137	28,175	42,125	78,472	131,421	181,305	187,890	143,722	61,519	49,825	25,095	18,825	967,511
1959	20,811	20,991	37,767	29,936	27,463	94,028	59,817	22,699	10,524	8,700	9,786	10,643	353,165
1960	12,516	17,405	24,044	25,041	47,986	81,481	38,991	26,386	13,154	10,483	13,803	12,798	324,088
1961	11,280	10,736	14,017	16,318	16,780	19,321	25,222	21,316	13,404	7,267	9,281	12,121	177,063
1962	13,121	27,435	44,838	95,445	87,187	112,437	113,318	40,778	26,164	22,623	12,448	12,054	607,848
1963	12,067	24,175	32,959	38,914	54,756	80,063	127,710	118,179	68,368	64,828	31,174	23,044	676,237
1964	20,356	21,152	28,532	27,485	28,451	76,268	71,078	31,323	10,989	8,852	14,259	22,879	361,624
1965	35,784	35,907	41,383	39,399	61,313	85,934	96,236	75,497	52,397	47,220	34,356	28,877	634,303
1966	29,978	22,752	50,933	44,634	37,289	67,486	68,338	51,110	19,535	14,739	15,265	82,447	504,506
1967	**146,180**	40,516	57,923	82,732	190,249	200,743	183,566	**240,154**	146,509	85,002	56,799	35,482	1,465,855
1968	33,088	36,284	44,904	45,035	52,156	88,046	82,937	56,584	13,656	13,886	16,365	14,085	497,026
1969	50,499	106,247	**237,265**	**378,817**	332,015	374,787	263,903	221,738	121,359	102,494	90,523	34,122	2,313,769
1970	42,299	32,206	52,489	60,101	53,698	86,904	94,112	88,421	35,667	21,285	18,228	15,844	601,254
1971	25,978	35,520	48,589	30,809	31,950	57,322	82,128	64,643	23,520	12,184	12,839	17,169	442,651
1972	19,527	22,094	32,130	29,760	32,410	44,965	47,996	31,579	11,560	10,286	12,460	16,524	311,291
1973	21,356	26,214	38,878	66,541	97,172	143,554	161,028	102,660	47,883	29,457	24,811	25,579	785,133
1974	35,447	45,969	49,248	47,151	57,477	96,807	120,476	109,093	69,648	54,365	37,085	23,137	745,903
1975	21,221	34,844	45,041	38,444	57,142	95,197	108,932	89,738	34,139	17,072	15,108	15,213	572,091
1976	14,690	19,008	31,789	23,609	28,901	52,300	54,190	30,742	21,828	19,440	12,946	11,341	320,784
1977	14,051	14,380	15,925	18,778	17,431	25,813	32,951	21,888	8,765	7,660	8,287	14,773	200,702
1978	26,132	50,285	49,222	149,450	266,073	236,549	198,587	146,660	73,234	93,098	70,927	30,458	1,390,675
1979	32,549	31,793	45,903	46,508	62,557	109,987	126,343	107,605	32,267	22,792	18,855	18,909	656,068
1980	55,976	81,590	157,503	185,089	167,415	194,134	238,716	200,338	106,516	82,893	61,644	28,838	1,560,652
1981	25,482	27,013	40,594	41,768	46,348	78,405	80,906	51,310	14,315	14,324	18,426	21,578	460,469
1982	30,363	43,374	49,110	57,060	86,469	155,508	166,492	156,341	88,411	104,122	**101,403**	82,435	1,121,088
1983	57,566	71,165	152,862	286,605	**370,706**	**419,760**	**387,505**	176,194	**153,814**	**117,233**	97,616	**90,549**	**2,381,575**
1984	84,280	96,998	68,614	49,793	67,327	89,409	110,785	96,734	43,180	41,726	37,420	47,770	834,036
1985	40,133	48,686	53,821	56,358	72,506	98,757	111,385	77,728	34,973	25,305	20,333	28,986	668,971
1986	31,277	39,039	95,946	172,221	205,204	233,197	193,767	141,114	67,569	82,792	45,227	24,208	1,331,561
1987	24,117	28,919	43,408	44,894	43,609	68,424	73,047	42,545	18,589	15,824	14,269	14,664	432,309
1988	20,793	26,906	35,036	33,769	31,815	50,995	60,458	28,346	13,529	9,025	10,318	14,483	335,473
1989	16,869	21,568	32,092	38,575	39,632	56,527	55,765	36,204	14,241	12,773	10,788	13,739	348,773
1990	12,926	16,124	25,071	24,422	25,454	30,030	31,129	21,519	6,885	8,979	8,037	8,925	219,501
1991	10,627	9,112	27,814	28,937	30,539	62,997	63,654	48,196	12,490	11,353	13,381	14,394	333,494
1992	13,593	20,711	25,451	25,777	33,548	38,600	40,967	31,928	10,195	7,789	10,383	13,880	272,822
1993	22,062	25,426	52,479	45,489	63,322	107,357	118,677	88,671	51,846	34,725	14,021	18,264	642,339
1994	19,622	28,720	41,819	41,256	35,411	69,470	75,175	53,484	16,072	13,745	12,060	15,527	422,361
1995	19,839	20,858	57,225	113,865	138,034	186,960	195,546	205,924	102,593	71,157	57,106	27,993	1,197,100
1996	28,994	34,576	47,226	59,046	148,419	153,050	147,913	113,232	64,770	43,593	45,201	82,016	968,036
1997	63,352	**142,831**	158,678	95,933	120,789	133,315	133,724	108,452	55,240	42,278	46,977	31,894	1,133,463
1998	45,636	93,987	97,468	132,317	239,423	284,408	239,607	200,713	114,224	89,980	93,054	31,739	1,662,556
1999	32,523	40,907	29,209	29,480	38,071	64,411	78,924	64,167	36,405	20,473	10,848	16,203	461,621
2000	19,946	23,320	33,834	46,580	49,204	81,023	83,659	59,577	26,533	20,340	12,260	16,260	472,536
MAXIMUM	**146,180**	**142,831**	**237,265**	**378,817**	**370,706**	**419,760**	**387,505**	**240,154**	**153,814**	**117,233**	**101,403**	**90,549**	**2,381,575**
MINIMUM	**10,627**	**9,112**	**14,017**	**16,318**	**16,780**	**19,321**	**25,222**	**21,316**	**6,885**	**7,267**	**8,037**	**8,925**	**177,063**
AcFt TOTAL	**1,435,192**	**1,761,088**	**2,568,124**	**3,229,544**	**4,101,621**	**5,433,313**	**5,332,050**	**4,049,559**	**2,078,098**	**1,678,412**	**1,363,356**	**1,219,388**	**34,249,745**
AcFt AVERAGE	**30,536**	**37,470**	**54,641**	**68,714**	**87,269**	**115,602**	**113,448**	**86,161**	**44,215**	**35,711**	**29,008**	**25,944**	**728,719**
S.F.D. AVERAGE	**497**	**669**	**889**	**1,155**	**1,419**	**1,943**	**1,845**	**1,401**	**743**	**581**	**487**	**422**	**1,006**
% OF TOTAL	**4.19%**	**5.14%**	**7.50%**	**9.43%**	**11.98%**	**15.86%**	**15.57%**	**11.82%**	**6.07%**	**4.90%**	**3.98%**	**3.56%**	**100.00%**

Kern River Mean Regulated Flow at First Point of Measurement

DISCHARGE IN CUBIC FEET PER SECOND (1893 to Date) **Year: 2000**

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	470	550	829	985	1,316	1,588	1,962	1,599	945	675	485	448
2	479	566	820	1,007	1,335	1,637	1,914	1,577	924	686	478	416
3	464	589	825	1,012	1,331	1,688	1,917	1,586	903	673	478	402
4	459	590	839	1,010	1,362	1,742	1,881	1,582	888	660	483	407
5	458	587	837	1,016	1,362	1,779	1,905	1,598	859	655	488	419
6	459	598	832	1,013	1,362	1,803	1,925	1,608	831	679	493	500
7	462	598	840	1,035	1,357	1,844	1,935	1,584	811	648	487	425
8	459	604	838	1,073	1,386	1,871	1,953	1,564	796	635	487	412
9	450	704	834	1,110	1,395	1,894	1,957	1,581	777	634	489	409
10	442	680	860	1,131	1,392	1,910	1,943	1,587	763	622	494	406
11	438	641	891	1,144	1,376	1,926	1,921	1,575	754	603	506	403
12	442	636	863	1,152	1,391	1,948	1,915	1,541	739	572	502	409
13	453	649	872	1,155	1,391	1,966	1,903	1,517	730	570	504	404
14	460	670	862	1,163	1,384	1,992	1,911	1,488	726	566	490	399
15	463	668	881	1,179	1,368	1,997	1,911	1,471	718	556	488	406
16	488	659	886	1,185	1,373	2,019	1,900	1,467	715	546	492	397
17	490	657	894	1,192	1,372	2,072	1,870	1,442	709	533	497	405
18	501	666	884	1,192	1,390	2,087	1,831	1,450	693	541	489	424
19	509	678	884	1,204	1,410	2,086	1,816	1,416	679	545	491	422
20	505	722	902	1,197	1,448	2,057	1,781	1,376	672	551	494	418
21	503	720	919	1,197	1,469	2,069	1,815	1,338	670	553	495	417
22	504	735	924	1,204	1,479	2,084	1,799	1,281	671	546	488	419
23	512	770	933	1,220	1,486	2,069	1,791	1,259	674	543	477	417
24	551	765	940	1,241	1,486	2,088	1,771	1,239	672	541	461	424
25	576	747	941	1,249	1,485	2,078	1,750	1,206	668	545	476	423
26	600	750	946	1,257	1,474	2,057	1,744	1,165	664	539	482	423
27	583	760	954	1,272	1,479	1,993	1,733	1,139	661	530	482	439
28	558	776	956	1,268	1,485	1,970	1,712	1,111	658	522	487	445
29	544	623	937	1,278	1,508	1,993	1,699	1,073	671	523	480	441
30	552	-	956	1,302	1,549	1,976	1,685	1,031	650	516	482	445
31	561	-	969	-	1,597	-	1,647	989	-	496	-	456
TOTAL	15,395	18,891	27,548	34,643	43,998	58,283	57,197	43,440	22,291	18,004	14,625	13,080
MAXIMUM INSTANT.	3,331	8,280	5,691	7,394	6,675	7,576	7,327	4,694	3,126	7,000	2,275	9,289
MINIMUM INSTANT.	111	67	143	86	223	215	349	84	64	40	66	22
MEAN	497	669	889	1,155	1,419	1,943	1,845	1,401	743	581	488	422
TOTAL AC. FT.	30,536	37,470	54,641	68,713	87,269	115,603	113,449	86,162	44,214	35,710	29,008	25,944

WHOLE YEAR:- TOTAL, 367,395 MAX., 9,289 MIN., 22 MEAN, 1,006 TOTAL AC.FT., 728,719

ACCRETIONS TO KERN RIVER BELOW ISABELLA DAM

APRIL 1954 TO DATE

Quantities in acre-feet except where noted...

Year: 2000

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
1954				4,038	2,977	1,479	3,897	2,559	514	626	966	1,870	
1955	2,358	1,921	1,821	2,386	1,390	3,298	1,929	402	(314)	551	1,065	2,524	19,331
1956	5,828	1,732	2,448	2,860	2,366	1,406	2,347	3,061	1,119	5,799	1,356	1,452	31,774
1957	2,114	886	1,097	169	1,251	397	918	1,114	(369)	48	743	1,057	9,425
1958	1,494	2,918	6,644	14,550	4,681	(801)	(4,348)	5,125	1,735	222	1,168	1,289	34,677
1959	1,299	1,068	1,544	1,073	540	(936)	3,318	119	(383)	(880)	438	797	7,997
1960	1,071	2,739	1,633	1,581	92	1,601	1,311	1,559	149	502	1,060	1,099	14,397
1961	815	757	914	971	787	126	264	814	734	257	673	1,196	8,308
1962	1,085	6,284	5,125	7,050	4,778	2,709	2,271	1,753	633	1,041	835	816	34,380
1963	1,005	2,190	1,900	1,827	3,826	1,339	2,855	4,520	2,424	2,710	2,045	1,936	28,577
1964	1,692	472	2,378	3,237	1,275	2,408	1,793	577	346	432	926	2,729	18,265
1965	3,172	1,460	2,608	4,776	811	(367)	151	(2,100)	(46)	1,941	1,036	2,285	15,727
1966	2,286	997	1,303	2,095	803	(63)	1,229	1,932	(58)	1,214	1,740	**14,810**	28,288
1967	3,856	3,320	3,094	3,945	1,998	7,531	5,736	10,549	1,517	1,296	2,619	2,688	48,149
1968	1,870	1,300	1,400	1,224	1,383	1,757	2,220	1,993	418	936	1,687	2,428	18,616
1969	**19,079**	17,945	23,687	**40,391**	20,384	11,064	**18,659**	**17,163**	5,750	2,480	2,457	3,381	182,440
1970	4,742	2,450	3,028	1,168	186	2,916	869	1,434	739	655	2,794	1,814	22,795
1971	2,309	1,547	1,202	1,459	2,154	1,500	808	707	211	156	785	1,833	14,671
1972	1,634	1,204	975	1,003	501	844	180	42	16	777	222	1,075	8,473
1973	3,146	4,182	7,686	7,394	6,123	3,811	1,882	3,879	4,168	1,982	1,890	2,699	48,842
1974	4,393	2,003	5,145	6054	1,704	1,011	817	2,357	3,055	2,717	2,303	2,894	34,453
1975	704	1,299	2,925	2641	4,023	2,265	1,565	55	699	497	189	746	17,608
1976	1,646	1,503	1,373	1,562	386	1,675	833	821	1,914	1,679	1,172	1,120	15,684
1977	1,174	1,652	1,844	954	1,124	1,087	622	1,001	683	184	260	2,130	12,715
1978	4,577	26,353	12,041	11,512	11,745	4,945	7,597	736	2,682	1,438	2,039	1,656	87,321
1979	1,724	3,158	5,330	2,675	1,718	494	(415)	234	516	1,428	476	1,544	18,882
1980	6,814	9,429	8,860	7,525	3,543	7,595	9,802	8,239	(86)	2	(58)	1,426	63,091
1981	2,861	1,313	2,041	1,858	1,129	140	148	1,786	958	764	459	1,798	15,255
1982	3,805	3,501	7,352	10,277	1,973	3,885	5,471	3,876	1,128	1,256	1,897	4,141	48,562
1983	6,887	17,322	**37,912**	24,107	12,710	4,711	3,097	2,414	**7,454**	**6,473**	**5,718**	9,390	138,195
1984	7,549	5,329	5,418	3,381	2,701	2,213	4,495	3,970	1,434	328	1,460	3,897	42,175
1985	3,759	3,640	3,865	2,714	(625)	(593)	2,697	517	279	1,497	2,264	3,501	23,515
1986	3,734	6,350	8,619	9,540	9,416	13,375	13,999	11,019	2,280	2,850	2,957	2,192	86,331
1987	3,123	2,239	3,822	738	2,535	1,611	1,486	1,149	696	901	418	669	19,387
1988	713	764	1,228	(51)	(15)	495	(485)	100	534	415	1,042	870	5,610
1989	551	962	3,415	1,188	2,049	1,464	(716)	671	(3)	376	150	973	11,080
1990	1,471	1,278	1,669	42	298	59	(1,580)	228	170	571	763	1,300	6,269
1991	1,351	683	3,099	2,983	849	(236)	376	662	(66)	(26)	1,205	1,429	12,309
1992	1,384	2,297	1,800	1,196	(294)	(288)	16	267	352	(222)	(433)	1,183	7,258
1993	3,131	3,757	4,177	2,110	(1,854)	(1,528)	(638)	(1,789)	366	903	308	1,019	9,962
1994	604	1,351	446	226	(1,152)	(367)	258	746	(89)	208	537	1,435	4,203
1995	4,978	2,805	10,025	5,664	10,025	11,210	10,055	11,347	1,380	2,463	1,784	3,132	74,868
1996	3,627	10,773	8,346	4,362	7,908	3,906	2,628	2,405	531	716	1,360	5,573	52,135
1997	14,168	9,981	7,447	911	2,616	4,619	809	(1,658)	2,448	(1,509)	(1,397)	4,441	42,876
1998	5,482	**34,907**	24,539	25,855	**30,900**	**25,533**	16,059	12,476	4,730	(121)	155	3,425	**183,940**
1999	3,772	4,820	3,236	3,148	1,092	1,033	1,516	2,094	624	1,088	122	690	23,235
2000	1,637	3,112	3,640	517	(688)	(562)	543	1,896	(3)	795	803	801	12,491
Total	156,474	217,953	250,101	236,886	164,122	131,771	129,344	124,821	53,969	50,416	54,458	113,153	1,683,468
Maximum	19,079	34,907	37,912	40,391	30,900	25,533	18,659	17,163	7,454	6,473	5,718	14,810	183,940
Minimum	551	472	446	(51)	(1,854)	(1,528)	(4,348)	(2,100)	(383)	(1,509)	(1,397)	669	
Mean	3,402	4,738	5,437	5,040	3,492	2,804	2,752	2,656	1,148	1,073	1,159	2,408	36,107
Mean CFS	*55*	*85*	*88*	*85*	*57*	*47*	*45*	*43*	*19*	*17*	*19*	*39*	*50*

MIDNIGHT STORAGE IN ACRE-FEET

Isabella Reservoir Daily Mean Storage (1954-2000)

Year: 2000

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	154,191	166,485	177,419	190,676	219,203	287,309	305,529	261,549	205,966	179,464	159,546	149,957
2	154,438	166,895	177,827	191,455	220,815	289,468	304,959	259,804	204,797	178,634	159,115	149,843
3	155,149	167,014	178,168	192,148	222,433	291,485	304,316	257,958	203,640	177,628	158,690	149,895
4	155,476	167,094	178,635	192,788	224,149	293,317	303,677	256,080	202,527	177,046	158,253	149,855
5	155,737	167,199	179,232	193,394	225,823	295,099	302,876	254,115	201,562	176,253	157,785	150,352
6	155,891	167,340	179,595	194,027	227,608	296,765	301,978	252,089	200,662	175,426	157,345	153,448
7	156,032	167,534	179,862	194,620	229,354	298,408	300,965	250,099	199,716	174,659	156,896	154,073
8	156,173	167,852	180,195	195,147	231,101	299,881	299,812	248,174	198,759	173,885	156,469	154,238
9	156,276	168,350	180,491	195,738	232,965	301,213	298,592	246,127	197,800	173,117	156,027	154,324
10	156,399	168,820	180,880	196,324	234,973	302,459	297,322	244,075	196,833	172,359	155,605	154,439
11	156,586	169,063	181,369	197,268	236,949	303,537	295,988	242,077	195,893	171,639	155,206	154,654
12	157,069	169,265	181,739	198,248	238,895	304,515	294,571	240,101	195,014	170,997	154,783	154,752
13	157,693	169,785	182,026	199,163	240,938	305,281	293,155	238,099	194,102	170,324	154,390	154,804
14	158,317	170,293	182,364	200,040	242,980	305,999	291,727	236,136	193,174	169,667	154,008	154,814
15	158,673	170,761	182,605	200,915	245,111	306,583	290,198	234,179	192,251	169,029	153,645	154,805
16	159,187	171,203	182,855	201,763	247,293	307,076	288,678	232,262	191,326	168,428	153,253	154,792
17	159,612	171,626	183,179	202,666	249,503	307,414	287,131	230,328	190,425	167,875	152,917	154,758
18	159,835	172,537	183,467	203,585	251,811	307,612	285,626	228,379	189,551	167,289	152,659	154,706
19	160,187	173,327	183,781	204,518	254,299	307,843	284,062	226,519	188,691	166,694	152,357	154,552
20	160,496	174,153	184,068	205,533	256,803	308,089	282,446	224,703	187,836	166,114	152,030	154,542
21	160,832	174,680	184,454	206,612	259,294	308,228	280,746	222,894	187,015	165,477	151,759	154,469
22	161,140	175,134	184,897	207,749	261,864	308,275	279,088	221,182	186,176	164,871	151,585	154,540
23	161,428	175,591	185,343	208,846	264,453	308,273	277,397	219,468	185,329	164,276	151,365	155,190
24	161,881	175,920	185,817	209,895	267,031	308,099	275,708	217,789	184,507	163,694	151,201	155,562
25	163,222	176,305	186,302	210,976	269,524	307,868	273,978	216,129	183,753	163,080	151,083	155,882
26	164,089	176,793	186,801	212,071	272,082	307,609	272,192	214,518	183,186	162,510	150,872	156,146
27	164,609	176,864	187,365	213,277	274,657	307,384	270,436	212,939	182,509	161,996	150,596	156,518
28	164,935	177,089	188,011	214,608	277,235	307,089	268,666	211,425	181,746	161,479	150,352	156,759
29	165,146	-	188,599	216,032	279,863	306,643	266,855	209,956	180,987	161,181	150,146	156,861
30	165,305	-	189,184	217,586	282,373	306,118	265,065	208,558	180,235	160,495	150,088	156,924
31	165,756	-	189,909	-	284,889	-	263,272	207,214	-	160,060	-	156,947
MAXIMUM DAY	165,756	177,089	189,909	217,586	284,889	308,275	305,529	261,549	205,966	179,464	159,546	156,947
MINIMUM DAY	154,191	166,485	177,419	190,676	219,203	287,309	263,272	207,214	180,235	160,060	150,088	149,843

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	67.9	83.4	29.1	18.9	10.3	355.8
1956	9.5	11.5	90.4	77.1	48.2	59.9	94.5	156.3	167.4	97.2	38.1	20.3	870.4
1957	17.6	15.7	15.1	16.4	25.3	30.3	38.5	78.1	131.8	41.0	16.4	12.5	438.7
1958	13.6	13.3	17.6	20.6	36.5	61.5	153.6	312.3	231.7	120.1	51.1	25.8	1057.7
1959	20.6	18.7	17.8	19.3	21.2	31.7	39.5	39.4	33.0	15.8	9.9	9.6	276.5
1960	9.6	9.7	10.3	12.2	27.9	30.2	44.5	58.0	45.5	15.1	7.9	8.4	279.3
1961	9.5	13.0	11.7	10.6	10.0	13.1	23.0	29.1	23.8	8.5	15.1	7.6	175.0
1962	7.1	8.8	11.0	12.4	47.1	32.4	140.5	130.8	154.7	72.1	23.7	13.1	653.7
1963	12.9	11.6	11.1	26.5	99.6	41.0	67.6	134.0	162.3	102.6	42.2	26.5	737.9
1964	24.5	23.8	21.5	18.2	16.6	22.7	39.6	60.0	52.3	22.0	13.3	8.6	323.1
1965	8.7	13.9	44.2	43.5	30.2	33.2	74.5	131.0	149.9	94.9	50.7	22.0	696.7
1966	15.6	28.4	28.3	27.0	21.4	37.8	66.7	81.5	45.4	21.9	16.1	9.6	399.7
1967	9.5	13.7	299.0	59.6	62.5	83.2	95.5	268.1	302.9	238.1	90.5	53.5	1576.1
1968	34.9	31.9	33.0	32.2	38.9	47.1	64.4	86.7	62.1	28.4	18.4	11.3	489.3
1969	12.6	15.3	17.1	159.4	93.4	133.9	337.4	597.5	485.6	236.0	93.8	44.3	2226.3
1970	33.3	32.4	30.9	61.8	39.0	56.9	62.1	109.8	92.7	49.2	22.7	13.4	604.2
1971	12.7	18.8	26.8	31.5	29.4	40.6	51.1	64.4	81.1	41.6	18.9	11.1	428.0
1972	11.4	13.4	17.2	18.2	17.6	32.3	27.3	45.4	37.7	14.6	10.7	11.2	257.0
1973	10.6	14.5	19.3	30.5	32.2	45.0	103.9	282.5	226.5	91.8	36.9	18.8	912.5
1974	16.8	20.4	25.1	45.6	28.1	68.8	108.1	182.2	166.7	68.6	37.6	20.4	788.4
1975	19.1	17.6	20.6	21.1	25.3	39.9	43.9	142.8	138.8	50.3	22.4	16.2	558.0
1976	15.1	14.7	15.6	14.6	15.3	21.8	24.2	47.0	18.9	13.9	13.7	23.1	237.9
1977	18.7	11.7	10.0	12.2	12.0	12.6	22.4	24.3	34.5	10.3	9.8	7.0	185.5
1978	7.9	8.1	21.8	42.0	90.0	163.4	170.2	352.2	351.9	188.1	73.1	58.9	1527.6
1979	28.1	24.3	27.2	32.2	38.7	66.9	99.4	164.0	105.5	47.0	26.9	19.1	679.3
1980	18.2	18.2	17.7	138.7	159.4	130.7	204.1	284.4	274.9	198.9	69.9	35.1	1550.2
1981	27.1	24.9	28.0	25.9	33.4	43.6	67.5	90.8	65.7	25.5	15.6	12.2	460.2
1982	14.0	18.5	21.4	33.9	49.5	71.4	202.9	253.0	194.9	124.6	58.1	60.6	1102.8
1983	45.1	55.2	73.7	81.0	121.2	227.6	182.2	465.9	567.1	285.8	152.5	61.0	2318.3
1984	46.9	65.9	93.6	69.1	55.0	77.3	88.0	159.4	90.7	72.4	45.6	26.9	890.8
1985	26.2	33.6	35.6	36.7	37.0	49.5	133.6	147.4	100.4	38.7	23.4	16.7	678.8
1986	15.1	20.0	30.4	38.9	143.6	196.2	198.6	283.9	250.4	107.4	46.1	24.3	1354.9
1987	25.5	22.4	21.3	22.5	27.3	37.7	54.5	72.6	54.5	23.4	13.6	10.0	385.3
1988	10.6	14.3	15.5	22.0	19.1	29.0	39.6	58.4	42.6	21.5	13.4	10.2	296.2
1989	8.9	9.9	14.6	15.4	22.6	64.0	90.2	69.8	48.4	22.1	12.3	10.2	388.4
1990	10.4	10.5	10.0	11.4	11.8	21.4	32.0	38.5	29.1	14.9	8.2	6.3	204.5
1991	8.3	7.6	7.8	9.6	8.5	44.2	55.2	78.9	100.7	37.9	14.1	11.1	383.9
1992	9.4	12.7	11.6	12.7	20.0	24.6	54.2	74.7	33.3	16.3	11.7	7.5	288.7
1993	9.6	11.5	13.4	36.1	35.8	90.1	131.9	202.9	163.9	88.0	34.6	16.1	833.9
1994	13.4	14.1	17.1	18.3	22.6	38.1	46.3	68.4	56.6	20.8	11.2	9.1	336.0
1995	14.6	12.2	14.1	41.9	45.9	146.4	137.6	245.0	281.9	227.7	78.3	37.7	1283.3
1996	21.7	20.4	25.7	36.7	87.8	99.7	143.7	218.1	150.6	67.9	29.9	16.0	918.2
1997	15.1	39.5	80.9	231.9	94.8	113.0	142.0	211.7	137.7	71.1	39.7	23.6	1201.0
1998	22.5	25.1	26.1	40.4	101.4	126.8	163.9	277.5	346.3	251.4	82.0	46.2	1509.6
1999	35.2	33.1	29.8	33.9	33.6	35.3	52.7	94.1	67.7	31.3	15.0	12.0	473.7
2000	10.6	12.2	12.4	17.5	32.0	46.5	66.9	130.1	81.9	27.8	14.7	10.9	463.5
MEAN	17.4	19.6	31.7	39.9	45.5	64.1	93.8	155.9	141.9	75.9	34.1	20.6	740.4

PRECIPITATION DATA -- ISABELLA DAM & RESERVOIR

OCTOBER 1949 TO DATE

(In Inches)

WATER YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	TOTAL
1949-50	0.05	0.65	1.32	1.37	2.60	1.02	0.44	0.00	0.00	0.23	0.11	0.21	8.00
1950-51	0.08	3.16	0.98	1.12	0.18	0.11	0.93	0.03	0.00	0.00	0.00	0.00	6.59
1951-52	0.35	0.47	4.77	5.52	0.37	3.26	0.12	0.00	0.00	0.00	0.00	0.11	14.97
1952-53	0.00	1.98	3.09	2.39	0.04	0.67	1.20	0.20	0.00	0.00	0.09	0.00	9.66
1953-54	0.13	0.90	0.78	1.88	2.26	2.13	0.06	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	0.00	0.08	0.00	0.00	0.00	0.00	12.18
1962-63	0.03	0.00	0.00	1.52	3.06	2.06	1.07	0.13	0.72	0.00	1.16	1.16	10.91
1963-64	2.02	1.20	0.46	0.97	0.07	1.93	0.84	0.10	0.03	0.00	0.01	0.00	7.63
1964-65	0.47	1.82	3.99	1.75	0.27	1.21	2.58	0.18	0.13	0.39	0.50	0.20	13.49
1965-66	0.00	2.76	2.37	0.66	0.75	0.22	0.00	0.00	0.00	0.00	0.80	0.00	7.56
1966-67	0.00	1.09	**11.53**	2.49	0.02	0.63	2.75	0.18	0.24	0.30	0.23	1.63	21.09
1967-68	0.00	1.41	1.85	0.82	0.85	1.55	0.77	0.01	0.00	0.01	0.11	0.00	7.38
1968-69	0.35	1.28	1.65	**9.56**	6.12	1.14	0.95	0.35	0.34	0.27	0.00	0.10	22.11
1969-70	0.07	0.56	0.24	3.91	0.54	1.89	0.43	0.00	0.00	0.02	0.01	0.00	7.67
1970-71	0.04	3.47	2.20	0.54	0.37	0.45	0.66	0.89	0.00	0.06	0.54	0.00	9.22
1971-72	0.05	0.47	3.04	0.00	0.39	0.00	0.37	0.05	**0.80**	0.00	0.34	0.03	5.54
1972-73	0.66	3.13	2.48	3.96	2.57	2.65	0.25	0.25	0.00	0.00	0.00	0.00	15.95
1973-74	0.11	1.26	1.25	2.75	0.09	2.00	1.95	0.39	0.00	0.78	0.00	0.00	10.58
1974-75	**2.30**	0.10	2.41	0.65	1.82	2.77	0.49	0.04	0.00	0.00	0.03	1.85	12.46
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**	10.10
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	6.38
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	22.37
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	11.44
1979-80	0.95	0.33	0.34	7.71	4.32	1.85	0.51	0.55	0.00	0.00	0.00	0.00	16.56
1980-81	0.09	0.01	0.63	2.65	1.49	3.05	0.23	0.34	0.00	0.00	0.00	0.04	8.53
1981-82	1.05	1.17	1.16	4.04	1.15	4.27	1.59	0.01	0.04	0.00	0.13	0.71	15.32
1982-83	0.78	3.14	3.78	4.31	4.36	5.96	0.58	0.09	0.00	0.00	1.14	0.20	**24.34**
1983-84	0.63	**3.49**	3.56	0.00	1.13	0.27	0.51	0.00	0.02	**2.01**	0.63	0.00	12.25
1984-85	0.62	2.90	1.93	0.68	1.16	1.71	0.03	0.00	0.00	0.00	0.00	0.15	9.18
1985-86	0.10	2.27	1.43	2.94	3.58	3.58	0.10	0.00	0.00	0.38	0.00	0.27	14.65
1986-87	0.24	0.54	0.27	2.65	2.03	1.88	0.10	0.42	0.48	0.00	0.00	0.04	8.65
1987-88	0.62	0.87	1.36	1.80	0.40	0.24	1.41	0.50	0.05	0.51	0.00	0.00	7.76
1988-89	0.00	1.75	3.15	0.29	2.24	2.28	0.09	0.04	0.00	0.00	0.00	0.62	10.46
1989-90	0.11	0.30	0.00	1.33	1.00	0.67	0.44	0.26	0.02	0.00	0.00	0.35	4.48
1990-91	0.01	0.61	0.74	0.99	1.17	**6.43**	0.03	0.09	0.00	0.00	0.01	0.19	10.27
1991-92	0.53	1.30	1.45	1.02	3.10	1.82	0.00	0.12	0.00	0.00	0.00	0.00	9.34
1992-93	0.94	0.00	2.80	4.09	4.15	0.79	0.00	0.00	0.64	0.00	0.00	0.00	13.41
1993-94	0.12	1.52	1.60	0.66	3.10	0.76	0.87	0.19	0.00	0.00	0.00	0.25	9.07
1994-95	0.31	1.45	0.71	7.26	1.35	3.83	0.38	0.55	0.40	0.00	0.51	0.00	16.75
1995-96	0.00	0.00	1.79	4.36	5.03	1.47	0.53	0.00	0.00	0.00	0.00	0.00	13.18
1996-97	0.66	2.38	4.29	3.90	0.13	0.00	0.00	0.00	0.00	0.08	0.00	1.02	12.46
1997-98	0.40	1.76	1.74	2.72	**10.60**	2.87	0.52	**1.74**	0.09	0.00	0.00	0.09	22.53
1998-99	0.12	1.03	0.60	3.82	0.51	0.57	1.65	0.98	0.00	0.04	0.00	0.39	9.71
1999-00	0.00	0.18	0.00	1.55	3.98	0.79	0.56	0.10	0.00	0.00	0.07	0.00	7.23
AVERAGE	0.32	1.17	1.83	2.49	2.17	1.71	0.70	0.26	0.09	0.11	0.17	0.35	11.37
MAXIMUM	2.30	3.49	11.53	9.56	10.60	6.43	2.77	1.74	0.80	2.01	1.20	5.20	24.34
DAILY MAXIMUM	0.96	2.85	5.20	2.40	3.40	1.72	1.45	0.75	0.50	0.88	1.01	3.09	
DATE OF OCCURRENCE	10/17/63	11/20/50	12/05/66	01/16/96	02/01/60	03/04/91	04/02/74	05/26/99	06/08/72	07/16/84	08/08/63	09/30/76	

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

Year	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Annual
1956	46.6	43.7	52.5	55.6	65.0	74.0	79.8	76.2	74.7	59.1	53.7	46.8	60.6
1957	40.6	52.5	52.0	58.1	62.8	77.3	81.9	78.4	73.5	59.3	49.8	46.9	61.1
1958	46.3	49.3	47.6	56.1	68.7	72.2	79.7	82.8	74.9	67.3	52.1	50.8	62.3
1959	47.6	46.1	56.5	64.1	62.8	77.2	86.4	79.9	70.7	65.4	55.6	47.3	63.3
1960	41.7	45.8	55.6	57.2	63.6	79.8	83.0	80.0	76.0	61.6	50.9	45.3	61.7
1961	48.0	50.0	50.7	59.5	62.0	79.4	84.5	81.3	71.2	62.3	49.6	44.7	61.9
1962	44.7	46.4	48.0	61.3	60.9	73.4	79.6	79.0	74.4	63.2	53.0	47.8	61.0
1963	44.0	52.7	48.6	50.2	63.5	68.2	76.7	76.1	74.3	62.7	51.0	46.1	59.5
1964	43.3	44.8	47.2	53.6	60.6	70.5	79.4	78.8	70.1	66.8	48.6	47.2	59.2
1965	46.1	47.9	49.6	54.1	60.7	67.1	77.3	76.8	66.5	64.4	51.8	43.6	58.8
1966	41.9	43.8	52.4	60.7	68.0	73.3	77.8	79.5	72.4	62.2	51.2	44.4	60.6
1967	44.4	47.9	50.9	45.4	62.6	69.2	80.9	82.1	72.3	63.9	56.4	39.7	59.6
1968	42.8	52.2	53.0	55.7	63.6	74.4	80.6	74.8	71.9	61.0	50.8	40.7	60.1
1969	44.0	42.4	48.1	54.3	65.9	69.6	78.9	79.4	73.1	57.6	53.3	45.0	59.3
1970	45.6	50.4	49.9	51.0	65.8	72.7	81.6	80.1	69.6	60.1	52.4	41.3	60.0
1971	43.4	44.8	50.6	52.5	58.3	70.7	79.7	79.7	70.9	56.4	48.6	38.8	57.9
1972	42.0	49.1	56.1	56.1	65.6	73.5	80.5	76.1	68.2	56.8	45.7	39.6	59.1
1973	40.3	45.7	42.8	53.0	64.9	73.1	76.9	74.8	68.5	59.1	46.9	44.9	57.6
1974	41.3	44.6	49.4	51.2	62.2	72.5	76.6	76.2	74.2	61.4	50.0	41.0	58.4
1975	43.1	43.6	45.7	45.7	60.7	71.2	75.9	73.6	72.4	57.6	48.7	45.1	56.9
1976	44.2	45.7	47.4	50.6	65.7	71.2	77.5	70.5	68.3	60.3	53.6	44.5	58.3
1977	42.8	48.4	43.8	57.5	55.4	74.0	77.6	77.2	70.0	62.3	51.1	47.3	59.0
1978	44.3	46.1	53.1	50.9	60.4	71.7	76.7	76.8	67.6	65.3	47.2	39.7	58.3
1979	40.7	41.7	48.5	60.6	63.2	71.4	75.9	72.6	74.0	61.8	50.0	48.4	59.1
1980	47.5	49.1	46.5	54.8	57.7	66.8	77.8	75.3	69.2	63.2	52.4	49.0	59.1
1981	48.3	49.5	47.7	57.0	63.6	76.0	79.1	79.7	73.2	56.9	52.9	47.1	60.9
1982	41.8	47.8	47.4	52.5	63.6	68.6	75.6	77.1	68.5	59.2	48.6	43.2	57.8
1983	45.2	47.2	48.5	49.9	61.4	69.2	73.0	75.7	74.0	61.3	50.2	46.1	58.5
1984	47.0	46.6	51.4	52.6	67.3	70.6	80.9	78.2	74.6	55.7	48.3	41.9	59.6
1985	43.2	45.7	46.5	59.3	62.9	75.1	79.9	75.3	65.1	59.0	47.0	44.5	58.6
1986	49.7	49.0	53.5	54.9	63.5	73.7	75.7	78.6	64.1	58.2	51.0	43.0	59.6
1987	38.9	45.9	47.5	59.0	63.2	73.8	72.6	76.5	69.6	64.4	48.6	38.8	58.2
1988	42.3	48.5	50.8	55.1	59.6	70.3	80.2	77.9	72.5	66.1	50.3	43.1	59.7
1989	41.8	43.4	52.7	61.7	63.0	72.1	78.4	74.3	68.4	58.6	51.8	44.2	59.2
1990	42.5	42.6	50.7	57.9	61.7	71.9	80.1	74.9	69.6	62.7	49.4	37.4	58.5
1991	42.7	50.8	43.6	51.2	56.7	71.0	82.1	77.8	77.2	67.6	53.4	45.2	59.9
1992	43.4	49.2	52.4	62.5	71.7	73.3	79.1	81.3	74.5	64.8	51.3	42.0	62.1
1993	42.5	45.5	54.9	56.8	65.3	70.5	76.7	77.0	72.5	62.7	50.9	43.2	59.9
1994	46.5	45.6	54.7	58.1	66.8	79.6	86.8	85.5	76.7	64.8	48.0	46.1	63.3
1995	45.2	56.1	53.8	56.2	61.4	71.4	81.0	81.7	76.9	68.5	60.8	48.5	63.5
1996	47.1	48.8	52.7	58.8	64.7	74.1	82.3	82.0	73.4	61.2	52.7	48.1	62.2
1997	46.4	48.1	57.1	58.3	71.2	72.4	78.8	80.0	74.6	61.4	52.6	44.2	62.1
1998	46.7	44.3	52.7	53.2	56.1	67.8	80.5	82.5	71.2	59.3	50.8	43.9	59.1
1999	47.9	48.1	49.1	52.2	63.8	72.3	78.9	77.5	75.9	68.0	56.4	47.8	61.5
2000	47.4	49.0	51.9	58.2	67.4	77.1	79.0	80.4	73.3	61.7	48.6	49.5	62.0
Normal	44.3	47.3	50.4	55.4	63.2	72.6	79.2	78.0	71.9	61.8	51.1	44.5	60.0
Maximum	49.7	56.1	57.1	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	2.39	3.11	3.94	7.98	11.56	17.16	17.92	15.69	11.34	104.92
1981-82	5.55	3.66	2.36	2.08	3.06	3.66	6.84	11.19	12.15	15.28	13.36	8.28	87.47
1982-83	5.77	2.70	1.80	2.11	2.10	3.78	5.67	10.91	13.32	14.32	10.11	9.81	82.40
1983-84	5.30	2.43	1.86	2.82	3.22	5.83	7.71	13.61	14.22	13.14	12.06	10.20	92.40
1984-85	5.95	2.73	1.92	2.26	3.00	4.56	8.76	12.43	15.18	16.03	14.76	8.79	96.37
1985-86	6.42	3.09	1.74	2.51	2.60	4.56	8.31	12.28	14.82	15.56	15.25	9.60	96.74
1986-87	5.98	3.81	2.11	1.83	3.30	4.46	8.52	10.45	14.19	15.59	15.31	10.74	96.29
1987-88	6.85	3.18	1.77	2.29	3.67	6.94	7.56	10.45	12.38	15.25	12.74	9.84	92.92
1988-89	6.73	3.24	1.95	2.23	2.74	6.01	9.90	12.43	14.94	18.07	14.88	9.93	103.05
1989-90	6.54	4.38	2.98	2.60	2.97	5.80	8.73	12.25	15.36	17.48	14.85	10.95	104.89
1990-91	8.40	4.02	2.54	2.48	3.84	3.75	7.98	10.35	12.96	14.07	12.65	9.60	92.64
1991-92	7.44	5.61	4.71	4.25	4.37	5.86	9.45	11.56	12.36	14.14	14.20	10.53	104.48
1992-93	6.48	4.32	4.37	3.64	4.34	4.99	7.92	10.79	12.15	14.57	13.18	9.66	96.41
1993-94	6.12	3.83	1.98	2.33	2.51	5.44	7.35	9.99	14.93	15.80	14.96	9.75	94.99
1994-95	6.06	2.95	1.94	1.34	3.09	3.59	5.83	6.64	11.12	14.96	14.20	11.02	82.74
1995-96	7.75	4.31	2.43	2.65	1.96	5.20	9.14	12.78	14.88	15.78	14.03	10.50	101.41
1996-97	6.51	3.36	1.94	1.45	3.23	6.22	8.33	12.51	12.59	13.66	13.33	9.30	92.43
1997-98	6.64	2.61	2.07	1.51	0.91	3.91	5.44	6.21	10.42	13.95	13.83	8.59	76.09
1998-99	6.18	3.09	2.55	2.75	2.88	4.71	5.58	10.74	13.18	14.56	12.93	10.54	89.69
1999-00	7.87	4.21	3.37	2.14	1.83	4.71	8.03	11.79	14.13	15.27	14.59	10.46	98.40
MEAN	6.30	3.35	2.20	2.20	2.75	4.70	7.11	10.36	13.11	14.78	13.34	9.68	89.88

ISABELLA RESERVOIR EVAPORATION

April 1954 to Date

Quantities in acre-feet

Year: 2000

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
1954				181	1,662	2,554	2,599	1,563	833	436	192	109	10,129
1955	72	117	236	141	526	1,547	1,705	1,375	847	542	258	190	7,556
1956	407	788	1,444	1,797	3,330	5,496	6,084	5,484	4,183	2,056	1,650	897	33,616
1957	628	724	1,258	1,823	2,210	4,588	5,173	4,512	3,068	1,588	1,107	700	27,379
1958	593	494	734	2,043	4,470	6,462	7,720	6,843	4,729	3,521	1,603	1,307	40,519
1959	1,021	811	2,148	2,880	3,711	4,983	4,439	3,503	2,263	1,728	1,087	684	29,258
1960	323	466	1,099	1,505	2,287	3,372	2,720	2,128	1,379	783	341	280	16,683
1961	315	319	419	780	1,158	2,178	2,204	1,200	930	647	329	168	10,647
1962	188	182	446	1,105	2,307	4,128	4,840	4,084	2,880	1,684	916	770	23,530
1963	694	930	1,523	1,577	3,503	5,534	8,202	6,696	4,136	2,289	1,172	962	37,218
1964	916	1,105	1,418	2,162	3,221	4,584	4,842	3,915	2,836	2,057	849	635	28,540
1965	595	857	1,053	1,368	3,251	4,757	5,986	5,397	4,169	3,098	1,103	656	32,290
1966	843	833	1,555	2,624	4,159	5,117	5,246	4,576	2,821	1,819	767	928	31,288
1967	970	1,071	1,874	1,700	3,931	5,960	8,805	8,051	4,574	3,578	1,597	744	42,855
1968	801	930	1,380	2,511	4,243	5,574	5,258	4,048	3,239	1,954	991	476	31,405
1969	494	668	1,511	1,886	4,334	6,486	8,916	9,046	5,911	3,560	1,968	980	45,760
1970	885	1,289	1,935	2,593	4,954	6,051	6,959	6,376	4,597	3,010	1,623	619	40,891
1971	700	990	1,836	2,277	3,181	5,337	6,227	5,233	3,678	2,370	1,304	545	33,678
1972	729	1,000	1,807	2,045	3,096	3,512	4,154	2,703	1,816	1,059	524	355	22,800
1973	434	496	760	1,738	4,009	7,698	9,126	7,109	5,530	3,564	1,981	966	43,411
1974	825	1,347	1,622	3,023	6,119	9,055	9,630	8,904	7,073	3,308	1,864	1,166	53,936
1975	1,174	1,002	1,476	2,162	4,911	8,206	8,936	7,488	4,887	2,957	1,845	1,125	46,169
1976	1,468	1,291	1,952	2,537	4,552	5,226	4,560	3,261	2,108	1,609	984	702	30,250
1977	466	700	968	1,761	1,765	3,289	3,757	2,495	1,795	1,216	726	428	19,366
1978	343	621	1,597	2,698	5,891	9,253	10,969	9,945	6,020	5,115	2,049	996	55,497
1979	1,069	954	1,896	3,701	6,337	9,080	9,535	7,242	5,710	3,306	1,866	1,246	51,942
1980	1,047	1,375	2,229	3,715	4,943	8,289	10,374	10,171	6,637	4,544	2,446	1,565	57,335
1981	1,154	1,317	1,619	3,386	5,371	8,644	8,660	6,966	5,028	2,582	1,747	1,067	47,541
1982	827	1,093	1,333	3,172	6,563	8,180	10,967	9,418	5,732	4,086	1,769	1,053	54,193
1983	1,097	1,057	2,182	3,235	5,905	9,255	10,645	7,630	7,337	3,814	1,656	1,188	55,001
1984	1,624	1,547	2,545	3,594	7,055	8,327	7,914	7,142	6,085	3,642	1,642	1,103	52,220
1985	1,139	1,287	1,749	3,894	6,375	8,622	9,025	7,650	4,441	3,287	1,577	885	49,931
1986	1,119	1,150	2,323	4,740	7,436	10,088	10,933	10,276	6,361	3,866	2,329	1,206	61,827
1987	916	1,428	1,833	3,537	4,596	6,682	7,115	6,454	4,469	2,906	1,361	732	42,029
1988	823	1,178	1,962	2,132	3,148	4,141	4,667	3,318	2,493	1,777	865	500	27,004
1989	502	540	1,339	2,828	4,292	5,572	6,458	4,653	3,027	2,029	1,380	877	33,497
1990	667	649	1,148	1,755	2,705	3,713	3,993	2,872	2,035	1,609	797	480	22,423
1991	409	547	635	1,587	2,674	4,568	5,171	4,026	2,951	2,315	1,789	1,434	28,106
1992	1,137	1,016	1,295	2,218	3,459	4,132	4,542	4,024	2,910	1,862	1,285	1,238	29,118
1993	970	1,081	1,365	2,888	5,185	7,057	9,080	8,063	5,808	3,652	2,291	1,139	48,579
1994	1,170	1,063	2,212	2,945	4,253	6,827	6,833	5,585	3,431	2,221	1,099	704	38,343
1995	462	1,016	1,444	2,614	3,447	6,952	10,701	10,151	7,525	5,177	2,698	1,402	53,589
1996	1,341	914	2,646	5,072	7,928	9,967	10,681	9,076	6,587	4,019	2,053	1,139	61,423
1997	918	1,862	3,183	4,350	7,260	8,057	8,941	8,428	5,790	4,219	1,611	1,196	55,815
1998	768	415	1,817	2,807	3,586	6,714	10,102	10,163	6,050	4,296	1,981	1,472	50,171
1999	1,384	1,252	1,983	2,430	5,092	6,956	7,761	6,480	5,113	3,802	2,045	1,569	45,867
2000	849	649	1,686	2,971	5,060	6,944	7,315	6,327	4,320	2,499	1,363	1,252	41,235
Average	810	922	1,576	2,478	4,244	6,164	7,031	6,001	4,173	2,703	1,414	890	38,408

ISABELLA RESERVOIR

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

Units in Acre-Feet

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

DANGER SWIMMERS

Kern River Operations 2000

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

For your own safety, we recommend you--

Do Not Swim in this river!

CHARLES H. DODGE, SHERIFF
COUNTY OF KERN

GSFIELD PRINTING CO.

KERN RIVER IN REVIEW
2000

Introduction



Isabella Dam

The 2000 Water Year began with Kern River natural flow hovering at two-thirds of its average rate, a consequence of the dry conditions prevalent during 1999. Signs of another below normal year surfaced during the fall and early winter of 1999-2000 due to extreme lack of precipitation. Rainfall amounts in the southern Sierra Nevada's during October through December of 1999 were scarce, averaging but 5% of normal at Lake Isabella for the period. Not since 1962 had the rainy season began so lean. The prolonged dry weather pattern was finally broken beginning mid-January of 2000 as a series of Pacific storms began to track into northern California, bringing minor quantities of precipitation as far south as the Kern River drainage basin. After a rainless first week of February, the State DWR forecast of Kern River April-July runoff during 2000 dropped to 180,000 acre-feet, 41% of normal, its low point for the season. Eight consecutive days of measurable precipitation in the basin followed thereafter, beginning a spectacular yet arduous climb to more normal water supply conditions on the Kern. Heavy precipitation continued through the first ten days of March, resulting in a much improved snowmelt forecast as of mid-month of 380,000 acre-feet, or 86% of normal. This was to be the last hurrah of the season though, as the balance of March was rainless and precipitation amounts for April, May and June were meager. Even though prospects of a record dry year had surfaced early in the snowpack season, the ***2000 Kern River April-July runoff*** ended with a respectable yield of 306,496 acre-feet, ***65% of the long-term First Point average***. Isabella Reservoir storage, brought to 170,000 acre-feet at the end of 1999, topped out on June 8, 2000 at 293,234 acre-feet. By years end the lake (shown top right) had been drawn down to the 130,000 acre-feet storage level, its lowest point since January of 1995.

Precipitation

Monthly precipitation amounts in inches as recorded at selected Kern County stations during the 1999-2000 Water Year were as follows:

	Bakersfield-Meadows Field (Elev. 494 ft.)			Isabella Dam (Elev. 2660 ft.)			Glennville (Elev. 3140 ft.)		
	99-00	Ave.	% of Ave.	99-00	Ave.	% of Ave.	99-00	Ave.	% of Ave.
Oct	0.00	0.29	0%	0.00	0.32	0%	0.00	0.72	0%
Nov	0.36	0.70	51%	0.18	1.17	15%	1.12	2.12	53%
Dec	0.14	0.63	22%	0.00	1.83	0%	0.12	2.77	4%
Jan	0.94	0.86	109%	1.55	2.49	62%	3.20	3.78	85%
Feb	1.62	1.06	153%	3.98	2.17	183%	7.93	3.24	245%
Mar	1.30	1.04	125%	0.79	1.71	46%	2.63	3.32	79%
Apr	0.57	0.57	100%	0.56	0.70	80%	1.57	1.82	83%
May	0.08	0.20	40%	0.10	0.26	39%	0.53	0.76	70%
Jun	0.06	0.10	60%	0.00	0.09	0%	0.19	0.16	119%
Jul	0.00	0.01	0%	0.00	0.11	0%	0.00	0.04	0%
Aug	0.00	0.09	0%	0.07	0.17	41%	0.04	0.14	29%
Sep	0.00	0.17	0%	0.00	0.35	0%	0.00	0.44	0%
TOTAL	**5.07**	**5.72**	**87%**	**7.23**	**11.37**	**63%**	**17.33**	**19.32**	**90%**

The Kern River watershed experienced near-record winter dryness until the first major storm system of the season struck on January 17, 2000. Prior to this storm, the basin snowpack was so sparse that the average water content of the eight Kern River snow sensors was only ½ inch (less then 5% of average), with over half the snowpack accumulation season over. February basin precipitation levels of approximately 220% of normal enhanced the water supply picture significantly. The climax of February 2000 storm activity occurred on the 13th when 2.20 inches of rain fell at Glennville while 1.18 inches was measured at the U.S. Army Corps of Engineers Isabella Dam headquarters.

Temperature

Isabella, California 2000, mean air temperatures (°F) with comparative averages were as follows:

	2000 Actual	Normal	Variance from Norm		2000 Actual	Normal	Variance from Norm
Jan	47.4	44.3	+3.1	Jul	79.0	79.2	- 0.2
Feb	49.0	47.3	+1.7	Aug	80.4	78.0	+2.4
Mar	51.9	50.4	+1.5	Sep	73.3	71.9	+1.4
Apr	58.2	55.4	+2.8	Oct	61.7	61.8	- 0.1
May	67.4	63.2	+4.2	Nov	48.6	51.1	- 2.5
Jun	77.1	72.6	+4.5	Dec	49.5	44.5	+5.0

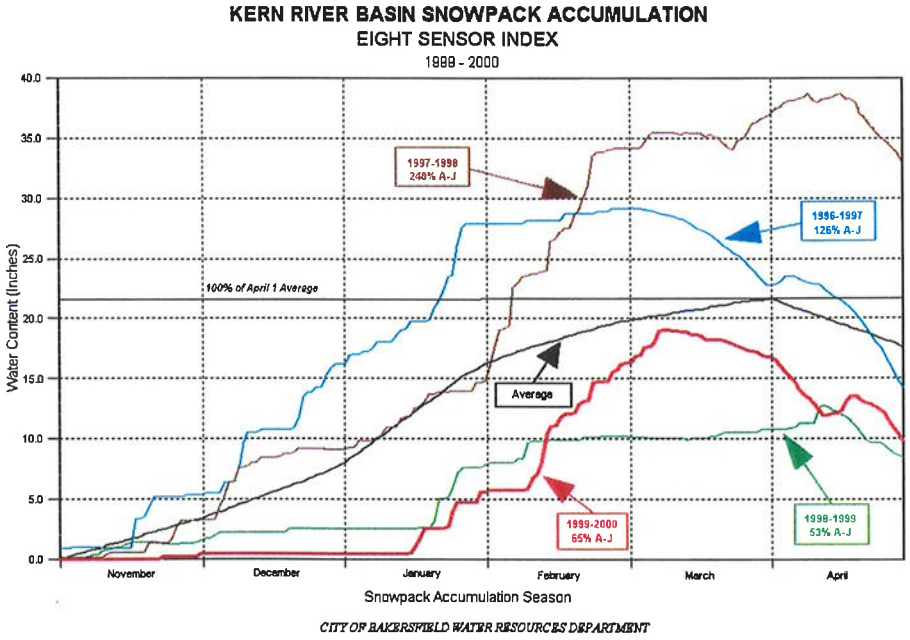
The mean annual temperature for 2000 was 62.0° Fahrenheit, 2.0° above the long-term average. Temperature extremes reached 105°F on June 14th and August 1st with the low of 28°F occurring on January 8th and November 12, 2000. The first half of the year was much warmer than average while the second half tapered off to near normal temperatures. An anomaly occurred late in the year as December 2000 mean air temperature exceeded the November reading, the only instance this has been reported over the past 45 years.

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, 2000, with April 1st historical average water contents of same shown for comparison:

	Upper Tyndall Creek	Crabtree Meadow	Chagoopa Plateau	Pascoe	Wet Meadow	Tunnel Guard	Casa Vieja Meadow	Beach Meadows
April 1, 2000	21.1	14.7	23.3	24.4	23.9	8.2	15.7	1.5
April 1, Average	27.7	19.8	21.8	24.9	30.3	15.6	20.9	11.0

As shown at right, Kern River Basin snowpack accumulation was virtually nonexistent until the middle of January 2000. Water content increases in the snow shed during the remainder of January were strikingly similar to that which occurred during 1999. Severe storm activity began the 9th of February and continued through early March, increasing the Kern River snow pack to near-normal levels. The favorable storm track abruptly ended on March 10th, replaced by above normal temperatures and gradual snowmelt. The last major storm system of the season occurred in mid-April.



Forecast

The State of California, Department of Water Resources, issued the following forecasts of Kern River runoff into Isabella Reservoir for the 2000 April-July snowmelt period:



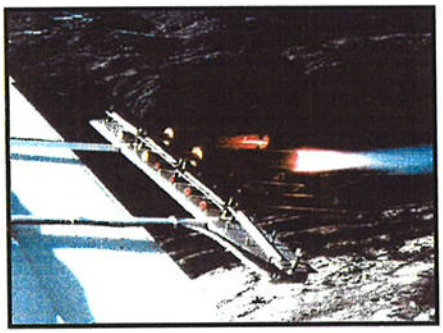
Kern River east of Manor Street

February 1, 2000:	43% of average (190,000 acre-feet)
March 1, 2000:	81% of average (360,000 acre-feet)
April 1, 2000:	75% of average (330,000 acre-feet)
May 1, 2000:	70% of average (310,000 acre-feet)

As reflected by the above forecast information and graphic plot of the eight sensor index (previous page), the majority of the 2000 Kern River Basin winter snowpack accrued during February and early March. The dramatic changes to the 2000 water supply picture placed great importance in the use of the Kern River snow sensors to provide accurate and timely snow water content data.

Runoff

Actual 2000 April-July Kern River inflow to Isabella Reservoir was 306,691 acre-feet (69% of average). Peak inflow to Isabella Reservoir occurred on May 4, 2000 with 2,991 cfs. Calendar year runoff at First Point of Measurement equaled 476,819 acre-feet, 65% of the long-term average (736,650 acre-feet) and 89% of the historical median (550,121 acre-feet).



Cloud seeding operations over the Kern River Basin

Storage

Reservoir storage for 2000 began at 169,341 acre-feet. Isabella Reservoir year end storage was 129,519 acre-feet, constituting 23% of the lake capacity and 83% of the average December 31st carryover storage figure of 156,677 acre-feet. The following table summarizes the history of winter carryover storage levels at Lake Isabella:

ISABELLA RESERVOIR
DECEMBER 31st STORAGE IN ACRE-FEET
In Order of Magnitude (1954-2000)

Rank	Year	Storage	Rank	Year	Storage	Rank	Year	Storage	Rank	Year	Storage	Rank	Year	Storage
1	1966	313,258	10	1993	242,525	21	1965	171,193	31	1964	118,303	41	1976	67,701
2	1983	311,944	12	1980	229,813	22	1975	170,190	32	1994	115,585	42	1972	55,589
3	1982	261,558	13	1969	225,535	23	1963	170,043	33	1957	101,413	43	1990	46,014
4	1996	252,811	14	1974	223,930	24	1999	169,341	34	1991	89,654	44	1977	43,820
5	1995	246,474	15	1979	208,768	25	1981	168,210	35	1989	85,978	45	1960	29,119
6	1984	244,979	16	1973	205,948	26	1987	143,410	36	1962	82,849	46	1961	17,524
7	1998	244,904	17	1967	199,937	27	1956	130,313	37	1992	82,262	47	1954	8,670
7	1978	244,904	18	1958	198,112	28	2000	129,519	38	1955	78,567			
9	1986	244,085	19	1985	195,516	29	1968	124,480	39	1988	73,545			
10	1997	242,525	20	1970	172,038	30	1971	122,040	40	1959	71,608			

- MAXIMUM 2000 STORAGE = 293,234 Acre-Feet (June 8, 2000)
- MINIMUM 2000 STORAGE = 129,469 Acre-Feet (December 29, 2000)

Operations

Kern River regulated flow during the 2000 Calendar year amounted to 472,536 acre-feet, 65% of the 1954-2000 average regulated flow at First Point of Measurement of 728,719 acre-feet. Peak regulated flow during 2000 occurred on June 30th, with a mean daily discharge of 1,635 cubic feet per second. The Kern River Channel was fully operated to the head of the Kern River Canal near Coffee Road throughout the summer irrigation season due in large part to an abundance of state project water available to Improvement District No. 4 for recharge in the Kern River bed. The summer-time flow operation provided for recharge as well as a variety of recreational opportunities such as the Regatta 2000 where boats are set sail between Beach and Yokuts Parks (pictured below left).



The total water yield of the Kern River drainage basin and its surface storage reservoir in acre-feet during 2000 is summarized as follows:

+	Kern River Computed Natural Flow	476,819
+	Isabella Reservoir Storage	39,821
-	Isabella Reservoir Evaporation	41,235
-	Kern River Diversion Above First Point	2,869
=	Kern River Regulated Flow at First Point	472,536

The delivery of ***Kern River*** water to canal and conveyance facilities located below First Point of Measurement during 2000 was as follows:

Delivery Point	Flow in Acre-Feet
Beardsley Canal	182,189
Calloway Canal (net of river loss)	31,732
Kern Island Canal	137,692
Eastside Canal	16,042
Stine Canal	18,871
Truxtun Lakes	1,550
Arvin-Edison Turnout	7,311
Buena Vista Canal	24,085
Rosedale Channel	1,771
Pioneer Property	0
2800 Acre Recharge Facility	0
Second Point of Measurement	15,739
Seepage Loss (River & Carrier)	35,554



Calloway Canal - Hageman Weir

Dry year benefits are few but do include the opportunity to install new structures. Pictured above right is the construction of the Hageman Weir on the Calloway Canal by the North Kern Water Storage District. Pictured below right is a rare photo courtesy of Southern California Edison Company portraying a full operational sluice of Democrat Dam pool. The maintenance program was conducted during the fall of 2000 as part of major renovation of the KR#1 flume and conduit. At left is one of two erosion control structures placed by the City Water Department in the Kern River Channel near Golden State Highway. This major river bed improvement was constructed during the fall of 2000 using rock that was blasted from the mouth of the Kern River Canyon and hauled to the construction site.



Erosion control structure situated near Golden State Highway



Democrat Dam

DISCHARGE IN CUBIC FEET PER SECOND — Kern River at First Point of Measurement "Computed Natural" — Year: 2000

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	199	385	657	897	1,652	2,094	723	357	212	176	230	217
2	215	352	661	884	1,822	2,039	685	362	209	182	240	215
3	225	346	647	913	2,046	1,968	647	383	202	189	240	208
4	229	345	725	986	2,230	1,927	616	387	209	172	234	198
5	214	339	745	1,105	2,260	1,882	585	371	220	176	243	200
6	221	339	760	1,170	2,254	1,815	546	350	227	177	239	211
7	217	337	672	1,193	2,282	1,669	531	339	226	184	230	201
8	219	328	662	1,221	2,294	1,570	530	330	213	192	214	199
9	206	333	650	1,229	2,330	1,419	523	307	201	204	196	200
10	205	385	643	1,241	2,267	1,282	509	288	187	200	204	200
11	209	455	656	1,188	2,122	1,149	498	276	182	212	197	207
12	225	517	696	1,175	1,886	1,160	478	269	189	221	190	203
13	228	1,067	757	1,177	1,656	1,301	470	266	194	248	182	213
14	233	1,573	803	1,180	1,505	1,461	458	260	191	243	186	217
15	229	1,260	835	1,132	1,414	1,574	446	246	187	233	204	224
16	266	850	897	1,107	1,355	1,653	442	231	183	223	206	226
17	310	762	926	1,080	1,328	1,648	438	212	181	203	204	226
18	361	631	942	1,075	1,331	1,567	437	199	166	203	199	215
19	351	597	956	1,054	1,382	1,393	429	197	165	203	195	215
20	334	608	953	1,011	1,572	1,268	401	206	149	213	201	210
21	288	630	961	995	1,821	1,182	386	225	149	208	211	213
22	271	707	916	947	2,193	1,110	360	236	145	196	224	203
23	256	679	909	957	2,567	1,030	357	250	156	200	229	205
24	586	690	878	985	2,817	943	357	244	149	200	225	201
25	793	622	867	1,094	2,910	885	352	244	154	222	222	206
26	637	620	859	1,213	2,838	847	342	230	166	230	215	191
27	420	636	918	1,367	2,805	838	350	237	179	233	216	188
28	374	659	939	1,455	2,798	809	366	231	180	226	215	185
29	323	642	964	1,507	2,683	789	355	222	176	240	217	199
30	303	-	943	1,437	2,550	765	330	206	167	266	227	207
31	503	-	900	-	2,272	-	324	213	-	235	-	194
TOTAL	9,650	17,694	25,297	33,975	65,242	41,037	14,271	8,374	5,514	6,510	6,435	6,397
MAXIMUM DAY	793	1,573	964	1,507	2,910	2,094	723	387	227	266	243	226
MINIMUM DAY	199	328	643	884	1,328	765	324	197	145	172	182	185
MEAN	311	610	816	1,133	2,105	1,368	460	270	184	210	215	206
TOTAL AC. FT.	19,140	35,096	50,176	67,388	129,406	81,396	28,306	16,610	10,937	12,912	12,764	12,688

WHOLE YEAR:- TOTAL, 240,396 MAX., 2,910 MIN., 145 MEAN, 657 TOTAL AC.FT., 476,819

DISCHARGE IN CUBIC FEET PER SECOND

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

Year: 2000

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	176	297	433	740	1,796	1,953	632	236	239	142	235	174
2	177	289	452	754	2,094	1,830	594	231	224	139	219	177
3	165	277	430	819	2,417	1,719	533	246	226	138	219	172
4	172	275	432	912	2,436	1,759	477	289	213	139	212	172
5	149	267	505	1,031	2,321	1,815	436	281	199	139	208	173
6	165	258	495	1,067	2,339	1,668	409	256	193	139	210	172
7	166	254	444	1,127	2,400	1,630	384	240	180	141	209	173
8	171	253	480	1,183	2,529	1,507	361	230	175	143	202	179
9	172	255	458	1,209	2,314	1,344	344	221	170	141	193	178
10	179	306	461	1,163	2,778	1,110	367	210	166	167	187	174
11	204	346	490	1,137	2,174	1,009	367	203	158	229	177	169
12	190	352	526	1,167	1,759	1,020	360	193	151	218	165	173
13	184	679	571	1,216	1,755	1,111	348	184	149	218	172	169
14	179	1,313	620	1,207	1,621	1,292	336	184	147	213	179	169
15	183	1,028	695	1,164	1,572	1,362	323	182	146	213	176	178
16	194	678	738	1,016	1,247	1,464	324	181	143	209	169	177
17	223	590	799	963	1,155	1,533	332	182	139	198	165	174
18	366	497	835	1,100	1,154	1,371	339	189	141	197	166	173
19	340	454	877	982	1,159	1,220	311	187	140	195	172	166
20	249	436	937	997	1,330	1,083	293	186	143	179	175	168
21	229	537	847	979	1,692	1,003	277	181	136	178	173	171
22	215	454	763	970	2,179	945	267	175	141	178	178	165
23	209	491	733	974	2,734	880	259	170	146	180	171	163
24	423	437	745	1,021	3,150	768	254	166	152	181	173	163
25	676	444	737	1,119	3,153	753	250	168	148	179	176	163
26	469	439	766	1,248	2,995	711	255	184	146	182	176	155
27	320	483	820	1,463	2,794	711	258	196	145	202	176	153
28	275	509	845	1,706	2,881	653	252	191	144	206	178	156
29	260	481	827	1,622	2,801	649	244	210	145	228	176	157
30	270	-	800	1,591	2,513	643	233	229	143	279	177	157
31	354	-	788	-	2,171	-	235	238	-	228	-	151
TOTAL	7,704	13,379	20,349	33,647	67,413	36,516	10,654	6,419	4,888	5,718	5,564	5,214
MAXIMUM DAY	676	1,313	937	1,706	3,153	1,953	632	289	239	279	235	179
MINIMUM DAY	149	253	430	740	1,154	643	233	166	136	138	165	151
MEAN	249	461	656	1,122	2,175	1,217	344	207	163	184	185	168
TOTAL AC. FT.	15,281	26,537	40,362	66,738	133,712	72,428	21,132	12,732	9,695	11,341	11,036	10,342

WHOLE YEAR:- TOTAL, 217,465 MAX., 3,153 MIN., 136 MEAN, 594 TOTAL AC.FT., 431,336

DISCHARGE IN CUBIC FEET PER SECOND | Kern River at First Point of Measurement "Regulated" | Year: 2000

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	626	285	465	684	625	1,211	1,620	1,203	514	344	214	193
2	507	338	484	769	708	1,257	1,589	1,153	506	352	214	222
3	264	354	475	855	768	1,192	1,617	1,176	520	375	215	218
4	227	343	470	928	786	1,199	1,586	1,196	502	403	215	301
5	217	326	498	987	732	1,252	1,519	1,189	465	441	220	318
6	208	350	507	959	687	1,308	1,565	1,180	459	440	214	327
7	194	327	466	878	703	1,380	1,520	1,240	389	384	206	344
8	196	324	469	807	795	1,405	1,346	1,188	376	418	202	340
9	191	341	465	794	848	1,464	1,293	1,112	344	439	195	337
10	195	315	455	804	820	1,349	1,303	1,161	362	395	201	352
11	180	366	447	875	765	1,318	1,259	1,109	442	431	202	389
12	182	408	456	950	750	1,412	1,281	1,063	503	425	206	411
13	177	434	445	989	665	1,527	1,309	1,078	527	368	191	391
14	175	531	431	972	654	1,518	1,355	1,084	523	295	166	363
15	181	491	428	877	677	1,484	1,197	1,056	478	248	209	348
16	223	470	409	826	723	1,489	1,412	1,090	457	282	239	289
17	308	440	444	914	707	1,425	1,469	1,096	425	291	232	283
18	320	433	442	826	700	1,307	1,419	1,111	450	295	228	264
19	412	416	506	748	693	1,314	1,350	1,095	439	348	230	256
20	412	429	574	609	678	1,252	1,329	1,093	412	343	229	252
21	449	419	688	519	694	1,261	1,300	1,049	439	235	241	227
22	454	447	762	465	800	1,255	1,206	924	449	238	230	183
23	457	476	724	582	887	1,239	1,161	814	411	269	184	176
24	464	489	665	699	973	1,235	1,212	741	386	352	187	176
25	462	467	637	753	1,016	1,248	1,261	598	340	364	197	175
26	454	436	691	803	1,000	1,305	1,348	468	458	321	193	179
27	442	421	704	781	838	1,442	1,368	522	513	262	176	178
28	428	429	738	663	899	1,546	1,319	554	459	224	180	177
29	408	452	732	592	1,029	1,620	1,234	594	450	228	179	176
30	356	-	718	576	1,052	1,635	1,205	578	379	227	186	174
31	287	-	663	-	1,135	-	1,226	522	-	218	-	179
TOTAL	10,056	11,757	17,058	23,484	24,807	40,849	42,178	30,037	13,377	10,255	6,181	8,198
MAXIMUM INSTANT.	716	678	989	1,234	1,177	1,810	2,062	1,318	560	484	260	420
MINIMUM INSTANT.	152	267	377	454	610	1,084	467	281	123	211	161	169
MEAN	324	405	550	783	800	1,362	1,361	969	446	331	206	264
TOTAL AC. FT.	19,946	23,320	33,834	46,580	49,204	81,023	83,659	59,577	26,533	20,340	12,260	16,260

WHOLE YEAR:- TOTAL, 238,237 MAX., 2,062 MIN., 123 MEAN, 651 TOTAL AC.FT., 472,536

DISCHARGE IN CUBIC FEET PER SECOND — Kern River Conduit at Alternate Second Point (Total Flow) — Year: 2000

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	0	14	40	0	92	171	56	0	0	0	0
2	0	0	25	36	0	94	178	75	0	0	0	0
3	0	0	29	48	0	47	178	65	0	0	0	0
4	0	0	27	36	0	51	156	47	0	0	0	0
5	0	0	30	23	0	36	59	57	0	0	0	0
6	0	0	33	18	0	65	115	79	0	0	0	0
7	0	0	31	5	0	80	110	79	0	0	0	0
8	0	0	15	23	0	115	91	56	0	0	0	0
9	0	0	0	17	0	143	102	53	0	0	0	0
10	0	0	0	21	0	127	105	79	0	0	0	0
11	0	0	0	30	0	131	102	76	0	0	0	0
12	0	0	0	8	0	153	81	79	0	0	0	0
13	0	0	0	9	0	136	87	90	0	0	0	0
14	0	0	0	5	0	119	80	72	0	0	0	0
15	0	0	0	0	0	92	25	42	0	0	0	0
16	0	0	0	0	0	166	66	19	0	0	0	0
17	0	0	0	0	0	154	45	8	0	0	0	0
18	0	0	0	0	0	86	33	25	0	0	0	0
19	0	0	0	0	0	82	65	54	0	0	0	0
20	0	0	0	0	0	67	70	120	0	0	0	0
21	0	0	0	0	0	56	61	65	0	0	0	0
22	0	0	42	0	0	44	64	44	0	0	0	0
23	0	0	46	0	0	46	86	0	0	0	0	0
24	0	0	28	0	0	51	96	0	0	0	0	0
25	0	0	47	0	0	56	68	0	0	0	0	0
26	0	0	47	0	0	49	60	0	0	0	0	0
27	0	0	47	0	16	73	66	0	0	0	0	0
28	0	0	47	0	45	81	76	0	0	0	0	0
29	0	0	47	0	53	103	62	0	0	0	0	0
30	0	-	47	0	41	136	52	0	0	0	0	0
31	0	-	44	-	78	-	56	0	-	0	-	0
TOTAL	0	0	646	319	233	2,731	2,666	1,340	0	0	0	0
MAXIMUM DAY	0	0	47	48	78	166	178	120	0	0	0	0
MINIMUM DAY	0	0	0	0	0	36	25	0	0	0	0	0
MEAN	0	0	21	11	8	91	86	43	0	0	0	0
TOTAL AC. FT.	0	0	1,281	633	462	5,417	5,288	2,658	0	0	0	0

WHOLE YEAR:- TOTAL, 7,935 MAX., 178 MIN., 0 MEAN, 22 TOTAL AC.FT., 15,739

DISCHARGE IN CUBIC FEET PER SECOND **Kern River Channel at Second Point of Measurement (Total Flow)** **Year: 2000**

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

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

DISCHARGE IN CUBIC FEET PER SECOND — Friant-Kern Inflow to Kern River Channel (Total Flow) — Year: 2000

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	0	0	480	25	425	0	0	0	0	0	0
2	0	0	0	140	25	300	0	0	0	0	0	0
3	0	0	0	0	132	125	0	0	0	0	0	0
4	0	0	0	0	185	0	0	0	0	0	0	0
5	0	0	0	0	185	0	0	0	0	0	0	0
6	0	0	0	0	232	0	0	0	0	0	0	0
7	0	0	0	0	265	0	0	0	0	0	0	0
8	0	0	203	0	265	0	0	0	0	0	0	0
9	0	0	447	0	294	0	0	0	0	0	0	0
10	0	0	560	0	315	0	0	0	0	0	0	0
11	0	0	647	0	344	0	0	0	0	0	0	0
12	0	0	730	0	365	0	0	0	0	0	0	0
13	0	0	805	0	365	0	0	0	0	0	0	0
14	0	0	736	0	365	0	0	0	0	0	0	0
15	0	0	580	0	394	0	0	0	0	0	0	0
16	0	0	672	0	415	0	0	0	0	0	0	0
17	0	0	953	0	415	0	0	0	0	0	0	0
18	0	0	1,010	0	415	0	0	0	0	0	0	0
19	0	0	1,010	0	541	0	0	0	0	0	0	0
20	0	0	1,010	0	647	0	0	0	0	0	0	0
21	0	0	1,043	0	660	0	0	0	0	0	0	0
22	0	0	1,037	0	660	0	0	0	0	0	0	0
23	0	0	1,085	0	660	0	0	0	0	0	0	0
24	0	0	1,115	0	594	0	0	0	0	0	0	0
25	0	0	1,115	0	520	0	0	0	0	0	0	0
26	0	0	1,115	0	500	0	0	0	0	0	0	0
27	0	0	1,115	0	500	0	0	0	0	0	0	0
28	0	0	1,115	15	500	0	0	0	0	0	0	0
29	0	0	1,139	25	500	0	0	0	0	0	0	0
30	0	-	983	25	500	0	0	0	0	0	0	0
31	0	-	700	-	500	-	0	0	-	0	-	0
TOTAL	0	0	20,925	685	12,283	850	0	0	0	0	0	0
MAXIMUM DAY	0	0	1,139	480	660	425	0	0	0	0	0	0
MINIMUM DAY	0	0	0	0	25	0	0	0	0	0	0	0
MEAN	0	0	675	23	396	28	0	0	0	0	0	0
TOTAL AC. FT.	0	0	41,504	1,359	24,364	1,686	0	0	0	0	0	0

WHOLE YEAR:- TOTAL, 34,743 MAX., 1,139 MIN., 0 MEAN, 95 TOTAL AC.FT., 68,913

CITY OF BAKERSFIELD
SUMMARY OF KERN RIVER ENTITLEMENTS

Quantities in acre-feet — *Year: 2000*

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
Buena Vista W.S.D. Entitlement	0	46	10,092	15,759	36,466	20,235	3,136	307	0	0	0	0	86,041
Hacienda W.D. Entitlement	0	0	0	0	0	0	0						0
K.C.L. Entitlement @ 2nd Point	0	2	301	750	1,747	968	149	14	0	0	0	0	3,931
Kern Island (1-st)	15,346	17,256	18,119	17,851	18,446	17,851	18,446	15,154	10,282	12,236	12,109	12,012	185,108
Eastside													
Kern River Conduit			18,432	18,137	22,782	18,744	5,899	459					84,453
Castro	87	268	32	93	123	101							704
KCC & W Co.	246	748	52	232	403	280							1,961
South Fork	169	529	42	171	289	203							1,403
Buena Vista (1-st)	914	3,223	333	1,309	2,137	1,515							9,431
James (1-st)	879	4,217	488	1,969	3,211	2,281							13,045
Anderson (1-st)	115	649	83	325	526	381							2,079
Stine	529	3,606	611	2,468	4,011	2,851							14,076
Meacham	58	305	125	490	807	563							2,348
Farmers	121	1,170	605	2,468	4,011	2,787							11,162
Plunket		234	121	638	1,067	708							2,768
Joyce		234	60	615	1,067	698							2,674
Johnson		234	4	573	1,067	688							2,566
Pioneer (1-st)		637		1,535	3,477	2,178							7,827
Beardsley (1-st)		232		505	1,601	931							3,269
Lerdo (NKWSD)													
Anderson (2-nd)		40		58	282	141							521
James & Dixon		157		184	1,067	575							1,983
Wilson		24		16	159	75							274
KCC & W Co.		16		16	123	65							220
McCaffrey		63		77	694	369							1,203
McCord: Lerdo 30%		58		87	780	373							1,298
Beardsley 70%		135		204	1,825	881							3,045
Calloway: Central 20%		75		42	3,281	861							4,259
NKWSD 80%		305		161	13,133	3,438							17,037
Railroad: KCC & W Co. 20%					368								368
NKWSD 80%					1,443								1,443
Buena Vista (2-nd)					665								665
James (2-nd)					1,053								1,053
Pioneer (2-nd)					579								579
Beardsley (3-rd)					40								40
Kern Island (2-nd)													0
Computed Loss	676	633	676	655	676	655	676	676	655	676	655	676	7,985
Total 1st Point Group Entitlement	19,140	35,050	40,084	51,629	92,940	61,161	25,170	16,303	10,937	12,912	12,764	12,688	390,778

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

Year: 2000

Quantities in acre-feet

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
FIRST POINT REGULATED FLOW	**19,946**	**23,320**	**33,834**	**46,580**	**49,204**	**81,023**	**83,659**	**59,577**	**26,533**	**20,340**	**12,260**	**16,260**	**472,536**
BEARDSLEY CANAL	6,813	5,776	8,414	22,243	26,021	29,316	29,875	22,140	12,040	10,580	5,351	3,620	182,189
CALLOWAY CANAL (Net of River Loss)	1,416	1,244	1,843	2,471	3,104	3,644	3,860	3,856	3,342	2,971	2,285	1,696	31,732
KERN ISLAND CANAL	6,746	5,663	12,022	12,648	12,081	22,808	22,399	17,522	8,497	4,943	3,118	9,245	137,692
EASTSIDE CANAL	0	56	1,434	1,662	2,529	3,148	2,858	2,237	1,307	676	135	0	16,042
STINE CANAL	0	0	0	0	103	6,835	7,317	4,616	0	0	0	0	18,871
TRUXTUN LAKES	232	202	167	165	137	226	272	149	0	0	0	0	1,550
ARVIN-EDISON TURNOUT	0	2,588	292	2,285	0	272	1,811	63	0	0	0	0	7,311
BUENA VISTA CANAL	1,668	2,678	737	1,712	1,968	5,423	5,954	3,939	0	0	0	6	24,085
RIVER CANAL BOOSTERS	0	0	0	0	0	0	0	0	0	0	0	0	0
JAMES CANAL	0	0	0	0	0	0	0	0	0	0	0	0	0
ROSEDALE CHANNEL	0	0	1,771	0	0	0	0	0	0	0	0	0	1,771
PIONEER CANAL	0	0	0	0	0	0	0	0	0	0	0	0	0
BERRENDA MESA PIPELINE	0	0	0	0	0	0	0	0	0	0	0	0	0
PIONEER PROPERTY	0	0	0	0	0	0	0	0	0	0	0	0	0
BOSWELL TURNOUT	0	0	0	0	0	0	0	0	0	0	0	0	0
2800 ACRE RECHARGE FACILITY	0	0	0	0	0	0	0	0	0	0	0	0	0
CARRIER CANAL LOSS/REFILL	476	654	683	1,009	960	819	863	617	0	0	0	92	6,173
RIVER LOSS & SPREADING	2,595	4,459	5,190	1,752	1,839	3,115	3,162	1,780	1,347	1,170	1,371	1,601	29,381
FIRST POINT CANALS TOTAL FLOW	**19,946**	**23,320**	**32,553**	**45,947**	**48,742**	**75,606**	**78,371**	**56,919**	**26,533**	**20,340**	**12,260**	**16,260**	**456,797**
TOTAL FLOW AT SECOND POINT	**0**	**0**	**1,281**	**633**	**462**	**5,417**	**5,288**	**2,658**	**0**	**0**	**0**	**0**	**15,739**
BUENA VISTA WSD	0	0	1,281	633	440	5,086	5,008	2,545	0	0	0	0	14,993
KERN WATER BANK	0	0	0	0	0	0	0	0	0	0	0	0	0
KERN DELTA WD	0	0	0	0	22	331	280	113	0	0	0	0	746

2000 Summary of Kern River Water Diversions by Entity

(Acre-Feet)

Area of Use	*Diverted*
Above First Point	
California Water Service Co.	933
Kern Valley Golf Course	198
La Hacienda, Inc.	188
Lake Ming	790
Olcese WD	756
City of Bakersfield	4
Sub-total	2,869
Below First Point	
Arvin-Edison WSD	5,280
Buena Vista WSD	14,993
Cawelo WD	62,181
City of Bakersfield, Irrigation and Spreading	48,052
Improvement District #4	32,258
Kern County Water Agency	0
Kern Delta WD	198,567
North Kern WSD	106,913
Rosedale Ranch Improvement District	1,621
Rosedale-Rio Bravo WSD	1,771
South Fork	900
Sub-total	472,536
Grand Total	475,405

UTILIZATION OF STORAGE - ISABELLA RESERVOIR
KERN RIVER FIRST POINT GROUP

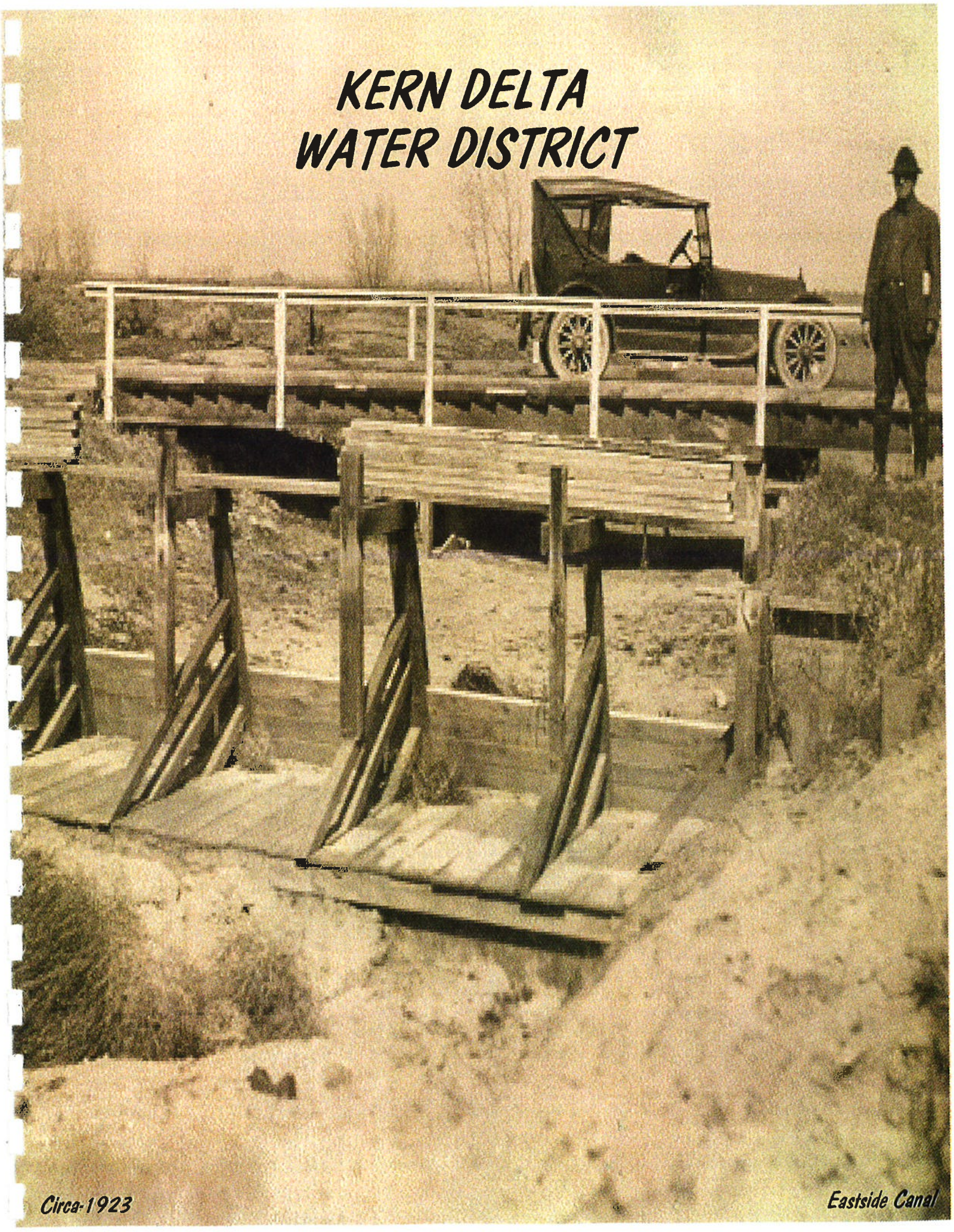
Year: 2000

Quantities in acre-feet

End of Month Unit Storage

STORAGE UNIT	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
Kern Island	2,500	5,133	6,211	10,618	16,467	9,150	2,445	1,103	2,451	2,500	2,500	2,500	63,578
Buena Vista	1,500	2,130	2,382	3,494	6,207	5,248	1,821	0	298	1,500	1,500	1,500	27,580
Stine	489	1,398	1,902	4,044	7,809	5,843	1,357	0	0	153	242	240	23,477
Farmers	101	591	1,097	3,253	6,000	5,060	1,228	0	0	0	0	0	17,330
KERN DELTA WD TOTAL	**4,590**	**9,252**	**11,592**	**21,409**	**36,483**	**25,301**	**6,851**	**1,103**	**2,749**	**4,153**	**4,242**	**4,240**	**131,965**
City of Bakersfield	7,306	7,496	15,281	24,715	40,253	40,636	22,351	1,432	737	648	2,920	3,011	166,786
Kern River Canal & Irr. Co.	6,071	6,201	5,610	4,503	5,150	4,707	2,739	693	0	0	0	0	35,674
South Fork	600	687	656	769	1,001	1,113	958	766	787	1,412	600	600	9,949
Improvement District No. 4	0	0	990	1,954	3,863	5,705	7,444	9,495	5,851	2,279	0	0	37,581
CITY OF BAKERSFIELD TOTAL	**13,977**	**14,384**	**22,537**	**31,941**	**50,267**	**52,161**	**33,492**	**12,386**	**7,375**	**4,339**	**3,520**	**3,611**	**249,990**
NORTH KERN WSD	**53,256**	**59,665**	**59,074**	**50,067**	**64,362**	**65,482**	**56,056**	**51,037**	**42,818**	**40,157**	**41,778**	**37,722**	**621,474**
TOTAL 1ST POINT STORAGE	**71,823**	**83,301**	**93,203**	**103,417**	**151,112**	**142,944**	**96,399**	**64,526**	**52,942**	**48,649**	**49,540**	**45,573**	**1,003,429**

KERN DELTA WATER DISTRICT



Circa-1923

Eastside Canal

KERN DELTA WATER DISTRICT

Monthly Summary of Kern River Entitlements, Diversions, Deliveries and Storage ... All Canals

Quantities in acre-feet

Year: 2000

		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
Kern River Entitlement	+	16,910	25,255	19,668	24,096	29,270	25,004	18,446	15,154	10,282	12,236	12,109	12,012	220,442
Release	+ or -	(6,031)	(11,372)	(5,696)	(1,236)	(127)	(272)	0	0	(517)	(5,891)	(8,872)	(2,749)	(42,763)
Entitlement + or - Releases	=	**10,879**	**13,883**	**13,972**	**22,860**	**29,143**	**24,732**	**18,446**	**15,154**	**9,765**	**6,345**	**3,237**	**9,263**	**177,679**
Into Isabella Storage	-	616	4,692	2,496	10,103	15,774	258	0	1,107	1,966	1,489	151	1,123	39,775
From Isabella Storage	+	0	0	48	0	0	10,582	17,918	6,775	232	0	0	1,073	36,628
From City of Bakersfield	+	0	0	0	0	0	0	0	0	0	0	0	0	0
From Buena Vista WSD	+	0	0	0	0	0	0	0	0	0	0	0	0	0
To City of Bakersfield	-	0	0	0	0	0	0	0	0	0	0	0	0	0
Storage Transfer/Exch.	+ or -	0	0	0	0	0	0	0	0	0	0	0	0	0
Carrier Canal Loss/Refill	-	446	365	0	0	0	0	0	0	0	0	0	0	811
Via North Kern WSD	-	0	0	153	0	0	0	0	0	0	0	0	0	153
Via Cawelo Water District	-	0	0	0	0	0	0	0	0	0	0	0	0	0
For Improvement District No.4	-	1,537	533	0	0	0	0	0	0	0	0	0	0	2,070
Other	+ or -	0	0	0	0	0	0	0	0	0	0	0	0	0
Diverted at Heads of Canals	=	**8,280**	**8,293**	**11,371**	**12,757**	**13,369**	**35,056**	**36,364**	**20,822**	**8,031**	**4,856**	**3,086**	**9,213**	**171,498**
From North Kern WSD	+	0	0	153	0	0	0	0	0	0	0	0	0	153
From Cawelo Water District	+	0	0	0	0	0	0	0	0	0	0	0	0	0
From Improvement District No.4	+	1,537	533	0	0	0	0	0	0	0	0	0	0	2,070
Total Utility Supply	=	**9,817**	**8,826**	**11,524**	**12,757**	**13,369**	**35,056**	**36,364**	**20,822**	**8,031**	**4,856**	**3,086**	**9,213**	**173,721**
Utility Deliveries		6,475	5,653	7,173	8,345	7,605	26,370	28,468	15,684	4,261	2,118	951	6,381	119,484
Contract Deliveries		200	286	415	661	543	818	568	380	398	234	125	0	4,628
Total Irrigation Deliveries	-	**6,675**	**5,939**	**7,588**	**9,006**	**8,148**	**27,188**	**29,036**	**16,064**	**4,659**	**2,352**	**1,076**	**6,381**	**124,112**
Canal Conveyance Losses	=	3,142	2,887	3,936	3,751	5,221	7,868	7,328	4,758	3,372	2,504	2,010	2,832	49,609
Delivery Percentage		68%	67%	66%	71%	61%	78%	80%	77%	58%	48%	35%	69%	71%

Reservoir Evaporation Loss		26	30	108	286	700	858	532	80	88	85	62	52	2,907
End of Month Reservoir Storage		**4,590**	**9,252**	**11,592**	**21,409**	**36,483**	**25,301**	**6,851**	**1,103**	**2,749**	**4,153**	**4,242**	**4,240**	

DISCHARGE IN CUBIC FEET PER SECOND — Total Flow via the Kern Island Canal Headgate — Year: 2000

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	65	101	92	216	118	342	452	291	153	122	51	46
2	64	107	100	203	145	383	436	258	144	130	52	120
3	87	108	138	225	140	372	420	268	135	125	53	132
4	105	103	128	237	152	370	409	303	145	127	47	216
5	143	106	114	256	179	421	430	318	141	106	45	216
6	160	114	94	285	189	431	456	320	147	114	41	224
7	144	145	72	258	183	429	453	373	141	113	44	242
8	147	163	83	226	200	423	394	368	136	105	47	252
9	141	164	89	207	216	416	331	340	109	98	44	252
10	135	151	90	192	209	366	334	395	108	94	41	256
11	106	83	92	211	210	339	278	346	123	126	44	269
12	131	55	100	242	221	369	305	356	126	120	49	266
13	128	44	138	273	188	432	319	347	168	100	54	243
14	116	35	150	277	182	447	378	328	153	60	53	228
15	105	73	174	238	189	460	326	326	114	54	50	221
16	108	87	186	243	176	429	371	329	119	57	48	176
17	117	99	202	262	167	331	358	338	132	47	46	154
18	115	100	225	251	161	291	341	357	139	53	45	136
19	116	86	241	262	154	322	307	358	146	86	40	140
20	108	77	285	228	155	334	322	346	141	98	42	137
21	104	82	346	209	179	338	346	337	174	54	52	109
22	99	102	360	135	218	350	334	279	198	54	54	60
23	101	91	328	130	196	365	320	263	172	58	67	44
24	97	104	320	154	221	377	331	265	156	59	67	38
25	95	119	294	161	243	358	354	191	143	61	76	32
26	97	113	271	170	213	351	369	114	128	53	79	39
27	87	75	286	171	186	371	393	121	165	51	64	76
28	92	81	293	158	220	400	389	135	143	41	57	82
29	93	87	278	152	271	427	363	161	151	30	60	84
30	93	-	255	145	276	455	348	163	134	45	60	92
31	102	-	237	-	334	-	326	140	-	51	-	79
TOTAL	3,401	2,855	6,061	6,377	6,091	11,499	11,293	8,834	4,284	2,492	1,572	4,661
MAXIMUM DAY	160	164	360	285	334	460	456	395	198	130	79	269
MINIMUM DAY	64	35	72	130	118	291	278	114	108	30	40	32
MEAN	110	98	196	213	196	383	364	285	143	80	52	150
TOTAL AC. FT.	6,746	5,663	12,022	12,648	12,081	22,808	22,399	17,522	8,497	4,943	3,118	9,245

WHOLE YEAR:- TOTAL, 69,420 MAX., 460 MIN., 30 MEAN, 190 TOTAL AC.FT., 137,692

KERN DELTA WATER DISTRICT
KERN ISLAND CANAL SERVICE AREA

Quantities in acre-feet

Year: 2000

		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
River Entitlement	+	15,346	17,256	18,119	17,851	18,446	17,851	18,446	15,154	10,282	12,236	12,109	12,012	185,108
Release	-	6,179	7,348	6,254	543	0	0	0	0	821	7,270	8,987	2,777	40,179
Entitlement + or - Releases	=	**9,167**	**9,908**	**11,865**	**17,308**	**18,446**	**17,851**	**18,446**	**15,154**	**9,461**	**4,966**	**3,122**	**9,235**	**144,929**
Into Storage	-	16	2,649	1,186	4,551	6,174	0	0	1,107	1,662	110	36	1,101	18,592
From Storage	+	0	0	48	0	0	6,971	6,526	2,409	232	0	0	1,073	17,259
From City of Bakersfield	+	0	0	0	0	0	0	0	0	0	0	0	0	0
Carrier Canal Loss/Refill	-	155	145	0	0	0	0	0	0	0	0	0	0	300
Other	+/-	0	0	0	0	0	0	0	0	0	0	0	0	0
Transfer in Storage	+/-	0	0	0	0	0	0	0	0	0	0	0	0	0
Eastside Canal Entitlement	-	0	0	1,083	1,264	1,843	2,430	1,952	1,039	0	0	0	0	9,611
To City of Bakersfield	-	0	0	0	0	0	0	0	0	0	0	0	0	0
Via Cawelo Water District	-	0	0	0	0	0	0	0	0	0	0	0	0	0
Via North Kern WSD	-	0	0	0	0	0	0	0	0	0	0	0	0	0
For Improvement District No.4	-	1,537	533	0	0	0	0	0	0	0	0	0	0	2,070
Diverted at Head of Canal	=	**7,459**	**6,581**	**9,644**	**11,493**	**10,429**	**22,392**	**23,020**	**15,417**	**8,031**	**4,856**	**3,086**	**9,207**	**131,615**
From Cawelo Water District	+	0	0	0	0	0	0	0	0	0	0	0	0	0
From North Kern WSD	+	0	0	0	0	0	0	0	0	0	0	0	0	0
From Improvement District No.4	+	1,537	533	0	0	0	0	0	0	0	0	0	0	2,070
Total Utility Supply	=	**8,996**	**7,114**	**9,644**	**11,493**	**10,429**	**22,392**	**23,020**	**15,417**	**8,031**	**4,856**	**3,086**	**9,207**	**133,685**
Utility Deliveries		5,987	4,463	6,029	7,318	5,366	17,172	18,841	11,610	4,261	2,118	951	6,381	90,497
Contract Deliveries		200	286	412	637	432	715	549	377	398	234	125	0	4,365
Total Irrigation Deliveries	-	**6,187**	**4,749**	**6,441**	**7,955**	**5,798**	**17,887**	**19,390**	**11,987**	**4,659**	**2,352**	**1,076**	**6,381**	**94,862**
Canal Conveyance Losses	=	2,809	2,365	3,203	3,538	4,631	4,505	3,630	3,430	3,372	2,504	2,010	2,826	38,823
Delivery Percentage		69%	67%	67%	69%	56%	80%	84%	78%	58%	48%	35%	69%	71%

Into Reservoir Storage		16	2,649	1,186	4,551	6,174	0	0	1,107	1,662	110	36	1,101	18,592
Reservoir Evaporation Loss		16	16	60	144	325	346	179	40	82	61	36	28	1,333
From Reservoir Storage		0	0	48	0	0	6,971	6,526	2,409	232	0	0	1,073	17,259
End of Month Reservoir Storage		**2,500**	**5,133**	**6,211**	**10,618**	**16,467**	**9,150**	**2,445**	**1,103**	**2,451**	**2,500**	**2,500**	**2,500**	

State Exchange Diverted		73	34	700	693	976	942	1,831	2,431	349	87	32	8	8,156
State Exchange Delivered		73	34	700	693	929	942	1,220	1,849	349	87	32	8	6,916
Arvin-Edison Payback Diverted		0	0	0	10	80	0	0	0	0	0	0	0	90
Arvin-Edison Payback Delivered		0	0	0	10	80	0	0	0	0	0	0	0	90
Arvin-Edison 2000 Exchange Diverted		0	0	0	0	1,075	115	0	0	0	0	0	0	1,190
Arvin-Edison 2000 Exchange Delivered		0	0	0	0	1,075	115	0	0	0	0	0	0	1,190

KERN ISLAND CANAL

ENTITLEMENT AND DIVERSION OF CONTRACT WATER

BALFOUR - GUTHRIE CONTRACT

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

Year: 2000

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
KERN ISLAND CANAL ENTITLEMENT:													
Maximum	18,446	17,256	18,424	17,851	18,446	17,851	18,446	18,446	17,851	18,446	17,851	18,446	217,760
Actual	15,346	17,256	18,119	17,851	18,446	17,851	18,446	15,154	10,282	12,236	12,109	12,012	185,108
Maximum Percentage	83.19%	100.00%	98.34%	100.00%	100.00%	100.00%	100.00%	82.15%	57.60%	66.33%	67.83%	65.12%	
CONTRACT ENTITLEMENT:													
Maximum	269	242	269	260	269	260	269	269	260	269	260	--	2,896
Actual	224	242	265	260	269	260	269	221	150	178	176	--	2,514
Sum to Date	224	466	731	991	1,260	1,520	1,789	2,010	2,160	2,338	2,514	2,514	
CONTRACT DIVERTED:													
For Month	73	136	235	275	294	505	247	50	86	27	0	0	1,928
To Date	73	209	444	719	1,013	1,518	1,765	1,815	1,901	1,928	1,928	1,928	
UNUSED ENTITLEMENT:													
For Month	151	106	30	(15)	(25)	(245)	22	171	64	151	176	0	586
Sum to Date	151	257	287	272	247	2	24	195	259	410	586	586	

KERN ISLAND CANAL

ENTITLEMENT AND DIVERSION OF CONTRACT WATER

BLOOMFIELD CONTRACT

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

Year: 2000

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
KERN ISLAND CANAL ENTITLEMENT:													
Maximum	18,446	17,256	18,424	17,851	18,446	17,851	18,446	18,446	17,851	18,446	17,851	18,446	217,760
Actual	15,346	17,256	18,119	17,851	18,446	17,851	18,446	15,154	10,282	12,236	12,109	12,012	185,108
Maximum Percentage	83.19%	100.00%	98.34%	100.00%	100.00%	100.00%	100.00%	82.15%	57.60%	66.33%	67.83%	65.12%	
CONTRACT ENTITLEMENT:													
Maximum	336	303	336	325	336	325	336	336	325	336	325	--	3,619
Actual	280	303	330	325	336	325	336	276	187	223	220	--	3,141
Sum to Date	280	583	913	1,238	1,574	1,899	2,235	2,511	2,698	2,921	3,141	3,141	
CONTRACT DIVERTED:													
For Month	127	150	177	362	138	210	302	327	312	207	125	0	2,437
To Date	127	277	454	816	954	1,164	1,466	1,793	2,105	2,312	2,437	2,437	
UNUSED ENTITLEMENT:													
For Month	153	153	153	(37)	198	115	34	(51)	(125)	16	95	0	704
Sum to Date	153	306	459	422	620	735	769	718	593	609	704	704	

DISCHARGE IN CUBIC FEET PER SECOND — Total Flow via the Eastside Canal Headgate — Year: 2000

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	0	6	11	31	64	38	45	28	9	5	0
2	0	0	3	13	38	65	36	44	23	10	4	0
3	0	0	0	21	45	55	46	45	23	11	4	0
4	2	0	0	25	50	45	49	47	23	13	4	0
5	5	0	0	34	50	52	58	49	22	15	6	0
6	4	0	0	36	37	48	59	49	28	18	9	0
7	4	0	0	35	35	49	59	52	31	19	11	0
8	4	0	0	30	44	51	42	56	22	19	11	0
9	4	0	8	32	38	55	42	65	17	16	7	0
10	3	0	11	34	42	40	48	62	20	13	5	0
11	0	0	14	31	47	39	48	56	20	10	2	0
12	0	0	16	35	40	46	48	43	30	8	0	0
13	0	0	19	41	37	58	48	40	35	5	0	0
14	5	0	27	39	35	60	45	50	34	5	0	0
15	4	0	36	26	40	57	39	48	28	12	0	0
16	4	0	38	36	37	45	45	37	18	13	0	0
17	3	0	39	20	35	48	48	35	16	15	0	0
18	0	0	39	34	41	52	50	30	22	15	0	0
19	0	0	42	26	37	57	51	17	22	16	0	0
20	0	0	43	23	32	57	50	16	22	16	0	0
21	0	0	43	22	38	59	45	24	22	14	0	0
22	0	0	46	14	44	60	42	26	21	12	0	0
23	0	0	44	16	48	62	46	23	16	10	0	0
24	0	2	40	29	53	48	46	18	16	10	0	0
25	0	6	33	32	51	43	47	18	19	10	0	0
26	0	6	34	37	42	42	49	17	26	10	0	0
27	0	6	35	42	25	47	49	16	18	10	0	0
28	0	6	35	25	29	63	48	24	14	6	0	0
29	0	2	28	17	46	65	37	24	14	0	0	0
30	0	-	25	22	53	55	39	25	9	0	0	0
31	0	-	19	-	55	-	44	27	-	1	-	0
TOTAL	42	28	723	838	1,275	1,587	1,441	1,128	659	341	68	0
MAXIMUM DAY	5	6	46	42	55	65	59	65	35	19	11	0
MINIMUM DAY	0	0	0	11	25	39	36	16	9	0	0	0
MEAN	1	1	23	28	41	53	46	36	22	11	2	0
TOTAL AC. FT.	84	56	1,434	1,662	2,529	3,148	2,858	2,237	1,307	676	135	0

WHOLE YEAR:- TOTAL, 8,130 MAX., 65 MIN., 0 MEAN, 22 TOTAL AC.FT., 16,126

KERN DELTA WATER DISTRICT
EASTSIDE CANAL SERVICE AREA

Quantities in acre-feet

Year: 2000

		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
Kern River Entitlement	+	0	0	1,083	1,264	1,843	2,430	1,952	1,039	0	0	0	0	9,611
State Exchange Diverted	+	0	56	337	390	593	696	906	1,162	1,307	676	135	0	6,258
City Miscellaneous Diverted	+	0	0	14	8	93	22	0	36	0	0	0	0	173
Oilfield Discharge Diverted	+	84	0	0	0	0	0	0	0	0	0	0	0	84
Eastside Canal at Head	=	**84**	**56**	**1,434**	**1,662**	**2,529**	**3,148**	**2,858**	**2,237**	**1,307**	**676**	**135**	**0**	**16,126**
Utility Deliveries	+	0	0	860	1,027	1,532	2,125	1,895	968	0	0	0	0	8,407
Contract Deliveries	+	0	0	3	24	111	103	19	3	0	0	0	0	263
Subtotal Utility Deliveries	=	0	0	863	1,051	1,643	2,228	1,914	971	0	0	0	0	8,670
State Exchange Delivered	+	0	0	203	390	593	696	683	1,021	1,103	511	129	0	5,329
City Miscellaneous Delivered	+	0	0	14	8	93	22	0	36	0	0	0	0	173
Oilfield Discharge Delivered	+	46	0	0	0	0	0	0	0	0	0	0	0	46
Arvin-Edison Payback Delivered	+	0	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal State/Other Deliveries	=	46	0	217	398	686	718	683	1,057	1,103	511	129	0	5,548
Total Irrigation Deliveries		**46**	**0**	**1,080**	**1,449**	**2,329**	**2,946**	**2,597**	**2,028**	**1,103**	**511**	**129**	**0**	**14,218**
Canal Loss (Utility)	+	0	0	220	213	200	202	38	68	0	0	0	0	941
Canal Loss (State)	+	0	56	134	0	0	0	223	141	204	165	6	0	929
Canal Loss (Other)	+	38	0	0	0	0	0	0	0	0	0	0	0	38
Total Canal Loss	=	**38**	**56**	**354**	**213**	**200**	**202**	**261**	**209**	**204**	**165**	**6**	**0**	**1,908**
Delivery Percentage		55%	0%	75%	87%	92%	94%	91%	91%	84%	76%	96%	0%	88%

DISCHARGE IN CUBIC FEET PER SECOND — Total Flow via the Buena Vista Canal Headgate — Year: 2000

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	11	86	16	34	16	100	132	127	0	0	0	0
2	17	90	16	30	17	105	135	127	0	0	0	0
3	23	89	15	44	17	101	135	129	0	0	0	0
4	22	95	10	45	19	107	128	129	0	0	0	0
5	20	83	9	44	24	111	116	126	0	0	0	0
6	0	85	11	35	23	109	111	115	0	0	0	0
7	0	81	15	30	23	117	83	106	0	0	0	0
8	0	83	17	28	40	119	77	95	0	0	0	0
9	0	73	17	29	45	120	68	79	0	0	0	0
10	0	74	17	30	43	108	54	69	0	0	0	0
11	0	71	17	26	43	104	61	50	0	0	0	0
12	0	60	17	22	41	103	73	53	0	0	0	0
13	0	49	23	19	37	95	85	66	0	0	0	0
14	0	40	32	23	37	89	89	71	0	0	0	0
15	0	45	32	20	46	81	95	71	0	0	0	0
16	0	37	32	23	54	76	100	79	0	0	0	0
17	0	31	29	32	40	67	122	94	0	0	0	0
18	4	23	27	37	35	60	142	77	0	0	0	0
19	14	16	27	37	34	50	138	73	0	0	0	0
20	16	13	23	34	23	45	123	65	0	0	0	0
21	54	19	0	23	20	56	116	44	0	0	0	0
22	64	15	0	21	16	63	98	35	0	0	0	0
23	64	14	0	25	17	66	90	41	0	0	0	0
24	55	13	0	33	19	67	93	36	0	0	0	0
25	60	15	20	35	26	74	88	29	0	0	0	0
26	61	10	28	32	34	81	87	0	0	0	0	0
27	76	11	42	25	30	89	71	0	0	0	0	0
28	83	13	44	26	38	112	58	0	0	0	0	0
29	76	16	44	18	40	126	64	0	0	0	0	0
30	64	-	42	15	39	133	73	0	0	0	0	0
31	57	-	42	-	56	-	97	0	-	0	-	3
TOTAL	841	1,350	664	875	992	2,734	3,002	1,986	0	0	0	3
MAXIMUM DAY	83	95	44	45	56	133	142	129	0	0	0	3
MINIMUM DAY	0	10	0	15	16	45	54	0	0	0	0	0
MEAN	27	47	21	29	32	91	97	64	0	0	0	0
TOTAL AC. FT.	1,668	2,678	1,317	1,736	1,968	5,423	5,954	3,939	0	0	0	6

WHOLE YEAR:- TOTAL, 12,447 MAX., 142 MIN., 0 MEAN, 34 TOTAL AC.FT., 24,689

KERN DELTA WATER DISTRICT

BUENA VISTA CANAL SERVICE AREA

Quantities in acre-feet

Year: 2000

		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
Kern River Entitlement	+	914	3,223	333	1,309	2,802	1,515	0	0	0	0	0	0	10,096
Release	+ or -	208	(788)	740	(145)	22	12	0	0	304	1,226	22	26	1,627
Entitlement + or - Releases	=	**1,122**	**2,435**	**1,073**	**1,164**	**2,824**	**1,527**	**0**	**0**	**304**	**1,226**	**22**	**26**	**11,723**
Into Storage	-	10	638	276	1,164	2,824	121	0	0	304	1,226	22	20	6,605
From Storage	+	0	0	0	0	0	926	3,300	1,805	0	0	0	0	6,031
Via Cawelo Water District	-	0	0	0	0	0	0	0	0	0	0	0	0	0
Via North Kern WSD	-	0	0	153	0	0	0	0	0	0	0	0	0	153
Other	+ or -	0	0	0	0	0	0	0	0	0	0	0	0	0
Transfer in Storage	+ or -	0	0	0	0	0	0	0	0	0	0	0	0	0
Carrier Canal Loss	-	291	220	0	0	0	0	0	0	0	0	0	0	511
Diverted at Head of Canal	=	**821**	**1,577**	**644**	**0**	**0**	**2,332**	**3,300**	**1,805**	**0**	**0**	**0**	**6**	**10,485**
From Cawelo Water District	+	0	0	0	0	0	0	0	0	0	0	0	0	0
From North Kern WSD	+	0	0	153	0	0	0	0	0	0	0	0	0	153
Total Utility Supply	=	**821**	**1,577**	**797**	**0**	**0**	**2,332**	**3,300**	**1,805**	**0**	**0**	**0**	**6**	**10,638**
Utility Deliveries		488	1,115	284	0	0	1,778	2,691	1,497	0	0	0	0	7,853
Contract Deliveries		0	0	0	0	0	0	0	0	0	0	0	0	0
Total Irrigation Deliveries	-	**488**	**1,115**	**284**	**0**	**0**	**1,778**	**2,691**	**1,497**	**0**	**0**	**0**	**0**	**7,853**
Canal Conveyance Losses	=	333	462	513	0	0	554	609	308	0	0	0	6	2,785
Delivery Percentage		59%	71%	36%	0%	0%	76%	82%	83%	0%	0%	0%	0%	74%

Into Reservoir Storage		10	638	276	1,164	2,824	121	0	0	304	1,226	22	20	6,605
Reservoir Evaporation Loss		10	8	24	52	111	154	127	16	6	24	22	20	574
From Reservoir Storage		0	0	0	0	0	926	3,300	1,805	0	0	0	0	6,031
End of Month Reservoir Storage		**1,500**	**2,130**	**2,382**	**3,494**	**6,207**	**5,248**	**1,821**	**0**	**298**	**1,500**	**1,500**	**1,500**	

State Exchange Diverted		0	0	488	1,627	1,587	1,811	1,363	1,125	0	0	0	0	8,001
State Exchange Delivered		0	0	192	797	804	1,515	1,099	764	0	0	0	0	5,171
Friant-Kern Floodwater Diverted		0	0	0	0	0	0	0	0	0	0	0	0	0
Friant-Kern Floodwater Delivered		0	0	0	0	0	0	0	0	0	0	0	0	0
Arvin-Edison Payback Diverted		0	0	0	0	0	0	0	0	0	0	0	0	0
Arvin-Edison Payback Delivered		0	0	0	0	0	0	0	0	0	0	0	0	0
City of Bakersfield via Buena Vista		0	0	0	0	0	0	0	0	0	0	0	0	0

KERN DELTA WATER DISTRICT
BUENA VISTA CANAL
DISTRIBUTION OF WATER

Quantities in acre-feet

Year: 2000

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
Buena Vista Canal at Headworks	1,668	2,678	1,317	1,736	1,968	5,423	5,954	3,939	0	0	0	6	24,689
Buena Vista Canal from Maples Canal	0	0	0	0	22	331	280	113	0	0	0	0	746
TOTAL BUENA VISTA CANAL SUPPLY	**1,668**	**2,678**	**1,317**	**1,736**	**1,990**	**5,754**	**6,234**	**4,052**	**0**	**0**	**0**	**6**	**25,435**
Deliveries: Head to Section 17													
Buena Vista Utility	38	292	284	0	0	1,159	1,763	751	0	0	0	0	4,287
Buena Vista State Exchange	0	0	162	662	675	367	407	621	0	0	0	0	2,894
Stine Utility	0	0	0	0	0	54	69	0	0	0	0	0	123
Sub-Total	**38**	**292**	**446**	**662**	**675**	**1,580**	**2,239**	**1,372**	**0**	**0**	**0**	**0**	**7,304**
Deliveries: At or Below Section 17													
Buena Vista Utility	450	823	0	0	0	619	928	746	0	0	0	0	3,566
Buena Vista State Exchange	0	0	30	135	129	1,148	692	143	0	0	0	0	2,277
Stine Utility	0	0	0	0	0	0	0	0	0	0	0	0	0
Stine State Exchange	0	0	0	0	0	0	0	0	0	0	0	0	0
Kern Island Utility	670	924	0	44	316	1,410	1,409	842	0	0	0	0	5,615
Kern Island State Exchange	0	0	32	46	0	0	0	196	0	0	0	0	274
Sub-Total	**1,120**	**1,747**	**62**	**225**	**445**	**3,177**	**3,029**	**1,927**	**0**	**0**	**0**	**0**	**11,732**
TOTAL DELIVERED	**1,158**	**2,039**	**508**	**887**	**1,120**	**4,757**	**5,268**	**3,299**	**0**	**0**	**0**	**0**	**19,036**
Canal Conveyance Losses	510	639	809	849	870	997	966	753	0	0	0	6	6,399
Delivery Percentage	69%	76%	39%	51%	56%	83%	85%	81%	0%	0%	0%	0%	75%
DISTRIBUTION:													
Buena Vista Utility	821	1,577	797	0	0	2,332	3,300	1,805	0	0	0	6	10,638
Buena Vista State Exchange	0	0	488	1,627	1,587	1,811	1,363	1,125	0	0	0	0	8,001
Stine Utility	0	0	0	0	0	54	69	0	0	0	0	0	123
Stine State Exchange	0	0	0	0	0	0	0	0	0	0	0	0	0
Kern Island Utility	847	1,101	0	63	403	1,557	1,502	926	0	0	0	0	6,399
Kern Island State Exchange	0	0	32	46	0	0	0	196	0	0	0	0	274
Kern River Floodwater	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	**1,668**	**2,678**	**1,317**	**1,736**	**1,990**	**5,754**	**6,234**	**4,052**	**0**	**0**	**0**	**6**	**25,435**

DISCHARGE IN CUBIC FEET PER SECOND | Total Flow via the Stine Canal Headgate | Year: 2000

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	0	0	0	0	47	152	102	0	0	0	0
2	0	0	0	0	0	68	142	105	0	0	0	0
3	0	0	0	0	0	80	138	110	0	0	0	0
4	0	0	0	0	0	83	138	114	0	0	0	0
5	0	0	0	0	0	95	142	109	0	0	0	0
6	0	0	0	0	0	110	143	110	0	0	0	0
7	0	0	0	0	0	109	131	107	0	0	0	0
8	0	0	0	0	0	103	104	104	0	0	0	0
9	0	0	0	0	0	101	104	100	0	0	0	0
10	0	0	0	0	0	93	113	96	0	0	0	0
11	0	0	0	0	0	89	113	99	0	0	0	0
12	0	0	0	0	0	100	116	84	0	0	0	0
13	0	0	0	0	0	111	113	82	0	0	0	0
14	0	0	0	0	0	109	109	83	0	0	0	0
15	0	0	0	0	0	123	105	78	0	0	0	0
16	0	0	0	0	0	137	112	87	0	0	0	0
17	0	0	0	0	0	139	120	94	0	0	0	0
18	0	0	0	0	0	147	126	93	0	0	0	0
19	0	0	0	0	0	135	126	92	0	0	0	0
20	0	0	0	0	0	137	123	91	0	0	0	0
21	0	0	0	0	0	147	122	88	0	0	0	0
22	0	0	0	0	0	140	112	85	0	0	0	0
23	0	0	0	0	0	124	106	87	0	0	0	0
24	0	0	0	0	0	115	97	82	0	0	0	0
25	0	0	0	0	0	113	100	45	0	0	0	0
26	0	0	0	0	0	129	114	0	0	0	0	0
27	0	0	0	0	0	141	119	0	0	0	0	0
28	0	0	0	0	0	144	118	0	0	0	0	0
29	0	0	0	0	4	135	113	0	0	0	0	0
30	0	-	0	0	17	142	113	0	0	0	0	0
31	0	-	0	-	31	-	105	0	-	0	-	0
TOTAL	0	0	0	0	52	3,446	3,689	2,327	0	0	0	0
MAXIMUM DAY	0	0	0	0	31	147	152	114	0	0	0	0
MINIMUM DAY	0	0	0	0	0	47	97	0	0	0	0	0
MEAN	0	0	0	0	2	115	119	75	0	0	0	0
TOTAL AC. FT.	0	0	0	0	103	6,835	7,317	4,616	0	0	0	0

WHOLE YEAR:- TOTAL, 9,514 MAX., 152 MIN., 0 MEAN, 26 TOTAL AC.FT., 18,871

KERN DELTA WATER DISTRICT
STINE CANAL SERVICE AREA

Quantities in acre-feet

Year: 2000

		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
River Entitlement	+	529	3,606	611	2,468	4,011	2,851	0	0	0	0	0	0	14,076
Release	+ or -	(40)	(2,693)	(91)	(274)	0	0	0	0	0	153	93	2	(2,850)
Entitlement + or - Releases	=	**489**	**913**	**520**	**2,194**	**4,011**	**2,851**	**0**	**0**	**0**	**153**	**93**	**2**	**11,226**
Into Storage	-	489	913	520	2,194	3,908	12	0	0	0	153	93	2	8,284
From Storage	+	0	0	0	0	0	1,781	4,367	1,347	0	0	0	0	7,495
Via North Kern WSD	-	0	0	0	0	0	0	0	0	0	0	0	0	0
Via Cawelo Water District	-	0	0	0	0	0	0	0	0	0	0	0	0	0
Transfer in Storage	+ or -	0	0	0	0	0	0	0	0	0	0	0	0	0
Carrier Canal Loss	-	0	0	0	0	0	0	0	0	0	0	0	0	0
Other	+ or -	0	0	0	0	0	0	0	0	0	0	0	0	0
Diverted at Head of Canal	=	**0**	**0**	**0**	**0**	**103**	**4,620**	**4,367**	**1,347**	**0**	**0**	**0**	**0**	**10,437**
From Cawelo Water District	+	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Utility Supply	=	**0**	**0**	**0**	**0**	**103**	**4,620**	**4,367**	**1,347**	**0**	**0**	**0**	**0**	**10,437**
Utility Deliveries		0	0	0	0	0	2,791	2,393	719	0	0	0	0	5,903
Contract Deliveries		0	0	0	0	0	0	0	0	0	0	0	0	0
Total Irrigation Deliveries	-	**0**	**0**	**0**	**0**	**0**	**2,791**	**2,393**	**719**	**0**	**0**	**0**	**0**	**5,903**
Canal Conveyance Losses	=	0	0	0	0	103	1,829	1,974	628	0	0	0	0	4,534
Delivery Percentage		0%	0%	0%	0%	0%	60%	55%	53%	0%	0%	0%	0%	57%

Into Reservoir Storage		489	913	520	2,194	3,908	12	0	0	0	153	93	2	8,284
Reservoir Evaporation Loss		0	4	16	52	143	197	119	10	0	0	4	4	549
From Reservoir Storage		0	0	0	0	0	1,781	4,367	1,347	0	0	0	0	7,495
End of Month Reservoir Storage		**489**	**1,398**	**1,902**	**4,044**	**7,809**	**5,843**	**1,357**	**0**	**0**	**153**	**242**	**240**	

State Exchange Diverted		0	0	891	1,864	0	26	0	1,510	0	0	0	0	4,291
State Exchange Delivered		0	0	349	939	0	26	0	748	0	0	0	0	2,062
Arvin-Edison Payback Diverted		0	0	0	230	1,186	0	0	0	0	0	0	0	1,416
Arvin-Edison Payback Delivered		0	0	0	117	719	0	0	0	0	0	0	0	836
Arvin-Edison 2000 Exchange Diverted		0	0	0	0	1,424	0	0	0	0	0	0	0	1,424
Arvin-Edison 2000 Exchange Delivered		0	0	0	0	1,042	0	0	0	0	0	0	0	1,042
City of Bakersfield via Stine		0	0	0	0	0	0	0	0	0	0	0	0	0

KERN DELTA WATER DISTRICT
FARMERS CANAL SERVICE AREA

Quantities in acre-feet

Year: 2000

		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
River Entitlement	+	121	1,170	605	2,468	4,011	2,787	0	0	0	0	0	0	11,162
Release	+ or -	(20)	(543)	(91)	(274)	(149)	(284)	0	0	0	0	0	0	(1,361)
Entitlement + or - Releases	=	**101**	**627**	**514**	**2,194**	**3,862**	**2,503**	**0**	**0**	**0**	**0**	**0**	**0**	**9,801**
Into Storage	-	101	492	514	2,194	2,868	125	0	0	0	0	0	0	6,294
From Storage	+	0	0	0	0	0	904	3,725	1,214	0	0	0	0	5,843
Transfer in Storage	+ or -	0	0	0	0	0	0	0	0	0	0	0	0	0
Carrier Canal Loss	-	0	0	0	0	0	0	0	0	0	0	0	0	0
Other	+ or -	0	0	0	0	0	0	0	0	0	0	0	0	0
Diverted at Head of Canal	=	**0**	**135**	**0**	**0**	**994**	**3,282**	**3,725**	**1,214**	**0**	**0**	**0**	**0**	**9,350**
Utility Deliveries		0	75	0	0	707	2,504	2,648	890	0	0	0	0	6,824
Contract Deliveries		0	0	0	0	0	0	0	0	0	0	0	0	0
Total Irrigation Deliveries	-	**0**	**75**	**0**	**0**	**707**	**2,504**	**2,648**	**890**	**0**	**0**	**0**	**0**	**6,824**
Canal Conveyance Losses	=	0	60	0	0	287	778	1,077	324	0	0	0	0	2,526
Delivery Percentage		0%	56%	0%	0%	71%	76%	71%	73%	0%	0%	0%	0%	73%

Into Reservoir Storage		101	492	514	2,194	2,868	125	0	0	0	0	0	0	6,294
Reservoir Evaporation Loss		0	2	8	38	121	161	107	14	0	0	0	0	451
From Reservoir Storage		0	0	0	0	0	904	3,725	1,214	0	0	0	0	5,843
End of Month Reservoir Storage		**101**	**591**	**1,097**	**3,253**	**6,000**	**5,060**	**1,228**	**0**	**0**	**0**	**0**	**0**	

State Exchange Diverted	0	14	1,038	954	0	0	0	1,212	0	0	0	0	3,218
State Exchange Delivered	0	14	626	554	0	0	0	859	0	0	0	0	2,053
Arvin-Edison Payback Diverted	0	0	0	145	781	0	0	0	0	0	0	0	926
Arvin-Edison Payback Delivered	0	0	0	145	567	0	0	0	0	0	0	0	712
Arvin-Edison 2000 Exchange Diverted	0	0	0	0	286	0	0	0	0	0	0	0	286
Arvin-Edison 2000 Exchange Delivered	0	0	0	0	242	0	0	0	0	0	0	0	242

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

DISCHARGE IN CUBIC FEET PER SECOND

Year: 2000

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	0	0	0	0	16	9	12	0	0	0	0
2	0	0	0	0	0	12	7	9	0	0	0	0
3	0	0	0	0	0	13	5	9	0	0	0	0
4	0	0	0	0	0	13	5	9	0	0	0	0
5	0	0	0	0	0	14	9	9	0	0	0	0
6	0	0	0	0	0	12	12	9	0	0	0	0
7	0	0	0	0	0	13	10	0	0	0	0	0
8	0	0	0	0	0	13	10	0	0	0	0	0
9	0	0	0	0	0	10	0	0	0	0	0	0
10	0	0	0	0	0	10	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	13	0	0	0	0	0
17	0	0	0	0	0	0	12	0	0	0	0	0
18	0	0	0	0	0	0	10	0	0	0	0	0
19	0	0	0	0	0	0	9	0	0	0	0	0
20	0	0	0	0	0	0	10	0	0	0	0	0
21	0	0	0	0	0	0	10	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	2	0	0	0	0	0	0
27	0	0	0	0	0	11	0	0	0	0	0	0
28	0	0	0	0	0	11	0	0	0	0	0	0
29	0	0	0	0	0	9	0	0	0	0	0	0
30	0	-	0	0	0	8	0	0	0	0	0	0
31	0	-	0	-	11	-	10	0	-	0	-	0
TOTAL	0	0	0	0	11	167	141	57	0	0	0	0
MAXIMUM DAY	0	0	0	0	11	16	13	12	0	0	0	0
MINIMUM DAY	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	6	5	2	0	0	0	0
TOTAL AC. FT.	0	0	0	0	22	331	280	113	0	0	0	0

WHOLE YEAR:- TOTAL, 376 MAX., 16 MIN., 0 MEAN, 1 TOTAL AC.FT., 746

DISCHARGE IN CUBIC FEET PER SECOND — Kern Delta Water District Diverted to Improvement District No. 4 — Year: 2000

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	24	0	0	0	0	0	0	0	0	0	0
2	0	36	0	0	0	0	0	0	0	0	0	0
3	0	33	0	0	0	0	0	0	0	0	0	0
4	0	33	0	0	0	0	0	0	0	0	0	0
5	0	33	0	0	0	0	0	0	0	0	0	0
6	29	28	0	0	0	0	0	0	0	0	0	0
7	28	0	0	0	0	0	0	0	0	0	0	0
8	28	0	0	0	0	0	0	0	0	0	0	0
9	29	0	0	0	0	0	0	0	0	0	0	0
10	38	0	0	0	0	0	0	0	0	0	0	0
11	31	27	0	0	0	0	0	0	0	0	0	0
12	31	28	0	0	0	0	0	0	0	0	0	0
13	30	27	0	0	0	0	0	0	0	0	0	0
14	30	0	0	0	0	0	0	0	0	0	0	0
15	30	0	0	0	0	0	0	0	0	0	0	0
16	28	0	0	0	0	0	0	0	0	0	0	0
17	31	0	0	0	0	0	0	0	0	0	0	0
18	31	0	0	0	0	0	0	0	0	0	0	0
19	32	0	0	0	0	0	0	0	0	0	0	0
20	31	0	0	0	0	0	0	0	0	0	0	0
21	32	0	0	0	0	0	0	0	0	0	0	0
22	33	0	0	0	0	0	0	0	0	0	0	0
23	33	0	0	0	0	0	0	0	0	0	0	0
24	36	0	0	0	0	0	0	0	0	0	0	0
25	25	0	0	0	0	0	0	0	0	0	0	0
26	20	0	0	0	0	0	0	0	0	0	0	0
27	26	0	0	0	0	0	0	0	0	0	0	0
28	23	0	0	0	0	0	0	0	0	0	0	0
29	36	0	0	0	0	0	0	0	0	0	0	0
30	24	-	0	0	0	0	0	0	0	0	0	0
31	30	-	0	-	0	-	0	0	-	0	-	0
TOTAL	775	269	0	0	0	0	0	0	0	0	0	0
MAXIMUM DAY	38	36	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	25	9	0	0	0	0	0	0	0	0	0	0
TOTAL AC. FT.	1,537	533	0	0	0	0	0	0	0	0	0	0

WHOLE YEAR:- TOTAL, 1,044 MAX., 38 MIN., 0 MEAN, 3 TOTAL AC.FT., 2,070

DISCHARGE IN CUBIC FEET PER SECOND — Kern Delta Water District Diverted via North Kern Water Storage District — Year: 2000

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	0	0	9	0	0	0	0	0	0	0	0
2	0	0	0	3	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	27	0	0	0	0	0	0	0	0	0
19	0	0	27	0	0	0	0	0	0	0	0	0
20	0	0	23	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	20	0	0	0	0	0	0	0	0	0
26	0	0	28	0	0	0	0	0	0	0	0	0
27	0	0	42	0	0	0	0	0	0	0	0	0
28	0	0	44	0	0	0	0	0	0	0	0	0
29	0	0	44	0	0	0	0	0	0	0	0	0
30	0	-	25	0	0	0	0	0	0	0	0	0
31	0	-	12	-	0	-	0	0	-	0	-	0
TOTAL	0	0	292	12	0	0	0	0	0	0	0	0
MAXIMUM DAY	0	0	44	9	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	9	0	0	0	0	0	0	0	0	0
TOTAL AC. FT.	0	0	580	24	0	0	0	0	0	0	0	0

WHOLE YEAR:- TOTAL, 304 MAX., 44 MIN., 0 MEAN, 1 TOTAL AC.FT., 604

KERN DELTA WATER DISTRICT

State Aqueduct Exchange Diversion and Storage Recapitulation

Quantities in acre-feet

Year: 2000

		Kern Island	Eastside	East of Kern Island	Buena Vista	Stine	Farmers	Pioneer Project	For ID4	Via A-EWSD	Carrier Loss	Reservoir Loss	Total	Storage Balance
														2,476
	November	24	470	46	0	0	0	0	0	0	0	0	540	1,936
	December	93	0	16	0	0	0	0	0	0	0	0	109	1,827
1999	January	12	0	61	0	0	0	0	0	0	0	0	73	1,754
Carry	February	14	56	20	0	0	14	0	0	0	0	0	104	1,650
Over	March	125	266	249	0	274	734	0	0	0	0	2	1,650	0
	Total	**268**	**792**	**392**	**0**	**274**	**748**	**0**	**0**	**0**	**0**	**2**	**2,476**	
														22,950
	March	0	0	0	0	0	0	0	0	0	0	0	0	22,950
	April	32	73	63	260	154	181	0	0	0	0	0	763	22,187
	May	576	593	400	1,587	0	0	0	0	0	0	0	3,156	19,031
	June	448	696	494	1,811	26	0	0	0	115	0	0	3,590	15,441
2000	July	687	906	1,144	1,363	0	0	0	0	0	0	0	4,100	11,341
Contract	August	1,618	1,162	813	1,125	1,510	1,212	0	0	0	0	0	7,440	3,901
	September	105	1,307	244	0	0	0	0	0	0	0	0	1,656	2,245
	October	0	676	87	0	0	0	0	0	0	0	0	763	1,482
	November	0	0	0	0	0	0	0	0	0	0	0	0	1,482
	Total	**3,466**	**5,413**	**3,245**	**6,146**	**1,690**	**1,393**	**0**	**0**	**115**	**0**	**0**	**21,468**	
														1,482
2000	November	0	135	32	0	0	0	0	0	0	0	0	167	1,315
Carry	December	0	0	8	0	0	0	0	0	0	0	0	8	1,307
Over	**Total**	**0**	**135**	**40**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**175**	

KERN DELTA WATER DISTRICT

1990 State Pool Payback Diversion Recapitulation

Quantities in acre-feet

Year: 2000

	Kern Island	Eastside	East of Kern Island	Buena Vista	Stine	Farmers	Total	Payback Balance 6,571
January	0	0	0	0	0	0	0	6,571
February	0	0	0	0	0	0	0	6,571
March	155	71	171	488	617	304	1,806	4,765
April	298	317	300	1,367	1,710	773	4,765	0
May	0	0	0	0	0	0	0	0
June	0	0	0	0	0	0	0	0
July	0	0	0	0	0	0	0	0
August	0	0	0	0	0	0	0	0
September	0	0	0	0	0	0	0	0
October	0	0	0	0	0	0	0	0
November	0	0	0	0	0	0	0	0
December	0	0	0	0	0	0	0	0
Total	**453**	**388**	**471**	**1,855**	**2,327**	**1,077**	**6,571**	

KERN DELTA WATER DISTRICT

Arvin-Edison WSD 1993 Water Exchange Recapitulation

Quantities in acre-feet

Year: 2000

	Kern Island	Eastside	East of Kern Island	Buena Vista	Stine	Farmers	Transportation Loss	Total	Payback Balance 2,484
January	0	0	0	0	0	0	0	0	2,484
February	0	0	0	0	0	0	0	0	2,484
March	0	0	0	0	0	0	6	6	2,478
April	10	0	0	0	230	145	46	431	2,047
May	20	0	60	0	1,186	781	0	2,047	0
June	0	0	0	0	0	0	0	0	0
July	0	0	0	0	0	0	0	0	0
August	0	0	0	0	0	0	0	0	0
September	0	0	0	0	0	0	0	0	0
October	0	0	0	0	0	0	0	0	0
November	0	0	0	0	0	0	0	0	0
December	0	0	0	0	0	0	0	0	0
Total	**30**	**0**	**60**	**0**	**1,416**	**926**	**52**	**2,484**	

DISCHARGE IN CUBIC FEET PER SECOND — Kern Delta WD Diverted via Arvin-Edison Turnout — Year: 2000

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	0	0	35	0	0	27	32	0	0	0	0
2	0	0	0	29	0	0	26	0	0	0	0	0
3	0	0	0	33	0	0	30	0	0	0	0	0
4	0	0	0	42	0	0	30	0	0	0	0	0
5	0	0	0	48	0	0	31	0	0	0	0	0
6	0	0	0	33	0	0	29	0	0	0	0	0
7	0	0	0	37	0	0	29	0	0	0	0	0
8	0	0	0	38	0	0	30	0	0	0	0	0
9	0	0	0	41	0	0	32	0	0	0	0	0
10	0	0	0	52	0	0	29	0	0	0	0	0
11	0	0	0	54	0	0	33	0	0	0	0	0
12	0	0	0	59	0	7	32	0	0	0	0	0
13	0	0	0	53	0	42	32	0	0	0	0	0
14	0	0	0	55	0	9	30	0	0	0	0	0
15	0	0	0	49	0	0	29	0	0	0	0	0
16	0	0	0	43	0	0	26	0	0	0	0	0
17	0	0	0	42	0	0	29	0	0	0	0	0
18	0	0	0	42	0	0	30	0	0	0	0	0
19	0	0	0	41	0	0	30	0	0	0	0	0
20	0	0	0	41	0	0	30	0	0	0	0	0
21	0	0	0	48	0	0	29	0	0	0	0	0
22	0	0	0	47	0	0	31	0	0	0	0	0
23	0	0	0	41	0	0	29	0	0	0	0	0
24	0	0	0	40	0	0	31	0	0	0	0	0
25	0	0	0	31	0	0	29	0	0	0	0	0
26	0	0	0	40	0	0	29	0	0	0	0	0
27	0	0	0	38	0	0	28	0	0	0	0	0
28	0	0	6	0	0	23	28	0	0	0	0	0
29	0	0	35	0	0	29	28	0	0	0	0	0
30	0	-	59	0	0	27	28	0	0	0	0	0
31	0	-	47	-	0	-	29	0	-	0	-	0
TOTAL	0	0	147	1,152	0	137	913	32	0	0	0	0
MAXIMUM DAY	0	0	59	59	0	42	33	32	0	0	0	0
MINIMUM DAY	0	0	0	0	0	0	26	0	0	0	0	0
MEAN	0	0	5	38	0	5	29	1	0	0	0	0
TOTAL AC. FT.	0	0	292	2,285	0	272	1,811	63	0	0	0	0

WHOLE YEAR:- TOTAL, 2,381 MAX., 59 MIN., 0 MEAN, 7 TOTAL AC.FT., 4,723

Arvin-Edison WSD Diverted to Kern Delta WD

DISCHARGE IN CUBIC FEET PER SECOND (Delivered as per terms of May 27, 2000 Water Banking Agreement) **Year: 2000**

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	0	0	0	0	58	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	84	0	0	0	0	0	0	0
18	0	0	0	0	91	0	0	0	0	0	0	0
19	0	0	0	0	88	0	0	0	0	0	0	0
20	0	0	0	0	89	0	0	0	0	0	0	0
21	0	0	0	0	80	0	0	0	0	0	0	0
22	0	0	0	0	86	0	0	0	0	0	0	0
23	0	0	0	0	87	0	0	0	0	0	0	0
24	0	0	0	0	94	0	0	0	0	0	0	0
25	0	0	0	0	95	0	0	0	0	0	0	0
26	0	0	0	0	100	0	0	0	0	0	0	0
27	0	0	0	0	103	0	0	0	0	0	0	0
28	0	0	0	0	97	0	0	0	0	0	0	0
29	0	0	0	0	103	0	0	0	0	0	0	0
30	0	-	0	0	105	0	0	0	0	0	0	0
31	0	-	0	-	102	-	0	0	-	0	-	0
TOTAL	0	0	0	0	1,404	58	0	0	0	0	0	0
MAXIMUM DAY	0	0	0	0	105	58	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	45	2	0	0	0	0	0	0
TOTAL AC. FT.	0	0	0	0	2,785	115	0	0	0	0	0	0

WHOLE YEAR:- TOTAL, 1,462 MAX., 105 MIN., 0 MEAN, 4 TOTAL AC.FT., 2,900

KERN DELTA WATER DISTRICT

Arvin-Edison WSD 2000 Water Banking Recapitulation

Quantities in acre-feet

Year: 2000

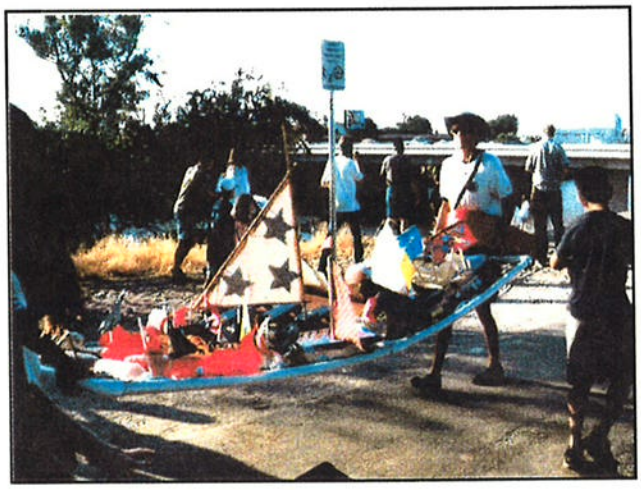
	Arvin-Edison WSD Diverted to Kern Delta WD									Kern Delta WD Diverted to Arvin-Edison WSD					Exchange Balance
	Kern Island	Eastside	East of Kern Island	Buena Vista	Stine	Farmers	**Subtotal**	Transportation Loss	**Total**	A-EWSD Turnout	Pioneer Property	Transportation Loss	Other	**Total**	0
January	0	0	0	0	0	0	**0**	0	**0**	0	0	0	0	**0**	0
February	0	0	0	0	0	0	**0**	0	**0**	0	0	0	0	**0**	0
March	0	0	0	0	0	0	**0**	0	**0**	0	0	0	0	**0**	0
April	0	0	0	0	0	0	**0**	0	**0**	0	0	0	0	**0**	0
May	1,075	0	0	0	1,424	286	**2,785**	0	**2,785**	0	0	0	0	**0**	(1,857)
June	115	0	0	0	0	0	**115**	3	**118**	115	0	0	0	**115**	(1,821)
July	0	0	0	0	0	0	**0**	36	**36**	0	0	0	0	**0**	(1,857)
August	0	0	0	0	0	0	**0**	1	**1**	0	0	0	0	**0**	(1,858)
September	0	0	0	0	0	0	**0**	0	**0**	0	0	0	0	**0**	(1,858)
October	0	0	0	0	0	0	**0**	0	**0**	0	0	0	0	**0**	(1,858)
November	0	0	0	0	0	0	**0**	0	**0**	0	0	0	0	**0**	(1,858)
December	0	0	0	0	0	0	**0**	0	**0**	0	0	0	0	**0**	(1,858)
Total	**1,190**	**0**	**0**	**0**	**1,424**	**286**	**2,900**	**40**	**2,940**	**115**	**0**	**0**	**0**	**115**	

Note: Exchange Balance reflects terms of 2000 Water Banking Agreement between Kern Delta WD and Arvin-Edison WSD dated May 27, 2000 (3 for 2 exchange)

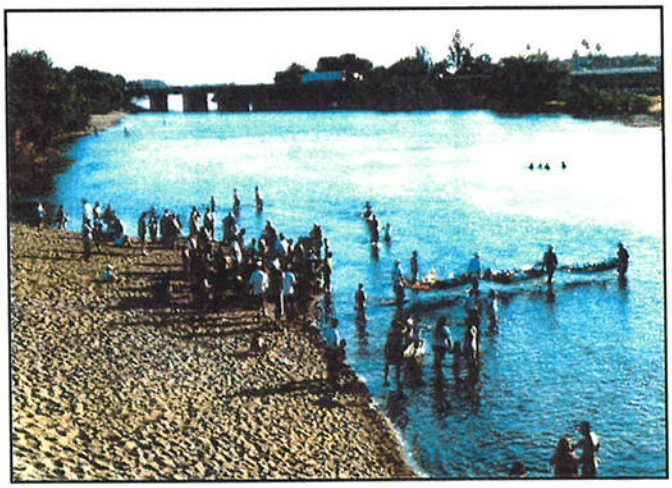
Kern River Parkway

CITY *of* BAKERSFIELD

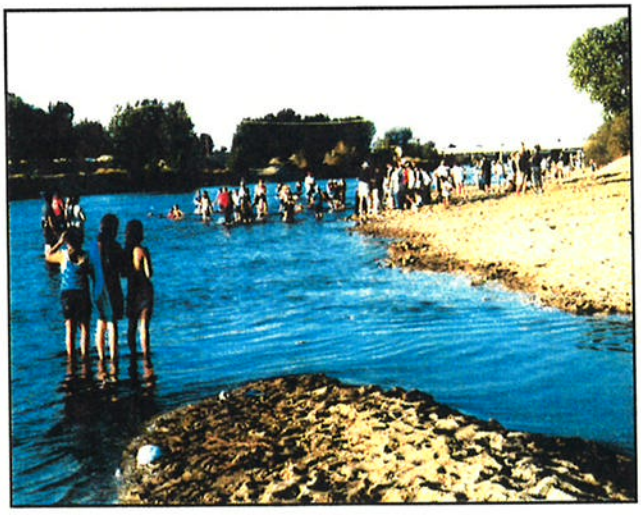
2ND ANNUAL
BAKERSFIELD REGATTA
June 17, 2000



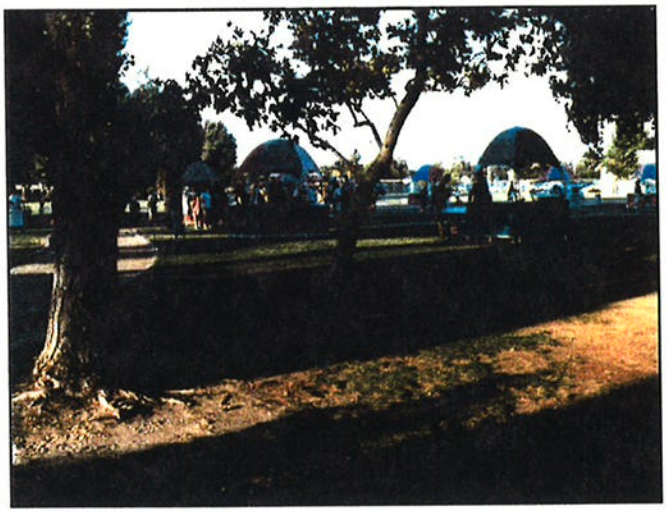
Boating entries being readied for sail



Boat launch from shore of Beach Park

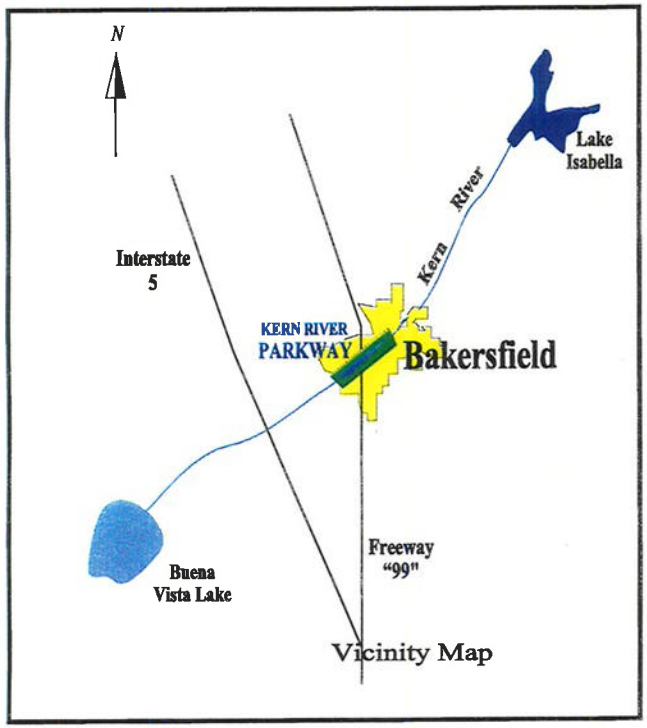


Collecting boats river-side at Yokuts Park



Food, Fun and Entertainment at Yokuts Park

KERN RIVER PARKWAY



Golden State Ave
Riverview Park
Manor St
Panorama Dr
Freeway "99"
KCWA
Metro Recreation Center
Rosedale Hwy
24th St
Beach Park
Coffee Rd
KERN RIVER
Yokuts Park
Truxtun Ave
CITY HALL
Calloway Dr
Truxtun Lake
Truxtun Extension
Oak St
Chester Ave
Union Ave
Educational Study Area
Stockdale Hwy
Gosford Rd
Freeway "99"
Wible Rd
Buena Vista Rd
Old River Rd
CAL-STATE UNIVERSITY

KERN RIVER CHANNEL OPERATIONS

CITY OF BAKERSFIELD

Quantities in acre-feet

Year: 2000

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
+ Kern River at First Point of Measurement	**19,946**	**23,320**	**33,834**	**46,580**	**49,204**	**81,023**	**83,659**	**59,577**	**26,533**	**20,340**	**12,260**	**16,260**	**472,536**
- Computed Loss	676	633	676	655	676	655	676	676	655	676	655	676	7,985
- Beardsley Canal at Head	6,813	5,776	8,414	22,243	26,021	29,316	29,875	22,140	12,040	10,580	5,351	3,620	182,189
- Carrier Canal at Head	7,490	8,493	15,081	15,790	15,959	27,461	26,925	22,574	9,826	5,619	3,273	11,607	170,098
= Rocky Point Weir	**4,967**	**8,418**	**9,663**	**7,892**	**6,548**	**23,591**	**26,183**	**14,187**	**4,012**	**3,465**	**2,981**	**357**	**112,264**
+ Carrier Waste Gate	0	0	0	0	0	0	0	0	0	0	6	0	6
+ Farmers-Stine-Anderson: to River	0	0	20	0	0	0	0	123	22	0	14	2,242	2,421
- Farmers-Stine-Anderson: from River	1,781	3,822	2,364	4,379	1,668	7,444	9,336	3,994	0	0	0	0	34,788
- Calloway Canal at Head	1,416	1,244	1,843	2,471	3,104	3,644	3,860	3,856	3,342	2,971	2,531	2,073	32,355
- River Loss: Rocky Point to Calloway Weir	510	623	704	883	857	964	879	668	660	486	470	526	8,230
= Calloway River Weir	**1,260**	**2,729**	**4,772**	**159**	**919**	**11,539**	**12,108**	**5,792**	**32**	**8**	**0**	**0**	**39,318**
+ CVC T.O. #4 to River	0	125	1,970	2,570	1,418	3,453	3,418	3,739	1,607	40	246	377	18,963
+ CVC T.O. #3 to River	0	1,847	1,014	0	0	1,581	1,861	994	0	0	252	0	7,549
+ Friant-Kern Inflow	0	0	41,504	1,359	24,364	1,686	0	0	0	0	0	0	68,913
- River Canal from River	0	0	1,175	129	10,889	10,043	10,501	5,410	0	0	0	0	38,147
- River Loss: Cally. Weir to River Canal Weir	1,260	4,112	4,990	2,912	2,523	6,182	5,720	4,943	1,174	48	498	377	34,739
= River Canal Weir	**0**	**589**	**43,095**	**1,047**	**13,289**	**2,034**	**1,166**	**172**	**465**	**0**	**0**	**0**	**61,857**
+ Pioneer Turnout	149	474	1,404	160	10,276	0	0	54	0	0	0	22	12,539
+ CVC T.O. #2 to River	0	0	0	0	0	0	0	0	0	0	0	0	0
- Rosedale Channel at Head	0	0	10,116	547	8,731	819	0	0	0	0	0	0	20,213
- Pioneer Canal at Head	0	0	0	0	0	0	0	0	0	0	0	0	0
- Berrenda Mesa Pipeline Turnout	0	0	1,027	0	0	0	0	0	0	0	0	0	1,027
- River Loss: River Canal to Bellevue Weir	149	992	3,062	156	1,948	565	1,071	226	465	0	0	22	8,656
= Flow at Bellevue Weir	**0**	**71**	**30,294**	**504**	**12,886**	**650**	**95**	**0**	**0**	**0**	**0**	**0**	**44,500**
- River Loss: Bellevue Weir to ID#4 Boundary	0	71	1,444	30	740	30	95	0	0	0	0	0	2,410
- River Loss: ID#4 Boundary to 2800 Acres	0	0	1,156	30	698	30	0	0	0	0	0	0	1,914
+ Outflow from Berrenda Mesa Spdg. Grounds	0	0	0	0	0	0	0	0	0	0	0	0	0
+ CVC T.O. #1 to River	0	0	79	524	6,000	68	0	0	0	0	0	0	6,671
+ River Canal Turnout to 2800 Acres	0	0	0	0	0	0	0	0	0	0	0	0	0
- Central Pioneer from 2800 Acres	0	0	1,662	0	5,022	171	0	0	0	0	0	0	6,855
- North Pioneer from 2800 Acres	0	0	9,074	0	0	0	0	0	0	0	0	0	9,074
- River Loss: 2800 Acres to Second Point	0	0	0	0	0	0	0	0	0	0	0	0	0
- 2800 Acre Recharge Facility	0	0	17,037	968	12,426	487	0	0	0	0	0	0	30,918
= Second Point via Kern River Channel	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

CARRIER CANAL OPERATIONS

CITY OF BAKERSFIELD

Quantities in acre-feet

Year: 2000

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
+	**Carrier Canal at Head**	**7,490**	**8,493**	**15,081**	**15,790**	**15,959**	**27,461**	**26,925**	**22,574**	**9,826**	**5,619**	**3,273**	**11,607**	**170,098**
-	Carrier Waste Gate	0	0	0	0	0	0	0	0	0	0	6	0	6
+	Oilfield Discharge	84	0	0	0	0	0	0	0	0	0	0	9	93
-	Canal Refill	0	0	0	0	0	0	0	0	0	0	0	0	0
=	**Carrier Reclamation Weir**	**7,574**	**8,493**	**15,081**	**15,790**	**15,959**	**27,461**	**26,925**	**22,574**	**9,826**	**5,619**	**3,267**	**11,616**	**170,185**
+	Storm Drain Inflow	18	44	61	0	0	0	0	0	0	0	0	0	123
-	Eastside Canal at Head	84	56	1,434	1,662	2,529	3,148	2,858	2,237	1,307	676	135	0	16,126
-	Kern Island Canal at Head	6,746	5,663	12,022	12,648	12,081	22,808	22,399	17,522	8,497	4,943	3,118	9,245	137,692
=	**Levee No. 1**	**762**	**2,818**	**1,686**	**1,480**	**1,349**	**1,505**	**1,668**	**2,815**	**22**	**0**	**14**	**2,371**	**16,490**
-	Farmers-Stine-Anderson: to River	0	0	20	0	0	0	0	123	22	0	14	2,242	2,421
+	Farmers-Stine-Anderson: from River	1,781	3,822	2,364	4,379	1,668	7,444	9,336	3,994	0	0	0	0	34,788
=	**Carrier Canal at Oak Street**	**2,543**	**6,640**	**4,030**	**5,859**	**3,017**	**8,949**	**11,004**	**6,686**	**0**	**0**	**0**	**129**	**48,857**
-	Stine Canal at Head	0	0	0	0	103	6,835	7,317	4,616	0	0	0	0	18,871
-	Carrier to Truxtun Lakes	282	589	526	738	902	859	897	720	0	0	0	0	5,513
+	Truxtun Lakes to Carrier	50	387	359	573	765	633	625	571	0	0	0	0	3,963
-	Arvin-Edison Turnout	0	2,588	292	2,285	0	272	1,811	63	0	0	0	0	7,311
-	Total Carrier Canal Loss	494	698	744	1,009	960	819	863	617	0	0	0	101	6,305
+	River Canal from River	0	0	1,175	129	10,889	10,043	10,501	5,410	0	0	0	0	38,147
=	**River Canal at Stockdale Highway**	**1,817**	**3,152**	**4,002**	**2,529**	**12,706**	**10,840**	**11,242**	**6,651**	**0**	**0**	**0**	**28**	**52,967**
-	Buena Vista Canal at Head	1,668	2,678	1,317	1,736	1,968	5,423	5,954	3,939	0	0	0	6	24,689
-	Pioneer Turnout	149	474	1,404	160	10,276	0	0	54	0	0	0	22	12,539
-	James Canal at Head	0	0	0	0	0	0	0	0	0	0	0	0	0
-	River Canal Boosters	0	0	0	0	0	0	0	0	0	0	0	0	0
=	**River Canal at Alternate Second Point**	**0**	**0**	**1,281**	**633**	**462**	**5,417**	**5,288**	**2,658**	**0**	**0**	**0**	**0**	**15,739**
+	2800 Acre Well Water Production	0	0	0	0	0	0	0	0	0	0	0	0	0
-	River Canal Turnout	0	0	0	0	0	0	0	0	0	0	0	0	0
-	Boswell Turnout	0	0	0	0	0	0	0	0	0	0	0	0	0
-	Kern Delta WD via River Canal	0	0	0	0	22	331	280	113	0	0	0	0	746
-	Rosedale RBWSD via River Canal	0	0	0	0	0	0	0	0	0	0	0	0	0
-	Henry Miller WD via River Canal	0	0	0	0	0	0	0	0	0	0	0	0	0
-	County of Kern	0	0	0	0	0	0	0	0	0	0	0	0	0
=	**Second Point Group Flow via River Canal**	**0**	**0**	**1,281**	**633**	**440**	**5,086**	**5,008**	**2,545**	**0**	**0**	**0**	**0**	**14,993**

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

Quantities in acre-feet

Year: 2000

		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
River Entitlement	+	333	1,131	18,516	18,536	27,239	20,126	5,899	459	0	0	0	0	92,239
Release	+	897	1,522	770	226	99	214	0	0	379	1,225	1,190	476	6,998
ENTITLEMENT + OR - RELEASES	=	**1,230**	**2,653**	**19,286**	**18,762**	**27,338**	**20,340**	**5,899**	**459**	**379**	**1,225**	**1,190**	**476**	**99,237**
NKWSD to City	+	0	3,844	2,408	0	0	0	0	0	0	0	0	114	6,366
From Reservoir Storage	+	95	0	0	0	0	5,925	17,341	20,647	727	343	0	200	45,278
Into Reservoir Storage	-	828	226	7,916	9,799	16,308	7,347	0	0	106	296	2,310	339	45,475
Other	+ or -	0	0	0	150	143	105	60	67	38	0	1,437	4	2,004
TOTAL SUPPLY	=	**497**	**6,271**	**13,778**	**9,113**	**11,173**	**19,023**	**23,300**	**21,173**	**1,038**	**1,272**	**317**	**455**	**107,410**
Lake Ming		16	16	44	60	77	105	127	121	91	65	42	26	790
Kern Valley Golf Course		2	0	8	18	27	32	36	30	23	12	6	4	198
California Water Service Company		36	30	37	72	104	119	134	131	104	80	45	41	933
Olcese Water District		18	7	14	49	107	114	123	125	86	61	28	24	756
Glen Grundeis		0	0	2	0	0	0	0	0	0	2	0	0	4
North Kern WSD (Basic Contract)		0	0	0	0	0	0	10,000	10,000	0	0	0	0	20,000
North Kern WSD (Miscellaneous)		185	476	0	0	0	0	0	0	0	0	0	0	661
North Kern WSD (Borrow/Payback)		0	0	3,540	379	0	6,081	0	0	0	0	0	0	10,000
Cawelo WD (Basic Contract)		0	0	1,613	3,787	5,400	5,400	5,400	5,400	0	0	0	0	27,000
Cawelo WD (Miscellaneous)		242	0	0	0	0	0	0	0	0	0	0	0	242
Kern-Tulare WD (Basic Contract)		0	0	2,375	3,246	3,564	3,525	3,721	3,569	0	0	0	0	20,000
Kern-Tulare WD (Miscellaneous)		0	0	0	0	0	0	0	0	0	0	0	0	0
Rag Gulch WD (Basic Contract)		0	0	357	487	534	529	558	535	0	0	0	0	3,000
Rag Gulch WD (Miscellaneous)		0	0	0	0	0	0	0	0	0	0	0	0	0
Rosedale RBWSD (Basic Contract)		0	5,738	4,262	0	0	0	0	0	0	0	0	0	10,000
Rosedale RBWSD (Miscellaneous)		0	0	758	0	0	0	0	0	0	0	0	0	758
Rosedale Ranch ID		0	0	0	0	0	0	0	0	0	0	0	0	0
Via Kern Island Canal		0	0	0	0	0	0	0	0	0	0	0	0	0
Kern County Water Agency		0	0	0	0	0	0	0	0	0	0	0	0	0
Improvement District No.4		0	0	0	0	0	0	0	0	0	0	0	0	0
Kern Delta Water District (Miscellaneous)		0	0	14	8	93	22	0	36	0	0	0	0	173
Kern River Canal & Irrigating Co.		0	0	0	0	0	0	0	0	733	1,053	196	246	2,228
Truxtun Lakes		0	0	0	0	0	0	0	0	0	0	0	0	0
First Point Passing Second Point		0	0	0	0	0	0	0	0	0	0	0	0	0
2800 Acre Banking		0	0	0	0	0	0	0	0	0	0	0	0	0
River and Carrier Canal Loss		(2)	4	754	1,007	1,267	3,096	3,201	1,226	1	(1)	0	114	10,667
TOTAL DIVERTED	=	**497**	**6,271**	**13,778**	**9,113**	**11,173**	**19,023**	**23,300**	**21,173**	**1,038**	**1,272**	**317**	**455**	**107,410**
Into Reservoir Storage		828	226	7,916	9,799	16,308	7,347	0	0	106	296	2,310	339	45,475
Reservoir Evaporation Loss		48	36	131	365	770	1,039	944	272	74	42	38	48	3,807
From Reservoir Storage		95	0	0	0	0	5,925	17,341	20,647	727	343	0	200	45,278
End of Month Reservoir Storage		**7,306**	**7,496**	**15,281**	**24,715**	**40,253**	**40,636**	**22,351**	**1,432**	**737**	**648**	**2,920**	**3,011**	

CITY OF BAKERSFIELD

STATUS OF LONG TERM CONTRACTS

Quantities in acre-feet

NORTH KERN WATER STORAGE DISTRICT

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

CAWELO WATER DISTRICT

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

KERN-TULARE WATER DISTRICT

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

RAG GULCH WATER DISTRICT

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

CITY OF BAKERSFIELD

Deliveries to Long Term Contractors

Basic Contract

Quantities in acre-feet

Year: 2000

	NORTH KERN WSD		CAWELO WD		KERN-TULARE WD		RAG GULCH WD		MONTH TOTALS	
	Basic	Accum.	Basic	Accum.	Basic	Accum.	Basic	Accum.	Basic	Accum.
January	0	0	0	0	0	0	0	0	0	0
February	0	0	0	0	0	0	0	0	0	0
March	0	0	1,613	1,613	2,375	2,375	357	357	4,345	4,345
April	0	0	3,787	5,400	3,246	5,621	487	844	7,520	11,865
May	0	0	5,400	10,800	3,564	9,185	534	1,378	9,498	21,363
June	0	0	5,400	16,200	3,525	12,710	529	1,907	9,454	30,817
July	10,000	10,000	5,400	21,600	3,721	16,431	558	2,465	19,679	50,496
August	10,000	20,000	5,400	27,000	3,569	20,000	535	3,000	19,504	70,000
September	0	20,000	0	27,000	0	20,000	0	3,000	0	70,000
October	0	20,000	0	27,000	0	20,000	0	3,000	0	70,000
November	0	20,000	0	27,000	0	20,000	0	3,000	0	70,000
December	0	20,000	0	27,000	0	20,000	0	3,000	0	70,000
Year Total	**20,000**		**27,000**		**20,000**		**3,000**		**70,000**	

City of Bakersfield Diverted to North Kern WSD

DISCHARGE IN CUBIC FEET PER SECOND (Basic Contract) Year: 2000

(Does not include deliveries into Isabella Reservoir storage)

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

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

City of Bakersfield Diverted to North Kern WSD

DISCHARGE IN CUBIC FEET PER SECOND (Miscellaneous) Year: 2000

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	19	0	0	0	0	0	0	0	0	0	0
2	0	19	0	0	0	0	0	0	0	0	0	0
3	0	19	0	0	0	0	0	0	0	0	0	0
4	0	19	0	0	0	0	0	0	0	0	0	0
5	0	19	0	0	0	0	0	0	0	0	0	0
6	0	19	0	0	0	0	0	0	0	0	0	0
7	0	18	0	0	0	0	0	0	0	0	0	0
8	0	19	0	0	0	0	0	0	0	0	0	0
9	0	18	0	0	0	0	0	0	0	0	0	0
10	0	17	0	0	0	0	0	0	0	0	0	0
11	0	13	0	0	0	0	0	0	0	0	0	0
12	0	19	0	0	0	0	0	0	0	0	0	0
13	0	22	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	7	0	0	0	0	0	0	0	0	0	0	0
25	2	0	0	0	0	0	0	0	0	0	0	0
26	8	0	0	0	0	0	0	0	0	0	0	0
27	19	0	0	0	0	0	0	0	0	0	0	0
28	19	0	0	0	0	0	0	0	0	0	0	0
29	19	0	0	0	0	0	0	0	0	0	0	0
30	19	-	0	0	0	0	0	0	0	0	0	0
31	0	-	0	-	0	-	0	0	-	0	-	0
TOTAL	93	240	0	0	0	0	0	0	0	0	0	0
MAXIMUM DAY	19	22	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	3	8	0	0	0	0	0	0	0	0	0	0
TOTAL AC. FT.	185	476	0	0	0	0	0	0	0	0	0	0

WHOLE YEAR:- TOTAL, 333 MAX., 22 MIN., 0 MEAN, 1 TOTAL AC.FT., 661

City of Bakersfield Diverted to North Kern WSD

DISCHARGE IN CUBIC FEET PER SECOND (Non-Kern River) Year: 2000

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	4	0	1	0	0	0	0	0	0	0	0
3	0	4	2	2	0	0	0	0	0	0	0	0
4	0	3	2	1	0	0	0	0	0	0	0	0
5	0	2	2	3	0	0	0	0	0	0	0	0
6	0	0	0	2	0	0	0	0	0	0	0	0
7	0	0	1	3	0	0	0	0	0	0	0	0
8	0	0	1	0	0	0	0	0	0	0	0	0
9	0	0	2	0	0	0	0	0	0	0	0	0
10	0	1	1	0	0	0	0	0	0	0	0	0
11	0	3	0	0	0	0	0	0	0	0	0	0
12	0	4	0	0	0	0	0	0	0	0	0	0
13	0	4	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	1
17	0	0	0	0	0	0	0	0	0	0	0	2
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	1
21	0	1	0	0	0	0	0	0	0	0	0	0
22	1	0	0	0	0	0	0	0	0	0	0	0
23	2	0	0	0	0	0	0	0	0	0	0	1
24	0	0	0	0	0	0	0	0	0	0	0	3
25	0	0	0	0	0	0	0	0	0	0	0	1
26	1	0	0	0	0	0	0	0	0	0	0	0
27	2	1	0	0	0	0	0	0	0	0	0	0
28	4	1	0	0	0	0	0	0	0	0	0	0
29	7	0	0	0	0	0	0	0	0	0	0	0
30	7	-	0	0	0	0	0	0	0	0	0	0
31	0	-	0	-	0	-	0	0	-	0	-	0
TOTAL	24	28	11	12	0	0	0	0	0	0	0	9
MAXIMUM DAY	7	4	2	3	0	0	0	0	0	0	0	3
MINIMUM DAY	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	1	1	0	0	0	0	0	0	0	0	0	0
TOTAL AC. FT.	47	56	22	24	0	0	0	0	0	0	0	18

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

CAWELO WATER DISTRICT OPERATIONS

Quantities in acre-feet

Year: 2000

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
+ Cawelo WD via Pump Station "B"		**252**	**317**	**1,500**	**4,187**	**8,194**	**11,685**	**11,488**	**9,542**	**4,627**	**3,511**	**839**	**295**	**56,437**
Lerdo Delivery Gate No. 8-0-1	+	0	0	0	0	0	0	0	0	0	0	0	0	0
Lerdo Delivery Gate No. 8-0-2	+	0	0	0	0	0	0	0	0	0	0	0	0	0
Lerdo Delivery Gate No. 8-0-10	+	0	0	0	0	0	117	143	52	0	42	0	0	354
Lerdo Delivery Gate No. 8-0-15	+	0	0	0	0	0	0	0	0	0	0	0	0	0
Lerdo Delivery Gate No. 8-0-22	+	0	0	32	131	174	254	187	153	0	0	0	0	931
Lerdo Delivery Gate No. 8-0-25	+	0	24	0	18	67	79	87	77	16	26	34	0	428
Lerdo Delivery Gate No. 8-0-100	+	0	0	12	10	8	4	4	12	12	8	0	0	70
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	14	37	91	149	159	190	143	75	75	26	2	961
Lerdo Delivery Gate No. 8-0-291	+	2	24	34	95	143	166	212	147	107	79	26	2	1,037
Lerdo Delivery Gate No. 8-0-292	+	0	0	2	0	8	10	12	10	6	6	2	0	56
Lerdo Delivery Gate No. 8-23-006	+	0	0	0	107	167	214	232	159	75	0	94	0	1,048
+ Total Lerdo Gate Deliveries	=	**2**	**62**	**117**	**452**	**716**	**1,003**	**1,067**	**753**	**291**	**236**	**182**	**4**	4,885
Beardsley Canal Loss	+	10	30	48	60	61	60	61	61	60	61	42	18	572
Lerdo Loss	+	2	4	17	52	97	135	135	111	52	40	12	2	659
+ Total Loss	=	12	34	65	112	158	195	196	172	112	101	54	20	1,231
= Total Diverted for Cawelo WD		**266**	**413**	**1,682**	**4,751**	**9,068**	**12,883**	**12,751**	**10,467**	**5,030**	**3,848**	**1,075**	**319**	**62,553**

Cawelo Water District Source of Supply:

+ City of Bakersfield Basic Contract		0	0	1,613	3,787	5,400	5,400	5,400	5,400	0	0	0	0	27,000
+ City of Bakersfield Miscellaneous		242	0	0	0	0	0	0	0	0	0	0	0	242
+ City of Bakersfield Non-Kern River		24	48	69	24	0	0	0	0	0	8	26	2	201
+ Kern River Canal & Irrigating Company		0	0	0	0	0	0	0	0	0	0	0	0	0
+ Buena Vista WSD Exchange		0	60	0	940	3,668	7,483	7,351	5,067	4,859	3,840	1,049	317	34,634
+ Buena Vista WSD Purchase		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	305	0	0	0	0	0	0	0	0	0	0	305
+ Kern Delta Water District 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	171	0	0	0	171
+ North Kern WSD Non-Kern River		0	0	0	0	0	0	0	0	0	0	0	0	0
= Total Cawelo Water District Supply		**266**	**413**	**1,682**	**4,751**	**9,068**	**12,883**	**12,751**	**10,467**	**5,030**	**3,848**	**1,075**	**319**	**62,553**

DISCHARGE IN CUBIC FEET PER SECOND — Cawelo Water District Total Diverted via Beardsley-Lerdo Canal System — Year: 2000

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	37	8	24	59	127	203	198	213	131	64	27	0
2	37	0	24	56	119	205	215	215	124	73	26	0
3	38	0	0	59	121	214	225	213	120	81	26	0
4	20	0	0	79	129	198	226	211	85	84	27	0
5	0	0	0	84	113	196	233	187	89	90	3	17
6	0	0	24	85	111	182	233	171	67	85	28	17
7	0	7	0	88	101	200	228	181	72	65	24	19
8	0	7	0	91	105	220	197	183	69	66	26	17
9	0	0	0	84	146	214	187	189	68	72	7	0
10	0	0	0	86	150	178	205	176	68	70	6	0
11	0	0	19	127	147	180	211	176	71	70	23	0
12	0	0	21	131	116	217	203	137	70	67	23	17
13	0	0	20	129	84	229	212	138	72	64	24	18
14	0	35	20	87	77	231	216	145	115	66	25	0
15	0	0	37	80	87	236	210	157	146	64	31	0
16	0	0	39	80	128	228	223	175	113	66	49	0
17	0	3	40	84	137	224	215	186	111	69	46	0
18	0	3	37	84	150	213	203	182	116	44	40	0
19	0	22	38	50	154	232	191	175	75	45	39	0
20	0	23	40	50	161	204	191	171	75	42	21	0
21	0	3	44	49	154	205	189	182	66	43	21	0
22	0	24	45	18	158	220	190	181	71	41	0	0
23	0	3	47	18	215	235	175	158	67	50	0	0
24	0	3	37	54	216	233	197	157	65	87	0	0
25	0	22	37	93	195	230	203	142	69	85	0	0
26	0	22	38	83	203	229	210	139	68	81	0	0
27	0	0	40	80	156	229	214	132	70	45	0	0
28	0	0	46	80	150	231	213	132	67	45	0	0
29	0	23	48	125	208	240	208	169	70	44	0	24
30	0	-	41	122	229	239	199	172	66	44	0	24
31	2	-	42	-	225	-	209	132	-	28	-	8
TOTAL	134	208	848	2,395	4,572	6,495	6,429	5,277	2,536	1,940	542	161
MAXIMUM DAY	38	35	48	131	229	240	233	215	146	90	49	24
MINIMUM DAY	0	0	0	18	77	178	175	132	65	28	0	0
MEAN	4	7	27	80	147	217	207	170	85	63	18	5
TOTAL AC. FT.	266	413	1,682	4,751	9,068	12,883	12,751	10,467	5,030	3,848	1,075	319

WHOLE YEAR:- TOTAL, 31,537 MAX., 240 MIN., 0 MEAN, 86 TOTAL AC.FT., 62,553

City of Bakersfield Diverted to Cawelo Water District

DISCHARGE IN CUBIC FEET PER SECOND (Basic Contract) Year: 2000

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	0	23	58	127	203	198	213	0	0	0	0
2	0	0	23	55	119	205	215	215	0	0	0	0
3	0	0	0	58	121	214	225	213	0	0	0	0
4	0	0	0	77	129	198	226	211	0	0	0	0
5	0	0	0	82	113	196	233	187	0	0	0	0
6	0	0	22	82	111	182	233	171	0	0	0	0
7	0	0	0	86	101	200	228	181	0	0	0	0
8	0	0	0	91	105	220	197	183	0	0	0	0
9	0	0	0	84	146	214	187	189	0	0	0	0
10	0	0	0	86	150	178	205	176	0	0	0	0
11	0	0	18	127	147	180	211	176	0	0	0	0
12	0	0	19	131	116	217	203	137	0	0	0	0
13	0	0	18	129	84	229	162	138	0	0	0	0
14	0	0	18	87	77	86	0	145	0	0	0	0
15	0	0	34	80	87	0	0	157	0	0	0	0
16	0	0	36	80	128	0	0	30	0	0	0	0
17	0	0	38	84	137	0	0	0	0	0	0	0
18	0	0	35	84	150	0	0	0	0	0	0	0
19	0	0	37	50	154	0	0	0	0	0	0	0
20	0	0	38	50	161	0	0	0	0	0	0	0
21	0	0	43	49	154	0	0	0	0	0	0	0
22	0	0	44	18	106	0	0	0	0	0	0	0
23	0	0	46	18	0	0	0	0	0	0	0	0
24	0	0	36	54	0	0	0	0	0	0	0	0
25	0	0	36	93	0	0	0	0	0	0	0	0
26	0	0	37	16	0	0	0	0	0	0	0	0
27	0	0	39	0	0	0	0	0	0	0	0	0
28	0	0	45	0	0	0	0	0	0	0	0	0
29	0	0	47	0	0	0	0	0	0	0	0	0
30	0	-	40	0	0	0	0	0	0	0	0	0
31	0	-	41	-	0	-	0	0	-	0	-	0
TOTAL	0	0	813	1,909	2,723	2,722	2,723	2,722	0	0	0	0
MAXIMUM DAY	0	0	47	131	161	229	233	215	0	0	0	0
MINIMUM DAY	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	26	64	88	91	88	88	0	0	0	0
TOTAL AC. FT.	0	0	1,613	3,787	5,400	5,400	5,400	5,400	0	0	0	0

WHOLE YEAR:- TOTAL, 13,612 MAX., 233 MIN., 0 MEAN, 37 TOTAL AC.FT., 27,000

City of Bakersfield Diverted to Cawelo Water District

DISCHARGE IN CUBIC FEET PER SECOND (Miscellaneous) Year: 2000

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	34	0	0	0	0	0	0	0	0	0	0	0
2	35	0	0	0	0	0	0	0	0	0	0	0
3	34	0	0	0	0	0	0	0	0	0	0	0
4	19	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0
30	0	-	0	0	0	0	0	0	0	0	0	0
31	0	-	0	-	0	-	0	0	-	0	-	0
TOTAL	122	0	0	0	0	0	0	0	0	0	0	0
MAXIMUM DAY	35	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	4	0	0	0	0	0	0	0	0	0	0	0
TOTAL AC. FT.	242	0	0	0	0	0	0	0	0	0	0	0

WHOLE YEAR:- TOTAL, 122 MAX., 35 MIN., 0 MEAN, 0 TOTAL AC.FT., 242

City of Bakersfield Diverted to Cawelo Water District

DISCHARGE IN CUBIC FEET PER SECOND (Non-Kern River) Year: 2000

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	3	1	1	1	0	0	0	0	0	0	0	0
2	2	0	1	1	0	0	0	0	0	0	2	0
3	4	0	0	1	0	0	0	0	0	0	2	0
4	1	0	0	2	0	0	0	0	0	0	1	0
5	0	0	0	2	0	0	0	0	0	0	2	0
6	0	0	2	3	0	0	0	0	0	0	0	0
7	0	0	0	2	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	1	0	0	0	0	0	0	0	0	0
12	0	0	2	0	0	0	0	0	0	0	0	0
13	0	0	2	0	0	0	0	0	0	0	0	0
14	0	0	2	0	0	0	0	0	0	0	0	0
15	0	0	3	0	0	0	0	0	0	0	0	0
16	0	0	3	0	0	0	0	0	0	0	2	0
17	0	3	2	0	0	0	0	0	0	0	2	0
18	0	3	2	0	0	0	0	0	0	0	2	0
19	0	6	1	0	0	0	0	0	0	0	0	0
20	0	4	2	0	0	0	0	0	0	0	0	0
21	0	3	1	0	0	0	0	0	0	0	0	0
22	0	0	1	0	0	0	0	0	0	0	0	0
23	0	0	1	0	0	0	0	0	0	0	0	0
24	0	0	1	0	0	0	0	0	0	0	0	0
25	0	0	1	0	0	0	0	0	0	0	0	0
26	0	3	1	0	0	0	0	0	0	0	0	0
27	0	0	1	0	0	0	0	0	0	0	0	0
28	0	0	1	0	0	0	0	0	0	0	0	0
29	0	1	1	0	0	0	0	0	0	1	0	0
30	0	-	1	0	0	0	0	0	0	3	0	1
31	2	-	1	-	0	-	0	0	-	0	-	0
TOTAL	12	24	35	12	0	0	0	0	0	4	13	1
MAXIMUM DAY	4	6	3	3	0	0	0	0	0	3	2	1
MINIMUM DAY	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	1	1	0	0	0	0	0	0	0	0	0
TOTAL AC. FT.	24	48	69	24	0	0	0	0	0	8	26	2

WHOLE YEAR:- TOTAL, 101 MAX., 6 MIN., 0 MEAN, 0 TOTAL AC.FT., 201

Buena Vista WSD Diverted to Cawelo Water District

DISCHARGE IN CUBIC FEET PER SECOND **(Kern River/SWP Exchange)** **Year: 2000**

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	7	0	0	0	0	0	0	131	64	27	0
2	0	0	0	0	0	0	0	0	124	73	24	0
3	0	0	0	0	0	0	0	0	120	81	24	0
4	0	0	0	0	0	0	0	0	85	84	26	0
5	0	0	0	0	0	0	0	0	89	90	1	17
6	0	0	0	0	0	0	0	0	67	85	28	17
7	0	0	0	0	0	0	0	0	72	65	24	19
8	0	0	0	0	0	0	0	0	69	66	26	17
9	0	0	0	0	0	0	0	0	68	72	7	0
10	0	0	0	0	0	0	0	0	68	70	6	0
11	0	0	0	0	0	0	0	0	71	70	23	0
12	0	0	0	0	0	0	0	0	70	67	23	17
13	0	0	0	0	0	0	50	0	72	64	24	18
14	0	23	0	0	0	145	216	0	72	66	25	0
15	0	0	0	0	0	236	210	0	103	64	31	0
16	0	0	0	0	0	228	223	145	113	66	47	0
17	0	0	0	0	0	224	215	186	111	69	44	0
18	0	0	0	0	0	213	203	182	116	44	38	0
19	0	0	0	0	0	232	191	175	75	45	39	0
20	0	0	0	0	0	204	191	171	75	42	21	0
21	0	0	0	0	0	205	189	182	66	43	21	0
22	0	0	0	0	52	220	190	181	71	41	0	0
23	0	0	0	0	215	235	175	158	67	50	0	0
24	0	0	0	0	216	233	197	157	65	87	0	0
25	0	0	0	0	195	230	203	142	69	85	0	0
26	0	0	0	67	203	229	210	139	68	81	0	0
27	0	0	0	80	156	229	214	132	70	45	0	0
28	0	0	0	80	150	231	213	132	67	45	0	0
29	0	0	0	125	208	240	208	169	70	43	0	24
30	0	-	0	122	229	239	199	172	66	41	0	23
31	0	-	0	-	225	-	209	132	-	28	-	8
TOTAL	0	30	0	474	1,849	3,773	3,706	2,555	2,450	1,936	529	160
MAXIMUM DAY	0	23	0	125	229	240	223	186	131	90	47	24
MINIMUM DAY	0	0	0	0	0	0	0	0	65	28	0	0
MEAN	0	1	0	16	60	126	120	82	82	62	18	5
TOTAL AC. FT.	0	60	0	940	3,668	7,483	7,351	5,067	4,859	3,840	1,049	317

WHOLE YEAR:- TOTAL, 17,462 MAX., 240 MIN., 0 MEAN, 48 TOTAL AC.FT., 34,634

DISCHARGE IN CUBIC FEET PER SECOND **Cawelo Water District Diverted via Cross Valley Canal Conduit "A"** **Year: 2000**

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	43	0	0	0
15	0	0	0	0	0	0	0	0	43	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0
30	0	-	0	0	0	0	0	0	0	0	0	0
31	0	-	0	-	0	-	0	0	-	0	-	0
TOTAL	0	0	0	0	0	0	0	0	86	0	0	0
MAXIMUM DAY	0	0	0	0	0	0	0	0	43	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	3	0	0	0
TOTAL AC. FT.	0	0	0	0	0	0	0	0	171	0	0	0

WHOLE YEAR:- TOTAL, 86 MAX., 43 MIN., 0 MEAN, 0 TOTAL AC.FT., 171

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

Quantities in acre-feet

Year: 2000

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
+ **Total Basic Contract Diverted**	+	**0**	**0**	**2,732**	**3,733**	**4,098**	**4,054**	**4,279**	**4,104**	**0**	**0**	**0**	**0**	**23,000**
Kern-Tulare Water District	-	0	0	2,375	3,246	3,564	3,525	3,721	3,569	0	0	0	0	20,000
Rag Gulch Water District	=	0	0	357	487	534	529	558	535	0	0	0	0	3,000
+ **Total Misc. Quantity Diverted**	+	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Kern-Tulare Water District	-	0	0	0	0	0	0	0	0	0	0	0	0	0
Rag Gulch Water District	=	0	0	0	0	0	0	0	0	0	0	0	0	0
= **Total Diverted**		**0**	**0**	**2,732**	**3,733**	**4,098**	**4,054**	**4,279**	**4,104**	**0**	**0**	**0**	**0**	**23,000**
via Calloway Canal	+	0	0	1,843	2,471	3,104	3,644	3,860	3,517	0	0	0	0	18,439
River Transportation Loss/Spreading	+	0	0	704	1,097	857	184	147	438	0	0	0	0	3,427
Carrier Canal Recharge	+	0	0	185	165	137	226	272	149	0	0	0	0	1,134
via Kern River Canal & Irrigating Co.	+	0	0	0	0	0	0	0	0	0	0	0	0	0
via Pioneer Project	+	0	0	0	0	0	0	0	0	0	0	0	0	0
- **Total Diverted to I.D. #4**	=	**0**	**0**	**2,732**	**3,733**	**4,098**	**4,054**	**4,279**	**4,104**	**0**	**0**	**0**	**0**	**23,000**
Kern-Tulare Water District	-	0	0	2,375	3,246	3,564	3,525	3,721	3,569	0	0	0	0	20,000
Rag Gulch Water District	=	0	0	357	487	534	529	558	535	0	0	0	0	3,000
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: 2000

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	0	33	52	57	67	61	58	0	0	0	0
2	0	0	35	56	51	51	62	64	0	0	0	0
3	0	0	24	50	57	55	62	66	0	0	0	0
4	0	0	30	59	61	57	60	63	0	0	0	0
5	0	0	35	58	53	56	59	63	0	0	0	0
6	0	0	24	57	50	57	55	61	0	0	0	0
7	0	0	30	49	57	58	59	60	0	0	0	0
8	0	0	27	50	53	54	54	63	0	0	0	0
9	0	0	57	51	61	48	60	63	0	0	0	0
10	0	0	51	50	52	47	58	63	0	0	0	0
11	0	0	27	57	56	59	55	66	0	0	0	0
12	0	0	35	57	60	56	61	65	0	0	0	0
13	0	0	25	60	53	55	65	69	0	0	0	0
14	0	0	36	50	57	63	55	63	0	0	0	0
15	0	0	36	50	50	61	61	63	0	0	0	0
16	0	0	37	48	50	61	63	68	0	0	0	0
17	0	0	39	107	50	54	61	73	0	0	0	0
18	0	0	39	55	57	59	63	75	0	0	0	0
19	0	0	39	48	62	61	58	63	0	0	0	0
20	0	0	48	51	60	57	65	65	0	0	0	0
21	0	0	42	54	57	63	63	70	0	0	0	0
22	0	0	36	50	61	63	58	66	0	0	0	0
23	0	0	41	48	56	64	59	59	0	0	0	0
24	0	0	45	43	67	63	64	62	0	0	0	0
25	0	0	41	49	69	57	62	70	0	0	0	0
26	0	0	44	57	63	63	62	64	0	0	0	0
27	0	0	44	59	59	70	62	60	0	0	0	0
28	0	0	48	54	63	70	55	54	0	0	0	0
29	0	0	47	50	63	65	63	0	0	0	0	0
30	0	-	51	57	68	63	66	0	0	0	0	0
31	0	-	51	-	64	-	65	0	-	0	-	0
TOTAL	0	0	1,197	1,636	1,797	1,777	1,876	1,799	0	0	0	0
MAXIMUM DAY	0	0	57	107	69	70	66	75	0	0	0	0
MINIMUM DAY	0	0	24	43	50	47	54	0	0	0	0	0
MEAN	0	0	39	55	58	59	61	58	0	0	0	0
TOTAL AC. FT.	0	0	2,375	3,246	3,564	3,525	3,721	3,569	0	0	0	0

WHOLE YEAR:- TOTAL, 10,082 MAX., 107 MIN., 0 MEAN, 28 TOTAL AC.FT., 20,000

City of Bakersfield Diverted for Rag Gulch WD

DISCHARGE IN CUBIC FEET PER SECOND (Rag Gulch WD/Improvement District No. 4 Exchange) Year: 2000

(Basic Contract)

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	0	5	8	9	10	9	9	0	0	0	0
2	0	0	5	8	8	8	9	10	0	0	0	0
3	0	0	4	8	9	8	9	10	0	0	0	0
4	0	0	5	9	9	8	9	9	0	0	0	0
5	0	0	5	9	8	8	9	9	0	0	0	0
6	0	0	4	9	8	8	9	9	0	0	0	0
7	0	0	5	7	8	9	9	9	0	0	0	0
8	0	0	4	7	8	8	8	10	0	0	0	0
9	0	0	9	8	9	7	9	9	0	0	0	0
10	0	0	7	7	8	7	9	9	0	0	0	0
11	0	0	4	8	8	9	9	10	0	0	0	0
12	0	0	5	9	9	8	9	10	0	0	0	0
13	0	0	4	9	8	8	10	10	0	0	0	0
14	0	0	5	8	8	10	8	9	0	0	0	0
15	0	0	5	8	8	9	9	9	0	0	0	0
16	0	0	6	7	8	10	9	10	0	0	0	0
17	0	0	6	16	8	8	9	11	0	0	0	0
18	0	0	6	8	8	9	9	11	0	0	0	0
19	0	0	6	7	9	9	9	10	0	0	0	0
20	0	0	7	8	9	9	10	10	0	0	0	0
21	0	0	6	8	9	9	9	11	0	0	0	0
22	0	0	5	7	9	9	9	10	0	0	0	0
23	0	0	6	7	8	10	9	9	0	0	0	0
24	0	0	7	7	10	10	10	9	0	0	0	0
25	0	0	6	7	10	9	9	10	0	0	0	0
26	0	0	7	8	9	10	9	10	0	0	0	0
27	0	0	7	9	9	10	9	9	0	0	0	0
28	0	0	7	8	9	10	8	9	0	0	0	0
29	0	0	7	8	9	10	9	0	0	0	0	0
30	0	-	8	9	10	10	10	0	0	0	0	0
31	0	-	7	-	10	-	10	0	-	0	-	0
TOTAL	0	0	180	246	269	267	281	270	0	0	0	0
MAXIMUM DAY	0	0	9	16	10	10	10	11	0	0	0	0
MINIMUM DAY	0	0	4	7	8	7	8	0	0	0	0	0
MEAN	0	0	6	8	9	9	9	9	0	0	0	0
TOTAL AC. FT.	0	0	357	487	534	529	558	535	0	0	0	0

WHOLE YEAR:- TOTAL, 1,513 MAX., 16 MIN., 0 MEAN, 4 TOTAL AC.FT., 3,000

DISCHARGE IN CUBIC FEET PER SECOND

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

Year: 2000

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

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

DISCHARGE IN CUBIC FEET PER SECOND

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

Year: 2000

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

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

IMPROVEMENT DISTRICT NO. 4
KERN RIVER SUPPLY AND DIVERSION RECAP

YEAR: 2000

Quantities in acre-feet

			Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	Treatment Plant	+	1259	975	1597	2302	2925	3433	3637	3650	3142	2497	2085	1521	29023
	Calloway Canal Operational Losses	+	92	101	129	149	169	191	207	198	174	155	124	117	1806
	Calloway Canal Below "99"	+	65	71	117	20	10	20	16	8	26	273	58	14	698
	Cross Valley Canal Filling Losses	+	0	0	0	0	0	0	0	0	0	6	18	44	68
	Cross Valley Canal Reverse Flow	+	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cross Valley Canal River Turnout #4	+	0	0	0	0	0	0	0	0	0	40	246	377	663
+	Sub-total Calloway Canal	=	1416	1147	1843	2471	3104	3644	3860	3856	3342	2971	2531	2073	32258
+	KRC&I Co. #1 Ditch Spreading		0	0	0	0	0	0	0	0	0	0	0	0	0
+	KRC&I Co. #1 Ditch to Cally. Spreading		0	0	0	0	0	0	0	0	0	0	0	0	0
	Truxtun Lakes	+	232	202	163	165	137	226	272	149	0	0	0	0	1546
	Arvin-Edison WSD Turnout	+	0	2588	0	0	0	0	0	0	0	0	0	0	2588
	Carrier Canal Loss/Spdg.	+	151	343	22	0	0	0	0	0	0	0	0	0	516
+	Sub-total via Carrier Canal	=	383	3133	185	165	137	226	272	149	0	0	0	0	4650
	River Loss/Spdg. Above Cally. Weir	+	510	623	704	883	857	184	147	496	660	486	470	526	6546
	River Spreading Below Cally. Weir	+	1288	3149	3721	214	0	0	0	0	32	8	0	0	8412
+	Sub-total River Loss/Spreading	=	1798	3772	4425	1097	857	184	147	496	692	494	470	526	14958
+	Kern Water Bank via 2800 Acres Basin 4		0	0	0	0	0	0	0	0	0	0	0	0	0
+	Via Boswell Turnout		0	0	0	0	0	0	0	0	0	0	0	0	0
+	Via Pioneer Canal Inlet		0	0	0	0	0	0	0	0	0	0	0	0	0
+	Via Pioneer North		0	0	0	0	0	0	0	0	0	0	0	0	0
+	Kern Water Bank at 2nd Point		0	0	0	0	0	0	0	0	0	0	0	0	0
=	**Improvement District #4 Total Diverted**		**3597**	**8052**	**6453**	**3733**	**4098**	**4054**	**4279**	**4501**	**4034**	**3465**	**3001**	**2599**	**51866**
	Kern-Tulare WD Basic Contract	+	0	0	2375	3246	3564	3525	3721	3569	0	0	0	0	20000
	Rag Gulch WD Basic Contract	+	0	0	357	487	534	529	558	535	0	0	0	0	3000
+	Sub-total K-TWD/RGWD Basic Contract	=	0	0	2732	3733	4098	4054	4279	4104	0	0	0	0	23000
	Kern-Tulare WD 2000 Miscellaneous	+	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rag Gulch WD 2000 Miscellaneous	+	0	0	0	0	0	0	0	0	0	0	0	0	0
+	Sub-total K-TWD/RGWD '00 Misc.	=	0	0	0	0	0	0	0	0	0	0	0	0	0
	City Truxtun Lake Exchange	+	0	0	0	0	0	0	0	0	0	0	0	0	0
	City Miscellaneous	+	0	0	0	0	0	0	0	0	0	0	0	0	0
	Friant-Kern Exchange	+	0	0	0	0	0	0	0	0	0	0	0	0	0
+	Sub-total City	=	0	0	0	0	0	0	0	0	0	0	0	0	0
+	North Kern WSD Exchange		1753	1781	472	0	0	0	0	0	0	0	738	2599	7343
+	Hacienda WD Exchange		307	0	0	0	0	0	0	0	0	0	0	0	307
+	Rosedale RBWSD Exchange		0	5738	3249	0	0	0	0	0	0	0	0	0	8987
+	Kern Delta WD Exchange		1537	533	0	0	0	0	0	0	0	0	0	0	2070
+	Lake Isabella Storage		0	0	0	0	0	0	0	397	4034	3465	2263	0	10159
=	**Improvement District #4 Total Supply**		**3597**	**8052**	**6453**	**3733**	**4098**	**4054**	**4279**	**4501**	**4034**	**3465**	**3001**	**2599**	**51866**

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

DISCHARGE IN CUBIC FEET PER SECOND (Diverted from Kern River Channel) Year: 2000

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	0	0	206	0	157	0	0	0	0	0	0
2	0	0	0	70	0	168	0	0	0	0	0	0
3	0	0	0	0	0	88	0	0	0	0	0	0
4	0	0	0	0	99	0	0	0	0	0	0	0
5	0	0	0	0	141	0	0	0	0	0	0	0
6	0	0	0	0	152	0	0	0	0	0	0	0
7	0	0	48	0	159	0	0	0	0	0	0	0
8	0	0	139	0	156	0	0	0	0	0	0	0
9	0	0	222	0	162	0	0	0	0	0	0	0
10	0	0	222	0	166	0	0	0	0	0	0	0
11	0	0	219	0	161	0	0	0	0	0	0	0
12	0	0	219	0	161	0	0	0	0	0	0	0
13	0	0	218	0	161	0	0	0	0	0	0	0
14	0	0	185	0	160	0	0	0	0	0	0	0
15	0	0	148	0	160	0	0	0	0	0	0	0
16	0	0	225	0	160	0	0	0	0	0	0	0
17	0	0	221	0	160	0	0	0	0	0	0	0
18	0	0	218	0	156	0	0	0	0	0	0	0
19	0	0	218	0	161	0	0	0	0	0	0	0
20	0	0	221	0	166	0	0	0	0	0	0	0
21	0	0	221	0	163	0	0	0	0	0	0	0
22	0	0	220	0	160	0	0	0	0	0	0	0
23	0	0	218	0	160	0	0	0	0	0	0	0
24	0	0	218	0	159	0	0	0	0	0	0	0
25	0	0	218	0	160	0	0	0	0	0	0	0
26	0	0	216	0	160	0	0	0	0	0	0	0
27	0	0	213	0	161	0	0	0	0	0	0	0
28	0	0	216	0	162	0	0	0	0	0	0	0
29	0	0	217	0	160	0	0	0	0	0	0	0
30	0	-	213	0	158	0	0	0	0	0	0	0
31	0	-	207	-	158	-	0	0	-	0	-	0
TOTAL	0	0	5,100	276	4,402	413	0	0	0	0	0	0
MAXIMUM DAY	0	0	225	206	166	168	0	0	0	0	0	0
MINIMUM DAY	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	165	9	142	14	0	0	0	0	0	0
TOTAL AC. FT.	0	0	10,116	547	8,731	819	0	0	0	0	0	0

WHOLE YEAR:- TOTAL, 10,191 MAX., 225 MIN., 0 MEAN, 28 TOTAL AC.FT., 20,213

DISCHARGE IN CUBIC FEET PER SECOND

City of Bakersfield Diverted for Rosedale-Rio Bravo WSD
(Rosedale RBWSD/Improvement District No. 4 Exchange)

Year: 2000

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	0	154	0	0	0	0	0	0	0	0	0
2	0	0	181	0	0	0	0	0	0	0	0	0
3	0	0	176	0	0	0	0	0	0	0	0	0
4	0	0	182	0	0	0	0	0	0	0	0	0
5	0	0	222	0	0	0	0	0	0	0	0	0
6	0	0	212	0	0	0	0	0	0	0	0	0
7	0	0	178	0	0	0	0	0	0	0	0	0
8	0	0	92	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	20	0	0	0	0	0	0	0	0	0
13	0	0	82	0	0	0	0	0	0	0	0	0
14	0	228	60	0	0	0	0	0	0	0	0	0
15	0	216	40	0	0	0	0	0	0	0	0	0
16	0	211	1	0	0	0	0	0	0	0	0	0
17	0	158	0	0	0	0	0	0	0	0	0	0
18	0	169	0	0	0	0	0	0	0	0	0	0
19	0	175	0	0	0	0	0	0	0	0	0	0
20	0	195	0	0	0	0	0	0	0	0	0	0
21	0	200	12	0	0	0	0	0	0	0	0	0
22	0	180	6	0	0	0	0	0	0	0	0	0
23	0	207	3	0	0	0	0	0	0	0	0	0
24	0	207	10	0	0	0	0	0	0	0	0	0
25	0	144	7	0	0	0	0	0	0	0	0	0
26	0	129	0	0	0	0	0	0	0	0	0	0
27	0	161	0	0	0	0	0	0	0	0	0	0
28	0	155	0	0	0	0	0	0	0	0	0	0
29	0	158	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	2,893	1,638	0	0	0	0	0	0	0	0	0
MAXIMUM DAY	0	228	222	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	100	53	0	0	0	0	0	0	0	0	0
TOTAL AC. FT.	0	5,738	3,249	0	0	0	0	0	0	0	0	0

WHOLE YEAR:- TOTAL, 4,531 MAX., 228 MIN., 0 MEAN, 12 TOTAL AC.FT., 8,987

Arvin-Edison WSD Diverted for Rosedale-Rio Bravo WSD

DISCHARGE IN CUBIC FEET PER SECOND — **via Rosedale Channel at Head** — **Year: 2000**

(Rosedale RBWSD/A-EWSD Friant-Kern Exchange)

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	0	0	200	0	157	0	0	0	0	0	0
2	0	0	0	67	0	168	0	0	0	0	0	0
3	0	0	0	0	0	88	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	61	0	2	0	0	0	0	0	0	0
10	0	0	86	0	7	0	0	0	0	0	0	0
11	0	0	80	0	2	0	0	0	0	0	0	0
12	0	0	86	0	1	0	0	0	0	0	0	0
13	0	0	80	0	1	0	0	0	0	0	0	0
14	0	0	75	0	0	0	0	0	0	0	0	0
15	0	0	94	0	1	0	0	0	0	0	0	0
16	0	0	150	0	0	0	0	0	0	0	0	0
17	0	0	186	0	0	0	0	0	0	0	0	0
18	0	0	200	0	0	0	0	0	0	0	0	0
19	0	0	200	0	2	0	0	0	0	0	0	0
20	0	0	200	0	7	0	0	0	0	0	0	0
21	0	0	200	0	3	0	0	0	0	0	0	0
22	0	0	200	0	0	0	0	0	0	0	0	0
23	0	0	200	0	0	0	0	0	0	0	0	0
24	0	0	200	0	65	0	0	0	0	0	0	0
25	0	0	200	0	140	0	0	0	0	0	0	0
26	0	0	200	0	160	0	0	0	0	0	0	0
27	0	0	200	0	128	0	0	0	0	0	0	0
28	0	0	200	0	112	0	0	0	0	0	0	0
29	0	0	200	0	110	0	0	0	0	0	0	0
30	0	-	200	0	117	0	0	0	0	0	0	0
31	0	-	200	-	158	-	0	0	-	0	-	0
TOTAL	0	0	3,698	267	1,016	413	0	0	0	0	0	0
MAXIMUM DAY	0	0	200	200	160	168	0	0	0	0	0	0
MINIMUM DAY	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	119	9	33	14	0	0	0	0	0	0
TOTAL AC. FT.	0	0	7,335	529	2,015	819	0	0	0	0	0	0

WHOLE YEAR:- TOTAL, 5,394 MAX., 200 MIN., 0 MEAN, 15 TOTAL AC.FT., 10,698

DISCHARGE IN CUBIC FEET PER SECOND

K-TWD/RGWD Diverted for Rosedale-Rio Bravo WSD
via Rosedale Channel at Head
(RRBWSD/K-TWD/RGWD Friant-Kern Exchange)

Year: 2000

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	0	0	6	0	0	0	0	0	0	0	0
2	0	0	0	3	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	99	0	0	0	0	0	0	0
5	0	0	0	0	141	0	0	0	0	0	0	0
6	0	0	0	0	152	0	0	0	0	0	0	0
7	0	0	0	0	159	0	0	0	0	0	0	0
8	0	0	0	0	156	0	0	0	0	0	0	0
9	0	0	0	0	160	0	0	0	0	0	0	0
10	0	0	0	0	159	0	0	0	0	0	0	0
11	0	0	0	0	159	0	0	0	0	0	0	0
12	0	0	0	0	160	0	0	0	0	0	0	0
13	0	0	0	0	160	0	0	0	0	0	0	0
14	0	0	0	0	160	0	0	0	0	0	0	0
15	0	0	0	0	159	0	0	0	0	0	0	0
16	0	0	17	0	160	0	0	0	0	0	0	0
17	0	0	17	0	160	0	0	0	0	0	0	0
18	0	0	18	0	156	0	0	0	0	0	0	0
19	0	0	18	0	159	0	0	0	0	0	0	0
20	0	0	21	0	159	0	0	0	0	0	0	0
21	0	0	21	0	160	0	0	0	0	0	0	0
22	0	0	20	0	160	0	0	0	0	0	0	0
23	0	0	18	0	160	0	0	0	0	0	0	0
24	0	0	18	0	94	0	0	0	0	0	0	0
25	0	0	18	0	20	0	0	0	0	0	0	0
26	0	0	16	0	0	0	0	0	0	0	0	0
27	0	0	13	0	33	0	0	0	0	0	0	0
28	0	0	16	0	50	0	0	0	0	0	0	0
29	0	0	17	0	50	0	0	0	0	0	0	0
30	0	-	13	0	41	0	0	0	0	0	0	0
31	0	-	7	-	0	-	0	0	-	0	-	0
TOTAL	0	0	268	9	3,386	0	0	0	0	0	0	0
MAXIMUM DAY	0	0	21	6	160	0	0	0	0	0	0	0
MINIMUM DAY	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	9	0	109	0	0	0	0	0	0	0
TOTAL AC. FT.	0	0	532	18	6,716	0	0	0	0	0	0	0

WHOLE YEAR:- TOTAL, 3,663 MAX., 160 MIN., 0 MEAN, 10 TOTAL AC.FT., 7,266

Improvement District No. 4 Diverted for Rosedale-Rio Bravo WSD

DISCHARGE IN CUBIC FEET PER SECOND — via Rosedale Channel at Head — Year: 2000

(Friant-Kern Supply)

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	65	0	0	0	0	0	0	0	0	0
14	0	0	60	0	0	0	0	0	0	0	0	0
15	0	0	40	0	0	0	0	0	0	0	0	0
16	0	0	58	0	0	0	0	0	0	0	0	0
17	0	0	18	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0
30	0	-	0	0	0	0	0	0	0	0	0	0
31	0	-	0	-	0	-	0	0	-	0	-	0
TOTAL	0	0	241	0	0	0	0	0	0	0	0	0
MAXIMUM DAY	0	0	65	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	8	0	0	0	0	0	0	0	0	0
TOTAL AC. FT.	0	0	478	0	0	0	0	0	0	0	0	0

WHOLE YEAR:- TOTAL, 241 MAX., 65 MIN., 0 MEAN, 1 TOTAL AC.FT., 478

ROSEDALE RIO BRAVO WATER STORAGE DISTRICT

Hydrographic and Accounting Report by City of Bakersfield

Quantities in acre-feet

Year: 2000

	1	2	3	4	5	6	7	8	9	10	11	12	13	14
	(a)	(b)	(c)	(d)	(e)		(f) Basic Contract		(g) Miscellaneous		(h) Other Supply			
	Friant-Kern Inflow	Friant-Kern Delivered	SWP Inflow	SWP Delivered	River Canal Transportation Charge on Column 2	Total Kern River Delivered	No Charge (1st 4000) acre-feet	acre-feet Sold at $1.00	acre-feet Sold at $6.00	acre-feet Sold at $21.00	Kern River Floodwater	Friant-Kern A-EWSD Exch.	Friant-Kern K-TWD/RGWD Exchange	Friant-Kern ID4 Exch.
January	0	0	0	0	$0.00	0	0	0	0	0	0	0	0	0
February	0	0	0	0	$0.00	5,738	4,000	1,738	0	0	0	0	0	0
March	8,345	8,345	0	0	$0.00	5,020	0	4,262	758	0	0	7,335	532	478
April	547	547	0	0	$0.00	0	0	0	0	0	0	529	18	0
May	8,731	8,731	0	0	$0.00	0	0	0	0	0	0	2,015	6,716	0
June	819	819	0	0	$0.00	0	0	0	0	0	0	819	0	0
July	0	0	0	0	$0.00	0	0	0	0	0	0	0	0	0
August	0	0	0	0	$0.00	0	0	0	0	0	0	0	0	0
September	0	0	0	0	$0.00	0	0	0	0	0	0	0	0	0
October	0	0	0	0	$0.00	0	0	0	0	0	0	0	0	0
November	0	0	0	0	$0.00	0	0	0	0	0	0	0	0	0
December	0	0	0	0	$0.00	0	0	0	0	0	0	0	0	0
Total	18,442	18,442	0	0	$0.00	10,758	4,000	6,000	758	0	0	10,698	7,266	478

4.060 = Current Escalator = 4.060

$0.00 = Totals = $24,360.00

(per 1961 Agreement)

200	0	1999
48,695	0	1998
49,226	0	1997
38,603	0	1996
137,482	0	*Five Year Totals*
27,496	0	*Five Year Averages*
2.210	2.210	*Current Escalator*
$13.26	$46.41	*Current Price per acre-foot*
$364,596.96	$0.00	*Five Year Average Sales*
$364,596.96		*May 31, 2001 Payment*

Preceding Four Years

Notes :

(a) As charged RRBWSD by U.S.B.R.

(b) Column 1 less transportation losses.

(c) As charged RRBWSD by KCWA.

(d) Column 3 less transportation losses.

(e) $0.10 per acre-foot escalated annually (31.6 = 1-82 base index).

(f) $1.00 per acre-foot escalated annually (31.6 = 1-82 base index) after the first 4,000 AcFt of each successive 10,000 acre-feet delivered.

(g) Subject to annual escalation per 1976 agreement (62.8 = 1-82 base index).

(h) Delivered during periods of Kern River Mandatory Release when designated by U.S. Army Corps of Engineers.

ROSEDALE RBWSD DIVERSION RECAPITULATION

Does not include deliveries off the Cross Valley Canal.....

Quantities in acre-feet

YEAR: 2000

		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
Rosedale Channel at Headgate	+	0	0	10,116	547	8,731	819	0	0	0	0	0	0	20,213
City to Bolthouse Farms	-	0	0	0	0	0	0	0	0	0	0	0	0	0
for Rosedale RBWSD	=	**0**	**0**	**10,116**	**547**	**8,731**	**819**	**0**	**0**	**0**	**0**	**0**	**0**	**20,213**
- City Contract Water		0	0	1,771	0	0	0	0	0	0	0	0	0	1,771
= Other Water		0	0	8,345	547	8,731	819	0	0	0	0	0	0	18,442
via 2800 Acres to South Pioneer	+	0	0	0	0	5,022	171	0	0	0	0	0	0	5,193
via 2800 Acres to North Pioneer	+	0	0	0	0	0	0	0	0	0	0	0	0	0
Central Pioneer	+	0	0	643	0	0	0	0	0	0	0	0	0	643
via Pioneer Canal Inlet	+	0	0	0	0	0	0	0	0	0	0	0	0	0
2800 Acre Spreading (Net)	+	0	0	447	524	12,426	487	0	0	0	0	0	0	13,884
Kern River Channel Spreading	+	0	0	437	11	0	0	0	0	0	0	0	0	448
At Second Point of Measurement	+	0	0	0	0	0	0	0	0	0	0	0	0	0
Arvin-Edison T.O. from Carrier Cana	+	0	0	0	0	0	0	0	0	0	0	0	0	0
For Improvement District #4	+	0	5,738	3,249	0	0	0	0	0	0	0	0	0	8,987
Total Diverted	=	**0**	**5,738**	**14,892**	**1,082**	**26,179**	**1,477**	**0**	**0**	**0**	**0**	**0**	**0**	**49,368**

City of Bakersfield Basic Contract	+	0	5,738	4,262	0	0	0	0	0	0	0	0	0	10,000
City of Bakersfield Miscellaneous	+	0	0	758	0	0	0	0	0	0	0	0	0	758
Hacienda WD Exchange	+	0	0	0	0	0	0	0	0	0	0	0	0	0
Buena Vista WSD Purchase	+	0	0	0	0	0	0	0	0	0	0	0	0	0
Improvement District #4	+	0	0	478	0	0	0	0	0	0	0	0	0	478
Friant-Kern A-EWSD Exchange	+	0	0	8,206	1,053	19,463	1,477	0	0	0	0	0	0	30,199
Friant-Kern K-TWD/RGWD Exch.	+	0	0	1,188	29	6,716	0	0	0	0	0	0	0	7,933
Total Supply	=	**0**	**5,738**	**14,892**	**1,082**	**26,179**	**1,477**	**0**	**0**	**0**	**0**	**0**	**0**	**49,368**

STATUS OF CONTRACT

per terms of

ROSEDALE-RIO BRAVO WATER STORAGE DISTRICT

Service Agreement, dated August 31, 1961.

Quantities in acre-feet

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

(1) Not less than 5,000 acre-feet for any consecutive 5-Year period.
(2) Limit 30,000 acre-feet during any One year.
(3) Gross limit of 60,000 acre-feet.
(4) Pursuant to Article 3.2 of 1976 Agreement No. 76-80; City of Bakersfield carryover credit was 60,000 acre-feet as of January 1, 1976.

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

Quantities in acre-feet

Year: 2000

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
City Entitlement + or - Release	**1,230**	**2,653**	**19,286**	**18,762**	**27,338**	**20,340**	**5,899**	**459**	**379**	**1,225**	**1,190**	**476**	**99,237**
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	0	10,000	10,000	0	0	0	0	20,000
Cawelo Water District	0	0	1,613	3,787	5,400	5,400	5,400	5,400	0	0	0	0	27,000
Kern-Tulare Water District	0	0	2,375	3,246	3,564	3,525	3,721	3,569	0	0	0	0	20,000
Rag Gulch Water District	0	0	357	487	534	529	558	535	0	0	0	0	3,000
Rosedale Rio Bravo WSD	0	5,738	4,262	0	0	0	0	0	0	0	0	0	10,000
Kern River Canal & Irrigating Co.	0	0	0	0	0	0	0	0	733	1,053	196	246	2,228
Truxtun Lakes	0	0	0	0	0	0	0	0	0	0	0	0	0
First Point Passing Second Point	0	0	0	0	0	0	0	0	0	0	0	0	0
Transportation Loss Assignment	0	0	0	0	0	0	0	0	0	0	0	0	0
Isabella Reservoir Loss	48	36	131	365	770	1,039	944	272	74	42	38	48	3,807
River Transportation Loss	(2)	4	754	1,007	1,267	3,096	3,201	1,226	1	(1)	0	114	10,667
Total Basic Commitments	**62**	**5,794**	**9,536**	**8,952**	**11,612**	**13,694**	**23,951**	**21,123**	**899**	**1,159**	**276**	**434**	**97,492**

Total City Miscellaneous Water.....	**1,745**
Rosedale Rio Bravo WSD 1/3 Share.....	**582**

Misc. Water Delivered to RRBWSD	0	0	758	0	0	0	0	0	0	0	0	0	758
Del. under Art.11,Sec. 2.1 (i)(7)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Misc. Delivered to RRBWSD	**0**	**0**	**758**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**758**

Over (Under) City Miscellaneous Water Obligation.....	**176**
Prior Year Miscellaneous Water Delivery Balance.....	**(8,344)**
Cumulative Miscellaneous Water Delivery Balance.....	**(8,168)**

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

Notes:

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

KERN RIVER CANAL & IRRIGATING COMPANY

CITY OF BAKERSFIELD

Quantities in acre-feet

Year: 2000

		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
Kern River Entitlement	+	0	367	0	709	3,466	1,812	0	0	0	0	0	0	6,354
Release	+ or -	0	(50)	0	0	0	0	0	0	0	0	0	0	(50)
ENTITLEMENT + OR - RELEASE	=	**0**	**317**	**0**	**709**	**3,466**	**1,812**	**0**	**0**	**0**	**0**	**0**	**0**	**6,304**
Oilfield Discharge	+	30	49	0	150	143	105	60	67	108	129	96	73	1,010
Other	+ or -	0	0	0	(150)	(143)	(105)	(60)	(67)	695	1,053	196	246	1,665
Into Isabella Storage	-	0	188	0	81	869	212	0	0	0	0	0	0	1,350
From Isabella Storage	+	79	28	526	1,099	107	516	1,841	1,975	687	0	0	0	6,858
To NKWSD in Isabella Storage	-	0	0	0	0	0	0	0	0	0	0	0	0	0
DIVERTED AT HEAD	=	**109**	**206**	**526**	**1,727**	**2,704**	**2,116**	**1,841**	**1,975**	**1,490**	**1,182**	**292**	**319**	**14,487**
Irrigation Deliveries	-	91	65	451	1,330	1,492	1,407	1,576	1,588	1,238	954	171	237	10,600
NKWSD at Seventh Standard Line	-	0	111	0	212	1,040	543	0	0	0	0	0	0	1,906
Cawelo WD at Pump Station "B"	-	0	0	0	0	0	0	0	0	0	0	0	0	0
Spreading Deliveries	-	0	0	0	0	0	0	0	0	0	0	0	0	0
Canal Loss	=	18	30	75	185	172	166	265	387	252	228	121	82	1,981
Irrigation Delivery Percentage		83%	85%	86%	89%	94%	92%	86%	80%	83%	81%	59%	74%	86%

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
Into Isabella Storage	0	188	0	81	869	212	0	0	0	0	0	0	1,350
Isabella Evaporation Loss	40	30	65	89	115	139	127	71	6	0	0	0	682
From Isabella Storage	79	28	526	1,099	107	516	1,841	1,975	687	0	0	0	6,858
Transfer in Storage	0	0	0	0	0	0	0	0	0	0	0	0	0
End of Month Isabella Storage	**6,071**	**6,201**	**5,610**	**4,503**	**5,150**	**4,707**	**2,739**	**693**	**0**	**0**	**0**	**0**	

SOUTH FORK DIVERSION RIGHT SUMMARY

Quantities in acre-feet

Year: 2000

		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
Kern River Entitlement	+	169	529	42	171	289	203	0	0	0	0	0	0	1,403
Release	+ or -	(108)	(442)	0	(20)	28	58	0	0	138	625	625	30	934
Entitlement + or - Releases	=	**61**	**87**	**42**	**151**	**317**	**261**	**0**	**0**	**138**	**625**	**625**	**30**	**2,337**
Into Isabella Storage	-	0	87	16	131	234	134	0	0	92	625	625	0	1,944
From Isabella Storage	+	0	0	47	18	2	22	155	192	71	0	0	0	507
Other	+ or -	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Deliveries	=	**61**	**0**	**73**	**38**	**85**	**149**	**155**	**192**	**117**	**0**	**0**	**30**	**900**
Old South Fork		0	0	0	0	0	0	0	0	0	0	0	0	0
Panama Ranch		61	0	73	38	85	149	155	192	117	0	0	30	900

Into Isabella Storage		0	87	16	131	234	134	0	0	92	625	625	0	1,944
From Isabella Storage		0	0	47	18	2	22	155	192	71	0	0	0	507
Transfer in Storage		0	0	0	0	0	0	0	0	0	0	1,437	0	1,437
End of Month Isabella Storage		**600**	**687**	**656**	**769**	**1,001**	**1,113**	**958**	**766**	**787**	**1,412**	**600**	**600**	

City of Bakersfield Diverted to Kern Delta Water District

DISCHARGE IN CUBIC FEET PER SECOND (Miscellaneous) Year: 2000

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	0	0	0	2	2	0	0	0	0	0	0
2	0	0	0	0	1	2	0	0	0	0	0	0
3	0	0	0	0	2	1	0	3	0	0	0	0
4	0	0	0	0	1	0	0	0	0	0	0	0
5	0	0	0	0	3	0	0	0	0	0	0	0
6	0	0	0	0	2	0	0	0	0	0	0	0
7	0	0	0	0	2	0	0	0	0	0	0	0
8	0	0	0	0	1	0	0	0	0	0	0	0
9	0	0	0	0	1	0	0	0	0	0	0	0
10	0	0	0	0	2	0	0	3	0	0	0	0
11	0	0	0	0	2	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	3	1	0	0	0	0	0	0
15	0	0	0	0	3	1	0	0	0	0	0	0
16	0	0	0	0	3	1	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	2	2	0	0	0	0	0	0	0
19	0	0	0	1	1	0	0	3	0	0	0	0
20	0	0	0	1	2	0	0	3	0	0	0	0
21	0	0	0	0	1	0	0	3	0	0	0	0
22	0	0	2	0	1	0	0	3	0	0	0	0
23	0	0	1	0	2	0	0	0	0	0	0	0
24	0	0	2	0	1	0	0	0	0	0	0	0
25	0	0	1	0	2	0	0	0	0	0	0	0
26	0	0	1	0	2	0	0	0	0	0	0	0
27	0	0	0	0	1	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0
29	0	-	0	0	2	0	0	0	0	0	0	0
30	0	-	0	0	2	3	0	0	0	0	0	0
31	0	-	0	-	0	0	0	0	-	0	-	0
TOTAL	0	0	7	4	47	11	0	18	0	0	0	0
MAXIMUM DAY	0	0	2	2	3	3	0	3	0	0	0	0
MINIMUM DAY	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	2	0	0	1	0	0	0	0
TOTAL AC. FT.	0	0	14	8	93	22	0	36	0	0	0	0

WHOLE YEAR:- TOTAL, 87 MAX., 3 MIN., 0 MEAN, 0 TOTAL AC.FT., 173

City of Bakersfield Diverted to Kern Delta WD

DISCHARGE IN CUBIC FEET PER SECOND (Non-Kern River) Year: 2000

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	2	0	0	0	0	0	0	0	0	0	0	0
5	5	0	0	0	0	0	0	0	0	0	0	0
6	4	0	0	0	0	0	0	0	0	0	0	0
7	4	0	0	0	0	0	0	0	0	0	0	0
8	4	0	0	0	0	0	0	0	0	0	0	0
9	4	0	0	0	0	0	0	0	0	0	0	0
10	3	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	5	0	0	0	0	0	0	0	0	0	0	0
15	4	0	0	0	0	0	0	0	0	0	0	0
16	4	0	0	0	0	0	0	0	0	0	0	0
17	3	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0
30	0	-	0	0	0	0	0	0	0	0	0	0
31	0	-	0	-	0	-	0	0	-	0	-	0
TOTAL	42	0	0	0	0	0	0	0	0	0	0	0
MAXIMUM DAY	5	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	1	0	0	0	0	0	0	0	0	0	0	0
TOTAL AC. FT.	84	0	0	0	0	0	0	0	0	0	0	0

WHOLE YEAR:- TOTAL, 42 MAX., 5 MIN., 0 MEAN, 0 TOTAL AC.FT., 84

City of Bakersfield Diverted to California Water Service Company

DISCHARGE IN CUBIC FEET PER SECOND (Pursuant to Agreement No. 99-05 W.B. dated June 30, 1999) Year: 2000

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	1	1	0	1	1	2	2	2	2	1	1	1
2	0	0	1	1	2	2	2	2	2	2	1	1
3	1	1	1	2	1	2	3	2	2	1	0	0
4	1	0	0	1	2	2	2	2	2	2	1	1
5	0	1	1	1	2	2	2	3	2	1	1	0
6	0	0	0	1	2	2	2	2	1	2	1	1
7	1	1	1	1	1	2	2	2	2	1	1	1
8	0	0	0	2	2	2	2	2	2	1	1	1
9	1	1	1	1	1	2	3	2	2	2	0	0
10	0	0	0	1	2	2	2	2	2	1	1	1
11	1	0	1	1	1	2	2	3	2	2	1	1
12	0	1	0	1	2	2	2	2	1	1	0	0
13	0	1	1	2	1	2	2	2	2	1	1	1
14	1	0	1	1	2	2	2	2	2	1	1	0
15	0	1	0	1	1	2	2	2	1	2	1	1
16	0	0	1	1	2	2	3	2	2	1	0	1
17	1	0	1	1	1	2	2	2	2	1	1	0
18	1	1	0	2	2	2	2	2	1	2	1	1
19	1	1	1	1	2	2	2	2	2	1	1	1
20	0	0	1	1	2	2	2	2	2	2	1	0
21	0	1	0	1	1	2	3	3	1	1	0	1
22	1	0	1	1	2	2	2	2	2	1	1	1
23	1	0	1	2	2	2	2	2	2	1	1	1
24	1	1	0	1	1	2	2	2	2	1	0	0
25	0	1	1	1	2	2	2	2	2	1	1	1
26	1	0	1	1	2	2	2	2	1	1	1	0
27	1	1	0	1	2	2	2	3	2	2	0	1
28	1	0	1	2	2	2	2	2	2	1	1	0
29	1	1	1	1	2	2	2	2	2	1	1	1
30	0	-	1	1	2	2	3	2	1	1	1	1
31	1	-	0	-	2	-	2	2	-	1	-	1
TOTAL	18	15	19	36	52	60	67	66	53	40	23	21
MAXIMUM DAY	1	1	1	2	2	2	3	3	2	2	1	1
MINIMUM DAY	0	0	0	1	1	2	2	2	1	1	0	0
MEAN	1	1	1	1	2	2	2	2	2	1	1	1
TOTAL AC. FT.	36	30	37	72	104	119	134	131	104	80	45	41

WHOLE YEAR:- TOTAL, 470 MAX., 3 MIN., 0 MEAN, 1 TOTAL AC.FT., 933

City of Bakersfield Diverted to Olcese Water District

DISCHARGE IN CUBIC FEET PER SECOND (Pursuant to Agreement No. 99-05 W.B. dated June 30, 1999) Year: 2000

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	0	0	1	1	2	2	2	2	1	1	0
2	1	1	0	1	2	2	2	2	1	1	0	1
3	0	0	0	0	2	2	2	3	2	1	1	0
4	0	0	0	1	1	2	2	2	1	1	0	1
5	1	0	0	1	1	1	2	2	1	1	0	0
6	0	1	0	1	2	2	2	2	1	1	0	0
7	0	0	0	1	2	2	2	2	2	1	0	0
8	1	0	0	0	1	2	2	2	1	1	0	1
9	0	0	0	1	2	2	2	2	2	1	1	0
10	0	1	0	1	2	2	2	2	1	1	1	1
11	1	0	0	1	2	2	2	2	1	1	0	0
12	0	0	1	1	2	2	2	2	2	1	0	1
13	1	0	0	0	1	2	2	2	1	1	0	0
14	0	0	0	1	2	2	2	2	2	1	1	1
15	0	0	1	1	2	1	2	2	2	1	0	0
16	1	0	0	1	2	2	2	2	1	1	1	1
17	0	0	0	1	2	2	2	2	2	1	1	0
18	0	0	1	0	1	2	2	2	2	1	0	0
19	0	0	0	1	2	2	2	2	1	1	0	1
20	0	0	0	1	1	2	2	2	1	1	1	0
21	1	0	1	1	2	2	2	2	2	1	1	0
22	0	1	0	1	1	2	2	2	1	1	0	0
23	0	0	0	0	2	2	2	2	2	1	1	0
24	0	0	1	1	2	2	2	2	1	1	1	1
25	0	0	0	1	2	2	2	2	1	1	0	0
26	1	0	0	1	2	2	2	2	2	1	0	1
27	0	0	1	1	2	2	2	2	1	1	1	0
28	0	0	0	1	2	2	2	2	1	1	1	1
29	0	0	0	1	2	2	2	2	1	1	0	0
30	0	-	0	1	2	2	2	2	2	1	1	1
31	1	-	1	-	2	-	2	2	-	1	-	0
TOTAL	9	4	7	25	54	58	62	63	43	31	14	12
MAXIMUM DAY	1	1	1	1	2	2	2	3	2	1	1	1
MINIMUM DAY	0	0	0	0	1	1	2	2	1	1	0	0
MEAN	0	0	0	1	2	2	2	2	1	1	0	0
TOTAL AC. FT.	18	7	14	49	107	114	123	125	86	61	28	24

WHOLE YEAR:- TOTAL, 382 MAX., 3 MIN., 0 MEAN, 1 TOTAL AC.FT., 756

DISCHARGE IN CUBIC FEET PER SECOND | City of Bakersfield Diverted to Kern Valley Golf Course | Year: 2000

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

WHOLE YEAR:- TOTAL, 100 MAX., 1 MIN., 0 MEAN, 0 TOTAL AC.FT., 198

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

DISCHARGE IN CUBIC FEET PER SECOND

(All Sources, All Entities)

Year: 2000

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	0	0	203	96	170	0	0	0	0	0	0
2	0	0	0	21	131	76	0	0	0	0	0	0
3	0	0	0	0	146	0	0	0	0	0	0	0
4	0	0	0	0	126	0	0	0	0	0	0	0
5	0	0	0	0	95	0	0	0	0	0	0	0
6	0	0	0	0	90	0	0	0	0	0	0	0
7	0	0	0	0	76	0	0	0	0	0	0	0
8	0	0	96	0	81	0	0	0	0	0	0	0
9	0	0	214	0	107	0	0	0	0	0	0	0
10	0	0	300	0	140	0	0	0	0	0	0	0
11	0	0	368	0	172	0	0	0	0	0	0	0
12	0	0	366	0	217	0	0	0	0	0	0	0
13	0	0	318	0	217	0	0	0	0	0	0	0
14	0	0	261	0	229	0	0	0	0	0	0	0
15	0	0	172	0	256	0	0	0	0	0	0	0
16	0	0	274	0	231	0	0	0	0	0	0	0
17	0	0	451	0	190	0	0	0	0	0	0	0
18	0	0	403	0	128	0	0	0	0	0	0	0
19	0	0	396	0	241	0	0	0	0	0	0	0
20	0	0	375	0	317	0	0	0	0	0	0	0
21	0	0	452	0	332	0	0	0	0	0	0	0
22	0	0	408	0	344	0	0	0	0	0	0	0
23	0	0	441	0	349	0	0	0	0	0	0	0
24	0	0	470	0	291	0	0	0	0	0	0	0
25	0	0	436	0	228	0	0	0	0	0	0	0
26	0	0	424	0	221	0	0	0	0	0	0	0
27	0	0	433	35	217	0	0	0	0	0	0	0
28	0	0	436	65	241	0	0	0	0	0	0	0
29	0	0	464	65	261	0	0	0	0	0	0	0
30	0	-	372	99	248	0	0	0	0	0	0	0
31	0	-	259	-	246	-	0	0	-	0	-	0
TOTAL	0	0	8,589	488	6,264	246	0	0	0	0	0	0
MAXIMUM DAY	0	0	470	203	349	170	0	0	0	0	0	0
MINIMUM DAY	0	0	0	0	76	0	0	0	0	0	0	0
MEAN	0	0	277	16	202	8	0	0	0	0	0	0
TOTAL AC. FT.	0	0	17,037	968	12,426	487	0	0	0	0	0	0

WHOLE YEAR:- TOTAL, 15,587 MAX., 470 MIN., 0 MEAN, 43 TOTAL AC.FT., 30,918

DISCHARGE IN CUBIC FEET PER SECOND — Total Flow via the Berrenda Mesa Pipeline at Head — Year: 2000

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	43	0	0	0	0	0	0	0	0	0
10	0	0	63	0	0	0	0	0	0	0	0	0
11	0	0	67	0	0	0	0	0	0	0	0	0
12	0	0	70	0	0	0	0	0	0	0	0	0
13	0	0	73	0	0	0	0	0	0	0	0	0
14	0	0	67	0	0	0	0	0	0	0	0	0
15	0	0	53	0	0	0	0	0	0	0	0	0
16	0	0	26	0	0	0	0	0	0	0	0	0
17	0	0	8	0	0	0	0	0	0	0	0	0
18	0	0	6	0	0	0	0	0	0	0	0	0
19	0	0	4	0	0	0	0	0	0	0	0	0
20	0	0	4	0	0	0	0	0	0	0	0	0
21	0	0	3	0	0	0	0	0	0	0	0	0
22	0	0	3	0	0	0	0	0	0	0	0	0
23	0	0	4	0	0	0	0	0	0	0	0	0
24	0	0	4	0	0	0	0	0	0	0	0	0
25	0	0	3	0	0	0	0	0	0	0	0	0
26	0	0	3	0	0	0	0	0	0	0	0	0
27	0	0	3	0	0	0	0	0	0	0	0	0
28	0	0	5	0	0	0	0	0	0	0	0	0
29	0	0	4	0	0	0	0	0	0	0	0	0
30	0	-	2	0	0	0	0	0	0	0	0	0
31	0	-	0	-	0	-	0	0	-	0	-	0
TOTAL	0	0	518	0	0	0	0	0	0	0	0	0
MAXIMUM DAY	0	0	73	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	17	0	0	0	0	0	0	0	0	0
TOTAL AC. FT.	0	0	1,027	0	0	0	0	0	0	0	0	0

WHOLE YEAR:- TOTAL, 518 MAX., 73 MIN., 0 MEAN, 1 TOTAL AC.FT., 1,027

Cross Valley Canal - Turnout #1 to Kern River Channel

DISCHARGE IN CUBIC FEET PER SECOND (As reported by Kern County Water Agency) **Year: 2000**

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	0	0	0	96	24	0	0	0	0	0	0
2	0	0	0	0	131	10	0	0	0	0	0	0
3	0	0	0	0	162	0	0	0	0	0	0	0
4	0	0	0	0	166	0	0	0	0	0	0	0
5	0	0	0	0	160	0	0	0	0	0	0	0
6	0	0	0	0	167	0	0	0	0	0	0	0
7	0	0	0	0	164	0	0	0	0	0	0	0
8	0	0	0	0	164	0	0	0	0	0	0	0
9	0	0	0	0	166	0	0	0	0	0	0	0
10	0	0	0	0	163	0	0	0	0	0	0	0
11	0	0	0	0	165	0	0	0	0	0	0	0
12	0	0	0	0	168	0	0	0	0	0	0	0
13	0	0	0	0	169	0	0	0	0	0	0	0
14	0	0	0	0	175	0	0	0	0	0	0	0
15	0	0	0	0	180	0	0	0	0	0	0	0
16	0	0	21	0	132	0	0	0	0	0	0	0
17	0	0	19	0	99	0	0	0	0	0	0	0
18	0	0	0	0	96	0	0	0	0	0	0	0
19	0	0	0	0	55	0	0	0	0	0	0	0
20	0	0	0	0	27	0	0	0	0	0	0	0
21	0	0	0	0	20	0	0	0	0	0	0	0
22	0	0	0	0	14	0	0	0	0	0	0	0
23	0	0	0	0	13	0	0	0	0	0	0	0
24	0	0	0	0	13	0	0	0	0	0	0	0
25	0	0	0	0	16	0	0	0	0	0	0	0
26	0	0	0	0	23	0	0	0	0	0	0	0
27	0	0	0	35	23	0	0	0	0	0	0	0
28	0	0	0	65	25	0	0	0	0	0	0	0
29	0	0	0	65	23	0	0	0	0	0	0	0
30	0	-	0	99	25	0	0	0	0	0	0	0
31	0	-	0	-	25	-	0	0	-	0	-	0
TOTAL	0	0	40	264	3,025	34	0	0	0	0	0	0
MAXIMUM DAY	0	0	21	99	180	24	0	0	0	0	0	0
MINIMUM DAY	0	0	0	0	13	0	0	0	0	0	0	0
MEAN	0	0	1	9	98	1	0	0	0	0	0	0
TOTAL AC. FT.	0	0	79	524	6,000	68	0	0	0	0	0	0

WHOLE YEAR:- TOTAL, 3,363 MAX., 180 MIN., 0 MEAN, 9 TOTAL AC.FT., 6,671

DISCHARGE IN CUBIC FEET PER SECOND

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

Year: 2000

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

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

DISCHARGE IN CUBIC FEET PER SECOND

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

Year: 2000

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	0	105	0	0	0	46	25	0	0	0	0
2	0	0	98	0	0	0	44	22	0	0	0	0
3	0	0	99	0	0	0	52	25	0	0	0	0
4	0	0	77	0	0	0	70	25	0	0	0	0
5	0	0	54	0	0	21	50	25	0	0	0	0
6	0	0	54	0	0	38	30	25	0	0	0	0
7	0	0	24	0	0	31	27	25	0	0	0	0
8	0	0	0	0	0	29	26	24	0	0	0	0
9	0	0	0	0	0	28	25	24	0	0	0	0
10	0	0	0	0	0	30	25	24	0	0	0	0
11	0	0	0	0	0	29	26	25	0	0	0	0
12	0	0	0	0	0	30	26	24	0	0	0	0
13	0	0	0	0	0	29	26	24	0	0	0	0
14	0	0	0	0	0	31	26	24	0	0	0	0
15	0	0	0	0	0	31	26	25	0	0	0	0
16	0	28	0	0	0	32	26	25	0	0	0	0
17	0	51	0	0	0	31	26	25	0	0	0	0
18	0	70	0	0	0	29	26	24	0	0	0	0
19	0	101	0	0	0	31	26	25	0	0	0	0
20	0	51	0	0	0	32	25	27	0	0	0	0
21	0	0	0	0	0	31	26	9	0	0	0	0
22	0	0	0	0	0	31	26	0	0	0	0	0
23	0	49	0	0	0	31	26	0	0	0	0	0
24	0	120	0	0	0	32	26	0	0	0	41	0
25	0	119	0	0	0	31	25	0	0	0	15	0
26	0	88	0	0	0	32	26	0	0	0	54	0
27	0	86	0	0	0	31	26	0	0	0	17	0
28	0	85	0	0	0	32	26	0	0	0	0	0
29	0	83	0	0	0	31	26	0	0	0	0	0
30	0	-	0	0	0	33	26	0	0	0	0	0
31	0	-	0	-	0	-	26	0	-	0	-	0
TOTAL	0	931	511	0	0	797	939	501	0	0	127	0
MAXIMUM DAY	0	120	105	0	0	38	70	27	0	0	54	0
MINIMUM DAY	0	0	0	0	0	0	25	0	0	0	0	0
MEAN	0	32	16	0	0	27	30	16	0	0	4	0
TOTAL AC. FT.	0	1,847	1,014	0	0	1,581	1,861	994	0	0	252	0

WHOLE YEAR:- TOTAL, 3,806 MAX., 120 MIN., 0 MEAN, 10 TOTAL AC.FT., 7,549

Cross Valley Canal - Turnout #4 to Kern River Channel

DISCHARGE IN CUBIC FEET PER SECOND (As reported by Kern County Water Agency) Year: 2000

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	0	34	0	0	46	62	47	76	0	0	51
2	0	0	20	0	0	59	86	46	119	0	0	17
3	0	0	36	0	0	57	100	45	145	0	0	6
4	0	0	28	38	0	58	107	47	144	0	0	4
5	0	0	0	79	0	30	76	47	116	0	0	0
6	0	0	0	74	0	19	49	48	61	0	0	10
7	0	0	0	69	0	44	50	47	52	0	0	15
8	0	0	0	71	0	59	50	47	54	0	0	0
9	0	0	0	71	0	61	49	47	43	0	0	0
10	0	0	0	74	0	60	50	47	0	1	0	5
11	0	0	0	73	0	59	50	48	0	19	0	3
12	0	0	0	71	0	59	48	48	0	0	0	11
13	0	0	0	72	0	60	49	48	0	0	0	16
14	0	0	0	73	0	62	50	48	0	0	0	16
15	0	0	0	72	0	70	50	48	0	0	0	18
16	0	0	14	71	0	57	49	46	0	0	0	11
17	0	0	57	63	0	126	49	45	0	0	0	0
18	0	0	60	55	0	90	50	45	0	0	0	0
19	0	25	50	56	0	55	50	46	0	0	0	5
20	0	27	55	54	0	56	50	47	0	0	0	2
21	0	0	75	53	0	55	50	63	0	0	0	0
22	0	0	70	53	0	56	50	100	0	0	0	0
23	0	11	72	53	0	56	50	113	0	0	0	0
24	0	0	75	1	0	55	50	73	0	0	0	0
25	0	0	67	0	0	57	50	74	0	0	0	0
26	0	0	66	0	88	56	50	75	0	0	0	0
27	0	0	67	0	149	56	50	75	0	0	0	0
28	0	0	48	0	153	55	50	74	0	0	17	0
29	0	0	37	0	156	55	50	118	0	0	63	0
30	0	-	38	0	114	53	49	107	0	0	44	0
31	0	-	24	-	55	-	50	76	-	0	-	0
TOTAL	0	63	993	1,296	715	1,741	1,723	1,885	810	20	124	190
MAXIMUM DAY	0	27	75	79	156	126	107	118	145	19	63	51
MINIMUM DAY	0	0	0	0	0	19	48	45	0	0	0	0
MEAN	0	2	32	43	23	58	56	61	27	1	4	6
TOTAL AC. FT.	0	125	1,970	2,570	1,418	3,453	3,418	3,739	1,607	40	246	377

WHOLE YEAR:- TOTAL, 9,560 MAX., 156 MIN., 0 MEAN, 26 TOTAL AC.FT., 18,963

NORTH KERN WATER STORAGE DISTRICT



Beardsley Canal Headgate
1980

NORTH KERN WATER STORAGE DISTRICT

Quantities in acre-feet

Year: 2000

		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
NKWSD River Entitlement	+	1,052	7,135	1,182	7,462	32,000	13,361	149	14	0	0	0	0	62,355
Release	+ or -	5,242	10,342	4,926	1,030	0	0	0	0	0	4,041	7,057	2,243	34,881
ENTITLEMENT + OR - RELEASE	=	**6,294**	**17,477**	**6,108**	**8,492**	**32,000**	**13,361**	**149**	**14**	**0**	**4,041**	**7,057**	**2,243**	**97,236**
From KRC & Irr. Company	+	0	111	0	212	1,040	543	0	0	0	0	0	0	1,906
From City of Bakersfield	+	185	476	3,540	379	0	6,081	10,000	10,000	0	0	0	0	30,661
From Isabella Reservoir Storage	+	3,242	167	3,366	9,274	1,749	5,355	14,859	10,170	6,487	2,971	16	3,711	61,367
From Cawelo WD	+	0	0	0	0	0	0	0	0	0	0	0	0	0
From Buena Vista WSD	+	0	0	0	0	0	0	0	0	0	0	0	0	0
From Kern Delta WD	+	0	0	580	24	0	0	0	0	0	0	0	0	604
To La Hacienda, Inc.	-	0	0	0	0	0	0	0	0	0	0	0	0	0
To City of Bakersfield	-	0	3,844	2,408	0	0	0	0	0	0	0	0	114	6,366
To Improvement District #4	-	1,753	1,781	1,472	1,000	2,000	2,000	2,000	2,838	688	0	738	2,599	18,869
To Cawelo WD	-	0	305	0	0	0	0	0	0	0	0	0	0	305
Into Isabella Reservoir Storage	-	1,476	6,839	3,439	1,230	17,357	8,375	7,665	7,581	0	1,325	2,229	190	57,706
Other	+ or -	0	0	0	0	0	0	0	0	0	0	0	6	6
TOTAL DIVERTED FROM RIVER	=	**6,492**	**5,462**	**6,275**	**16,151**	**15,432**	**14,965**	**15,343**	**9,765**	**5,799**	**5,687**	**4,106**	**3,057**	**108,534**
Loss to Seventh Standard Line	-	96	217	99	60	61	60	61	61	60	61	90	119	1,045
Oilfield Discharge	+	230	345	191	403	290	192	82	135	208	261	224	228	2,789
NKWSD Deep Well Production	+	0	0	0	0	2,579	4,102	4,044	2,616	1,661	2,835	0	0	17,837
Poso Creek Natural Flow	+	0	0	0	0	0	0	0	0	0	0	0	0	0
Friant-Kern Inflow to Poso Creek	+	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Inflow to Poso Creek	+	0	555	3,138	0	0	0	0	0	0	0	0	0	3,693
Kern River Canal & Irrigating Company	-	0	0	0	0	0	0	0	0	0	0	0	0	0
Rosedale Ranch Improvement District	-	139	149	167	547	322	0	0	0	0	0	214	83	1,621
Semitropic WSD via Poso Creek	-	0	0	0	0	0	0	0	0	0	0	0	0	0
CVC Conduit "A" Inflow	+	0	0	0	1,573	4,963	4,770	5,086	4,393	1,083	0	0	0	21,868
TOTAL DISTRICT SUPPLY	=	**6,487**	**5,996**	**9,338**	**17,520**	**22,881**	**23,969**	**24,494**	**16,848**	**8,691**	**8,722**	**4,026**	**3,083**	**152,055**
Class 1 Irrigation Deliveries	+	3,051	2,150	2,348	8,753	12,299	15,631	15,854	11,854	5,452	5,185	1,440	1,000	85,017
Class 2 Irrigation Deliveries	+	1,351	686	1,714	4,787	6,619	4,798	5,230	3,224	1,464	1,494	1,013	1,020	33,400
Semitropic WSD Irrigation Deliveries	+	0	95	64	129	69	0	0	0	0	0	0	0	357
Shafter-Wasco ID Irrigation Deliveries	+	0	198	194	0	0	0	0	0	0	0	0	0	392
TOTAL IRRIGATION USE	=	**4,402**	**3,129**	**4,320**	**13,669**	**18,987**	**20,429**	**21,084**	**15,078**	**6,916**	**6,679**	**2,453**	**2,020**	**119,166**
District Spreading Ponds (Kern)	+	0	948	194	0	0	0	0	0	0	0	0	0	1,142
District Spreading Ponds (Other)	+	0	0	1,246	0	0	0	0	0	0	0	0	0	1,246
Poso Creek Spreading (Kern)	+	50	0	0	0	0	0	0	0	0	0	0	0	50
Poso Creek Spreading (Other)	+	0	555	1,676	0	0	0	0	0	0	0	0	0	2,231
TOTAL DISTRICT SPREADING	=	**50**	**1,503**	**3,116**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**4,669**
TOTAL DISTRICT USE		**4,452**	**4,632**	**7,436**	**13,669**	**18,987**	**20,429**	**21,084**	**15,078**	**6,916**	**6,679**	**2,453**	**2,020**	**123,835**
Total NKWSD Canal Loss		2,035	1,364	1,902	3,851	3,894	3,540	3,410	1,770	1,775	2,043	1,573	1,063	28,220
Into Reservoir Storage		1,476	6,839	3,439	1,230	17,357	8,375	7,665	7,581	0	1,325	2,229	190	57,706
Reservoir Evaporation Loss		346	263	664	963	1,313	1,900	2,232	2,430	1,732	1,015	592	535	13,985
From Reservoir Storage		3,242	167	3,366	9,274	1,749	5,355	14,859	10,170	6,487	2,971	16	3,711	61,367
END OF MONTH RESERVOIR STORAGE		**53,256**	**59,665**	**59,074**	**50,067**	**64,362**	**65,482**	**56,056**	**51,037**	**42,818**	**40,157**	**41,778**	**37,722**	

DISCHARGE IN CUBIC FEET PER SECOND

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

Year: 2000

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	121	42	122	270	366	459	407	434	255	112	102	29
2	114	83	103	368	423	441	417	421	264	135	100	25
3	90	108	78	397	474	412	455	434	288	161	101	29
4	19	96	63	441	468	405	505	425	253	191	104	23
5	0	81	71	487	390	404	542	402	225	242	104	38
6	0	93	105	461	353	400	555	397	205	230	109	43
7	0	48	58	425	368	461	548	416	134	180	104	58
8	0	29	60	383	427	474	487	382	133	213	92	47
9	0	48	37	382	456	502	477	348	144	259	83	39
10	0	35	44	394	441	467	502	342	162	227	84	36
11	0	129	60	434	376	473	522	352	220	221	85	55
12	0	226	59	483	353	498	514	330	273	231	88	90
13	0	246	55	497	315	530	506	334	252	209	83	91
14	0	192	41	484	309	553	512	365	250	149	92	76
15	13	91	69	453	318	550	445	398	248	135	98	75
16	62	78	88	400	370	491	568	436	239	151	128	73
17	130	80	113	406	374	499	610	411	199	156	120	76
18	136	79	122	374	371	537	557	406	212	155	122	78
19	223	82	167	297	374	567	516	399	193	175	133	72
20	233	79	180	196	372	505	488	397	167	169	134	73
21	228	65	209	130	365	481	453	392	163	104	129	73
22	229	102	233	158	425	479	398	359	162	105	115	74
23	234	107	233	288	533	457	353	315	145	135	58	87
24	260	102	195	367	577	456	411	248	138	219	63	88
25	261	124	185	409	589	480	460	220	99	231	70	87
26	251	121	262	427	536	521	524	252	224	197	65	89
27	226	103	262	409	427	599	532	305	245	144	44	62
28	203	108	273	368	448	593	496	317	229	115	31	57
29	182	135	259	323	516	585	444	332	209	132	28	51
30	151	-	230	303	524	501	424	330	140	135	29	23
31	69	-	206	-	481	-	434	263	-	116	-	8
TOTAL	3,435	2,912	4,242	11,214	13,119	14,780	15,062	11,162	6,070	5,334	2,698	1,825
MAXIMUM DAY	261	246	273	497	589	599	610	436	288	259	134	91
MINIMUM DAY	0	29	37	130	309	400	353	220	99	104	28	8
MEAN	111	100	137	374	423	493	486	360	202	172	90	59
TOTAL AC. FT.	6,813	5,776	8,414	22,243	26,021	29,316	29,875	22,140	12,040	10,580	5,351	3,620

WHOLE YEAR:- TOTAL, 91,853 MAX., 610 MIN., 0 MEAN, 251 TOTAL AC.FT., 182,189

DISCHARGE IN CUBIC FEET PER SECOND — Oilfield Discharge Diverted via Beardsley Canal (Total Flow) — Year: 2000

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	8	3	2	3	10	8	2	2	4	6	7	4
2	7	11	2	7	9	10	2	6	5	7	5	5
3	11	11	5	8	5	12	2	5	5	7	6	5
4	3	9	7	8	6	13	2	2	5	5	8	5
5	0	7	6	14	9	10	2	2	4	7	6	9
6	0	3	6	14	7	12	1	3	4	6	7	7
7	0	3	4	14	5	7	2	2	5	8	6	7
8	0	3	3	11	5	8	2	2	5	6	6	7
9	0	9	5	13	5	5	2	2	5	6	6	7
10	0	9	4	14	10	2	2	2	5	6	6	7
11	0	9	4	6	11	3	2	3	7	6	7	6
12	0	11	5	5	4	7	2	3	7	6	8	4
13	0	11	5	3	6	7	2	3	6	4	8	5
14	0	10	7	12	5	8	2	4	6	5	6	4
15	0	13	8	13	5	3	3	4	6	5	6	4
16	0	7	8	13	6	3	3	5	8	6	6	4
17	0	8	6	12	4	3	3	4	6	5	5	5
18	7	9	6	12	7	4	2	4	5	6	5	5
19	8	15	3	9	7	2	2	4	5	6	5	4
20	6	12	7	11	7	2	3	3	4	5	5	4
21	3	11	2	8	8	2	2	4	4	14	5	4
22	3	7	3	10	9	2	3	3	5	5	4	3
23	5	7	2	10	7	2	4	3	7	6	5	4
24	6	5	2	10	8	2	3	2	7	6	5	9
25	8	2	3	7	7	3	2	3	5	6	5	4
26	9	9	3	8	7	3	2	3	6	6	6	5
27	7	3	3	7	8	2	2	4	6	6	6	4
28	11	3	2	10	9	2	2	3	3	5	4	4
29	17	3	3	9	9	2	3	4	4	10	5	4
30	18	-	3	10	7	1	3	4	5	13	5	4
31	6	-	2	-	6	-	2	4	-	6	-	0
TOTAL	143	223	131	291	218	150	71	102	159	201	174	153
MAXIMUM DAY	18	15	8	14	11	13	4	6	8	14	8	9
MINIMUM DAY	0	2	2	3	4	1	1	2	3	4	4	0
MEAN	5	8	4	10	7	5	2	3	5	6	6	5
TOTAL AC. FT.	284	442	260	577	433	297	142	202	316	398	346	303

WHOLE YEAR:- TOTAL, 2,016 MAX., 18 MIN., 0 MEAN, 6 TOTAL AC.FT., 4,000

DISCHARGE IN CUBIC FEET PER SECOND

Total Diverted via
Cross Valley Canal Conduit "A"

Year: 2000

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	0	0	0	79	79	83	83	46	0	0	0
2	0	0	0	0	81	79	83	83	46	0	0	0
3	0	0	0	0	81	79	83	83	46	0	0	0
4	0	0	0	0	81	79	83	83	46	0	0	0
5	0	0	0	0	82	80	83	83	46	0	0	0
6	0	0	0	0	82	80	83	83	48	0	0	0
7	0	0	0	0	82	80	82	83	48	0	0	0
8	0	0	0	0	82	80	82	81	48	0	0	0
9	0	0	0	0	81	80	82	81	25	0	0	0
10	0	0	0	45	79	83	82	81	0	0	0	0
11	0	0	0	45	80	83	82	83	0	0	0	0
12	0	0	0	45	80	83	82	83	0	0	0	0
13	0	0	0	45	80	83	82	83	22	0	0	0
14	0	0	0	42	80	80	80	83	65	0	0	0
15	0	0	0	41	80	80	80	11	65	0	0	0
16	0	0	0	41	80	80	80	0	22	0	0	0
17	0	0	0	32	80	80	80	83	22	0	0	0
18	0	0	0	31	80	79	82	82	22	0	0	0
19	0	0	0	31	80	80	80	82	15	0	0	0
20	0	0	0	36	83	79	80	82	0	0	0	0
21	0	0	0	36	83	79	83	82	0	0	0	0
22	0	0	0	36	82	78	83	82	0	0	0	0
23	0	0	0	36	82	78	83	84	0	0	0	0
24	0	0	0	36	80	78	85	86	0	0	0	0
25	0	0	0	36	80	78	85	85	0	0	0	0
26	0	0	0	34	80	81	85	50	0	0	0	0
27	0	0	0	34	80	81	86	50	0	0	0	0
28	0	0	0	37	80	81	83	50	0	0	0	0
29	0	0	0	37	80	82	85	50	0	0	0	0
30	0	-	0	37	81	83	86	50	0	0	0	0
31	0	-	0	-	81	-	86	50	-	0	-	0
TOTAL	0	0	0	793	2,502	2,405	2,564	2,215	632	0	0	0
MAXIMUM DAY	0	0	0	45	83	83	86	86	65	0	0	0
MINIMUM DAY	0	0	0	0	79	78	80	0	0	0	0	0
MEAN	0	0	0	26	81	80	83	71	21	0	0	0
TOTAL AC. FT.	0	0	0	1,573	4,963	4,770	5,086	4,393	1,254	0	0	0

WHOLE YEAR:- TOTAL, 11,111 MAX., 86 MIN., 0 MEAN, 30 TOTAL AC.FT., 22,039

NORTH KERN WATER STORAGE DISTRICT

BEARDSLEY CANAL OPERATIONS

Quantities in acre-feet

Year: 2000

		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
Kern River	+	6,813	5,776	8,414	22,243	26,021	29,316	29,875	22,140	12,040	10,580	5,351	3,620	182,189
Oilfield Discharge	+	284	442	260	577	433	297	142	202	316	398	346	303	4,000
C.V.C. Conduit "A"	+	0	0	0	1,573	4,963	4,770	5,086	4,393	1,254	0	0	0	22,039
+ TOTAL BEARDSLEY CANAL SUPPLY	**=**	**7,097**	**6,218**	**8,674**	**24,393**	**31,417**	**34,383**	**35,103**	**26,735**	**13,610**	**10,978**	**5,697**	**3,923**	**208,228**
KRC & Irr. Co. # 1 Lateral (Total Flow)	+	14	0	0	51	9	0	169	411	202	165	93	0	1,114
KRC & Irr. Co. # 4 Lateral	+	0	0	169	604	583	664	611	605	498	318	74	83	4,209
KRC & Irr. Co. # 5 Lateral	+	0	23	164	536	693	589	758	674	514	460	72	108	4,591
KRC & Irr. Co. Bidart Boosters	+	75	48	155	263	318	258	242	223	216	178	5	82	2,063
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	2	1	0	2	0	1	0	0	0	0	6
Lined Section Loss	+	20	24	36	60	61	60	61	61	60	61	48	46	598
- TOTAL KRC & IRR. CO. DIVERTED	**=**	**109**	**95**	**526**	**1,515**	**1,664**	**1,573**	**1,841**	**1,975**	**1,490**	**1,182**	**292**	**319**	**12,581**
Kern River Supply	-	79	46	526	1,365	1,521	1,468	1,781	1,908	1,382	1,053	196	246	11,571
Oilfield Discharge Supply	-	30	49	0	150	143	105	60	67	108	129	96	73	1,010
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"	+	252	317	1,500	4,187	8,194	11,685	11,488	9,542	4,627	3,511	839	295	56,437
Cawelo WD Lerdo Gate Deliveries	+	2	62	117	452	716	1,003	1,067	753	291	236	182	4	4,885
Lined Section Loss	+	10	30	48	60	61	60	61	61	60	61	42	18	572
Lerdo Canal Loss	+	2	4	17	52	97	135	135	111	52	40	12	2	659
- TOTAL CAWELO WD DIVERTED	**=**	**266**	**413**	**1,682**	**4,751**	**9,068**	**12,883**	**12,751**	**10,467**	**5,030**	**3,848**	**1,075**	**319**	**62,553**
Kern River Supply	-	242	365	1,613	4,727	9,068	12,883	12,751	10,467	4,859	3,840	1,049	317	62,181
Oilfield Discharge Supply	-	24	48	69	24	0	0	0	0	0	8	26	2	201
C.V.C. Conduit "A" Supply	=	0	0	0	0	0	0	0	0	171	0	0	0	171
- Rosedale Ranch ID Diverted	+	139	149	167	547	322	0	0	0	0	0	214	83	1,621
Kern River Supply	-	139	149	167	547	322	0	0	0	0	0	214	83	1,621
C.V.C. Conduit "A" Supply	=	0	0	0	0	0	0	0	0	0	0	0	0	0
- KRC & Irr. Co. Diverted		0	0	0	0	0	0	0	0	0	0	0	0	0
- Kern-Tulare WD/Rag Gulch WD Diverted		0	0	0	0	0	0	0	0	0	0	0	0	0
- Lined Section Loss: NKWSD	+	96	120	99	60	61	60	61	61	60	61	90	119	948
= NKWSD FROM LERDO CANAL	**+**	**6,487**	**5,441**	**6,200**	**17,520**	**20,302**	**19,867**	**20,450**	**14,232**	**7,030**	**5,887**	**4,026**	**3,083**	**130,525**
Kern River Supply	-	6,353	5,216	6,108	15,604	15,110	14,965	15,343	9,765	5,799	5,687	3,892	2,974	106,816
Oilfield Discharge Supply	-	230	345	191	403	290	192	82	135	208	261	224	228	2,789
C.V.C. Conduit "A" Supply	=	0	0	0	1,573	4,963	4,770	5,086	4,393	1,083	0	0	0	21,868

DISCHARGE IN CUBIC FEET PER SECOND — Lerdo Canal at Seventh Standard Line (Total Flow) — Year: 2000

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	122	42	121	257	426	523	455	508	286	113	105	23
2	115	91	102	361	496	508	475	475	297	121	102	20
3	98	116	80	387	547	483	502	478	319	142	104	25
4	19	102	67	420	543	478	550	466	282	169	108	19
5	0	85	74	468	467	463	591	446	249	224	107	38
6	0	92	108	441	424	456	598	440	208	215	112	39
7	0	44	59	398	429	506	602	453	143	170	105	53
8	0	25	60	357	465	524	541	428	146	202	89	42
9	0	52	39	358	497	546	545	401	133	253	81	36
10	0	40	45	403	487	521	569	394	140	222	76	37
11	0	135	61	441	428	538	579	407	193	218	82	56
12	0	234	61	491	394	557	559	385	247	210	88	88
13	0	254	57	506	375	591	547	401	244	180	83	87
14	0	195	44	498	377	605	545	406	290	117	90	69
15	10	97	71	476	379	593	480	366	287	109	99	71
16	59	78	89	436	422	530	608	384	245	111	131	74
17	125	85	114	429	421	544	646	444	214	116	122	78
18	131	85	124	395	412	579	594	451	191	121	124	74
19	219	94	164	323	418	608	558	446	168	143	132	70
20	227	88	169	228	417	555	540	445	128	143	123	74
21	224	73	193	155	420	535	514	441	131	96	122	73
22	229	102	217	186	488	531	462	413	134	96	108	73
23	236	107	206	329	596	510	420	367	134	115	57	88
24	261	102	167	395	642	514	469	302	137	204	60	94
25	264	121	158	422	652	548	517	287	92	214	69	88
26	256	127	244	433	595	587	581	290	220	191	66	83
27	230	103	242	421	490	666	590	343	238	146	42	53
28	211	108	254	387	524	660	553	340	221	116	26	44
29	196	135	241	346	578	653	509	358	198	138	21	49
30	166	-	213	327	586	570	504	353	135	144	25	24
31	72	-	189	-	543	-	504	303	-	118	-	5
TOTAL	3,470	3,012	4,033	11,474	14,938	16,482	16,707	12,421	6,050	4,877	2,659	1,747
MAXIMUM DAY	264	254	254	506	652	666	646	508	319	253	132	94
MINIMUM DAY	0	25	39	155	375	456	420	287	92	96	21	5
MEAN	112	104	130	382	482	549	539	401	202	157	89	56
TOTAL AC. FT.	6,882	5,973	8,001	22,758	29,631	32,690	33,140	24,638	12,000	9,674	5,273	3,467

WHOLE YEAR:- TOTAL, 97,870 MAX., 666 MIN., 0 MEAN, 267 TOTAL AC.FT., 194,127

NORTH KERN WATER STORAGE DISTRICT

LERDO CANAL OPERATIONS

Quantities in acre-feet

Year: 2000

		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
Total Beardsley Canal Supply	+	**7,097**	**6,218**	**8,674**	**24,393**	**31,417**	**34,383**	**35,103**	**26,735**	**13,610**	**10,978**	**5,697**	**3,923**	**208,228**
+ KRC & Irr. Co. Laterals		14	23	333	1,191	1,285	1,253	1,538	1,690	1,214	943	239	191	9,914
+ KRC & Irr. Co. Boosters		75	48	157	264	318	260	242	224	216	178	5	82	2,069
+ Lined Section Loss: KRC & Irr. Co.		20	24	36	60	61	60	61	61	60	61	48	46	598
= **KRC & Irr. Co. from Beardsley**	-	**109**	**95**	**526**	**1,515**	**1,664**	**1,573**	**1,841**	**1,975**	**1,490**	**1,182**	**292**	**319**	**12,581**
Rosedale Ranch ID via 1-1-0	-	0	0	0	0	0	0	0	0	0	0	0	0	0
KCWA-ID4 via 1-1-0 Lateral	-	0	0	0	0	0	0	0	0	0	0	0	0	0
North Kern WSD via 1-1-0	-	0	0	0	0	0	0	0	0	0	0	0	0	0
Lined Section Loss: Cawelo WD	-	10	30	48	60	61	60	61	61	60	61	42	18	572
Lined Section Loss: NKWSD	-	96	120	99	60	61	60	61	61	60	61	90	119	948
Lerdo Canal Total Flow	=	**6,882**	**5,973**	**8,001**	**22,758**	**29,631**	**32,690**	**33,140**	**24,638**	**12,000**	**9,674**	**5,273**	**3,467**	**194,127**
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	-	139	149	167	547	322	0	0	0	0	0	214	83	1,621
K-TWD/RGWD via 8-17-0	-	0	0	0	0	0	0	0	0	0	0	0	0	0
+ Cawelo WD Delivered at Sta. "B"		252	317	1,500	4,187	8,194	11,685	11,488	9,542	4,627	3,511	839	295	56,437
+ Cawelo WD 8-0 Deliveries		2	62	117	452	716	1,003	1,067	753	291	236	182	4	4,885
+ Lerdo Loss: to Station "B"		2	3	15	42	82	117	115	96	46	35	8	2	563
+ Lerdo Loss: 8-0 Deliveries		0	1	2	10	15	18	20	15	6	5	4	0	96
= **Cawelo WD Total from Lerdo**	-	**256**	**383**	**1,634**	**4,691**	**9,007**	**12,823**	**12,690**	**10,406**	**4,970**	**3,787**	**1,033**	**301**	**61,981**
North Kern WSD from Lerdo	=	**6,487**	**5,441**	**6,200**	**17,520**	**20,302**	**19,867**	**20,450**	**14,232**	**7,030**	**5,887**	**4,026**	**3,083**	**130,525**

DISCHARGE IN CUBIC FEET PER SECOND — Total Flow via the Calloway Canal Headgate — Year: 2000

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	20	11	19	40	48	56	65	62	53	105	36	80
2	20	21	19	42	43	56	65	68	53	59	41	44
3	25	21	21	42	50	56	65	70	58	56	45	32
4	31	23	22	43	49	59	62	67	61	20	46	31
5	29	19	21	46	47	60	61	67	57	29	42	34
6	26	17	21	45	46	59	59	66	58	57	42	34
7	25	17	22	44	48	59	63	65	61	55	37	36
8	24	20	22	42	47	55	57	68	61	55	40	23
9	27	20	55	44	46	48	64	66	60	54	36	34
10	27	19	46	41	43	48	62	66	56	43	41	36
11	22	19	20	42	44	62	59	62	60	56	41	33
12	24	25	29	47	44	58	63	58	57	45	45	42
13	25	61	21	48	50	58	68	61	55	43	49	42
14	30	25	28	38	52	68	57	63	58	49	7	41
15	29	24	27	40	47	66	63	62	57	46	40	47
16	27	16	29	39	40	66	63	65	58	45	44	40
17	28	16	36	37	38	57	62	65	57	59	38	33
18	21	21	33	32	49	64	64	67	59	37	33	17
19	21	18	28	29	55	65	60	58	59	51	39	39
20	21	19	28	36	55	59	67	59	58	52	43	32
21	20	19	32	44	53	65	64	66	54	42	38	27
22	21	19	33	40	55	65	59	59	46	44	38	29
23	21	19	36	39	57	66	59	61	56	49	39	29
24	26	23	35	39	64	65	66	62	56	47	39	27
25	21	24	32	41	60	59	64	63	54	46	38	28
26	12	21	34	49	56	66	65	61	56	42	33	28
27	14	21	38	50	52	71	65	59	55	44	32	25
28	19	27	37	32	57	70	56	61	46	44	60	28
29	22	22	34	43	58	66	65	57	52	45	99	31
30	18	-	33	52	55	65	67	55	54	42	75	27
31	18	-	38	-	57	-	67	55	-	37	-	16
TOTAL	714	627	929	1,246	1,565	1,837	1,946	1,944	1,685	1,498	1,276	1,045
MAXIMUM DAY	31	61	55	52	64	71	68	70	61	105	99	80
MINIMUM DAY	12	11	19	29	38	48	56	55	46	20	7	16
MEAN	23	22	30	42	50	61	63	63	56	48	43	34
TOTAL AC. FT.	1,416	1,244	1,843	2,471	3,104	3,644	3,860	3,856	3,342	2,971	2,531	2,073

WHOLE YEAR:- TOTAL, 16,312 MAX., 105 MIN., 7 MEAN, 45 TOTAL AC.FT., 32,355

NORTH KERN WATER STORAGE DISTRICT
CALLOWAY CANAL OPERATIONS

Quantities in acre-feet

Year: 2000

		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
FLOW AT HEADWORKS	+	**1,416**	**1,244**	**1,843**	**2,471**	**3,104**	**3,644**	**3,860**	**3,856**	**3,342**	**2,971**	**2,531**	**2,073**	**32,355**
KCWA Armco Turnout	-	1,291	1,011	1,639	2,350	2,975	3,485	3,695	3,711	3,193	2,591	2,390	1,990	30,321
Seepage Loss	-	60	65	87	101	119	139	149	137	123	107	83	69	1,239
FLOW AT MEASURING STATION	=	**65**	**168**	**117**	**20**	**10**	**20**	**16**	**8**	**26**	**273**	**58**	**14**	**795**
CVC Turnout to Calloway	+	0	387	1,139	0	0	0	0	0	0	0	0	0	1,526
Seepage Loss	-	65	79	175	20	10	20	16	8	26	105	38	10	572
FLOW AT BUCK OWENS WEIR	=	**0**	**476**	**1,081**	**0**	**0**	**0**	**0**	**0**	**0**	**168**	**20**	**4**	**1,749**
Friant-Kern Inflow	+	0	0	0	0	0	0	0	0	0	0	0	0	0
KRC & Irr. Co. 1-1-0 Inflow	+	0	0	0	0	0	0	0	0	0	0	0	0	0
KRC & Irr. Co. Calloway Delivery	-	0	0	0	0	0	0	0	0	0	0	0	0	0
Seepage Loss	-	0	476	1,081	0	0	0	0	0	0	168	20	4	1,749
FLOW AT LABORDE WEIR	=	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
KRC & Irr. Co. Calloway Delivery	-	0	0	0	0	0	0	0	0	0	0	0	0	0
Rosedale Ranch ID at Headworks	-	0	0	0	0	0	0	0	0	0	0	0	0	0
Seepage Loss	-	0	0	0	0	0	0	0	0	0	0	0	0	0
NKWSD 8-1-0 Inflow	+	0	0	0	0	0	0	0	0	0	0	0	0	0
FLOW AT SEVENTH STANDARD LINE	=	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
for Rosedale Ranch ID	-	0	0	0	0	0	0	0	0	0	0	0	0	0
for North Kern WSD	=	0	0	0	0	0	0	0	0	0	0	0	0	0
KERN COUNTY WATER AGENCY / ID4:														
Operating Loss	+	92	101	129	149	169	191	207	198	174	155	124	117	1,806
Turnout #4 to River	+	0	0	0	0	0	0	0	0	0	40	246	377	663
ID4 Treatment Plant	+	1,259	975	1,597	2,302	2,925	3,433	3,637	3,650	3,142	2,497	2,085	1,521	29,023
Cross Valley Canal Filling Losses	+	0	0	0	0	0	0	0	0	0	6	18	44	68
CVC Backflow (Net)	+	0	0	0	0	0	0	0	0	0	0	0	0	0
Spreading Below Measuring Station	+	65	458	1,256	20	10	20	16	8	26	273	58	14	2,224
TOTAL DIVERTED	=	**1,416**	**1,534**	**2,982**	**2,471**	**3,104**	**3,644**	**3,860**	**3,856**	**3,342**	**2,971**	**2,531**	**2,073**	**33,784**
KERN RIVER CANAL & IRRIGATING CO.:														
Calloway Irrigation Deliveries	+	0	0	0	0	0	0	0	0	0	0	0	0	0
Delivery Loss/ Spreading	+	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL DIVERTED	=	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
ROSEDALE RANCH ID:														
Flow at Headworks	+	0	0	0	0	0	0	0	0	0	0	0	0	0
Flow at Seventh Standard Line	+	0	0	0	0	0	0	0	0	0	0	0	0	0
Assigned Loss	+	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL DIVERTED	=	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
NORTH KERN WATER STORAGE DISTRICT:														
Flow at Seventh Standard Line	+	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Loss	+	0	97	0	0	0	0	0	0	0	0	0	0	97
TOTAL DIVERTED	=	**0**	**97**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**97**

North Kern Water Storage District

DISCHARGE IN CUBIC FEET PER SECOND — Class 1 Irrigation Deliveries — Year: 2000

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	8	28	27	94	165	296	264	251	122	39	0	18
2	12	22	31	85	169	267	160	248	122	111	41	3
3	9	11	12	172	211	239	278	265	52	75	34	3
4	12	27	15	183	227	143	270	281	104	89	25	5
5	8	19	14	224	226	273	220	230	109	85	13	5
6	8	15	12	200	192	269	298	149	99	117	0	9
7	3	10	22	185	125	270	289	255	120	96	0	17
8	8	17	22	155	163	261	288	245	121	76	83	12
9	8	29	13	102	182	296	181	233	105	151	59	8
10	20	27	14	186	200	268	321	255	51	166	33	3
11	21	30	16	167	241	133	301	257	114	148	20	19
12	19	37	0	188	216	262	286	180	102	148	8	18
13	18	29	0	205	158	239	270	120	64	124	17	18
14	18	45	8	222	62	268	251	162	86	109	44	11
15	8	59	24	167	170	280	259	155	82	60	45	11
16	12	36	17	103	173	299	161	176	145	114	49	8
17	19	52	38	162	243	278	299	239	43	111	49	7
18	43	62	21	138	209	153	277	241	66	124	35	29
19	68	37	16	128	220	263	276	177	78	86	16	29
20	155	48	51	138	184	271	300	110	70	74	43	24
21	116	49	60	101	117	267	272	177	77	40	34	39
22	143	49	80	83	215	276	274	176	130	23	24	34
23	86	26	70	15	237	304	154	176	99	87	8	16
24	121	71	62	153	226	274	262	179	29	83	7	2
25	118	65	50	144	232	197	250	216	98	106	15	0
26	111	44	27	180	242	323	267	172	85	63	4	17
27	105	34	90	176	234	324	273	47	92	52	10	36
28	91	57	85	132	147	313	282	164	108	11	10	35
29	80	49	83	141	258	289	275	143	105	3	0	33
30	50	-	108	84	253	286	162	140	71	10	0	23
31	40	-	96	-	304	-	273	157	-	33	-	12
TOTAL	1,538	1,084	1,184	4,413	6,201	7,881	7,993	5,976	2,749	2,614	726	504
MAXIMUM DAY	155	71	108	224	304	324	321	281	145	166	83	39
MINIMUM DAY	3	10	0	15	62	133	154	47	29	3	0	0
MEAN	50	37	38	147	200	263	258	193	92	84	24	16
TOTAL AC. FT.	3,051	2,150	2,348	8,753	12,299	15,631	15,854	11,854	5,452	5,185	1,440	1,000

WHOLE YEAR:- TOTAL, 42,863 MAX., 324 MIN., 0 MEAN, 117 TOTAL AC.FT., 85,017

North Kern Water Storage District

DISCHARGE IN CUBIC FEET PER SECOND — Class 2 Irrigation Deliveries — Year: 2000

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	13	0	9	43	114	117	83	79	25	10	0	20
2	16	0	10	34	119	71	40	74	25	18	8	8
3	18	9	13	97	138	52	94	56	6	24	8	8
4	6	12	11	85	143	21	100	49	24	33	8	7
5	3	10	7	100	90	71	106	54	44	37	12	14
6	3	7	7	88	64	53	77	22	30	25	0	11
7	0	6	7	48	36	74	98	69	28	22	0	7
8	0	6	7	40	138	73	65	69	30	10	25	17
9	0	6	7	34	108	72	20	78	33	42	35	17
10	0	6	8	103	120	64	135	79	24	35	26	9
11	0	6	8	117	148	24	150	51	48	33	23	9
12	0	3	8	123	133	120	136	50	45	28	24	19
13	0	3	8	131	103	117	116	34	43	13	23	26
14	0	13	8	114	39	113	130	69	18	14	29	30
15	0	9	8	47	111	106	88	72	23	0	24	24
16	0	19	9	35	121	71	25	71	29	23	31	15
17	0	12	13	117	113	77	113	58	14	14	18	13
18	0	19	9	91	117	27	122	72	20	24	21	41
19	0	10	6	111	85	94	121	74	18	39	18	31
20	32	8	65	114	54	101	109	55	15	47	34	31
21	18	23	81	71	42	104	89	61	14	22	43	30
22	40	23	69	49	149	104	80	50	12	16	27	20
23	26	51	43	26	158	101	32	39	16	45	13	3
24	50	18	50	102	146	92	74	37	0	45	14	6
25	88	15	22	105	151	16	77	36	28	29	9	3
26	99	14	19	113	122	104	74	31	37	35	9	22
27	97	14	68	115	78	96	81	18	34	26	7	20
28	81	11	64	84	48	99	56	33	22	13	21	17
29	48	13	72	41	117	95	54	31	16	9	0	18
30	19	-	93	35	111	90	18	18	17	17	0	10
31	24	-	55	-	121	-	74	37	-	5	-	8
TOTAL	681	346	864	2,413	3,337	2,419	2,637	1,626	738	753	510	514
MAXIMUM DAY	99	51	93	131	158	120	150	79	48	47	43	41
MINIMUM DAY	0	0	6	26	36	16	18	18	0	0	0	3
MEAN	22	12	28	80	108	81	85	52	25	24	17	17
TOTAL AC. FT.	1,351	686	1,714	4,787	6,619	4,798	5,230	3,224	1,464	1,494	1,013	1,020

WHOLE YEAR:- TOTAL, 16,838 MAX., 158 MIN., 0 MEAN, 46 TOTAL AC.FT., 33,400

DISCHARGE IN CUBIC FEET PER SECOND

North Kern Water Storage District
Shafter-Wasco ID Irrigation Deliveries
(Non-Kern River)

Year: 2000

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	0	4	0	0	0	0	0	0	0	0	0
2	0	0	4	0	0	0	0	0	0	0	0	0
3	0	2	4	0	0	0	0	0	0	0	0	0
4	0	2	4	0	0	0	0	0	0	0	0	0
5	0	2	4	0	0	0	0	0	0	0	0	0
6	0	2	4	0	0	0	0	0	0	0	0	0
7	0	4	4	0	0	0	0	0	0	0	0	0
8	0	4	4	0	0	0	0	0	0	0	0	0
9	0	4	4	0	0	0	0	0	0	0	0	0
10	0	4	4	0	0	0	0	0	0	0	0	0
11	0	4	0	0	0	0	0	0	0	0	0	0
12	0	4	0	0	0	0	0	0	0	0	0	0
13	0	4	0	0	0	0	0	0	0	0	0	0
14	0	4	0	0	0	0	0	0	0	0	0	0
15	0	4	0	0	0	0	0	0	0	0	0	0
16	0	4	0	0	0	0	0	0	0	0	0	0
17	0	4	0	0	0	0	0	0	0	0	0	0
18	0	4	0	0	0	0	0	0	0	0	0	0
19	0	4	0	0	0	0	0	0	0	0	0	0
20	0	4	5	0	0	0	0	0	0	0	0	0
21	0	4	5	0	0	0	0	0	0	0	0	0
22	0	4	6	0	0	0	0	0	0	0	0	0
23	0	4	5	0	0	0	0	0	0	0	0	0
24	0	4	5	0	0	0	0	0	0	0	0	0
25	0	4	6	0	0	0	0	0	0	0	0	0
26	0	4	5	0	0	0	0	0	0	0	0	0
27	0	4	6	0	0	0	0	0	0	0	0	0
28	0	4	5	0	0	0	0	0	0	0	0	0
29	0	4	5	0	0	0	0	0	0	0	0	0
30	0	-	5	0	0	0	0	0	0	0	0	0
31	0	-	0	-	0	-	0	0	-	0	-	0
TOTAL	0	100	98	0	0	0	0	0	0	0	0	0
MAXIMUM DAY	0	4	6	0	0	0	0	0	0	0	0	0
MINIMUM DAY	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	3	3	0	0	0	0	0	0	0	0	0
TOTAL AC. FT.	0	198	194	0	0	0	0	0	0	0	0	0

WHOLE YEAR:- TOTAL, 198 MAX., 6 MIN., 0 MEAN, 1 TOTAL AC.FT., 392

DISCHARGE IN CUBIC FEET PER SECOND | Total Diverted to Rosedale Ranch Improvement District | Year: 2000

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	0	0	0	12	0	0	0	0	0	0	0
2	0	0	0	0	12	0	0	0	0	0	6	0
3	0	0	0	12	12	0	0	0	0	0	6	0
4	0	9	0	12	12	0	0	0	0	0	0	18
5	0	9	0	12	12	0	0	0	0	0	0	16
6	0	9	0	12	12	0	0	0	0	0	0	0
7	0	9	0	12	12	0	0	0	0	0	12	0
8	0	9	0	12	12	0	0	0	0	0	12	0
9	0	9	0	0	12	0	0	0	0	0	12	0
10	0	9	0	12	0	0	0	0	0	0	12	0
11	0	0	0	12	12	0	0	0	0	0	0	0
12	0	0	0	12	12	0	0	0	0	0	0	0
13	0	0	0	12	12	0	0	0	0	0	0	0
14	0	0	0	12	12	0	0	0	0	0	0	0
15	0	0	0	12	6	0	0	0	0	0	0	0
16	0	6	0	12	0	0	0	0	0	0	12	0
17	0	6	0	12	0	0	0	0	0	0	12	0
18	0	0	0	12	0	0	0	0	0	0	0	0
19	0	0	0	12	0	0	0	0	0	0	0	0
20	0	0	12	12	0	0	0	0	0	0	12	8
21	10	0	12	0	0	0	0	0	0	0	12	0
22	10	0	12	0	0	0	0	0	0	0	0	0
23	10	0	0	0	0	0	0	0	0	0	0	0
24	10	0	0	12	0	0	0	0	0	0	0	0
25	10	0	0	12	0	0	0	0	0	0	0	0
26	10	0	0	12	0	0	0	0	0	0	0	0
27	10	0	12	12	0	0	0	0	0	0	0	0
28	0	0	12	12	0	0	0	0	0	0	0	0
29	0	0	12	12	0	0	0	0	0	0	0	0
30	0	-	12	0	0	0	0	0	0	0	0	0
31	0	-	0	-	0	-	0	0	-	0	-	0
TOTAL	70	75	84	276	162	0	0	0	0	0	108	42
MAXIMUM DAY	10	9	12	12	12	0	0	0	0	0	12	18
MINIMUM DAY	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	2	3	3	9	5	0	0	0	0	0	4	1
TOTAL AC. FT.	139	149	167	547	322	0	0	0	0	0	214	83

WHOLE YEAR:- TOTAL, 817 MAX., 18 MIN., 0 MEAN, 2 TOTAL AC.FT., 1,621

ROSEDALE RANCH IMPROVEMENT DISTRICT

Quantities in acre-feet

Year: 2000

		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
TOTAL DIVERTED	+	**139**	**149**	**167**	**547**	**322**	**0**	**0**	**0**	**0**	**0**	**214**	**83**	**1,621**
RRID at Headgate	-	0	0	0	0	0	0	0	0	0	0	0	0	0
RRID via NKWSD 5-2 Lateral	-	0	0	0	0	0	0	0	0	0	0	0	0	0
RRID via NKWSD 5-7 Lateral	-	139	149	167	547	322	0	0	0	0	0	214	83	1,621
Upstream Diversion Loss	=	0	0	0	0	0	0	0	0	0	0	0	0	0
IRRIGATION DELIVERIES	+	**139**	**149**	**167**	**547**	**322**	**0**	**0**	**0**	**0**	**0**	**214**	**83**	**1,621**
City of Bakersfield Miscellaneous	-	0	0	0	0	0	0	0	0	0	0	0	0	0
City of Bakersfield Non-Kern River	-	0	0	0	0	0	0	0	0	0	0	0	0	0
NKWSD Kern River Exchange	-	139	149	167	547	322	0	0	0	0	0	214	83	1,621
NKWSD SWP Exchange	=	0	0	0	0	0	0	0	0	0	0	0	0	0
LOSS & SPREADING	+	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
City of Bakersfield Miscellaneous	-	0	0	0	0	0	0	0	0	0	0	0	0	0
City of Bakersfield Non-Kern River	-	0	0	0	0	0	0	0	0	0	0	0	0	0
NKWSD Kern River Exchange	-	0	0	0	0	0	0	0	0	0	0	0	0	0
NKWSD SWP Exchange	-	0	0	0	0	0	0	0	0	0	0	0	0	0
Kern River Floodwater	=	0	0	0	0	0	0	0	0	0	0	0	0	0
RECHARGE PURCHASE PROGRAM	+	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
City of Bakersfield Miscellaneous	-	0	0	0	0	0	0	0	0	0	0	0	0	0
City of Bakersfield Non-Kern River	=	0	0	0	0	0	0	0	0	0	0	0	0	0
NKWSD/RRID EXCHANGE STATUS														
RRID to NKWSD	+	0	0	0	0	0	0	0	0	0	0	0	0	0
NKWSD to RRID	-	139	149	167	547	322	0	0	0	0	0	214	83	1,621
Exchange Balance	=	**9,566**	**9,417**	**9,250**	**8,703**	**8,381**	**8,381**	**8,381**	**8,381**	**8,381**	**8,381**	**8,167**	**8,084**	

DISCHARGE IN CUBIC FEET PER SECOND | Poso Creek as Measured at Highway "99" (Total Flow) | Year: 2000

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

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

"Other" Inflow to Poso Creek

DISCHARGE IN CUBIC FEET PER SECOND (As reported by North Kern WSD) Year: 2000

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	0	84	0	0	0	0	0	0	0	0	0
2	0	0	103	0	0	0	0	0	0	0	0	0
3	0	0	80	0	0	0	0	0	0	0	0	0
4	0	0	67	0	0	0	0	0	0	0	0	0
5	0	0	68	0	0	0	0	0	0	0	0	0
6	0	0	91	0	0	0	0	0	0	0	0	0
7	0	0	116	0	0	0	0	0	0	0	0	0
8	0	0	114	0	0	0	0	0	0	0	0	0
9	0	0	101	0	0	0	0	0	0	0	0	0
10	0	0	107	0	0	0	0	0	0	0	0	0
11	0	0	100	0	0	0	0	0	0	0	0	0
12	0	0	94	0	0	0	0	0	0	0	0	0
13	0	0	82	0	0	0	0	0	0	0	0	0
14	0	0	61	0	0	0	0	0	0	0	0	0
15	0	0	55	0	0	0	0	0	0	0	0	0
16	0	0	45	0	0	0	0	0	0	0	0	0
17	0	0	49	0	0	0	0	0	0	0	0	0
18	0	0	37	0	0	0	0	0	0	0	0	0
19	0	0	15	0	0	0	0	0	0	0	0	0
20	0	0	15	0	0	0	0	0	0	0	0	0
21	0	26	8	0	0	0	0	0	0	0	0	0
22	0	38	7	0	0	0	0	0	0	0	0	0
23	0	41	7	0	0	0	0	0	0	0	0	0
24	0	22	2	0	0	0	0	0	0	0	0	0
25	0	31	22	0	0	0	0	0	0	0	0	0
26	0	21	32	0	0	0	0	0	0	0	0	0
27	0	18	20	0	0	0	0	0	0	0	0	0
28	0	22	0	0	0	0	0	0	0	0	0	0
29	0	61	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	280	1,582	0	0	0	0	0	0	0	0	0
MAXIMUM DAY	0	61	116	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	10	51	0	0	0	0	0	0	0	0	0
TOTAL AC. FT.	0	555	3,138	0	0	0	0	0	0	0	0	0

WHOLE YEAR:- TOTAL, 1,862 MAX., 116 MIN., 0 MEAN, 5 TOTAL AC.FT., 3,693

NORTH KERN WATER STORAGE DISTRICT
STATUS OF EXCHANGE

Quantities in acre-feet

Year: 2000

	KERN DELTA WD		CAWELO WD		LA HACIENDA, INC.		IMPROVEMENT DISTRICT NO.4		KERN-TULARE WD		RAG GULCH WD		ROSEDALE RANCH ID		PARAMOUNT FARMING CO.		SEMITROPIC WSD		SHAFTER-WASCO ID		SOUTHERN SAN JOAQUIN MUD	
	to	from	to	from	to	from	to	from	to	from	to	from	to	from	to	from	to	from	to	from	to	from
Prior Year Status	0	0	0	5,291	0	5,824	0	54,688	0	0	0	0	0	9,705	0	28,539	0	680	0	31,270	0	10,868
January	0	0	0	0	0	0	1,753	0	0	0	0	0	139	0	0	0	0	0	0	0	0	0
February	0	0	305	0	0	0	1,781	0	0	0	0	0	149	0	0	0	95	0	0	0	0	0
March	580	580	0	0	0	0	1,472	0	0	0	0	0	167	0	0	0	64	0	0	0	0	0
April	24	24	0	0	0	0	1,000	1,583	0	0	0	0	547	0	0	0	129	0	0	0	0	0
May	0	0	0	0	0	0	2,000	4,963	0	0	0	0	322	0	0	0	69	0	0	0	0	0
June	0	0	0	0	0	0	2,000	4,770	0	0	0	0	0	0	0	0	0	0	0	0	0	0
July	0	0	0	0	0	0	2,000	5,111	0	0	0	0	0	0	0	0	0	0	0	0	0	0
August	0	0	0	0	0	0	2,838	4,411	0	0	0	0	0	0	0	0	0	0	0	0	0	0
September	0	0	0	0	0	0	688	1,083	0	0	0	0	0	0	0	0	0	0	0	0	0	0
October	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
November	0	0	0	0	0	0	738	0	0	0	0	0	214	0	0	0	0	0	0	0	0	0
December	0	0	0	0	0	0	2,599	0	0	0	0	0	83	0	0	0	0	0	0	0	0	0
Total	604	604	305	0	0	0	18,869	21,921	0	0	0	0	1,621	0	0	0	357	0	0	0	0	0
Current Status	0	0	0	4,986	0	5,824	0	57,740	0	0	0	0	0	8,084	0	28,539	0	323	0	31,270	0	10,868

NORTH KERN WATER STORAGE DISTRICT

IMPROVEMENT DISTRICT NO. 4 WATER EXCHANGE SUMMARY

Status as of 12-31-2000

Quantities in acre-feet

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

CATEGORY "A"				CATEGORY "B"			
Date	*NKWSD to ID4*	*ID4 to NKWSD*	*Cumulative Exchange Balance*	*Date*	*NKWSD to ID4*	*ID4 to NKWSD*	*Cumulative Exchange Balance*
1988	12,163	7,796	4,367	1988	0	0	0
1989	0	0	4,367	1989	0	0	0
1990	0	1,630	2,737	1990	0	0	0
1991	0	261	2,476	1991	395	0	395
1992	0	0	2,476	1992	0	0	395
1993	12,557	9,434	5,599	1993	0	0	395
1994	0	0	5,599	1994	0	0	395
1995	0	8,635	(3,036)	1995	0	0	395
1996	0	0	(3,036)	1996	0	0	395
1997	3,882	0	846	1997	0	0	395
1998	4,323	0	5,169	1998	0	0	395
1999	3,748	64,000	(55,083)	1999	0	0	395
2000	4,629	10,000	(60,454)	2000	14,240	11,921	2,714
Totals	**41,302**	**101,756**		**Totals**	**14,635**	**11,921**	

CATEGORY "A"

Priority

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

Point of Delivery

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

CATEGORY "B"

Priority

ID4 Priority 2.

Point of Delivery

Beardsley Canal.

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

Priority 2.

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

Priority 3.

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

Priority Equation D.

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

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

DISCHARGE IN CUBIC FEET PER SECOND (Does not include deliveries into Isabella Reservoir storage) Year: 2000

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	408	0	0	0	0	0	0	0	0	0	0	107
2	292	0	0	0	0	0	0	0	0	0	0	66
3	17	0	0	0	0	0	0	0	0	0	0	46
4	14	0	0	0	0	0	0	0	0	0	0	51
5	9	0	0	0	0	0	0	0	0	0	0	53
6	5	8	0	0	0	0	0	0	0	0	0	49
7	11	31	0	0	0	0	0	0	0	0	0	33
8	10	30	0	0	0	0	0	0	0	0	0	30
9	9	33	55	0	0	0	0	0	0	0	0	35
10	1	37	72	0	0	0	0	0	0	0	0	49
11	32	36	69	0	0	0	0	0	0	0	0	54
12	9	9	42	0	0	0	0	0	0	0	0	44
13	8	8	0	0	0	0	0	0	0	0	0	46
14	18	11	0	0	0	0	0	0	0	0	0	48
15	22	44	0	0	0	0	0	0	0	0	0	41
16	14	42	0	0	0	0	0	0	0	0	0	29
17	4	56	0	0	0	0	0	0	0	0	0	42
18	0	48	0	0	0	0	0	0	0	0	0	39
19	0	44	0	0	0	0	0	0	0	0	0	33
20	0	52	0	0	0	0	0	0	0	0	0	31
21	0	40	0	0	0	0	0	0	0	0	0	34
22	0	36	0	0	0	0	0	0	0	0	0	38
23	0	45	0	0	0	0	0	0	0	0	0	34
24	0	48	0	0	0	0	0	0	0	0	0	39
25	0	46	0	0	0	0	0	0	0	0	30	45
26	0	45	0	0	0	0	0	0	0	0	38	40
27	0	53	0	0	0	0	0	0	0	0	57	29
28	0	54	0	0	0	0	0	0	0	0	81	27
29	0	42	0	0	0	0	0	0	0	0	80	30
30	0	-	0	0	0	0	0	0	0	0	86	48
31	0	-	0	-	0	-	0	0	-	0	-	20
TOTAL	883	898	238	0	0	0	0	0	0	0	372	1,310
MAXIMUM DAY	408	56	72	0	0	0	0	0	0	0	86	107
MINIMUM DAY	0	0	0	0	0	0	0	0	0	0	0	20
MEAN	28	31	8	0	0	0	0	0	0	0	12	42
TOTAL AC. FT.	1,753	1,781	472	0	0	0	0	0	0	0	738	2,599

WHOLE YEAR:- TOTAL, 3,701 MAX., 408 MIN., 0 MEAN, 10 TOTAL AC.FT., 7,343

DISCHARGE IN CUBIC FEET PER SECOND Improvement District No. 4 Diverted to North Kern Water Storage District Year: 2000

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	0	0	0	79	79	83	83	46	0	0	0
2	0	0	0	0	81	79	83	83	46	0	0	0
3	0	0	0	0	81	79	83	83	46	0	0	0
4	0	0	0	0	81	79	83	83	46	0	0	0
5	0	0	0	0	82	80	83	83	46	0	0	0
6	0	0	0	0	82	80	83	83	48	0	0	0
7	0	0	0	0	82	80	82	83	48	0	0	0
8	0	0	0	0	82	80	82	81	48	0	0	0
9	0	0	0	0	81	80	82	81	25	0	0	0
10	0	0	0	45	79	83	82	81	0	0	0	0
11	0	0	0	45	80	83	82	83	0	0	0	0
12	0	0	0	45	80	83	82	83	0	0	0	0
13	0	0	0	45	80	83	82	83	22	0	0	0
14	0	0	0	42	80	80	80	83	22	0	0	0
15	0	0	0	41	80	80	80	11	22	0	0	0
16	0	0	0	41	80	80	80	0	22	0	0	0
17	0	0	0	32	80	80	80	83	22	0	0	0
18	0	0	0	31	80	79	82	82	22	0	0	0
19	0	0	0	31	80	80	80	82	15	0	0	0
20	0	0	0	36	83	79	80	82	0	0	0	0
21	0	0	0	36	83	79	83	82	0	0	0	0
22	0	0	0	36	82	78	83	82	0	0	0	0
23	0	0	0	36	82	78	83	84	0	0	0	0
24	0	0	0	36	80	78	85	86	0	0	0	0
25	0	0	0	36	80	78	85	85	0	0	0	0
26	0	0	0	34	80	81	85	50	0	0	0	0
27	0	0	0	34	80	81	86	50	0	0	0	0
28	0	0	0	37	80	81	83	50	0	0	0	0
29	0	0	0	37	80	82	85	50	0	0	0	0
30	0	-	0	37	81	83	86	50	0	0	0	0
31	0	-	0	-	81	-	86	50	-	0	-	0
TOTAL	0	0	0	793	2,502	2,405	2,564	2,215	546	0	0	0
MAXIMUM DAY	0	0	0	45	83	83	86	86	48	0	0	0
MINIMUM DAY	0	0	0	0	79	78	80	0	0	0	0	0
MEAN	0	0	0	26	81	80	83	71	18	0	0	0
NET AC. FT.	0	0	0	1,573	4,963	4,770	5,086	4,393	1,083	0	0	0
AC. FT. LOSS	0	0	0	10	0	0	25	18	0	0	0	0
TOTAL AC. FT.	0	0	0	1,583	4,963	4,770	5,111	4,411	1,083	0	0	0

WHOLE YEAR:- TOTAL, 11,025 MAX., 86 MIN., 0 MEAN, 30 TOTAL AC.FT., 21,921

DISCHARGE IN CUBIC FEET PER SECOND

North Kern WSD Diverted to Cawelo Water District

Year: 2000

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	7	0	0	0	0	0	0	0	0	0	0
8	0	7	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	12	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	16	0	0	0	0	0	0	0	0	0	0
20	0	19	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	24	0	0	0	0	0	0	0	0	0	0
23	0	3	0	0	0	0	0	0	0	0	0	0
24	0	3	0	0	0	0	0	0	0	0	0	0
25	0	22	0	0	0	0	0	0	0	0	0	0
26	0	19	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	22	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	154	0	0	0	0	0	0	0	0	0	0
MAXIMUM DAY	0	24	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	5	0	0	0	0	0	0	0	0	0	0
TOTAL AC. FT.	0	305	0	0	0	0	0	0	0	0	0	0

WHOLE YEAR:- TOTAL, 154 MAX., 24 MIN., 0 MEAN, 0 TOTAL AC.FT., 305

North Kern Water Storage District

DISCHARGE IN CUBIC FEET PER SECOND — Semitropic Water Storage District Irrigation Deliveries — Year: 2000

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	0	4	0	0	0	0	0	0	0	0	0
2	0	0	4	0	0	0	0	0	0	0	0	0
3	0	0	4	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	4	0	0	0	0	0	0	0	0	0
7	0	0	4	0	0	0	0	0	0	0	0	0
8	0	0	4	0	0	0	0	0	0	0	0	0
9	0	0	4	0	5	0	0	0	0	0	0	0
10	0	0	4	0	5	0	0	0	0	0	0	0
11	0	0	0	5	5	0	0	0	0	0	0	0
12	0	0	0	5	5	0	0	0	0	0	0	0
13	0	0	0	5	0	0	0	0	0	0	0	0
14	0	4	0	5	0	0	0	0	0	0	0	0
15	0	4	0	0	5	0	0	0	0	0	0	0
16	0	4	0	0	5	0	0	0	0	0	0	0
17	0	4	0	5	5	0	0	0	0	0	0	0
18	0	4	0	5	0	0	0	0	0	0	0	0
19	0	0	0	5	0	0	0	0	0	0	0	0
20	0	0	0	5	0	0	0	0	0	0	0	0
21	0	4	0	5	0	0	0	0	0	0	0	0
22	0	4	0	0	0	0	0	0	0	0	0	0
23	0	4	0	0	0	0	0	0	0	0	0	0
24	0	4	0	5	0	0	0	0	0	0	0	0
25	0	4	0	5	0	0	0	0	0	0	0	0
26	0	0	0	5	0	0	0	0	0	0	0	0
27	0	0	0	5	0	0	0	0	0	0	0	0
28	0	4	0	0	0	0	0	0	0	0	0	0
29	0	4	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	48	32	65	35	0	0	0	0	0	0	0
MAXIMUM DAY	0	4	4	5	5	0	0	0	0	0	0	0
MINIMUM DAY	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	2	1	2	1	0	0	0	0	0	0	0
TOTAL AC. FT.	0	95	64	129	69	0	0	0	0	0	0	0

WHOLE YEAR:- TOTAL, 180 MAX., 5 MIN., 0 MEAN, 0 TOTAL AC.FT., 357

DISCHARGE IN CUBIC FEET PER SECOND

North Kern WSD Diverted to Kern Delta WD
(Friant-Kern Section 215 Contract Exchange Supply)

Year: 2000

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	0	0	9	0	0	0	0	0	0	0	0
2	0	0	0	3	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	27	0	0	0	0	0	0	0	0	0
19	0	0	27	0	0	0	0	0	0	0	0	0
20	0	0	23	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	20	0	0	0	0	0	0	0	0	0
26	0	0	28	0	0	0	0	0	0	0	0	0
27	0	0	42	0	0	0	0	0	0	0	0	0
28	0	0	44	0	0	0	0	0	0	0	0	0
29	0	0	44	0	0	0	0	0	0	0	0	0
30	0	-	25	0	0	0	0	0	0	0	0	0
31	0	-	12	-	0	-	0	0	-	0	-	0
TOTAL	0	0	292	12	0	0	0	0	0	0	0	0
MAXIMUM DAY	0	0	44	9	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	9	0	0	0	0	0	0	0	0	0
TOTAL AC. FT.	0	0	580	24	0	0	0	0	0	0	0	0

WHOLE YEAR:- TOTAL, 304 MAX., 44 MIN., 0 MEAN, 1 TOTAL AC.FT., 604

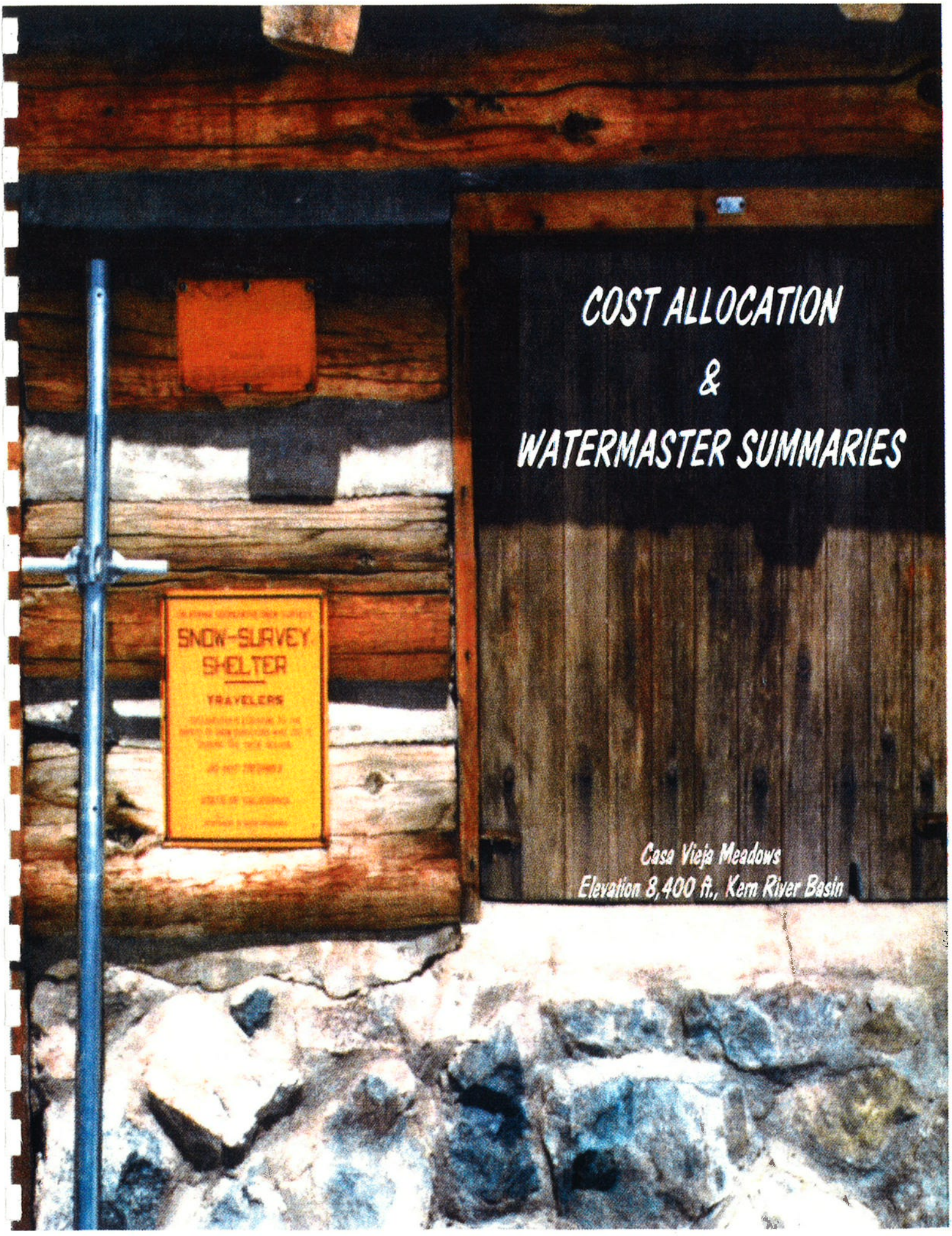
WATER EXCHANGE BETWEEN
NORTH KERN WSD and CITY OF BAKERSFIELD
THREE YEAR RECAPITULATION

Quantities in acre-feet

1998	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
NKWSD to CITY	0	0	0	0	0	0	0	0	0	0	0	0	0
CITY to NKWSD	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Purchase Rate	0	0	0	0	0	0	0	0	0	0	0	0	0
CITY Debit to NKWSD	51,961	51,961	51,961	51,961	51,961	51,961	51,961	51,961	51,961	51,961	51,961	51,961	

1999													
NKWSD to CITY	0	0	162	428	0	0	0	0	0	0	0	0	590
CITY to NKWSD	0	0	4,467	2,985	573	1,975	0	0	0	0	0	0	10,000
Other Purchase Rate	0	0	0	0	0	0	0	0	0	0	0	0	0
CITY Debit to NKWSD	51,961	51,961	47,656	45,099	44,526	42,551	42,551	42,551	42,551	42,551	42,551	42,551	

2000													
NKWSD to CITY	0	3,844	2,408	0	0	0	0	0	0	0	0	114	6,366
CITY to NKWSD	0	0	3,540	379	0	6,081	0	0	0	0	0	0	10,000
Other Purchase Rate	0	0	0	0	0	0	0	0	0	0	0	0	0
CITY Debit to NKWSD	42,551	46,395	45,263	44,884	44,884	38,803	38,803	38,803	38,803	38,803	38,803	38,917	



COST ALLOCATION & WATERMASTER SUMMARIES

Casa Vieja Meadows
Elevation 8,400 ft., Kern River Basin

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

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

Quantities in acre-feet

Year: 2000

	1996	1997	1998	1999	2000	Five Year Total	Allocation Percentage
Carrier Canal at Head	248,201	278,954	252,015	170,089	170,098	1,119,357	99.86%
Oilfield Discharge	405	14	14	13	93	539	0.05%
Storm Drain Inflow	316	110	284	197	123	1,030	0.09%
TOTAL CARRIER CANAL FLOW	**248,922**	**279,078**	**252,313**	**170,299**	**170,314**	**1,120,926**	**100.00%**
Kern Island Canal (1)	151,613	153,501	106,237	122,381	137,692	671,424	59.90%
Eastside Canal	19,358	19,099	13,742	17,214	16,126	85,539	7.63%
Kern Delta WD via Levee #1	46,099	61,761	61,175	20,094	11,880	201,009	17.93%
KERN DELTA WATER DISTRICT TOTAL	**217,070**	**234,361**	**181,154**	**159,689**	**165,698**	**957,972**	**85.46%**
Carrier Waste Gate	2,212	185	648	14	6	3,065	0.27%
Kern River Conduit via Levee #1	29,640	44,532	70,511	10,596	4,610	159,889	14.27%
CITY OF BAKERSFIELD TOTAL	**31,852**	**44,717**	**71,159**	**10,610**	**4,616**	**162,954**	**14.54%**

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

CARRIER CANAL BELOW FOUR WEIRS - ALLOCATION

Utilization of Water - Preceding Five Years

Quantities in acre-feet

Year: 2000

	1996	1997	1998	1999	2000	Five Year Total	Allocation Percentage
TOTAL CARRIER CANAL FLOW (1)	**304,573**	**323,656**	**339,130**	**114,243**	**87,004**	**1,168,606**	**100.00%**
Stine Canal Total Diverted (2)	40,193	32,112	33,097	13,028	18,871	137,301	11.75%
Arvin-Edison Turnout Total Diverted (2)	0	8,142	5,293	7,049	4,723	25,207	2.16%
Buena Vista Canal Total Diverted (2)	31,521	41,905	30,670	25,685	25,200	154,981	13.26%
River Canal Total Diverted (3)	2,723	1,449	693	0	746	5,611	0.48%
KERN DELTA WATER DISTRICT TOTAL DIVERTED FROM CARRIER CANAL	**74,437**	**83,608**	**69,753**	**45,762**	**49,540**	**323,100**	**27.65%**
KERN RIVER CONDUIT (City of Bakersfield)	**230,136**	**240,048**	**269,377**	**68,481**	**37,464**	**845,506**	**72.35%**

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.

(3) Includes diversions to Pioneer Project via River Canal.

CALLOWAY AND BEARDSLEY CANALS

Allocation of Joint Accounts
2000

CALLOWAY CANAL USED
Preceding Ten Years

	Diverted via Calloway Canal				
Year	NKWSD	CITY	Subtotal	ID4	TOTAL
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
1996	40,699	7,266	47,965	39,140	87,105
1997	59,207	14,927	74,134	46,814	120,948
1998	97,572	10,684	108,256	33,124	141,380
1999	11,873	611	12,484	30,624	43,108
2000	97	0	97	32,258	32,355
Total	349,413	64,224	413,637	314,528	728,165
Percent	**84.47%**	**15.53%**	**100.00%**		

BEARDSLEY CANAL USED
Preceding Five Years

	Diverted via Beardsley Canal						
	North Kern Water Storage District						
Year	NKWSD	RRID	TOTAL	CITY	Subtotal	CWD/Other	TOTAL
1996	211,442	7,453	218,895	23,529	242,424	73,527	315,951
1997	198,111	3,140	201,251	17,889	219,140	74,666	293,806
1998	250,720	4,369	255,089	8,525	263,614	61,613	325,227
1999	134,672	5,310	139,982	12,652	152,634	69,199	221,833
2000	129,567	1,621	131,188	14,688	145,876	62,352	208,228
Total	924,512	21,893	946,405	77,283	1,023,688	341,357	1,365,045
Percent	**90.31%**	**2.14%**	**92.45%**	**7.55%**	**100.00%**		

IMPROVEMENT DISTRICT NO. 4 USE OF CALLOWAY CANAL

Pursuant to Calloway Canal Agreement dated April 28, 1982

Quantities in acre-feet
except where noted...

Year: 2000

		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
	Operating Loss	92	101	129	149	169	191	207	198	174	155	124	117	1,806
	Treatment Plant	1,259	975	1,597	2,302	2,925	3,433	3,637	3,650	3,142	2,497	2,085	1,521	29,023
	Reverse Flow via Pump Plant #7	0	0	0	0	0	0	0	0	0	0	0	0	0
E	CVC Extension Losses	0	0	0	0	0	0	0	0	0	6	18	44	68
A R	T.O. #4 to River	0	0	0	0	0	0	0	0	0	40	246	377	663
S E	Loss to Buck Owens Weir	65	73	175	20	10	20	16	8	26	105	38	10	566
T A	Western Reach Flow	0	385	1,081	0	0	0	0	0	0	168	20	4	1,658
E C	Trans. Charge Waived	0	387	1,139	0	0	0	0	0	0	0	0	0	1,526
R H	SUB-TOTAL DIVERSION	1,416	1,147	1,843	2,471	3,104	3,644	3,860	3,856	3,342	2,971	2,531	2,073	32,258
N	Base Rate	$0.75	$0.75	$0.75	$0.75	$0.75	$0.75	$0.75	$0.75	$0.75	$0.75	$0.75	$0.75	
	Escalator	1.283	1.283	1.283	1.283	1.283	1.283	1.283	1.283	1.283	1.283	1.283	1.283	
	Current Rate	$0.96	$0.96	$0.96	$0.96	$0.96	$0.96	$0.96	$0.96	$0.96	$0.96	$0.96	$0.96	
	SUB-TOTAL CHARGE	$1,359.36	$1,101.12	$1,769.28	$2,372.16	$2,979.84	$3,498.24	$3,705.60	$3,701.76	$3,208.32	$2,852.16	$2,429.76	$1,990.08	$30,967.68
W	Bartell Spreading	0	0	0	0	0	0	0	0	0	0	0	0	0
E R	Loss Below Buck Owens Weir	0	385	1,081	0	0	0	0	0	0	168	20	4	1,658
S E	NKWSD Exchange Delivery	0	0	0	0	0	0	0	0	0	0	0	0	0
T A	Trans. Charge Waived	0	385	1,081	0	0	0	0	0	0	168	20	4	1,658
E C	SUB-TOTAL DIVERSION	0	0	0	0	0	0	0	0	0	0	0	0	0
R H	Current Rate	$0.96	$0.96	$0.96	$0.96	$0.96	$0.96	$0.96	$0.96	$0.96	$0.96	$0.96	$0.96	
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	**$1,359.36**	**$1,101.12**	**$1,769.28**	**$2,372.16**	**$2,979.84**	**$3,498.24**	**$3,705.60**	**$3,701.76**	**$3,208.32**	**$2,852.16**	**$2,429.76**	**$1,990.08**	**$30,967.68**

HYDROGRAPHIC SUMMARY

UTILIZATION OF WATER - FIRST POINT GROUP - PRECEDING FIVE YEARS

Quantities in acre-feet

Year: 2000

Canal	1996	1997	1998	1999	2000	Five Year Total	Percentage
Kern Island	146,701	158,389	109,996	116,598	137,708	669,392	17.75%
Eastside	19,358	19,099	13,742	17,214	16,042	85,455	2.27%
Buena Vista	27,238	29,830	22,912	11,237	18,067	109,284	2.90%
Stine	26,384	25,760	22,970	11,500	12,622	99,236	2.63%
Farmers	20,128	19,934	18,834	11,773	12,097	82,766	2.20%
Subtotal Kern Delta WD	**239,809**	**253,012**	**188,454**	**168,322**	**196,536**	**1,046,133**	**27.75%**
City of Bakersfield	256,182	282,696	511,316	104,088	72,504	1,226,786	32.54%
K.R.C. & I. Co. (Beardsley)	11,774	10,762	8,020	11,130	11,571	53,257	1.41%
Central - I.D. #4 (Calloway)	39,140	61,741	43,808	31,235	32,258	208,182	5.52%
James	14,928	13,277	69,754	599	0	98,558	2.61%
Pioneer	7,161	13,398	41,605	0	0	62,164	1.65%
Subtotal City of Bakersfield	**329,185**	**381,874**	**674,503**	**147,052**	**116,333**	**1,648,947**	**43.73%**
North Kern WSD	**256,464**	**262,024**	**346,844**	**101,030**	**108,839**	**1,075,201**	**28.52%**
Total First Point Group	**825,458**	**896,910**	**1,209,801**	**416,404**	**421,708**	**3,770,281**	**100.00%**
South Fork	721	594	451	896	900		
First Point Passing 2nd Point	0	37,075	18,161	0	0		
River Loss and Spreading	77,145	87,599	95,514	31,968	34,935		
Flow Above First Point	2,465	2,978	2,864	2,480	2,869		
Total 1st Point Group Diverted	**905,789**	**1,025,156**	**1,326,791**	**451,748**	**460,412**		

- 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: 2000

	Acre-Foot Days of Irrigation Storage			Isabella O&M
Year	NKWSD (1)	BVWSD	Total A.F.D.	Charges (2)
1996	79,233,687	40,842,839	120,076,526	$144,137
1997	80,842,580	40,545,783	121,388,363	$144,137
1998	83,156,954	39,569,618	122,726,572	$144,137
1999	48,932,446	28,030,294	76,962,740	$390,887
2000	30,676,075	27,075,766	57,751,841	$390,887
5-Year Totals	322,841,742	176,064,300	498,906,042	$1,214,185

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

- Total 5-Year Operation & Interest Charge..... $2,357,435

Total 5-Year Cost	=	$2,357,435	=	$0.0047252
Total 5-Year Use		498,906,042		Rental Charge Per Acre-Foot Day

TOTAL 2000 HACIENDA WD Acre-Foot Storage Days = 2,434

TOTAL 2000 HACIENDA WD Share of 2000 Storage Costs = $11.50

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

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

KERN COUNTY RECREATION POOL REPORT
FROM THE KERN RIVER WATERMASTER

Quantities in acre-feet
except where noted...

Year: 2000

	Total Storage in Reservoir	Total Water Surface Area (Acres)	Area Attributable to Rec. Pool (Acres)	Total Reservoir Loss	County of Kern	
					Ming Lake Net Inflow	Recreation Pool Loss
End of Previous Year	169,341	5,967	710			
January	167,616	5,928	715	849	16	91
February	178,688	6,172	685	649	16	71
March	193,239	6,480	650	1,686	44	175
April	210,879	6,833	615	2,971	60	286
May	285,696	8,134	485	5,060	77	365
June	278,668	8,024	500	6,944	105	409
July	215,488	6,922	605	7,315	127	541
August	165,786	5,887	720	6,327	121	660
September	145,564	5,411	775	4,320	91	571
October	135,417	5,159	805	2,499	65	375
November	134,438	5,134	810	1,363	42	214
December	129,519	5,008	825	1,252	26	200
			TOTALS	41,235	790	3,958

ISABELLA RESERVOIR RECREATION POOL:
15,125 S.F.D.
30,000 ACRE-FEET
NOTE: Storage & Area quantities reflect last day of month

REPORT OF THE KERN RIVER WATERMASTER

SUMMARY OF KERN RIVER RUNOFF

Quantities in acre-feet

Year: 2000

	CALENDAR YEAR						WATER YEAR					
	FIRST POINT		ENTITLEMENT				FIRST POINT		ENTITLEMENT			
	REGULATED	NATURAL	NKWSD	BVWSD	HWD		REGULATED	NATURAL	NKWSD	BVWSD	HWD	
JANUARY	19,946	19,140	19,140	0	0	OCTOBER	20,473	11,714	11,714	0	0	
To Date	19,946	19,140	19,140	0	0	To Date	20,473	11,714	11,714	0	0	
FEBRUARY	23,320	35,096	35,050	46	0	NOVEMBER	10,848	12,288	12,288	0	0	
	43,266	54,236	54,190	46	0		31,321	24,002	24,002	0	0	
MARCH	33,834	50,176	40,084	10,092	0	DECEMBER	16,203	13,057	13,057	0	0	
	77,100	104,412	94,274	10,138	0		47,524	37,059	37,059	0	0	
APRIL	46,580	67,388	51,629	15,759	0	JANUARY	19,946	19,140	19,140	0	0	
	123,680	171,800	145,903	25,897	0		67,470	56,199	56,199	0	0	
MAY	49,204	129,406	92,940	36,466	0	FEBRUARY	23,320	35,096	35,050	46	0	
	172,884	301,206	238,843	62,363	0		90,790	91,295	91,249	46	0	
JUNE	81,023	81,396	61,161	20,235	0	MARCH	33,834	50,176	40,084	10,092	0	
	253,907	382,602	300,004	82,598	0		124,624	141,471	131,333	10,138	0	
JULY	83,659	28,306	25,170	3,136	0	APRIL	46,580	67,388	51,629	15,759	0	
	337,566	410,908	325,174	85,734	0		171,204	208,859	182,962	25,897	0	
AUGUST	59,577	16,610	16,303	307	0	MAY	49,204	129,406	92,940	36,466	0	
	397,143	427,518	341,477	86,041	0		220,408	338,265	275,902	62,363	0	
SEPTEMBER	26,533	10,937	10,937	0	0	JUNE	81,023	81,396	61,161	20,235	0	
	423,676	438,455	352,414	86,041	0		301,431	419,661	337,063	82,598	0	
OCTOBER	20,340	12,912	12,912	0	0	JULY	83,659	28,306	25,170	3,136	0	
	444,016	451,367	365,326	86,041	0		385,090	447,967	362,233	85,734	0	
NOVEMBER	12,260	12,764	12,764	0	0	AUGUST	59,577	16,610	16,303	307	0	
	456,276	464,131	378,090	86,041	0		444,667	464,577	378,536	86,041	0	
DECEMBER	16,260	12,688	12,688	0	0	SEPTEMBER	26,533	10,937	10,937	0	0	
Year	472,536	476,819	390,778	86,041	0	Year	471,200	475,514	389,473	86,041	0	

1894 to 2000 Mean April-July Runoff = 472,327 acre-feet (100% of Average)
2000 April-July Runoff = 306,496 acre-feet (65% of Average)

1894 to 2000 Mean March-October Runoff = 606,646 acre-feet (100% of Average)
2000 March-October Runoff = 397,131 acre-feet (65% of Average)

REPORT OF THE KERN RIVER WATERMASTER

RECAPITULATION 2000

QUANTITIES IN ACRE-FEET EXCEPT WHERE NOTED...

	ISABELLA RESERVOIR								NORTH KERN WATER STORAGE DISTRICT					Transfer or Exchange in Storage	BUENA VISTA WATER STORAGE DISTRICT							Kern County Rec. Pool Loss	HACIENDA WATER DISTRICT					
									Ent'l	Flow		Reservoir			Entitlement		Flow			Reservoir			Entitlement		Flow		Reservoir	
	Elevation (feet)	Storage	Loss	Flow Above First Point	First Point Regulated Flow	Loss + Reservoir Change + 1st Point + Flow Above 1st Point	Computed 1st Point Natural Flow	Mean Reservoir Storage	At First Point	Above First Point	At First Point	Storage	Loss		At 1st Point	At 2nd Point	Above 1st Point	At 1st Point	At 2nd Point	Storage	Loss		Contributed by: NKWSD	Contributed by: BVWSD	Above 1st Point	At 1st Point	Storage	Loss
Carry Over	2560.31	169341						169341				72779								66071							307	
JAN	2560.02	167616	849	72	19946	19140	19140	167616	19140	72	19566	71823	460	0	0	0	0	73	0	65609	389	91	0	0	0	307	0	0
FEB	2561.85	178688	649	53	23320	35096	35096	178688	35050	53	23156	83301	359	0	46	0	0	164	0	65203	290	71	0	0	0	0	0	0
MAR	2564.15	193239	1686	105	33834	50176	50176	193239	40084	105	29099	93203	978	0	0	10092	0	3454	1281	69852	708	175	0	0	0	0	0	0
APR	2566.80	210879	2971	199	46580	67388	67388	210879	51629	199	39479	103417	1739	0	0	15759	0	6468	633	77278	1232	286	0	0	0	0	0	0
MAY	2576.79	285696	5060	325	49204	129406	129406	285696	92940	315	41940	151112	2989	0	0	36466	10	6824	440	104400	2071	365	0	0	0	0	0	0
JUN	2575.92	278668	6944	455	81023	81396	81396	278668	61161	370	64864	142944	4094	0	0	20235	85	11073	5086	105540	2850	409	0	0	0	0	0	0
JUL	2567.47	215488	7315	513	83659	28306	28306	215488	25170	420	67200	96399	4096	0	0	3136	93	11451	5008	88905	3219	541	0	0	0	0	0	0
AUG	2559.71	165786	6327	407	59577	16610	16610	165786	16303	407	44525	64526	3243	0	0	307	0	12507	2545	71076	3084	660	0	0	0	0	0	0
SEP	2556.13	145564	4320	304	26533	10937	10937	145564	10937	304	20018	52942	2198	0	0	0	0	6515	0	62438	2122	571	0	0	0	0	0	0
OCT	2554.21	135417	2499	220	20340	12912	12912	135417	12912	220	15737	48649	1249	0	0	0	0	4603	0	56584	1250	375	0	0	0	0	0	0
NOV	2554.02	134438	1363	121	12260	12764	12764	134438	12764	121	11044	49540	708	0	0	0	0	1216	0	54714	655	214	0	0	0	0	0	0
DEC	2553.05	129519	1252	95	16260	12688	12688	129519	12688	95	15935	45573	635	(1) 10	0	0	0	325	0	53762	617	200	0	0	0	0	0	0
Total			41235	2869	472536	476819	476819		390778	2681	392563		22748	10	46	85995	188	64673	14993		18487	3958	0	0	0	307		0

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

NOTES: (1) BVWSD to NKWSD

By: Mark Lambert Date: February 7, 2001

QUANTITIES IN ACRE-FEET

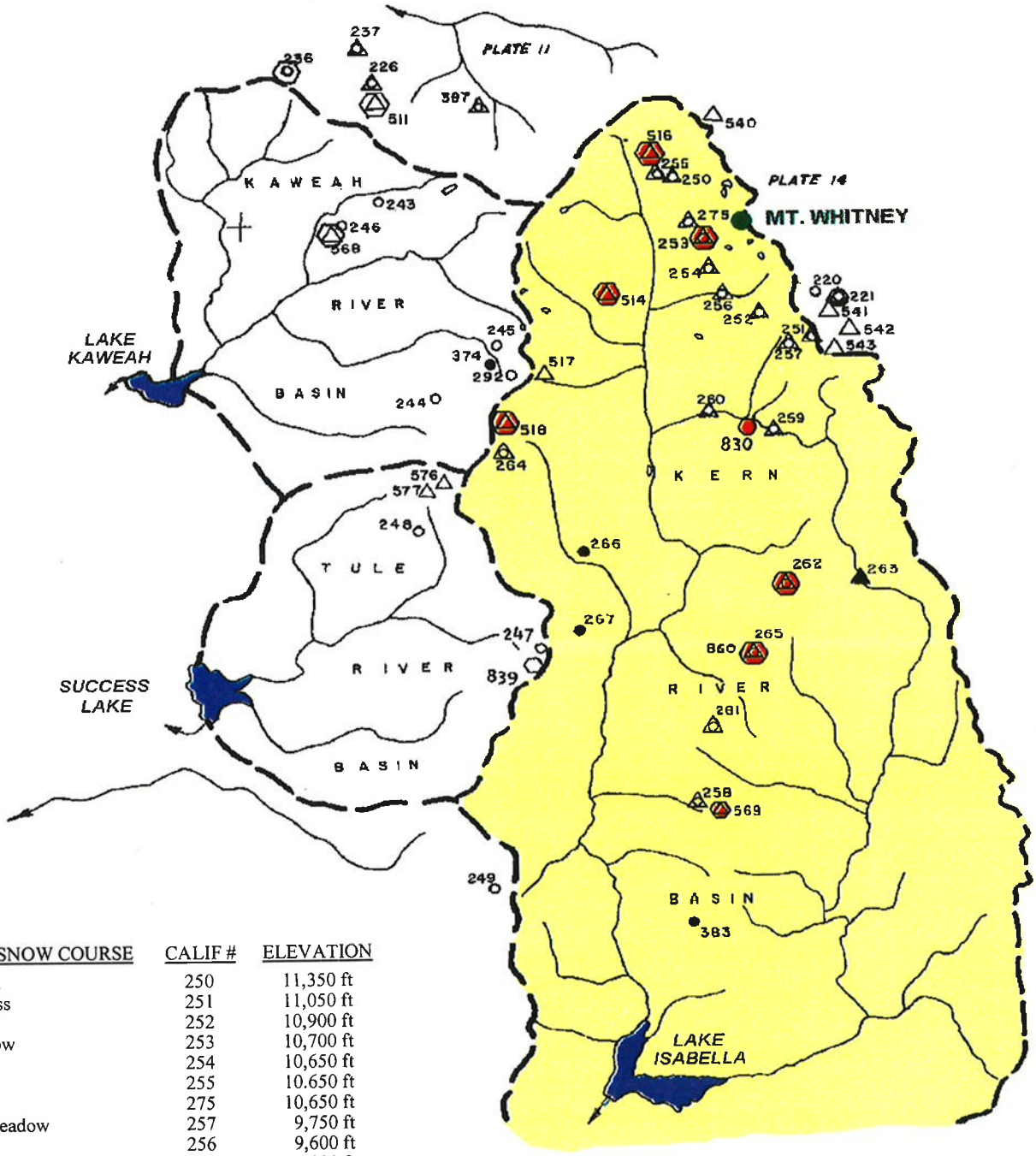
Isabella Dam & Reservoir
Midnight Storage Recapitulation

Year: 2000

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	168,448	167,794	179,059	193,563	212,660	287,245	276,586	213,555	165,080	145,023	135,417	134,438
2	167,854	167,735	179,431	193,628	214,588	288,633	274,513	211,769	164,319	144,592	135,365	134,438
3	167,794	167,676	179,739	193,563	217,083	289,861	272,289	209,924	163,558	144,054	135,314	134,337
4	167,735	167,616	180,049	193,563	219,874	290,929	270,155	208,157	162,801	143,464	135,314	134,029
5	167,735	167,616	180,857	193,628	222,828	292,079	268,030	206,263	162,151	142,768	135,211	133,772
6	167,676	167,557	181,230	194,017	225,664	292,821	265,758	204,313	161,582	142,128	135,262	133,465
7	167,735	167,499	181,604	194,537	228,592	293,152	263,574	202,308	161,119	141,596	135,262	133,159
8	167,735	167,499	181,916	195,124	231,615	293,234	261,711	200,382	160,599	141,011	135,159	132,803
9	167,676	167,440	182,291	196,037	234,223	293,152	260,010	198,532	160,139	140,430	135,159	132,497
10	167,616	167,499	182,604	196,758	237,142	292,739	258,161	196,561	159,621	140,060	135,107	132,192
11	167,616	167,735	182,916	197,281	239,861	292,162	256,396	194,667	158,932	139,534	135,107	131,736
12	167,616	167,972	183,355	197,544	241,857	291,340	254,638	192,850	158,131	139,113	135,056	131,331
13	167,735	169,222	183,921	197,807	243,638	290,600	252,659	190,978	157,334	138,798	134,953	130,927
14	167,794	171,258	184,612	198,202	245,203	290,353	250,612	189,118	156,481	138,640	134,953	130,574
15	167,854	172,764	185,370	198,730	246,399	290,271	248,877	187,271	155,745	138,535	134,901	130,273
16	167,854	173,672	186,191	199,058	247,599	290,189	246,624	185,307	155,067	138,326	134,798	130,122
17	167,913	174,157	187,207	199,455	248,726	290,600	244,383	183,355	154,392	138,065	134,695	129,971
18	167,972	174,583	188,097	199,918	249,707	290,847	242,228	181,292	153,661	137,752	134,592	129,820
19	167,913	174,766	188,800	200,382	250,915	290,682	240,083	179,245	152,934	137,388	134,490	129,670
20	167,676	175,069	189,631	201,177	252,355	290,436	238,022	177,272	152,264	137,074	134,387	129,569
21	167,321	175,619	190,016	201,976	254,409	290,025	235,972	175,436	151,430	136,919	134,234	129,469
22	166,907	175,925	190,208	202,842	256,856	289,453	234,078	173,914	150,709	136,763	134,183	129,469
23	166,493	176,597	190,465	203,377	260,010	288,797	232,192	172,583	150,101	136,503	134,234	129,469
24	166,729	176,842	190,850	203,844	263,730	287,979	230,244	171,438	149,494	136,140	134,285	129,519
25	167,380	177,149	191,172	204,313	267,246	286,919	228,161	170,537	148,945	135,726	134,285	129,519
26	167,735	177,457	191,430	205,052	270,787	285,777	225,878	169,879	148,231	135,572	134,285	129,519
27	167,735	177,826	191,688	206,061	274,353	284,315	223,606	169,102	147,466	135,469	134,337	129,469
28	167,557	178,318	192,140	207,614	277,865	282,615	221,489	168,329	146,757	135,365	134,387	129,469
29	167,321	178,688	192,461	209,311	281,243	280,678	219,524	167,440	146,106	135,365	134,387	129,469
30	167,203	-	192,850	210,879	283,666	278,668	217,499	166,552	145,564	135,417	134,438	129,519
31	167,616	-	193,239	-	285,696	-	215,488	165,786	-	135,417	-	129,519
MAXIMUM DAY	168,448	178,688	193,239	210,879	285,696	293,234	276,586	213,555	165,080	145,023	135,417	134,438
MINIMUM DAY	166,493	167,440	179,059	193,563	212,660	278,668	215,488	165,786	145,564	135,365	134,183	129,469

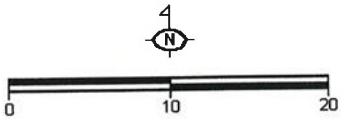
KERN RIVER BASIN

Drainage Basin Above Lake Isabella = 2,074 Square Miles



KERN RIVER SNOW COURSE	CALIF #	ELEVATION
Bighorn Plateau	250	11,350 ft
Cottonwood Pass	251	11,050 ft
Siberian Pass	252	10,900 ft
Crabtree Meadow	253	10,700 ft
Guyot Flat	254	10,650 ft
Tyndall Creek	255	10.650 ft
Sandy Meadow	275	10,650 ft
Big Whitney Meadow	257	9,750 ft
Rock Creek	256	9,600 ft
Round Meadow	258	9,000 ft
Ramshaw Meadow	259	8,700 ft
Little Whitney Meadow	260	8,500 ft
Casa Vieja Meadows	262	8,400 ft
Quinn Ranger Station	264	8,350 ft
Bonita Meadows	261	7,650 ft
Beach Meadows	265	7,650 ft
Dead Horse Meadow	249	7,300 ft

KERN RIVER SNOW SENSOR		
Upper Tyndall Creek	516	11,450 ft
Crabtree Meadow	253	10,700 ft
Chagoopa Plateau	514	10,300 ft
Pascoe	569	9,150 ft
Wet Meadow (W)	518	8,950 ft
Tunnel Guard Station (W)	830	8,950 ft
Casa Vieja Meadows (W)	262	8,400 ft
Beach Meadows	860	7,650 ft



Scale in Miles

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



REPORT OF THE KERN RIVER WATERMASTER

JANUARY 2000

Quantities in S.F.D. except where noted

DAY	ISABELLA RESERVOIR ELEVATION (FEET)	MIDNIGHT STORAGE ACRE-FEET	MIDNIGHT STORAGE S.F.D.	LOSS	FIRST POINT REGULATED FLOW	FLOW ABOVE 1ST PT.	CHANGE IN STORAGE+LOSS +1ST POINT +FLOW ABOVE 1ST POINT	COMPUTED 1ST POINT NATURAL FLOW	MEAN STORAGE Recreation Pool + Dead Storage = 15,218 S.F.D. (30,184 ACFT) TOTAL	MEAN STORAGE Recreation Pool + Dead Storage = 15,218 S.F.D. (30,184 ACFT) IRRIGATION	KERN COUNTY RECREATION POOL LOSS	TOTAL FLOW AT SECOND POINT	SECOND POINT GROUP FLOW AT 2ND POINT KERN RIVER	SECOND POINT GROUP FLOW AT 2ND POINT FRIANT-KERN	FRIANT-KERN INFLOW	DAY
Previous Day	2560.31	169,341	85,376	35	394	1	189	189	85,376	70,158	4	0	0	0	0	
1	2560.16	168,448	84,926	12	626	2	190	199	84,935	69,717	1	0	0	0	0	1
2	2560.06	167,854	84,626	10	507	1	218	215	84,632	69,414	1	0	0	0	0	2
3	2560.05	167,794	84,596	2	264	2	238	225	84,589	69,371	0	0	0	0	0	3
4	2560.04	167,735	84,566	20	227	1	218	229	84,570	69,352	2	0	0	0	0	4
5	2560.04	167,735	84,566	12	217	1	230	214	84,554	69,336	1	0	0	0	0	5
6	2560.03	167,676	84,537	14	208	1	194	221	84,552	69,334	2	0	0	0	0	6
7	2560.04	167,735	84,566	14	194	1	238	217	84,560	69,342	2	0	0	0	0	7
8	2560.04	167,735	84,566	22	196	1	219	219	84,560	69,342	3	0	0	0	0	8
9	2560.03	167,676	84,537	36	191	1	199	206	84,538	69,320	4	0	0	0	0	9
10	2560.02	167,616	84,506	34	195	1	199	205	84,513	69,295	4	0	0	0	0	10
11	2560.03	167,616	84,506	36	180	2	218	209	84,504	69,286	4	0	0	0	0	11
12	2560.03	167,616	84,506	26	182	1	209	225	84,520	69,302	3	0	0	0	0	12
13	2560.04	167,735	84,566	10	177	1	248	228	84,560	69,342	1	0	0	0	0	13
14	2560.05	167,794	84,596	22	175	1	228	233	84,595	69,377	3	0	0	0	0	14
15	2560.06	167,854	84,626	12	181	1	224	229	84,630	69,412	1	0	0	0	0	15
16	2560.06	167,854	84,626	10	223	1	234	266	84,662	69,444	1	0	0	0	0	16
17	2560.07	167,913	84,656	2	308	1	341	310	84,661	69,443	0	0	0	0	0	17
18	2560.08	167,972	84,686	4	320	1	355	361	84,697	69,479	0	0	0	0	0	18
19	2560.07	167,913	84,656	4	412	1	387	351	84,631	69,413	0	0	0	0	0	19
20	2560.03	167,676	84,537	18	412	1	312	334	84,534	69,316	2	0	0	0	0	20
21	2559.97	167,321	84,358	32	449	1	303	288	84,340	69,122	4	0	0	0	0	21
22	2559.90	166,907	84,149	4	454	1	250	271	84,152	68,934	0	0	0	0	0	22
23	2559.83	166,493	83,940	10	457	1	259	256	83,940	68,722	1	0	0	0	0	23
24	2559.87	166,729	84,059	2	464	1	586	586	84,059	68,841	0	0	0	0	0	24
25	2559.98	167,380	84,387	2	462	1	793	793	84,387	69,169	0	0	0	0	0	25
26	2560.04	167,735	84,566	2	454	2	637	637	84,566	69,348	0	0	0	0	0	26
27	2560.04	167,735	84,566	8	442	1	451	420	84,535	69,317	1	0	0	0	0	27
28	2560.01	167,557	84,477	20	428	1	360	374	84,460	69,242	2	0	0	0	0	28
29	2559.97	167,321	84,358	20	408	1	310	323	84,354	69,136	2	0	0	0	0	29
30	2559.95	167,203	84,298	2	356	1	299	303	84,298	69,080	0	0	0	0	0	30
31	2560.02	167,616	84,506	6	287	2	503	503	84,506	69,288	1	0	0	0	0	31
TOTAL SECOND FOOT DAYS				428	10,056	36	9,650	9,650	84,506	69,288	46	0	0	0	0	
TOTAL ACRE-FEET				849	19,946	72	19,140	19,140	167,616	137,432	91	0	0	0	0	

By: _____ Date: February 25, 2000

NORTH KERN WATER STORAGE DISTRICT

DAY	ENT'L AT 1ST POINT	FLOW AT 1ST POINT	FLOW ABOVE 1ST POINT: LAKE MING	KERN VALLEY GOLF COURSE	CAL WATER SERVICE	OLCESE WD	RESERVOIR LOSS	RESERVOIR STORAGE
Previous Day	189	394	0	0	0	1	19	36,692
1	199	620	1	0	1	0	7	36,262
2	215	507	0	0	0	1	5	35,964
3	225	239	1	0	1	0	1	35,947
4	229	178	0	0	1	0	11	35,986
5	214	184	0	0	0	1	6	36,009
6	221	201	1	0	0	0	8	36,020
7	217	188	0	0	1	0	8	36,040
8	219	190	0	0	0	1	12	36,056
9	206	184	0	0	1	0	20	36,057
10	205	185	1	0	0	0	19	36,057
11	209	180	0	0	1	1	20	36,064
12	225	182	0	1	0	0	14	36,092
13	228	177	0	0	0	1	5	36,137
14	233	175	0	0	1	0	12	36,182
15	229	181	1	0	0	0	6	36,223
16	266	223	0	0	0	1	5	36,260
17	310	293	0	0	1	0	1	36,275
18	361	320	0	0	1	0	2	36,313
19	351	406	0	0	1	0	2	36,255
20	334	412	1	0	0	0	10	36,166
21	288	447	0	0	0	1	18	35,988
22	271	443	0	0	1	0	2	35,813
23	256	448	0	0	1	0	5	35,615
24	586	464	0	0	1	0	1	35,735
25	793	462	1	0	0	0	1	36,064
26	637	454	0	0	1	1	1	36,244
27	420	442	0	0	1	0	4	36,217
28	374	428	0	0	1	0	11	36,151
29	323	408	0	0	1	0	11	36,054
30	303	356	1	0	0	0	1	35,999
31	503	287	0	0	1	1	3	36,210
S.F.D.	9,650	9,864	8	1	18	9	232	36,210
AC.FT.	19,140	19,566	16	2	36	18	460	71,823

TOTAL ACRE-FOOT STORAGE DAYS 2,218,421

BUENA VISTA WATER STORAGE DISTRICT

DAY	ENT'L AT 1ST POINT	FLOW VIA KDWD	FLOW AT 2ND POINT	RESERVOIR LOSS	RESERVOIR STORAGE
Previous Day	0	0	0	16	33,311
1	0	6	0	5	33,300
2	0	0	0	5	33,295
3	0	0	0	1	33,294
4	0	4	0	9	33,281
5	0	5	0	6	33,270
6	0	4	0	6	33,260
7	0	6	0	6	33,248
8	0	6	0	10	33,232
9	0	6	0	16	33,210
10	0	0	0	15	33,195
11	0	0	0	16	33,179
12	0	0	0	12	33,167
13	0	0	0	5	33,162
14	0	0	0	10	33,152
15	0	0	0	6	33,146
16	0	0	0	5	33,141
17	0	0	0	1	33,140
18	0	0	0	2	33,138
19	0	0	0	2	33,136
20	0	0	0	8	33,128
21	0	0	0	14	33,114
22	0	0	0	2	33,112
23	0	0	0	5	33,107
24	0	0	0	1	33,106
25	0	0	0	1	33,105
26	0	0	0	1	33,104
27	0	0	0	4	33,100
28	0	0	0	9	33,091
29	0	0	0	9	33,082
30	0	0	0	1	33,081
31	0	0	0	3	33,078
S.F.D.	0	37	0	196	33,078
AC.FT.	0	73	0	389	65,609

TOTAL ACRE-FOOT STORAGE DAYS 2,039,313

HACIENDA WATER DISTRICT

DAY	ENTITLEMENT Contributed By: NKWSD	ENTITLEMENT Contributed By: BVWSD	FLOW FOR ID4	FLOW ABOVE 1ST PT. La HACIENDA INC.	RESERVOIR LOSS	RESERVOIR STORAGE
Previous Day	0	0	0	0	0	155
1	0	0	0	0	0	155
2	0	0	0	0	0	155
3	0	0	25	0	0	130
4	0	0	45	0	0	85
5	0	0	28	0	0	57
6	0	0	3	0	0	54
7	0	0	0	0	0	54
8	0	0	0	0	0	54
9	0	0	1	0	0	53
10	0	0	10	0	0	43
11	0	0	0	0	0	43
12	0	0	0	0	0	43
13	0	0	0	0	0	43
14	0	0	0	0	0	43
15	0	0	0	0	0	43
16	0	0	0	0	0	43
17	0	0	15	0	0	28
18	0	0	0	0	0	28
19	0	0	6	0	0	22
20	0	0	0	0	0	22
21	0	0	2	0	0	20
22	0	0	11	0	0	9
23	0	0	9	0	0	0
24	0	0	0	0	0	0
25	0	0	0	0	0	0
26	0	0	0	0	0	0
27	0	0	0	0	0	0
28	0	0	0	0	0	0
29	0	0	0	0	0	0
30	0	0	0	0	0	0
31	0	0	0	0	0	0
S.F.D.	0	0	155	0	0	0
AC.FT.	0	0	307	0	0	0

TOTAL ACRE-FOOT STORAGE DAYS 2,434

WATERMASTER NOTES *** KERN RIVER BULLETIN

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

SNOW SURVEY DATA FOR KERN RIVER BASIN

Date: February 1, 2000

SNOW COURSE	SNOW SENSOR	CALIF. NUMBER	ELEV. IN FEET	APRIL 1ST AVERAGE WATER CONTENT	DATE MEASURED	SNOW DEPTH IN INCHES	DENSITY (%)	WATER CONTENT IN INCHES	% OF APRIL 1ST AVERAGE	MEASURED BY
	Upper Tyndall Creek	516	11,450	27.7						
Bighorn Plateau		250	11,350	21.9	2-01	34.0	23%	7.7	35%	DWR
Cottonwood Pass		251	11,050	13.4	1-24	10.2	27%	2.8	21%	DWR
Siberian Pass		252	10,900	18.3						
Crabtree Meadow		253	10,700	18.8						
	Crabtree Meadow	253	10,700	19.8						
Guyot Flat		254	10,650	20.0						
Tyndall Creek		255	10,650	18.3	2-01	33.4	23%	7.6	42%	DWR
Sandy Meadow		275	10,650	18.3						
	Chagoopa Plateau	514	10,300	21.8						
Big Whitney Meadow		257	9,750	16.6	1-24	13.8	28%	3.8	23%	DWR
Rock Creek		256	9,600	17.2						
	Pascoe	569	9,130	24.9	2-02	39.0	21%	8.0	32%	USFS
Round Meadow		258	9,000	24.9	2-01	28.6	24%	7.0	28%	USFS
	Tunnel Guard	830	8,960	15.6	1-31	19.0	21%	4.0	26%	DWR
	Wet Meadow	518	8,950	30.3						
Ramshaw Meadow		259	8,700	11.3	1-26	12.7	25%	3.2	28%	DWR
Little Whitney Mea.		260	8,500	13.5	1-25	17.6	23%	4.0	30%	DWR
Casa Vieja Meadow		262	8,400	19.6	2-03	24.7	26%	6.3	32%	USFS
	Casa Vieja Meadows	262	8,400	20.9						
Quinn Ranger Sta.		264	8,350	19.4						
Bonita Meadows		261	8,300	13.8	2-03	25.4	10%	2.6	19%	USFS
Beach Meadows		265	7,650	8.9	2-03	13.8	15%	2.1	24%	USFS
	Beach Meadows	860	7,650	11.0	2-03	10.8	28%	3.0	27%	USFS
Dead Horse Meadow		249	7,300	11.3	2-01	0.0	0%	0.0	0%	USFS

CALIFORNIA COOPERATIVE SNOW SURVEYS FORECAST as of FEBRUARY 1, 2000 for KERN RIVER INFLOW TO ISABELLA RESERVOIR...
April-July = 190,000 acre-feet (43% of Average) *** Water Year = 325,000 acre-feet (47% of Average)
80 Percent Probability Range (Actual runoff should fall within the stated limits eight times out of ten)...
April-July = 100,000 AcFt (23% of Average) to 540,000 AcFt (122% of Average) *** Water Year = 200,000 AcFt (29% of Average) to 820,000 AcFt (118% of Average)

REPORT OF THE KERN RIVER WATERMASTER

FEBRUARY 2000

Quantities in S.F.D. except where noted

DAY	ISABELLA RESERVOIR ELEVATION (FEET)	MIDNIGHT STORAGE ACRE-FEET	S.F.D.	LOSS	FIRST POINT REGULATED FLOW	FLOW ABOVE 1ST PT.	CHANGE IN STORAGE+LOSS +1ST POINT +FLOW ABOVE 1ST POINT	COMPUTED 1ST POINT NATURAL FLOW	MEAN STORAGE Recreation Pool + Dead Storage = 15,218 S.F.D. (30,184 ACFT) TOTAL	IRRIGATION	KERN COUNTY RECREATION POOL LOSS	TOTAL FLOW AT SECOND POINT	SECOND POINT GROUP FLOW AT 2ND POINT KERN RIVER	FRIANT-KERN	FRIANT-KERN INFLOW	DAY
Previous Day	2560.02	167,616	84,506	6	287	2	503	503	84,506	69,288	1	0	0	0	0	
1	2560.05	167,794	84,596	9	285	1	385	385	84,596	69,378	1	0	0	0	0	1
2	2560.04	167,735	84,566	38	338	1	347	352	84,571	69,353	5	0	0	0	0	2
3	2560.03	167,676	84,537	35	354	1	361	346	84,527	69,309	4	0	0	0	0	3
4	2560.02	167,616	84,506	17	343	1	330	345	84,511	69,293	2	0	0	0	0	4
5	2560.02	167,616	84,506	16	326	1	343	339	84,507	69,289	2	0	0	0	0	5
6	2560.01	167,557	84,477	23	350	1	345	339	84,472	69,254	3	0	0	0	0	6
7	2560.00	167,499	84,447	33	327	1	331	337	84,448	69,230	4	0	0	0	0	7
8	2560.00	167,499	84,447	9	324	1	334	328	84,442	69,224	1	0	0	0	0	8
9	2559.99	167,440	84,418	6	341	1	319	333	84,427	69,209	1	0	0	0	0	9
10	2560.00	167,499	84,447	2	315	1	347	385	84,494	69,276	0	0	0	0	0	10
11	2560.04	167,735	84,566	2	366	1	488	455	84,580	69,362	0	0	0	0	0	11
12	2560.08	167,972	84,686	2	408	1	531	517	84,686	69,468	0	0	0	0	0	12
13	2560.29	169,222	85,316	2	434	1	1,067	1,067	85,316	70,098	0	0	0	0	0	13
14	2560.63	171,258	86,343	14	531	1	1,573	1,573	86,343	71,125	2	0	0	0	0	14
15	2560.88	172,764	87,102	9	491	1	1,260	1,260	87,102	71,884	1	0	0	0	0	15
16	2561.03	173,672	87,560	2	470	0	930	850	87,480	72,262	0	0	0	0	0	16
17	2561.11	174,157	87,804	4	440	1	689	762	87,797	72,579	0	0	0	0	0	17
18	2561.18	174,583	88,019	18	433	1	667	631	87,976	72,758	2	0	0	0	0	18
19	2561.21	174,766	88,111	30	416	1	539	597	88,126	72,908	3	0	0	0	0	19
20	2561.26	175,069	88,264	2	429	1	585	608	88,302	73,084	0	0	0	0	0	20
21	2561.35	175,619	88,541	2	419	1	699	630	88,510	73,292	0	0	0	0	0	21
22	2561.40	175,925	88,696	2	447	1	605	707	88,767	73,549	0	0	0	0	0	22
23	2561.51	176,597	89,034	2	476	1	817	679	88,967	73,749	0	0	0	0	0	23
24	2561.55	176,842	89,158	2	489	1	616	690	89,165	73,947	0	0	0	0	0	24
25	2561.60	177,149	89,313	14	467	1	637	622	89,305	74,087	2	0	0	0	0	25
26	2561.65	177,457	89,468	22	436	1	614	620	89,466	74,248	2	0	0	0	0	26
27	2561.71	177,826	89,654	2	421	1	610	636	89,678	74,460	0	0	0	0	0	27
28	2561.79	178,318	89,902	6	429	0	683	659	89,902	74,684	1	0	0	0	0	28
29	2561.85	178,688	90,089	2	452	1	642	642	90,089	74,871	0	0	0	0	0	29
TOTAL SECOND FOOT DAYS				327	11,757	27	17,694	17,694	90,089	74,871	36	0	0	0	0	
TOTAL ACRE-FEET				649	23,320	53	35,096	35,096	178,688	148,504	71	0	0	0	0	

By: _____ Date: March 23, 2000

NORTH KERN WATER STORAGE DISTRICT

DAY	ENT'L AT 1ST POINT	FLOW AT 1ST POINT	FLOW ABOVE 1ST POINT: LAKE MING	KERN VALLEY GOLF COURSE	CAL WATER SERVICE	OLCESE WD	RESERVOIR LOSS	RESERVOIR STORAGE
Previous Day	503	287	0	0	1	1	3	36,210
1	385	278	0	0	1	0	5	36,311
2	352	338	0	0	0	1	21	36,303
3	346	354	0	0	1	0	19	36,275
4	345	343	1	0	0	0	9	36,267
5	339	326	0	0	1	0	9	36,270
6	339	350	0	0	0	1	13	36,245
7	337	319	0	0	1	0	18	36,244
8	328	324	1	0	0	0	5	36,242
9	333	341	0	0	1	0	3	36,230
10	385	315	0	0	0	1	1	36,298
11	455	364	1	0	0	0	1	36,387
12	517	408	0	0	1	0	1	36,494
13	1,067	434	0	0	1	0	1	37,125
14	1,550	508	1	0	0	0	8	38,158
15	1,260	491	0	0	1	0	5	38,921
16	850	470	0	0	0	0	1	39,300
17	762	440	1	0	0	0	2	39,619
18	631	433	0	0	1	0	10	39,806
19	597	416	0	0	1	0	17	39,969
20	608	429	1	0	0	0	1	40,146
21	630	419	0	0	1	0	1	40,355
22	707	447	0	0	0	1	1	40,613
23	679	476	1	0	0	0	1	40,814
24	690	487	0	0	1	0	1	41,015
25	622	461	0	0	1	0	8	41,167
26	620	430	1	0	0	0	13	41,343
27	636	415	0	0	1	0	1	41,562
28	659	420	0	0	0	0	4	41,797
29	642	439	0	0	1	0	1	41,998
S.F.D.	17,671	11,675	8	0	15	4	181	41,998
AC.FT.	35,050	23,156	16	0	30	7	359	83,301

TOTAL ACRE-FOOT STORAGE DAYS 2,220,046

BUENA VISTA WATER STORAGE DISTRICT

DAY	ENT'L AT 1ST POINT	FLOW: VIA KDWD	FLOW: VIA CWD	FLOW: AT 2ND POINT	RESERVOIR LOSS	RESERVOIR STORAGE
Previous Day	0	0	0	0	3	33,078
1	0	0	7	0	4	33,067
2	0	0	0	0	17	33,050
3	0	0	0	0	16	33,034
4	0	0	0	0	8	33,026
5	0	0	0	0	7	33,019
6	0	0	0	0	10	33,009
7	0	8	0	0	15	32,986
8	0	0	0	0	4	32,982
9	0	0	0	0	3	32,979
10	0	0	0	0	1	32,978
11	0	2	0	0	1	32,975
12	0	0	0	0	1	32,974
13	0	0	0	0	1	32,973
14	23	0	23	0	6	32,967
15	0	0	0	0	4	32,963
16	0	0	0	0	1	32,962
17	0	0	0	0	2	32,960
18	0	0	0	0	8	32,952
19	0	0	0	0	13	32,939
20	0	0	0	0	1	32,938
21	0	0	0	0	1	32,937
22	0	0	0	0	1	32,936
23	0	0	0	0	1	32,935
24	0	2	0	0	1	32,932
25	0	6	0	0	6	32,920
26	0	6	0	0	9	32,905
27	0	6	0	0	1	32,898
28	0	9	0	0	2	32,887
29	0	13	0	0	1	32,873
S.F.D.	23	52	30	0	146	32,873
AC.FT.	46	104	60	0	290	65,203

TOTAL ACRE-FOOT STORAGE DAYS 1,896,110

HACIENDA WATER DISTRICT

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

TOTAL ACRE-FOOT STORAGE DAYS 0

*WATERMASTER NOTES *** KERN RIVER BULLETIN*

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

CALIFORNIA COOPERATIVE SNOW SURVEYS

FORECAST OF APRIL-JULY INFLOW TO LAKE ISABELLA

February Impact on Kern River Water Supply

Year	February 1st Forecast Volume	February 1st Forecast % of Normal	March 1st Forecast Volume	March 1st Forecast % of Normal	Percentage Increase or Decrease
2000	190,000	43%	360,000	81%	89.47%
1999	330,000	75%	310,000	70%	-6.06%
1998	440,000	100%	880,000	199%	100.00%
1997	880,000	199%	770,000	174%	-12.50%
1996	320,000	72%	460,000	104%	43.75%
1995	550,000	124%	490,000	111%	-10.91%
1994	200,000	45%	260,000	59%	30.00%
1993	470,000	106%	600,000	136%	27.66%
1992	165,000	37%	230,000	52%	39.39%
1991	120,000	27%	85,000	19%	-29.17%
1990	175,000	40%	180,000	41%	2.86%
1989	230,000	52%	240,000	54%	4.35%
1988	260,000	59%	200,000	45%	-23.08%
1987	180,000	41%	180,000	41%	0.00%
1986	320,000	72%	700,000	158%	118.75%
1985	340,000	77%	320,000	72%	-5.88%
1984	470,000	106%	450,000	102%	-4.26%
1983	750,000	170%	1,000,000	226%	33.33%
1982	365,000	83%	330,000	75%	-9.59%
1981	280,000	63%	260,000	59%	-7.14%
1980	485,000	110%	860,000	195%	77.32%
1979	265,000	60%	360,000	81%	35.85%
1978	525,000	119%	850,000	192%	61.90%
1977	125,000	28%	95,000	21%	-24.00%
1976	115,000	26%	120,000	27%	4.35%
1975	190,000	43%	250,000	57%	31.58%
1974	400,000	90%	330,000	75%	-17.50%
1973	500,000	113%	650,000	147%	30.00%
1972	250,000	57%	185,000	42%	-26.00%
1971	365,000	83%	260,000	59%	-28.77%
1970	410,000	93%	390,000	88%	-4.88%
1969	880,000	199%	1,850,000	419%	110.23%
Mean	360,781		453,281		25.64%

REPORT OF THE KERN RIVER WATERMASTER

MARCH 2000

Quantities in S.F.D. except where noted

DAY	ISABELLA RESERVOIR ELEVATION (FEET)	MIDNIGHT STORAGE ACRE-FEET	MIDNIGHT STORAGE S.F.D.	LOSS	FIRST POINT REGULATED FLOW	FLOW ABOVE 1ST PT.	CHANGE IN STORAGE+LOSS +1ST POINT +FLOW ABOVE 1ST POINT	COMPUTED 1ST POINT NATURAL FLOW	MEAN STORAGE Recreation Pool + Dead Storage = 15,218 S.F.D. (30,184 ACFT) TOTAL	MEAN STORAGE IRRIGATION	KERN COUNTY RECREATION POOL LOSS	TOTAL FLOW AT SECOND POINT	SECOND POINT GROUP FLOW AT 2ND POINT KERN RIVER	SECOND POINT GROUP FLOW AT 2ND POINT FRIANT-KERN	FRIANT-KERN INFLOW	DAY
Previous Day	2561.85	178,688	90,089	2	452	1	642	642	90,089	74,871	0	0	0	0	0	
1	2561.91	179,059	90,276	4	465	1	657	657	90,276	75,058	0	14	14	0	0	1
2	2561.97	179,431	90,463	2	484	1	674	661	90,450	75,232	0	25	25	0	0	2
3	2562.02	179,739	90,618	5	475	1	636	647	90,616	75,398	1	29	29	0	0	3
4	2562.07	180,049	90,775	2	470	1	630	725	90,868	75,650	0	27	27	0	0	4
5	2562.20	180,857	91,182	2	498	1	908	745	91,112	75,894	0	30	30	0	0	5
6	2562.26	181,230	91,370	2	507	1	698	760	91,362	76,144	0	33	33	0	0	6
7	2562.32	181,604	91,559	18	466	1	674	672	91,549	76,331	2	31	31	0	0	7
8	2562.37	181,916	91,716	18	469	1	645	662	91,723	76,505	2	15	15	0	203	8
9	2562.43	182,291	91,905	12	465	1	667	650	91,895	76,677	1	0	0	0	447	9
10	2562.48	182,604	92,063	23	455	1	637	643	92,059	76,841	2	0	0	0	560	10
11	2562.53	182,916	92,220	20	447	1	625	656	92,247	77,029	2	0	0	0	647	11
12	2562.60	183,355	92,442	25	456	2	705	696	92,460	77,242	3	0	0	0	730	12
13	2562.69	183,921	92,727	28	445	1	759	757	92,743	77,525	3	0	0	0	805	13
14	2562.80	184,612	93,075	27	431	2	808	803	93,086	77,868	3	0	0	0	736	14
15	2562.92	185,370	93,457	29	428	2	841	835	93,462	78,244	3	0	0	0	580	15
16	2563.05	186,191	93,871	32	409	2	857	897	93,916	78,698	3	0	0	0	672	16
17	2563.21	187,207	94,384	34	444	1	992	926	94,363	79,145	4	0	0	0	953	17
18	2563.35	188,097	94,832	38	442	2	930	942	94,823	79,605	4	0	0	0	1,010	18
19	2563.46	188,800	95,187	40	506	2	903	956	95,231	80,013	4	0	0	0	1,010	19
20	2563.59	189,631	95,606	40	574	2	1,035	953	95,568	80,350	4	0	0	0	1,010	20
21	2563.65	190,016	95,800	36	688	3	921	961	95,802	80,584	4	0	0	0	1,043	21
22	2563.68	190,208	95,897	65	762	2	926	916	95,889	80,671	7	42	42	0	1,037	22
23	2563.72	190,465	96,026	47	724	2	902	909	96,025	80,807	5	46	46	0	1,085	23
24	2563.78	190,850	96,220	38	665	2	899	878	96,198	80,980	4	28	28	0	1,115	24
25	2563.83	191,172	96,383	31	637	3	834	867	96,394	81,176	3	47	47	0	1,115	25
26	2563.87	191,430	96,513	45	691	2	868	859	96,515	81,297	5	47	47	0	1,115	26
27	2563.91	191,688	96,643	38	704	2	874	918	96,689	81,471	4	47	47	0	1,115	27
28	2563.98	192,140	96,871	45	738	2	1,013	939	96,843	81,625	5	47	47	0	1,115	28
29	2564.03	192,461	97,032	33	732	3	929	964	97,039	81,821	3	47	47	0	1,139	29
30	2564.09	192,850	97,229	33	718	2	950	943	97,229	82,011	3	47	47	0	983	30
31	2564.15	193,239	97,425	38	663	3	900	900	97,425	82,207	4	44	44	0	700	31
TOTAL SECOND FOOT DAYS				850	17,058	53	25,297	25,297	97,425	82,207	88	646	646	0	20,925	
TOTAL ACRE-FEET				1,686	33,834	105	50,176	50,176	193,239	163,055	175	1,281	1,281	0	41,504	

By: _____ Date: April 14, 2000

NORTH KERN WATER STORAGE DISTRICT

DAY	ENT'L AT 1ST POINT	FLOW AT 1ST POINT	FLOW ABOVE 1ST POINT: LAKE MING	KERN VALLEY GOLF COURSE	CAL WATER SERVICE	OLCESE WD	GLEN GRUNDEIS	RESERVOIR LOSS	RESERVOIR STORAGE	DAY
Previous Day	642	439	0	0	1	0	0	1	41,998	
1	543	432	1	0	0	0	0	2	42,106	1
2	546	442	0	0	1	0	0	1	42,208	2
3	537	431	0	0	1	0	0	3	42,310	3
4	590	433	1	0	0	0	0	1	42,465	4
5	603	458	0	0	1	0	0	1	42,608	5
6	614	464	1	0	0	0	0	1	42,756	6
7	554	425	0	0	1	0	0	10	42,874	7
8	547	443	1	0	0	0	0	10	42,967	8
9	539	445	0	0	1	0	0	7	43,053	9
10	534	434	1	0	0	0	0	13	43,139	10
11	543	420	0	0	1	0	0	12	43,249	11
12	570	426	1	0	0	1	0	15	43,376	12
13	612	414	0	0	1	0	0	16	43,557	13
14	643	387	1	0	1	0	0	16	43,795	14
15	665	406	0	1	0	1	0	17	44,035	15
16	707	367	1	0	1	0	0	19	44,354	16
17	727	399	0	0	1	0	0	20	44,661	17
18	738	395	1	0	0	1	0	22	44,980	18
19	747	435	1	0	1	0	0	23	45,267	19
20	745	511	1	0	1	0	0	23	45,476	20
21	751	616	1	1	0	1	0	21	45,587	21
22	720	632	1	0	1	0	0	38	45,635	22
23	715	593	1	0	1	0	0	28	45,727	23
24	694	550	1	0	0	1	0	22	45,847	24
25	687	495	1	0	1	0	1	18	46,018	25
26	681	558	1	0	1	0	0	26	46,113	26
27	721	544	1	0	0	1	0	22	46,266	27
28	736	564	1	0	1	0	0	26	46,410	28
29	753	532	1	1	1	0	0	19	46,609	29
30	738	526	1	0	1	0	0	19	46,800	30
31	709	494	1	1	0	1	0	22	46,990	31
S.F.D.	20,209	14,671	22	4	19	7	1	493	46,990	S.F.D.
AC.FT.	40,084	29,099	44	8	37	14	2	978	93,203	AC.FT.

TOTAL ACRE-FOOT STORAGE DAYS 2,731,710

BUENA VISTA WATER STORAGE DISTRICT

DAY	ENT'L AT 2ND POINT	FLOW VIA KDWD	FLOW AT 2ND POINT	RESERVOIR LOSS	RESERVOIR STORAGE	DAY
Previous Day	0	13	0	1	32,873	
1	114	19	14	2	32,952	1
2	115	17	25	1	33,024	2
3	110	15	29	2	33,088	3
4	135	10	27	1	33,185	4
5	142	10	30	1	33,286	5
6	146	10	33	1	33,388	6
7	118	10	31	8	33,457	7
8	115	11	15	8	33,538	8
9	111	20	0	5	33,624	9
10	109	21	0	10	33,702	10
11	113	27	0	8	33,780	11
12	126	30	0	10	33,866	12
13	145	31	0	12	33,968	13
14	160	44	0	11	34,073	14
15	170	22	0	12	34,209	15
16	190	42	0	13	34,344	16
17	199	45	0	14	34,484	17
18	204	47	0	16	34,625	18
19	209	71	0	17	34,746	19
20	208	63	0	17	34,874	20
21	210	72	0	15	34,997	21
22	196	88	42	27	35,036	22
23	194	85	46	19	35,080	23
24	184	87	28	16	35,133	24
25	180	95	47	13	35,158	25
26	178	86	47	19	35,184	26
27	197	113	47	16	35,205	27
28	203	127	47	19	35,215	28
29	211	153	47	14	35,212	29
30	205	145	47	14	35,211	30
31	191	125	44	16	35,217	31
S.F.D.	5,088	1,741	646	357	35,217	S.F.D.
AC.FT.	10,092	3,454	1,281	708	69,852	AC.FT.

TOTAL ACRE-FOOT STORAGE DAYS 2,108,153

HACIENDA WATER DISTRICT

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

TOTAL ACRE-FOOT STORAGE DAYS 0

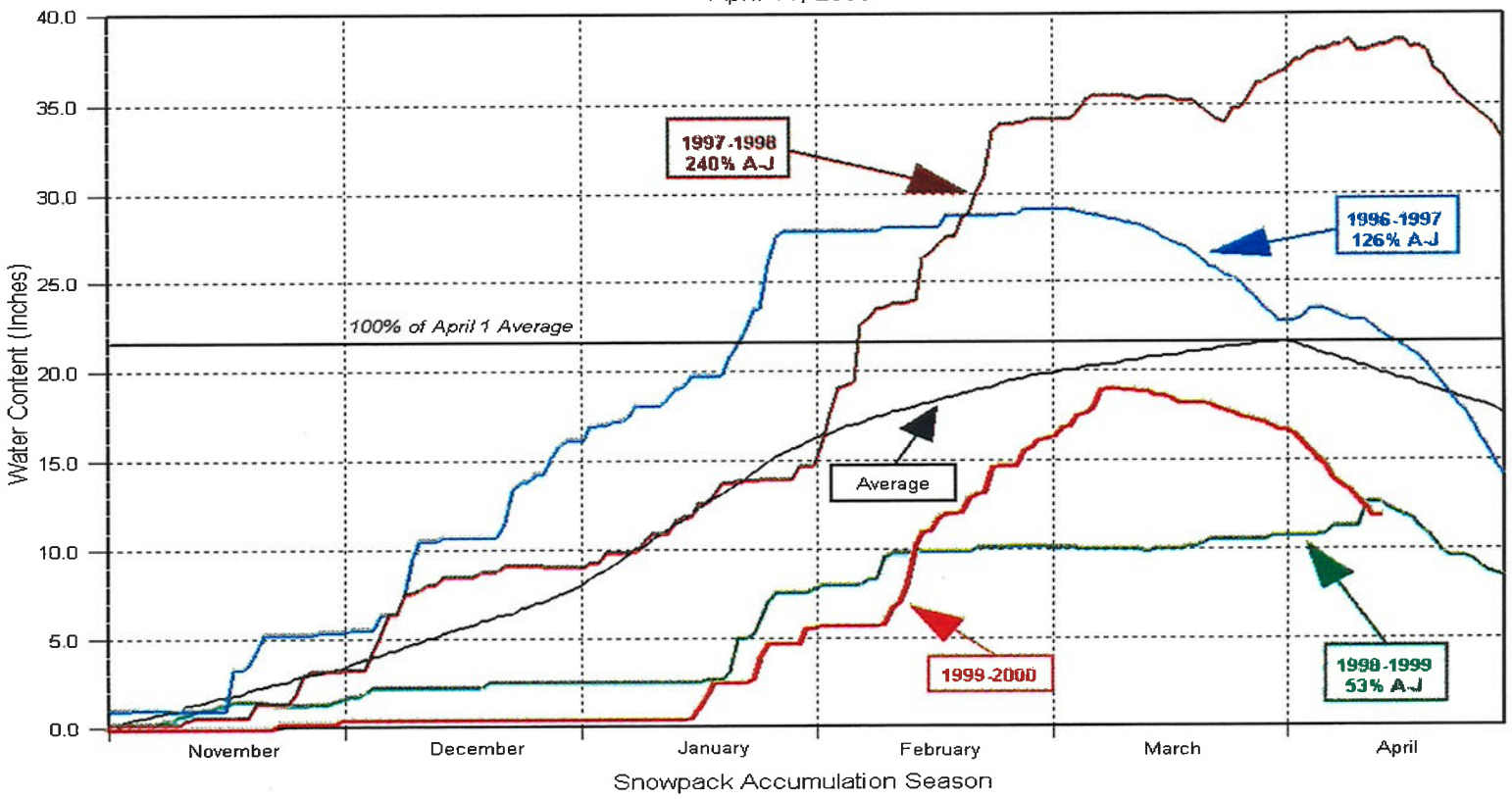
WATERMASTER NOTES *** KERN RIVER BULLETIN

MONTH	DAY(S)	PAGE NO.	TITLE OF COLUMN	COMMENT
March	8-31	1	FRIANT-KERN INFLOW	Includes Friant-Kern Inflow to Kern River Channel on behalf of Kern County Water Agency (31,147 acre-feet), Arvin-Edison WSD (8,206 acre-feet), Kern-Tulare WD/Rag Gulch WD (1,724 acre-feet), and North Kern Water Storage District (427 acre-feet).

KERN RIVER BASIN SNOWPACK

EIGHT SENSOR INDEX

April 14, 2000



CITY OF BAKERSFIELD WATER RESOURCES DEPARTMENT

REPORT OF THE KERN RIVER WATERMASTER

APRIL 2000

Quantities in S.F.D. except where noted

	ISABELLA RESERVOIR						CHANGE IN STORAGE+LOSS +1ST POINT +FLOW ABOVE 1ST POINT	COMPUTED 1ST POINT NATURAL FLOW	MEAN STORAGE Recreation Pool + Dead Storage = 15,218 S.F.D. (30,184 ACFT)		KERN COUNTY RECREATION POOL LOSS	TOTAL FLOW AT SECOND POINT	SECOND POINT GROUP FLOW AT 2ND POINT		FRIANT-KERN INFLOW	
DAY	ELEVATION (FEET)	MIDNIGHT STORAGE ACRE-FEET	S.F.D.	LOSS	FIRST POINT REGULATED FLOW	FLOW ABOVE 1ST PT.			TOTAL	IRRIGATION			KERN RIVER	FRIANT-KERN		DAY
Previous Day	2564.15	193,239	97,425	38	663	3	900	900	97,425	82,207	4	44	44	0	700	
1	2564.20	193,563	97,588	61	684	3	911	897	97,574	82,356	6	40	40	0	480	1
2	2564.21	193,628	97,621	63	769	3	868	884	97,623	82,405	6	36	36	0	140	2
3	2564.20	193,563	97,588	47	855	3	872	913	97,631	82,413	5	48	48	0	0	3
4	2564.20	193,563	97,588	66	928	4	998	986	97,619	82,401	7	36	36	0	0	4
5	2564.21	193,628	97,621	64	987	3	1,087	1,105	97,670	82,452	6	23	23	0	0	5
6	2564.27	194,017	97,817	70	959	4	1,229	1,170	97,807	82,589	7	18	18	0	0	6
7	2564.35	194,537	98,079	51	878	3	1,194	1,193	98,068	82,850	5	5	5	0	0	7
8	2564.44	195,124	98,375	49	807	3	1,155	1,221	98,430	83,212	5	23	23	0	0	8
9	2564.58	196,037	98,835	57	794	4	1,315	1,229	98,804	83,586	6	17	17	0	0	9
10	2564.69	196,758	99,199	48	804	3	1,219	1,241	99,190	83,972	5	21	21	0	0	10
11	2564.77	197,281	99,463	46	875	3	1,188	1,188	99,454	84,236	5	30	30	0	0	11
12	2564.81	197,544	99,595	72	950	4	1,158	1,175	99,603	84,385	7	8	8	0	0	12
13	2564.85	197,807	99,728	55	989	3	1,180	1,177	99,733	84,515	5	9	9	0	0	13
14	2564.91	198,202	99,927	19	972	3	1,193	1,180	99,919	84,701	2	5	5	0	0	14
15	2564.99	198,730	100,193	22	877	3	1,168	1,132	100,149	84,931	2	0	0	0	0	15
16	2565.04	199,058	100,358	39	826	4	1,034	1,107	100,387	85,169	4	0	0	0	0	16
17	2565.10	199,455	100,559	2	914	3	1,120	1,080	100,548	85,330	0	0	0	0	0	17
18	2565.17	199,918	100,792	24	826	3	1,086	1,075	100,770	85,552	2	0	0	0	0	18
19	2565.24	200,382	101,026	35	748	3	1,020	1,054	101,038	85,820	3	0	0	0	0	19
20	2565.36	201,177	101,427	41	609	4	1,055	1,011	101,395	86,177	4	0	0	0	0	20
21	2565.48	201,976	101,830	34	519	3	959	995	101,834	86,616	3	0	0	0	0	21
22	2565.61	202,842	102,266	66	465	3	970	947	102,247	87,029	6	0	0	0	0	22
23	2565.69	203,377	102,536	56	582	3	911	957	102,563	87,345	5	0	0	0	0	23
24	2565.76	203,844	102,771	53	699	3	990	985	102,793	87,575	5	0	0	0	0	24
25	2565.83	204,313	103,008	61	753	4	1,055	1,094	103,069	87,851	6	0	0	0	0	25
26	2565.94	205,052	103,380	59	803	3	1,237	1,213	103,417	88,199	5	0	0	0	0	26
27	2566.09	206,061	103,889	53	781	4	1,347	1,367	103,946	88,728	5	0	0	0	0	27
28	2566.32	207,614	104,672	67	663	4	1,517	1,455	104,667	89,449	6	0	0	0	15	28
29	2566.57	209,311	105,528	50	592	4	1,502	1,507	105,528	90,310	5	0	0	0	25	29
30	2566.80	210,879	106,318	68	576	3	1,437	1,437	106,318	91,100	6	0	0	0	25	30
TOTAL SECOND FOOT DAYS				1,498	23,484	100	33,975	33,975	106,318	91,100	144	319	319	0	685	
TOTAL ACRE-FEET				2,971	46,580	199	67,388	67,388	210,879	180,695	286	633	633	0	1,359	

By: _____ Date: May 16, 2000

NORTH KERN WATER STORAGE DISTRICT

DAY	ENT'L AT 1ST POINT	FLOW AT 1ST POINT	FLOW ABOVE 1ST POINT: LAKE MING	KERN VALLEY GOLF COURSE	CAL WATER SERVICE	OLCESE WD	RESERVOIR LOSS	RESERVOIR STORAGE	DAY
Previous Day	709	494	1	1	0	1	22	46,990	
1	707	547	1	0	1	1	36	47,111	1
2	698	658	1	0	1	1	37	47,111	2
3	718	715	1	0	2	0	28	47,083	3
4	768	789	1	1	1	1	39	47,019	4
5	849	847	1	0	1	1	38	46,980	5
6	893	841	1	1	1	1	41	46,987	6
7	909	780	1	0	1	1	30	47,083	7
8	928	684	1	0	2	0	29	47,295	8
9	933	684	1	1	1	1	33	47,507	9
10	942	669	1	0	1	1	28	47,749	10
11	906	729	1	0	1	1	27	47,896	11
12	897	825	1	1	1	1	42	47,922	12
13	898	870	1	0	2	0	32	47,915	13
14	900	845	1	0	1	1	11	47,956	14
15	867	761	1	0	1	1	13	48,046	15
16	850	743	1	1	1	1	23	48,126	16
17	832	812	1	0	1	1	1	48,142	17
18	828	717	1	0	2	0	14	48,236	18
19	814	637	1	0	1	1	20	48,390	19
20	785	508	1	1	1	1	24	48,639	20
21	774	418	1	0	1	1	20	48,972	21
22	741	379	1	0	1	1	38	49,293	22
23	748	510	1	0	2	0	33	49,495	23
24	767	613	1	0	1	1	31	49,615	24
25	841	667	1	1	1	1	36	49,749	25
26	923	630	1	0	1	1	34	50,005	26
27	1,028	601	1	1	1	1	31	50,397	27
28	1,088	547	1	0	2	1	39	50,895	28
29	1,123	442	1	1	1	1	29	51,543	29
30	1,075	436	1	0	1	1	40	52,139	30
S.F.D.	26,030	19,904	30	9	36	25	877	52,139	S.F.D.
AC.FT.	51,629	39,479	60	18	72	49	1,739	103,417	AC.FT.
							TOTAL ACRE-FOOT STORAGE DAYS	2,886,536	

BUENA VISTA WATER STORAGE DISTRICT

DAY	ENT'L AT 2ND POINT	FLOW: VIA KDWD	VIA CWD	AT 2ND POINT	RESERVOIR LOSS	RESERVOIR STORAGE	DAY
Previous Day	191	125	0	44	16	35,217	
1	190	97	0	40	25	35,245	1
2	186	75	0	36	26	35,294	2
3	195	92	0	48	19	35,330	3
4	218	103	0	36	27	35,382	4
5	256	117	0	23	26	35,472	5
6	277	100	0	18	29	35,602	6
7	284	93	0	5	21	35,767	7
8	293	100	0	23	20	35,917	8
9	296	93	0	17	24	36,079	9
10	299	114	0	21	20	36,223	10
11	282	116	0	30	19	36,340	11
12	278	117	0	8	30	36,463	12
13	279	110	0	9	23	36,600	13
14	280	122	0	5	8	36,745	14
15	265	116	0	0	9	36,885	15
16	257	83	0	0	16	37,043	16
17	248	102	0	0	1	37,188	17
18	247	109	0	0	10	37,316	18
19	240	111	0	0	15	37,430	19
20	226	101	0	0	17	37,538	20
21	221	101	0	0	14	37,644	21
22	206	86	0	0	28	37,736	22
23	209	72	0	0	23	37,850	23
24	218	86	0	0	22	37,960	24
25	253	86	0	0	25	38,102	25
26	290	106	67	0	25	38,194	26
27	339	100	80	0	22	38,331	27
28	367	36	80	0	28	38,554	28
29	384	25	125	0	21	38,767	29
30	362	18	122	0	28	38,961	30
S.F.D.	7,945	2,787	474	319	621	38,961	S.F.D.
AC.FT.	15,759	5,528	940	633	1,232	77,278	AC.FT.
					TOTAL ACRE-FOOT STORAGE DAYS	2,197,601	

HACIENDA WATER DISTRICT

DAY	ENTITLEMENT Contributed By: NKWSD	BVWSD	FLOW ABOVE 1ST PT. La HACIENDA INC.	RESERVOIR LOSS	RESERVOIR STORAGE	DAY
Previous Day	0	0	0	0	0	
1	0	0	0	0	0	1
2	0	0	0	0	0	2
3	0	0	0	0	0	3
4	0	0	0	0	0	4
5	0	0	0	0	0	5
6	0	0	0	0	0	6
7	0	0	0	0	0	7
8	0	0	0	0	0	8
9	0	0	0	0	0	9
10	0	0	0	0	0	10
11	0	0	0	0	0	11
12	0	0	0	0	0	12
13	0	0	0	0	0	13
14	0	0	0	0	0	14
15	0	0	0	0	0	15
16	0	0	0	0	0	16
17	0	0	0	0	0	17
18	0	0	0	0	0	18
19	0	0	0	0	0	19
20	0	0	0	0	0	20
21	0	0	0	0	0	21
22	0	0	0	0	0	22
23	0	0	0	0	0	23
24	0	0	0	0	0	24
25	0	0	0	0	0	25
26	0	0	0	0	0	26
27	0	0	0	0	0	27
28	0	0	0	0	0	28
29	0	0	0	0	0	29
30	0	0	0	0	0	30
S.F.D.	0	0	0	0	0	S.F.D.
AC.FT.	0	0	0	0	0	AC.FT.
			TOTAL ACRE-FOOT STORAGE DAYS		0	

WATERMASTER NOTES *** KERN RIVER BULLETIN

MONTH	DAY(S)	PAGE NO.	TITLE OF COLUMN	COMMENT
April	1-30	1	FRIANT-KERN INFLOW	Includes Friant-Kern Inflow to Kern River Channel on behalf of Kern County Water Agency (553 acre-feet), Arvin-Edison WSD (658 acre-feet), Kern-Tulare WD/Rag Gulch WD (124 acre-feet), and North Kern Water Storage District (24 acre-feet).

KERN RIVER BASIN – HISTORICAL SNOW COURSE DATA

APRIL 1ST WATER CONTENT IN INCHES

YEAR	BIGHORN PLATEAU	COTTONWOOD PASS	SIBERIAN PASS	CRABTREE MEADOW	GUYOT FLAT	SANDY MEADOWS	TYNDALL CREEK	BIG WHITNEY MEADOW	ROCK CREEK	ROUND MEADOW	RAMSHAW MEADOWS	LITTLE WHITNEY MEADOW	CASA VIEJA MEADOWS	QUINN RANGER STATION	BONITA MEADOWS	BEACH MEADOWS	BASIN WIDE AVERAGE	A-J RUNOFF IN PERCENT OF AVERAGE
1948	–	3.8	6.6	–	–	–	–	4.9	–	18.5	4.4	5.2	10.6	14.6	10.5	6.8	8.6	52%
1949	13.2	5.8	9.1	12.8	12.0	12.8	12.7	11.6	9.8	28.7	9.4	10.8	15.0	20.1	15.0	10.5	13.1	45%
1950	21.0	10.9	18.5	17.8	18.8	18.3	16.8	16.1	16.9	30.2	10.5	12.1	19.7	17.6	13.5	7.1	16.6	65%
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	71%
1954	22.0	11.8	18.0	16.8	18.0	16.8	18.7	15.7	18.3	29.2	12.2	17.0	23.5	21.3	15.4	10.1	17.8	76%
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	27.9	25.1	24.3	21.7	23.0	22.3	9.0	13.5	15.1	12.8	8.9	0.0	18.9	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	9.0	9.7	7.3	9.2	8.4	8.7	6.0	5.6	6.8	8.4	5.7	1.8	0.0	7.0	28%
1960	11.8	4.7	9.4	9.4	10.9	7.9	9.5	9.4	6.5	20.2	2.0	2.5	9.1	11.9	6.9	2.7	8.4	36%
1961	6.0	3.8	6.0	7.1	7.8	4.5	4.3	6.3	4.8	12.8	0.0	0.0	6.0	1.6	2.1	0.0	4.6	19%
1962	37.4	27.0	31.8	33.7	35.5	32.6	31.4	30.7	30.6	40.5	–	–	32.1	35.3	27.6	21.3	32.0	111%
1963	19.7	17.5	16.1	17.1	18.4	17.1	17.2	17.0	13.5	12.6	–	–	11.0	5.6	5.7	1.0	13.5	103%
1964	5.1	1.5	3.9	6.1	6.1	5.4	4.8	4.3	5.8	15.1	–	–	8.1	10.8	5.2	2.7	6.1	39%
1965	25.8	13.1	16.4	20.1	18.0	19.8	17.8	13.7	15.0	25.2	8.6	11.4	17.0	16.5	10.3	7.0	16.0	98%
1966	15.7	7.1	14.0	12.9	15.3	11.9	13.2	11.6	10.9	18.5	5.3	6.9	14.2	10.6	10.9	4.7	11.5	47%
1967	37.1	25.2	32.9	32.2	35.8	30.6	30.0	30.3	30.4	19.4	13.5	20.3	27.8	–	14.5	3.0	25.5	199%
1968	14.1	8.9	12.6	12.3	14.0	11.8	11.6	12.6	11.1	17.5	7.6	6.2	12.9	9.7	8.6	4.1	11.0	53%
1969	55.3	41.1	48.4	48.5	50.6	46.3	48.6	45.0	45.8	69.8	38.1	46.1	61.4	59.8	50.2	36.8	49.5	376%
1970	17.0	9.1	12.6	16.4	14.7	16.1	14.6	11.4	12.5	16.7	4.5	7.2	13.4	12.7	6.1	4.1	11.8	69%
1971	15.7	5.7	12.6	11.7	13.2	11.9	13.1	10.8	11.1	21.2	3.3	5.5	14.0	15.9	9.4	3.4	11.2	53%
1972	7.6	2.5	6.6	6.3	7.6	5.2	3.4	5.4	4.1	4.8	0.0	0.0	3.4	2.2	0.0	0.0	3.7	28%
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	156%
1974	25.4	13.2	20.6	20.5	22.6	19.0	20.4	19.1	18.1	29.8	14.3	14.6	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	4.9	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	46.8	31.9	37.6	41.1	43.7	32.2	23.6	38.7	236%
1979	19.9	13.2	17.5	18.2	17.5	17.7	18.8	14.7	14.2	25.3	12.2	14.2	–	–	18.2	14.9	16.9	90%
1980	40.9	29.4	34.4	34.3	35.1	34.5	35.7	29.5	33.5	25.0	21.6	27.4	30.0	36.7	18.7	16.2	30.2	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	24.6	23.2	24.3	24.1	26.3	20.3	23.7	31.0	15.2	19.0	29.2	–	23.0	11.6	23.0	172%
1983	48.9	34.9	45.0	45.3	49.2	46.9	43.7	38.6	44.7	63.4	33.2	37.6	48.1	52.1	42.2	30.6	44.0	333%
1984	21.9	9.7	15.4	20.1	17.6	18.1	17.0	12.9	13.8	15.7	2.1	2.6	11.9	9.4	2.1	0.0	11.9	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	19.1	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	32.6	191%
1987	11.3	7.6	8.9	9.3	11.5	9.2	11.0	7.8	8.1	15.8	6.3	8.3	9.8	17.3	9.0	1.3	9.5	46%
1988	9.6	5.3	7.8	8.8	8.9	8.9	9.0	4.0	6.3	7.2	0.0	0.0	2.7	2.4	0.4	0.0	5.1	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	14.6	5.2	13.1	50%
1990	7.6	1.9	6.1	6.6	7.2	4.9	7.9	6.2	4.0	9.9	0.9	2.2	–	4.9	1.6	0.0	4.8	24%
1991	19.7	14.1	17.5	14.1	18.9	17.1	17.2	15.1	17.0	24.7	11.6	14.6	14.0	21.0	15.0	7.0	16.2	60%
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	39%
1993	33.7	19.6	29.9	27.6	30.2	27.7	29.3	26.4	28.8	41.0	19.8	22.5	30.0	32.1	24.0	14.5	27.3	126%
1994	13.4	6.7	11.3	12.1	13.6	11.2	11.5	8.8	10.6	14.3	5.9	7.1	10.2	7.9	7.3	3.2	9.7	41%
1995	35.3	30.5	34.8	32.8	35.3	33.0	32.5	30.5	32.2	44.4	23.3	26.4	33.7	51.0	26.6	14.5	32.3	199%
1996	29.6	17.7	23.0	23.2	24.6	23.4	25.9	18.6	21.9	31.0	12.5	16.5	25.5	21.0	18.9	9.8	21.4	128%
1997	32.5	17.0	26.7	26.4	28.1	26.1	26.1	19.0	23.7	26.1	13.2	16.5	20.0	22.1	9.0	2.1	20.9	122%
1998	36.9	26.7	30.8	33.1	34.6	31.6	33.7	27.9	30.6	–	22.9	26.3	–	–	–	–	30.5	235%
1999	12.3	5.7	10.6	10.7	11.0	9.5	10.0	10.4	8.5	20.3	5.0	6.0	13.5	8.0	6.9	0.6	9.3	53%
2000	22.0	13.8	17.0	17.9	19.2	16.9	19.4	14.2	17.2	23.8	9.9	13.1	18.7	17.4	11.7	6.1	16.1	70% (e)
MAXIMUM	55.3	41.1	48.4	48.5	50.6	46.9	48.6	45.0	45.8	69.8	38.1	46.1	61.4	59.8	50.2	36.8	49.5	
MINIMUM	5.0	1.5	3.9	3.3	4.8	3.2	3.4	4.0	3.1	4.3	0.0	0.0	0.0	0.0	0.0	0.0	3.7	
AVERAGE	22.4	14.4	18.8	19.0	20.5	18.8	19.0	16.8	17.7	24.9	11.3	13.5	19.5	19.0	13.7	8.1	17.4	

REPORT OF THE KERN RIVER WATERMASTER

MAY 2000

Quantities in S.F.D. except where noted

	ISABELLA RESERVOIR						CHANGE IN STORAGE+LOSS		MEAN STORAGE				SECOND POINT GROUP FLOW			
	ELEVATION	MIDNIGHT STORAGE			FIRST POINT REGULATED	FLOW ABOVE	+1ST POINT +FLOW ABOVE	COMPUTED 1ST POINT NATURAL	Recreation Pool + Dead Storage = 15,218 S.F.D. (30,184 ACFT)		KERN COUNTY RECREATION	TOTAL FLOW AT SECOND	AT 2ND POINT KERN	AT 2ND POINT FRIANT-	FRIANT- KERN	
DAY	(FEET)	ACRE-FEET	S.F.D.	LOSS	F LOW	1ST PT.	1ST POINT	FLOW	TOTAL	IRRIGATION	POOL LOSS	POINT	RIVER	KERN	INFLOW	DAY
Previous Day	2566.80	210,879	106,318	68	576	3	1,437	1,437	106,318	91,100	6	0	0	0	25	
1	2567.06	212,660	107,216	75	625	4	1,602	1,652	107,266	92,048	7	0	0	0	25	1
2	2567.34	214,588	108,188	66	708	5	1,751	1,822	108,309	93,091	6	0	0	0	25	2
3	2567.70	217,083	109,446	82	768	5	2,113	2,046	109,500	94,282	7	0	0	0	132	3
4	2568.10	219,874	110,853	76	786	4	2,273	2,230	110,864	95,646	6	0	0	0	185	4
5	2568.52	222,828	112,343	77	732	5	2,304	2,260	112,310	97,092	6	0	0	0	185	5
6	2568.92	225,664	113,772	82	687	5	2,203	2,254	113,790	98,572	7	0	0	0	232	6
7	2569.33	228,592	115,249	70	703	5	2,255	2,282	115,294	100,076	6	0	0	0	265	7
8	2569.75	231,615	116,773	66	795	4	2,389	2,294	116,723	101,505	5	0	0	0	265	8
9	2570.11	234,223	118,087	71	848	5	2,238	2,330	118,129	102,911	6	0	0	0	294	9
10	2570.51	237,142	119,559	67	820	5	2,364	2,267	119,504	104,286	5	0	0	0	315	10
11	2570.88	239,861	120,930	57	765	5	2,198	2,122	120,799	105,581	4	0	0	0	344	11
12	2571.15	241,857	121,936	44	750	5	1,805	1,886	121,886	106,668	3	0	0	0	365	12
13	2571.39	243,638	122,834	88	665	4	1,655	1,656	122,785	107,567	7	0	0	0	365	13
14	2571.60	245,203	123,623	60	654	5	1,508	1,505	123,571	108,353	4	0	0	0	365	14
15	2571.76	246,399	124,226	67	677	4	1,351	1,414	124,237	109,019	5	0	0	0	394	15
16	2571.92	247,599	124,831	49	723	5	1,382	1,355	124,815	109,597	4	0	0	0	415	16
17	2572.07	248,726	125,399	52	707	5	1,332	1,328	125,379	110,161	4	0	0	0	415	17
18	2572.20	249,707	125,894	69	700	5	1,269	1,331	125,936	110,718	5	0	0	0	415	18
19	2572.36	250,915	126,503	83	693	6	1,391	1,382	126,536	111,318	6	0	0	0	541	19
20	2572.55	252,355	127,229	79	678	5	1,488	1,572	127,346	112,128	6	0	0	0	647	20
21	2572.82	254,409	128,265	101	694	5	1,836	1,821	128,367	113,149	7	0	0	0	660	21
22	2573.14	256,856	129,498	101	800	5	2,139	2,193	129,654	114,436	7	0	0	0	660	22
23	2573.55	260,010	131,088	122	887	6	2,605	2,567	131,206	115,988	8	0	0	0	660	23
24	2574.03	263,730	132,964	102	973	5	2,956	2,817	132,943	117,725	7	0	0	0	594	24
25	2574.48	267,246	134,737	96	1,016	6	2,891	2,910	134,735	119,517	6	0	0	0	520	25
26	2574.93	270,787	136,522	93	1,000	6	2,884	2,838	136,474	121,256	6	0	0	0	500	26
27	2575.38	274,353	138,320	96	838	6	2,738	2,805	138,339	123,121	6	16	16	0	500	27
28	2575.82	277,865	140,090	117	899	7	2,793	2,798	140,114	124,896	7	45	45	0	500	28
29	2576.24	281,243	141,793	125	1,029	7	2,864	2,683	141,636	126,418	8	53	53	0	500	29
30	2576.54	283,666	143,015	111	1,052	8	2,393	2,550	143,015	127,797	7	41	41	0	500	30
31	2576.79	285,696	144,038	107	1,135	7	2,272	2,272	144,038	128,820	6	78	67	0	500	31
TOTAL SECOND FOOT DAYS				2,551	24,807	164	65,242	65,242	144,038	128,820	184	233	222	0	12,283	
TOTAL ACRE-FEET				5,060	49,204	325	129,406	129,406	285,696	255,512	365	462	440	0	24,364	

By: _____ Date: June 16, 2000

NORTH KERN WATER STORAGE DISTRICT

DAY	ENT'L AT 1ST POINT	FLOW AT 1ST POINT	FLOW ABOVE 1ST POINT: LAKE MING	KERN VALLEY GOLF COURSE	CAL WATER SERVICE	OLCESE WD	RESERVOIR LOSS	RESERVOIR STORAGE
Previous Day	1,075	436	1	0	1	1	40	52,139
1	1,222	603	1	1	1	1	44	52,710
2	1,338	682	1	0	2	2	39	53,322
3	1,488	730	1	1	1	2	48	54,027
4	1,601	745	1	0	2	1	45	54,834
5	1,620	692	1	1	2	1	45	55,712
6	1,616	650	1	0	2	2	48	56,625
7	1,634	666	1	1	1	2	41	57,547
8	1,641	737	1	0	2	1	39	58,408
9	1,663	790	1	1	1	2	42	59,234
10	1,624	781	1	0	2	2	39	60,033
11	1,535	725	1	1	1	2	34	60,804
12	1,381	711	1	0	2	2	26	61,443
13	1,225	629	1	1	1	1	52	61,983
14	1,122	615	1	0	2	2	35	62,450
15	1,060	624	1	0	1	2	39	62,843
16	1,019	656	1	0	2	2	29	63,172
17	1,001	676	2	0	1	2	31	63,461
18	1,003	652	1	1	2	1	41	63,766
19	1,038	650	2	0	2	2	49	64,099
20	1,167	634	1	1	2	1	47	64,580
21	1,337	649	2	0	1	2	59	65,204
22	1,579	702	1	1	2	1	59	66,017
23	1,808	623	2	0	2	2	72	67,124
24	1,957	700	1	1	1	2	60	68,316
25	2,012	746	2	0	2	2	57	69,519
26	1,969	724	1	1	2	2	55	70,703
27	1,950	595	2	0	2	2	57	71,995
28	1,945	632	1	1	2	2	70	73,232
29	1,877	688	2	0	2	2	75	74,340
30	1,798	696	1	1	2	2	66	75,370
31	1,627	742	2	0	2	2	64	76,185
S.F.D.	46,857	21,145	39	14	52	54	1,507	76,185
AC.FT.	92,940	41,940	77	27	104	107	2,989	151,112

TOTAL ACRE-FOOT STORAGE DAYS 3,905,567

BUENA VISTA WATER STORAGE DISTRICT

DAY	ENT'L AT 2ND POINT	FLOW VIA KDWD	FLOW VIA CWD	FLOW AT 2ND POINT	FLOW ABOVE 1ST PT. CARMEL La HACIENDA INC.	RESERVOIR LOSS	RESERVOIR STORAGE
Previous Day	362	18	122	0	0	28	38,961
1	430	22	0	0	0	31	39,338
2	484	26	0	0	0	27	39,769
3	558	38	0	0	0	34	40,255
4	629	41	0	0	0	31	40,812
5	640	40	0	0	0	32	41,380
6	638	37	0	0	0	34	41,947
7	648	37	0	0	0	29	42,529
8	653	58	0	0	0	27	43,097
9	667	58	0	0	0	29	43,677
10	643	39	0	0	0	28	44,253
11	587	40	0	0	0	23	44,777
12	505	39	0	0	0	18	45,225
13	431	36	0	0	0	36	45,584
14	383	39	0	0	0	25	45,903
15	354	53	0	0	0	28	46,176
16	336	67	0	0	0	20	46,425
17	327	31	0	0	0	21	46,700
18	328	48	0	0	0	28	46,952
19	344	43	0	0	0	34	47,219
20	405	44	0	0	0	32	47,548
21	484	45	0	0	0	42	47,945
22	614	46	52	0	0	42	48,419
23	759	49	215	0	0	50	48,864
24	860	57	216	0	0	42	49,409
25	898	75	195	0	0	39	49,998
26	869	73	203	0	0	38	50,553
27	855	71	156	16	0	39	51,126
28	853	72	150	45	1	47	51,664
29	806	80	208	53	1	50	52,078
30	752	86	229	41	2	45	52,427
31	645	101	225	67	1	43	52,635
S.F.D.	18,385	1,591	1,849	222	5	1,044	52,635
AC.FT.	36,466	3,156	3,668	440	10	2,071	104,400

TOTAL ACRE-FOOT STORAGE DAYS 2,845,653

HACIENDA WATER DISTRICT

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

TOTAL ACRE-FOOT STORAGE DAYS 0

WATERMASTER NOTES *** KERN RIVER BULLETIN

MONTH	DAY(S)	PAGE NO.	TITLE OF COLUMN	COMMENT
May	1-31	1	FRIANT-KERN INFLOW	Includes Friant-Kern Inflow to Kern River Channel on behalf of Arvin-Edison WSD (17,242 acre-feet) and Kern-Tulare WD/Rag Gulch WD (7,122 acre-feet).

KERN RIVER

MAY CONTRIBUTION TO THE APRIL - JULY RUNOFF 1894 TO DATE

In Order of Magnitude

Rank	Year	May Runoff	Apr-Jul Runoff	Apr-Jul % of Average	May % of Apr-Jul	
1	1924	41,722	92,556	20%	45.1%	
2	1947	110,325	249,572	53%	44.2%	
3	1976	47,151	108,754	23%	43.4%	
4	1897	281,639	654,262	138%	43.0%	
5	1931	41,867	98,062	21%	42.7%	
6	1926	98,598	232,782	49%	42.4%	
7	1992	74,394	179,153	38%	41.5%	
8	1937	352,050	852,047	180%	41.3%	
9	**2000**	**129,406**	**315,000**	**71%**	**41.1%**	**(e)**
10	1919	140,215	342,997	72%	40.9%	
11	1949	84,508	209,911	44%	40.3%	
12	1973	288,652	723,768	153%	39.9%	
13	1946	155,476	390,747	82%	39.8%	
14	1928	76,885	193,702	41%	39.7%	
15	1954	139,719	354,117	75%	39.5%	
16	1979	164,935	419,859	89%	39.3%	
17	1922	242,259	617,710	130%	39.2%	
18	1929	85,995	219,532	46%	39.2%	
19	1941	386,666	995,657	210%	38.8%	
20	1952	434,769	1,119,815	236%	38.8%	
21	1895	268,635	694,729	147%	38.7%	
22	1940	196,465	510,614	108%	38.5%	
23	1984	161,613	423,132	89%	38.2%	
24	1958	316,974	831,669	176%	38.1%	
25	1975	147,001	386,180	81%	38.1%	
26	1936	219,404	581,624	123%	37.7%	
27	1996	225,987	599,331	126%	37.7%	
28	1999	95,199	252,627	53%	37.7%	
29	1997	214,290	571,476	121%	37.5%	
30	1966	82,336	219,893	46%	37.4%	
31	1934	43,065	116,145	25%	37.1%	
32	1944	150,109	405,391	86%	37.0%	
33	1920	158,904	430,813	91%	36.9%	
34	1943	254,785	697,182	147%	36.5%	
35	1981	91,914	252,681	53%	36.4%	
36	1910	127,733	352,126	74%	36.3%	
37	1923	120,849	332,532	70%	36.3%	
38	1988	58,350	162,043	34%	36.0%	
39	1972	45,965	127,720	27%	36.0%	
40	1948	86,108	239,980	51%	35.9%	
41	1904	113,205	316,646	67%	35.8%	
42	1987	75,108	211,408	45%	35.5%	
43	1927	184,721	521,717	110%	35.4%	
44	1968	87,991	248,319	52%	35.4%	
45	1969	617,968	1,747,874	369%	35.4%	
46	1994	67,224	191,004	40%	35.2%	
47	1900	68,295	196,888	42%	34.7%	
48	1913	73,561	211,722	45%	34.7%	
49	1960	58,336	168,472	36%	34.6%	
50	1985	146,799	424,293	90%	34.6%	
51	1970	110,057	319,408	67%	34.5%	
52	1945	205,509	597,350	126%	34.4%	
53	1939	92,253	268,269	57%	34.4%	
54	1993	200,864	584,691	123%	34.4%	
55	1974	183,733	535,166	113%	34.3%	
56	1961	29,980	87,374	18%	34.3%	
57	1990	38,600	113,344	24%	34.1%	
58	1964	61,521	182,928	39%	33.6%	
59	1894	98,801	295,400	62%	33.4%	
60	1898	45,213	135,303	29%	33.4%	
61	1978	363,157	1,094,375	231%	33.2%	
62	1903	132,097	398,989	84%	33.1%	
63	1986	293,335	886,674	187%	33.1%	
64	1950	98,483	299,906	63%	32.8%	
65	1938	315,044	961,769	203%	32.8%	
66	1925	102,016	313,113	66%	32.6%	
67	1951	85,039	261,884	55%	32.5%	
68	1905	117,748	366,396	77%	32.1%	
69	1901	186,446	582,041	123%	32.0%	
70	1982	254,985	796,794	168%	32.0%	
71	1912	80,471	251,812	53%	32.0%	
72	1909	382,617	1,218,975	257%	31.4%	
73	1921	100,096	321,325	68%	31.2%	
74	1983	478,625	1,545,810	326%	31.0%	
75	1955	69,544	224,785	47%	30.9%	
76	1914	210,676	685,012	145%	30.8%	
77	1989	71,849	234,430	49%	30.6%	
78	1959	39,945	130,585	28%	30.6%	
79	1908	79,418	260,894	55%	30.4%	
80	1956	159,683	525,641	111%	30.4%	
81	1916	472,994	1,571,597	332%	30.1%	
82	1935	103,787	350,647	74%	29.6%	
83	1917	165,062	560,304	118%	29.5%	
84	1907	199,950	678,748	143%	29.5%	
85	1932	154,742	526,432	111%	29.4%	
86	1967	269,631	924,005	195%	29.2%	
87	1930	67,851	232,582	49%	29.2%	
88	1980	287,825	991,025	209%	29.0%	
89	1963	137,839	476,579	101%	28.9%	
90	1965	131,980	456,668	96%	28.9%	
91	1991	79,763	276,543	58%	28.8%	
92	1942	150,036	522,905	110%	28.7%	
93	1902	109,904	389,596	82%	28.2%	
94	1995	255,046	929,221	196%	27.4%	
95	1915	124,506	455,242	96%	27.3%	
96	1971	66,635	244,475	52%	27.3%	
97	1957	79,355	292,346	62%	27.1%	
98	1998	308,440	1,137,373	240%	27.1%	
99	1977	25,630	95,649	20%	26.8%	
100	1962	135,884	515,474	109%	26.4%	
101	1911	184,481	701,168	148%	26.3%	
102	1953	86,019	329,570	70%	26.1%	
103	1906	360,234	1,391,636	294%	25.9%	
104	1899	51,353	213,710	45%	24.0%	
105	1918	78,722	334,816	71%	23.5%	
106	1896	86,174	372,922	79%	23.1%	
107	1933	60,026	299,584	63%	20.0%	

REPORT OF THE KERN RIVER WATERMASTER

JUNE 2000

Quantities in S.F.D. except where noted

	ISABELLA RESERVOIR						CHANGE IN STORAGE+LOSS	COMPUTED	MEAN STORAGE				SECOND POINT GROUP FLOW			
	ELEVATION	MIDNIGHT STORAGE			FIRST POINT REGULATED	FLOW ABOVE	+1ST POINT +FLOW ABOVE	1ST POINT NATURAL	Recreation Pool + Dead Storage = 15,218 S.F.D. (30,184 ACFT)		KERN COUNTY RECREATION	TOTAL FLOW AT SECOND	AT 2ND POINT KERN	FRIANT-	FRIANT- KERN	
DAY	(FEET)	ACRE-FEET	S.F.D.	LOSS	F LOW	1ST PT.	1ST POINT	FLOW	TOTAL	IRRIGATION	POOL LOSS	POINT	RIVER	KERN	INFLOW	DAY
Previous Day	2576.79	285,696	144,038	107	1,135	7	2,272	2,272	144,038	128,820	6	78	67	0	500	
1	2576.98	287,245	144,819	99	1,211	7	2,098	2,094	144,815	129,597	6	92	76	0	425	1
2	2577.15	288,633	145,519	121	1,257	7	2,085	2,039	145,469	130,251	7	94	82	0	300	2
3	2577.30	289,861	146,138	116	1,192	8	1,935	1,968	146,121	130,903	7	47	34	0	125	3
4	2577.43	290,929	146,677	137	1,199	8	1,883	1,927	146,704	131,486	8	51	38	0	0	4
5	2577.57	292,079	147,257	125	1,252	7	1,964	1,882	147,202	131,984	7	36	22	0	0	5
6	2577.66	292,821	147,631	110	1,308	7	1,799	1,815	147,592	132,374	6	65	53	0	0	6
7	2577.70	293,152	147,798	127	1,380	7	1,681	1,669	147,747	132,529	7	80	67	0	0	7
8	2577.71	293,234	147,839	73	1,405	7	1,526	1,570	147,832	132,614	4	115	102	0	0	8
9	2577.70	293,152	147,798	73	1,464	7	1,503	1,419	147,707	132,489	4	143	133	0	0	9
10	2577.65	292,739	147,589	80	1,349	7	1,227	1,282	147,553	132,335	5	127	117	0	0	10
11	2577.58	292,162	147,298	82	1,318	7	1,116	1,149	147,295	132,077	5	131	131	0	0	11
12	2577.48	291,340	146,884	99	1,412	7	1,104	1,160	146,937	131,719	6	153	153	0	0	12
13	2577.39	290,600	146,511	97	1,527	8	1,259	1,301	146,606	131,388	6	136	136	0	0	13
14	2577.36	290,353	146,386	139	1,518	8	1,540	1,461	146,402	131,184	8	119	119	0	0	14
15	2577.35	290,271	146,345	132	1,484	8	1,583	1,574	146,352	131,134	8	92	92	0	0	15
16	2577.34	290,189	146,304	144	1,489	8	1,600	1,653	146,364	131,146	8	166	166	0	0	16
17	2577.39	290,600	146,511	137	1,425	8	1,777	1,648	146,442	131,224	8	154	154	0	0	17
18	2577.42	290,847	146,635	129	1,307	8	1,568	1,567	146,565	131,347	8	86	86	0	0	18
19	2577.40	290,682	146,552	117	1,314	8	1,356	1,393	146,519	131,301	7	82	82	0	0	19
20	2577.37	290,436	146,428	119	1,252	8	1,255	1,268	146,408	131,190	7	67	67	0	0	20
21	2577.32	290,025	146,221	129	1,261	8	1,191	1,182	146,192	130,974	8	56	56	0	0	21
22	2577.25	289,453	145,933	126	1,255	8	1,101	1,110	145,913	130,695	7	44	44	0	0	22
23	2577.17	288,797	145,602	122	1,239	8	1,038	1,030	145,574	130,356	7	46	46	0	0	23
24	2577.07	287,979	145,189	121	1,235	8	951	943	145,153	129,935	7	51	51	0	0	24
25	2576.94	286,919	144,655	118	1,248	8	840	885	144,664	129,446	7	56	56	0	0	25
26	2576.80	285,777	144,079	128	1,305	8	865	847	144,070	128,852	8	49	47	0	0	26
27	2576.62	284,315	143,342	123	1,442	8	836	838	143,335	128,117	7	73	62	0	0	27
28	2576.41	282,615	142,485	117	1,546	8	814	809	142,473	127,255	7	81	70	0	0	28
29	2576.17	280,678	141,509	125	1,620	8	777	789	141,509	126,291	8	103	94	0	0	29
30	2575.92	278,668	140,495	136	1,635	8	765	765	140,495	125,277	8	136	128	0	0	30
TOTAL SECOND FOOT DAYS				3,501	40,849	230	41,037	41,037	140,495	125,277	206	2,731	2,564	0	850	
TOTAL ACRE-FEET				6,944	81,023	455	81,396	81,396	278,668	248,484	409	5,417	5,086	0	1,686	

By: _____ Date: July 14, 2000

NORTH KERN WATER STORAGE DISTRICT

DAY	ENT'L AT 1ST POINT	FLOW AT 1ST POINT	FLOW ABOVE 1ST POINT: LAKE MING	KERN VALLEY GOLF COURSE	CAL WATER SERVICE	OLCESE WD	RESERVOIR LOSS	RESERVOIR STORAGE
Previous Day	1,627	742	2	0	2	2	64	76,185
1	1,517	1,078	1	1	2	2	60	76,558
2	1,483	1,139	2	0	2	2	73	76,823
3	1,437	1,141	1	1	2	2	70	77,043
4	1,409	1,147	2	0	2	2	82	77,217
5	1,379	1,202	1	1	2	1	75	77,314
6	1,333	1,231	2	0	2	2	65	77,345
7	1,233	1,267	1	1	2	2	75	77,230
8	1,166	1,241	2	0	2	2	43	77,106
9	1,063	1,265	1	1	2	2	43	76,855
10	970	1,164	2	0	2	2	47	76,608
11	879	1,113	1	1	2	2	48	76,320
12	886	1,182	2	0	2	2	58	75,960
13	983	1,276	1	1	2	2	57	75,604
14	1,092	1,176	2	0	2	2	81	75,433
15	1,169	1,081	2	1	2	1	77	75,438
16	1,223	1,038	2	0	2	2	84	75,533
17	1,219	991	2	1	2	2	80	75,674
18	1,164	957	2	0	2	2	76	75,799
19	1,045	927	2	1	2	2	69	75,841
20	960	915	2	1	2	2	70	75,809
21	901	937	2	1	2	2	76	75,690
22	852	928	2	0	2	2	74	75,534
23	798	904	2	1	2	2	72	75,349
24	738	899	2	0	2	2	71	75,111
25	699	909	2	1	2	2	69	74,825
26	673	977	2	0	2	2	75	74,440
27	667	1,089	2	1	2	2	72	73,939
28	647	1,150	2	0	2	2	69	73,361
29	633	1,201	2	1	2	2	73	72,713
30	617	1,177	2	0	2	2	80	72,067
S.F.D.	30,835	32,702	53	16	60	58	2,064	72,067
AC.FT.	61,161	64,864	105	32	119	114	4,094	142,944

TOTAL ACRE-FOOT STORAGE DAYS 4,503,546

BUENA VISTA WATER STORAGE DISTRICT

DAY	ENT'L AT 2ND POINT	FLOW VIA KDWD	FLOW VIA CWD	FLOW AT 2ND POINT	FLOW ABOVE 1ST PT. CARMEL La HACIENDA INC.	RESERVOIR LOSS	RESERVOIR STORAGE
Previous Day	645	101	225	67	1	43	52,635
1	577	57	0	76	1	39	53,039
2	556	36	0	82	1	48	53,428
3	531	17	0	34	2	46	53,860
4	518	14	0	38	2	55	54,269
5	503	28	0	22	2	50	54,670
6	482	24	0	53	1	45	55,029
7	436	46	0	67	1	52	55,299
8	404	62	0	102	1	30	55,508
9	356	66	0	133	1	30	55,634
10	312	68	0	117	1	33	55,727
11	270	74	0	131	1	34	55,757
12	274	77	0	153	1	41	55,759
13	318	115	0	136	2	40	55,784
14	369	78	145	119	2	58	55,751
15	405	75	236	92	2	55	55,696
16	430	57	228	166	2	60	55,613
17	429	56	224	154	1	57	55,550
18	403	51	213	86	2	53	55,548
19	348	73	232	82	1	48	55,460
20	308	66	204	67	1	49	55,381
21	281	63	205	56	1	53	55,284
22	258	63	220	44	2	52	55,161
23	232	54	235	46	1	50	55,007
24	205	52	233	51	2	50	54,824
25	186	53	230	56	1	49	54,621
26	174	52	229	47	2	53	54,412
27	171	62	229	62	1	51	54,178
28	162	95	231	70	2	48	53,894
29	156	85	240	94	1	52	53,578
30	148	91	239	128	2	56	53,210
S.F.D.	10,202	1,810	3,773	2,564	43	1,437	53,210
AC.FT.	20,235	3,590	7,483	5,086	85	2,850	105,540

TOTAL ACRE-FOOT STORAGE DAYS 3,266,638

HACIENDA WATER DISTRICT

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

TOTAL ACRE-FOOT STORAGE DAYS 0

WATERMASTER NOTES * KERN RIVER BULLETIN**

MONTH	DAY(S)	PAGE NO.	TITLE OF COLUMN	COMMENT
June	1-3	1	FRIANT-KERN INFLOW	Reflects Friant-Kern Inflow to Kern River Channel on behalf of Arvin-Edison WSD.

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 31st Carryover Storage	Annual Evaporation Loss
1954	85,380	June 9, 1954	0	April 16, 1954	8,670	10,129
1955	78,567	December 31	4,330	April 21	78,567	7,556
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	455,162	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	29,119	16,683
1961	53,096	June 17	17,410	November 19	17,524	10,647
1962	173,675	June 29	17,448	January 11	82,849	23,530
1963	369,990	June 28	82,190	January 28	170,043	37,218
1964	203,628	June 7	94,497	December 18	118,303	28,540
1965	288,937	July 9	117,117	March 23	171,193	32,290
1966	337,369	December 21	81,941	November 27	313,258	31,288
1967	538,698	July 20	199,282	December 14	199,937	42,855
1968	261,193	June 6	119,349	December 7	124,480	31,405
1969	578,116	July 14	124,283	January 12	225,535	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	33,678
1972	126,754	June 11	50,030	October 16	55,589	22,800
1973	399,448	June 29	55,449	January 7	205,948	43,411
1974	475,881	June 23	201,710	March 1	223,930	53,936
1975	348,695	June 17	169,893	December 17	170,190	46,169
1976	171,617	January 26	67,668	December 29	67,701	30,250
1977	82,347	June 16	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	208,632	December 30	208,768	51,942
1980	585,381	July 3	208,224	January 7	229,813	57,335
1981	312,456	June 7	166,907	December 27	168,210	47,541
1982	560,083	June 29	168,984	January 1	261,558	54,193
1983	630,825	July 6	260,010	January 9	311,944	55,001
1984	407,745	June 7	244,755	December 15	244,979	52,220
1985	388,621	June 13	189,823	November 23	195,516	49,931
1986	562,134	June 16	195,579	January 1	244,085	61,827
1987	276,266	June 7	142,661	December 1	143,410	42,029
1988	158,189	June 6	72,638	December 9	73,545	27,004
1989	184,801	June 1	71,111	February 18	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	89,654	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	48,579
1994	262,332	June 6	115,492	December 24	115,585	38,343
1995	551,921	July 19	115,492	January 3	246,474	53,589
1996	546,849	June 11	244,979	December 4	252,811	61,423
1997	491,994	June 6	242,450	December 30	242,525	55,815
1998	562,474	July 24	242,205	January 31	244,904	50,171
1999	334,267	June 8	169,341	December 31	169,341	45,867
2000	293,234	June 8				

REPORT OF THE KERN RIVER WATERMASTER

JULY 2000

Quantities in S.F.D. except where noted

DAY	ISABELLA RESERVOIR ELEVATION (FEET)	MIDNIGHT STORAGE ACRE-FEET	S.F.D.	LOSS	FIRST POINT REGULATED FLOW	FLOW ABOVE 1ST PT.	CHANGE IN STORAGE+LOSS +1ST POINT +FLOW ABOVE 1ST POINT	COMPUTED 1ST POINT NATURAL FLOW	MEAN STORAGE Recreation Pool + Dead Storage = 15,218 S.F.D. (30,184 ACFT) TOTAL	IRRIGATION	KERN COUNTY RECREATION POOL LOSS	TOTAL FLOW AT SECOND POINT	SECOND POINT GROUP FLOW AT 2ND POINT KERN RIVER	FRIANT-KERN	FRIANT-KERN INFLOW	DAY
Previous Day	2575.92	278,668	140,495	136	1,635	8	765	765	140,495	125,277	8	136	128	0	0	
1	2575.66	276,586	139,446	170	1,620	9	750	723	139,419	124,201	11	171	162	0	0	1
2	2575.40	274,513	138,400	116	1,589	9	668	685	138,390	123,172	7	178	171	0	0	2
3	2575.12	272,289	137,279	133	1,617	8	637	647	137,279	122,061	8	178	173	0	0	3
4	2574.85	270,155	136,203	117	1,586	9	636	616	136,183	120,965	8	156	151	0	0	4
5	2574.58	268,030	135,132	119	1,519	8	575	585	135,122	119,904	8	59	50	0	0	5
6	2574.29	265,758	133,986	116	1,565	8	543	546	133,979	118,761	8	115	103	0	0	6
7	2574.02	263,574	132,885	93	1,520	8	520	531	132,889	117,671	6	110	100	0	0	7
8	2573.77	261,711	131,946	113	1,346	8	528	530	131,952	116,734	8	91	81	0	0	8
9	2573.55	260,010	131,088	97	1,293	9	541	523	131,076	115,858	7	102	102	0	0	9
10	2573.31	258,161	130,156	122	1,303	8	501	509	130,152	114,934	8	105	105	0	0	10
11	2573.08	256,396	129,266	109	1,259	8	486	498	129,274	114,056	8	102	102	0	0	11
12	2572.85	254,638	128,380	103	1,281	8	506	478	128,360	113,142	7	81	81	0	0	12
13	2572.59	252,659	127,382	123	1,309	8	442	470	127,390	112,172	9	87	87	0	0	13
14	2572.32	250,612	126,350	130	1,355	8	461	458	126,355	111,137	9	80	80	0	0	14
15	2572.09	248,877	125,476	141	1,197	8	472	446	125,455	110,237	10	25	25	0	0	15
16	2571.79	246,624	124,340	121	1,412	9	406	442	124,355	109,137	9	66	53	0	0	16
17	2571.49	244,383	123,210	101	1,469	8	448	438	123,215	107,997	7	45	33	0	0	17
18	2571.20	242,228	122,123	120	1,419	8	460	437	122,105	106,887	9	33	23	0	0	18
19	2570.91	240,083	121,042	127	1,350	8	404	429	121,049	105,831	10	65	56	0	0	19
20	2570.63	238,022	120,003	124	1,329	8	422	401	119,989	104,771	10	70	60	0	0	20
21	2570.35	235,972	118,969	104	1,300	8	378	386	118,963	103,745	8	61	51	0	0	21
22	2570.09	234,078	118,014	99	1,206	9	359	360	118,009	102,791	8	64	64	0	0	22
23	2569.83	232,192	117,064	124	1,161	8	343	357	117,073	101,855	10	86	86	0	0	23
24	2569.56	230,244	116,081	133	1,212	8	370	357	116,077	100,859	11	96	96	0	0	24
25	2569.27	228,161	115,031	139	1,261	8	358	352	115,021	99,803	11	68	68	0	0	25
26	2568.95	225,878	113,880	120	1,348	9	326	342	113,886	98,668	10	60	60	0	0	26
27	2568.63	223,606	112,735	112	1,368	8	343	350	112,748	97,530	9	66	66	0	0	27
28	2568.33	221,489	111,667	121	1,319	9	381	366	111,665	96,447	10	76	76	0	0	28
29	2568.05	219,524	110,677	123	1,234	8	375	355	110,655	95,437	10	62	62	0	0	29
30	2567.76	217,499	109,656	115	1,205	9	308	330	109,656	94,438	10	52	52	0	0	30
31	2567.47	215,488	108,642	103	1,226	9	324	324	108,642	93,424	9	56	46	0	0	31
TOTAL SECOND FOOT DAYS				3,688	42,178	258	14,271	14,271	108,642	93,424	273	2,666	2,525	0	0	
TOTAL ACRE-FEET				7,315	83,659	513	28,306	28,306	215,488	185,304	541	5,288	5,008	0	0	

By: _____ Date: August 22, 2000

NORTH KERN WATER STORAGE DISTRICT

DAY	ENT'L AT 1ST POINT	FLOW AT 1ST POINT	FLOW ABOVE 1ST POINT: LAKE MING	KERN VALLEY GOLF COURSE	CAL WATER SERVICE	OLCESE WD	RESERVOIR LOSS	RESERVOIR STORAGE
Previous Day	617	1,177	2	0	2	2	80	72,067
1	588	1,409	2	1	2	2	100	71,139
2	563	1,370	2	1	2	2	68	70,257
3	537	1,411	2	0	3	2	77	69,299
4	515	1,383	2	1	2	2	68	68,356
5	494	1,395	2	0	2	2	69	67,380
6	468	1,382	2	1	2	2	67	66,392
7	457	1,352	2	1	2	2	53	65,437
8	457	1,199	2	0	2	2	64	64,625
9	452	1,133	2	0	3	2	55	63,882
10	443	1,121	2	1	2	2	69	63,128
11	435	1,093	2	0	2	2	61	62,403
12	421	1,120	2	1	2	2	58	61,639
13	416	1,092	2	1	2	2	69	60,887
14	408	972	2	1	2	2	72	60,244
15	400	858	2	0	2	2	79	59,701
16	397	1,012	2	0	3	2	67	59,012
17	394	1,114	2	1	2	2	56	58,229
18	393	1,080	2	1	2	2	67	57,468
19	388	992	2	1	2	2	70	56,787
20	369	962	2	1	2	2	69	56,118
21	359	1,017	2	0	3	2	57	55,396
22	341	902	3	0	2	2	55	54,773
23	339	855	2	0	2	2	68	54,183
24	339	870	2	0	2	2	73	53,573
25	335	940	2	1	2	2	76	52,885
26	329	1,035	3	1	2	2	66	52,105
27	334	1,042	2	0	2	2	61	51,330
28	345	980	2	1	2	2	66	50,622
29	338	924	2	1	2	2	67	49,962
30	320	914	2	0	3	2	62	49,299
31	316	951	2	1	2	2	56	48,601
S.F.D.	12,690	33,880	64	18	67	62	2,065	48,601
AC.FT.	25,170	67,200	127	36	134	123	4,096	96,399

TOTAL ACRE-FOOT STORAGE DAYS 3,639,889

BUENA VISTA WATER STORAGE DISTRICT

DAY	ENT'L AT 2ND POINT	FLOW VIA KDWD	FLOW VIA CWD	FLOW AT 2ND POINT	FLOW ABOVE 1ST PT. CARMEL La HACIENDA INC.	RESERVOIR LOSS	RESERVOIR STORAGE
Previous Day	148	91	239	128	2	56	53,210
1	135	49	0	162	2	70	53,062
2	122	48	0	171	2	48	52,915
3	110	33	0	173	1	56	52,762
4	101	52	0	151	2	49	52,609
5	91	74	0	50	2	50	52,524
6	78	80	0	103	1	49	52,369
7	74	68	0	100	1	40	52,234
8	73	66	0	81	2	49	52,109
9	71	58	0	102	2	42	51,976
10	66	77	0	105	1	53	51,806
11	63	64	0	102	2	48	51,653
12	57	80	0	81	1	45	51,503
13	54	80	50	87	1	54	51,285
14	50	87	216	80	1	58	50,893
15	46	104	210	25	2	62	50,536
16	45	124	223	53	2	54	50,125
17	44	107	215	33	1	45	49,768
18	44	113	203	23	1	53	49,419
19	41	111	191	56	1	57	49,044
20	32	116	191	60	1	55	48,653
21	27	43	189	51	1	47	48,349
22	19	50	190	64	2	44	48,018
23	18	45	175	86	2	56	47,672
24	18	49	197	96	2	60	47,286
25	17	50	203	68	1	63	46,918
26	13	43	210	60	1	54	46,563
27	16	46	214	66	2	51	46,200
28	21	50	213	76	2	55	45,825
29	17	40	208	62	1	56	45,475
30	10	40	199	52	2	53	45,139
31	8	20	209	46	2	47	44,823
S.F.D.	1,581	2,067	3,706	2,525	47	1,623	44,823
AC.FT.	3,136	4,100	7,351	5,008	93	3,219	88,905

TOTAL ACRE-FOOT STORAGE DAYS 3,053,578

HACIENDA WATER DISTRICT

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

TOTAL ACRE-FOOT STORAGE DAYS 0

WATERMASTER NOTES *** KERN RIVER BULLETIN

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

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

In order of Magnitude

Quantities in acre-feet

YEAR	APR	MAY	JUN	JUL	TOTAL	AVERAGE
1961	24,137	29,980	24,305	8,952	87,374	18%
1924	28,540	41,722	14,069	8,225	92,556	20%
1977	23,391	25,630	35,655	10,973	95,649	20%
1931	23,440	41,867	24,262	8,493	98,062	21%
1976	25,924	47,151	20,930	14,749	108,754	23%
1990	32,019	38,600	29,345	13,380	113,344	24%
1934	39,919	43,065	21,820	11,341	116,145	25%
1972	28,288	45,965	38,531	14,936	127,720	27%
1959	40,566	39,945	32,061	18,013	130,585	28%
1898	42,248	45,213	32,809	15,033	135,303	29%
1988	39,584	58,350	43,140	20,969	162,043	34%
1960	46,272	58,336	47,181	16,683	168,472	36%
1992	55,448	74,394	32,987	16,324	179,153	38%
1964	42,946	61,521	54,658	23,803	182,928	39%
1994	46,489	67,224	56,223	21,068	191,004	40%
1928	37,757	76,885	60,344	18,716	193,702	41%
1900	28,102	68,295	76,366	24,125	196,888	42%
1949	50,517	84,508	57,685	17,201	209,911	44%
1987	55,236	75,108	56,146	24,918	211,408	45%
1913	42,494	73,561	60,738	34,929	211,722	45%
1899	53,133	51,353	79,178	30,046	213,710	45%
1929	39,064	85,995	63,487	30,986	219,532	46%
1966	68,779	82,336	45,431	23,347	219,893	47%
1955	37,567	69,544	86,660	31,014	224,785	48%
1930	53,506	67,851	82,824	28,401	232,582	49%
1926	66,079	98,598	49,530	18,575	232,782	49%
1989	91,380	71,849	49,823	21,378	234,430	50%
1948	43,976	86,108	78,565	31,331	239,980	51%
1971	52,661	66,635	82,707	42,472	244,475	52%
1968	65,584	87,991	64,054	30,690	248,319	53%
1947	60,353	110,325	57,778	21,116	249,572	53%
1912	37,246	80,471	100,925	33,170	251,812	53%
1999	55,843	95,199	68,733	32,852	252,627	53%
1981	69,320	91,914	65,817	25,630	252,681	53%
1908	79,320	79,418	60,305	41,851	260,894	55%
1951	48,914	85,039	88,990	38,941	261,884	55%
1939	92,136	92,253	58,400	25,480	268,269	57%
1991	58,092	79,763	100,423	38,265	276,543	59%
1957	38,644	79,355	132,359	41,988	292,346	62%
1894	88,974	98,801	64,564	43,061	295,400	63%
1933	57,265	60,026	125,395	56,898	299,584	63%
1950	76,155	98,483	90,367	34,901	299,906	63%
2000	**67,388**	**129,406**	**81,396**	**28,306**	**306,496**	**65%**
1925	56,408	102,016	96,252	58,437	313,113	66%
1904	59,812	113,205	103,904	39,725	316,646	67%
1970	63,513	110,057	95,700	50,138	319,408	68%
1921	51,723	100,096	120,387	49,119	321,325	68%
1953	70,730	86,019	103,164	69,657	329,570	70%
1923	73,355	120,849	82,528	55,800	332,532	70%
1918	74,513	78,722	136,753	44,828	334,816	71%
1919	86,574	140,215	81,844	34,364	342,997	73%
1935	71,042	103,787	133,634	42,184	350,647	74%
1910	102,883	127,733	79,464	42,046	352,126	75%
1954	101,203	139,719	73,553	39,642	354,117	75%

YEAR	APR	MAY	JUN	JUL	TOTAL	AVERAGE
1905	62,047	117,748	132,766	53,835	366,396	78%
1896	57,864	86,174	146,124	82,760	372,922	79%
1975	46,602	147,001	140,660	51,917	386,180	82%
1902	107,403	109,904	128,853	43,436	389,596	82%
1946	109,658	155,476	85,880	39,733	390,747	83%
1903	74,315	132,097	139,222	53,355	398,989	84%
1944	80,223	150,109	115,862	59,197	405,391	86%
1979	102,079	164,935	106,112	46,733	419,859	89%
1984	91,359	161,613	93,114	77,046	423,132	90%
1985	136,241	146,799	99,858	41,395	424,293	90%
1920	83,370	158,904	137,840	50,699	430,813	91%
1915	80,916	124,506	172,324	77,496	455,242	96%
1965	80,043	131,980	149,357	95,288	456,668	97%
1963	69,412	137,839	163,944	105,384	476,579	101%
1940	118,175	196,465	145,503	50,471	510,614	108%
1962	147,463	135,884	157,253	74,874	515,474	109%
1927	100,362	184,721	161,153	75,481	521,717	110%
1942	112,586	150,036	178,754	81,529	522,905	111%
1956	97,553	159,683	168,876	99,529	525,641	111%
1932	111,273	154,742	166,404	94,013	526,432	111%
1974	114,113	183,733	167,740	69,580	535,166	113%
1917	126,329	165,062	187,638	81,275	560,304	119%
1997	142,909	214,290	142,358	71,919	571,476	121%
1936	157,290	219,404	137,028	67,902	581,624	123%
1901	83,190	186,446	197,792	114,613	582,041	123%
1993	133,993	200,864	162,420	87,414	584,691	124%
1945	131,246	205,509	169,002	91,593	597,350	126%
1996	147,959	225,987	154,883	70,502	599,331	127%
1922	84,407	242,259	202,395	88,649	617,710	131%
1897	173,393	281,639	137,393	61,837	654,262	139%
1907	197,720	199,950	183,995	97,083	678,748	144%
1914	144,934	210,676	201,064	128,338	685,012	145%
1895	162,071	268,635	172,890	91,133	694,729	147%
1943	198,736	254,785	155,650	88,011	697,182	148%
1911	138,113	184,481	222,076	156,498	701,168	148%
1973	110,892	288,652	230,390	93,834	723,768	153%
1982	212,963	254,985	198,748	130,098	796,794	169%
1958	168,105	316,974	230,866	115,724	831,669	176%
1937	183,505	352,050	225,395	91,097	852,047	180%
1986	208,147	293,335	263,794	121,398	886,674	188%
1967	99,509	269,631	311,063	243,802	924,005	196%
1995	143,244	255,046	293,129	237,802	929,221	197%
1938	223,928	315,044	291,880	130,917	961,769	204%
1980	211,608	287,825	282,877	208,715	991,025	210%
1941	124,615	386,666	309,960	174,416	995,657	211%
1978	181,700	363,157	354,825	194,693	1,094,375	232%
1952	222,633	434,769	302,557	159,856	1,119,815	237%
1998	189,663	308,440	371,835	267,435	1,137,373	241%
1909	247,402	382,617	394,086	194,870	1,218,975	258%
1906	173,143	360,234	458,418	399,841	1,391,636	295%
1983	206,473	478,625	571,846	288,866	1,545,810	327%
1916	481,749	472,994	391,700	225,154	1,571,597	333%
1969	378,333	617,968	496,796	254,777	1,747,874	370%
MAX.	481,749	617,968	571,846	399,841	1,747,874	
MIN.	23,391	25,630	14,069	8,225	87,374	
AVG.	100,368	157,550	140,827	73,582	472,327	

REPORT OF THE KERN RIVER WATERMASTER

AUGUST 2000

Quantities in S.F.D. except where noted

DAY	ISABELLA RESERVOIR ELEVATION (FEET)	MIDNIGHT STORAGE ACRE-FEET	S.F.D.	LOSS	FIRST POINT REGULATED F LOW	FLOW ABOVE 1ST PT.	CHANGE IN STORAGE+LOSS +1ST POINT +FLOW ABOVE 1ST POINT	COMPUTED 1ST POINT NATURAL FLOW	MEAN STORAGE Recreation Pool + Dead Storage = 15,218 S.F.D. (30,184 ACFT) TOTAL	IRRIGATION	KERN COUNTY RECREATION POOL LOSS	TOTAL FLOW AT SECOND POINT	SECOND POINT GROUP FLOW AT 2ND POINT KERN RIVER	FRIANT-KERN	FRIANT-KERN INFLOW	DAY
Previous Day	2567.47	215,488	108,642	103	1,226	9	324	324	108,642	93,424	9	56	46	0	0	
1	2567.19	213,555	107,667	126	1,203	6	360	357	107,664	92,446	11	56	44	0	0	1
2	2566.93	211,769	106,767	92	1,153	7	352	362	106,774	91,556	8	75	66	0	0	2
3	2566.66	209,924	105,837	122	1,176	7	375	383	105,852	90,634	11	65	56	0	0	3
4	2566.40	208,157	104,946	109	1,196	7	421	387	104,927	89,709	10	47	38	0	0	4
5	2566.12	206,263	103,991	123	1,189	7	364	371	103,979	88,761	11	57	48	0	0	5
6	2565.83	204,313	103,008	125	1,180	7	329	350	103,017	87,799	12	79	70	0	0	6
7	2565.53	202,308	101,997	122	1,240	6	357	339	101,988	86,770	12	79	79	0	0	7
8	2565.24	200,382	101,026	107	1,188	7	331	330	101,016	85,798	10	56	56	0	0	8
9	2564.96	198,532	100,093	118	1,112	6	303	307	100,087	84,869	11	53	53	0	0	9
10	2564.66	196,561	99,100	112	1,161	7	287	288	99,095	83,877	11	79	79	0	0	10
11	2564.37	194,667	98,145	112	1,109	7	273	276	98,143	82,925	11	76	76	0	0	11
12	2564.09	192,850	97,229	113	1,063	7	267	269	97,229	82,011	11	79	79	0	0	12
13	2563.80	190,978	96,285	128	1,078	6	268	266	96,283	81,065	13	90	90	0	0	13
14	2563.51	189,118	95,347	110	1,084	7	263	260	95,342	80,124	11	72	72	0	0	14
15	2563.22	187,271	94,416	120	1,056	6	251	246	94,406	79,188	13	42	42	0	0	15
16	2562.91	185,307	93,426	117	1,090	7	224	231	93,423	78,205	12	19	19	0	0	16
17	2562.60	183,355	92,442	99	1,096	6	217	212	92,434	77,216	11	8	8	0	0	17
18	2562.27	181,292	91,401	118	1,111	7	195	199	91,397	76,179	13	25	25	0	0	18
19	2561.94	179,245	90,369	115	1,095	6	184	197	90,378	75,160	13	54	54	0	0	19
20	2561.62	177,272	89,375	106	1,093	7	212	206	89,378	74,160	12	120	120	0	0	20
21	2561.32	175,436	88,449	92	1,049	7	222	225	88,455	73,237	10	65	65	0	0	21
22	2561.07	173,914	87,682	77	924	7	241	236	87,683	72,465	9	44	44	0	0	22
23	2560.85	172,583	87,011	95	814	6	244	250	87,018	71,800	11	0	0	0	0	23
24	2560.66	171,438	86,433	95	741	7	265	244	86,419	71,201	11	0	0	0	0	24
25	2560.51	170,537	85,979	74	598	6	224	244	85,985	70,767	9	0	0	0	0	25
26	2560.40	169,879	85,647	100	468	7	243	230	85,640	70,422	12	0	0	0	0	26
27	2560.27	169,102	85,256	86	522	7	224	237	85,262	70,044	10	0	0	0	0	27
28	2560.14	168,329	84,866	74	554	7	245	231	84,858	69,640	9	0	0	0	0	28
29	2559.99	167,440	84,418	71	594	6	223	222	84,409	69,191	9	0	0	0	0	29
30	2559.84	166,552	83,970	61	578	6	197	206	83,970	68,752	7	0	0	0	0	30
31	2559.71	165,786	83,584	71	522	6	213	213	83,584	68,366	9	0	0	0	0	31
TOTAL SECOND FOOT DAYS				3,190	30,037	205	8,374	8,374	83,584	68,366	333	1,340	1,283	0	0	
TOTAL ACRE-FEET				6,327	59,577	407	16,610	16,610	165,786	135,602	660	2,658	2,545	0	0	

By: _____ Date: September 15, 2000

NORTH KERN WATER STORAGE DISTRICT

DAY	ENT'L AT 1ST POINT	FLOW AT 1ST POINT	FLOW ABOVE 1ST POINT: LAKE MING	KERN VALLEY GOLF COURSE	CAL WATER SERVICE	OLCESE WD	RESERVOIR LOSS	RESERVOIR STORAGE
Previous Day	316	951	2	1	2	2	56	48,601
1	339	1,142	2	0	2	2	68	47,724
2	342	1,056	2	1	2	2	49	46,954
3	357	1,076	2	0	2	3	65	46,163
4	359	1,109	2	1	2	2	58	45,348
5	348	1,078	2	0	3	2	65	44,546
6	334	1,051	2	1	2	2	66	43,756
7	327	1,108	2	0	2	2	64	42,905
8	320	1,074	2	1	2	2	55	42,089
9	305	998	2	0	2	2	61	41,329
10	288	1,005	2	1	2	2	57	40,548
11	276	936	2	0	3	2	57	39,824
12	269	889	2	1	2	2	57	39,140
13	266	888	2	0	2	2	65	38,447
14	260	844	2	1	2	2	55	37,801
15	246	816	2	0	2	2	60	37,165
16	231	659	2	1	2	2	58	36,672
17	212	603	2	0	2	2	50	36,225
18	199	598	2	1	2	2	59	35,760
19	197	569	2	0	2	2	58	35,324
20	206	487	2	1	2	2	53	34,983
21	225	526	2	0	3	2	46	34,629
22	236	502	2	1	2	2	39	34,317
23	250	475	2	0	2	2	48	34,038
24	244	413	2	1	2	2	48	33,814
25	244	317	2	0	2	2	38	33,697
26	230	312	2	1	2	2	51	33,557
27	237	374	2	0	3	2	44	33,369
28	231	398	2	1	2	2	38	33,157
29	222	401	2	0	2	2	36	32,936
30	206	381	1	1	2	2	31	32,724
31	213	363	2	0	2	2	36	32,532
S.F.D.	8,219	22,448	61	15	66	63	1,635	32,532
AC.FT.	16,303	44,525	121	30	131	125	3,243	64,526

TOTAL ACRE-FOOT STORAGE DAYS 2,343,416

BUENA VISTA WATER STORAGE DISTRICT

DAY	ENT'L AT 2ND POINT	FLOW: VIA KDWD	FLOW: VIA CWD	FLOW: AT 2ND POINT	FLOW ABOVE 1ST PT. CARMEL La HACIENDA INC.	RESERVOIR LOSS	RESERVOIR STORAGE
Previous Day	8	20	209	46	2	47	44,823
1	18	17	0	44	0	58	44,722
2	20	31	0	66	0	43	44,602
3	26	44	0	56	0	57	44,471
4	28	49	0	38	0	51	44,361
5	23	63	0	48	0	58	44,215
6	16	59	0	70	0	59	44,043
7	12	53	0	79	0	58	43,865
8	10	58	0	56	0	52	43,709
9	2	61	0	53	0	57	43,540
10	0	77	0	79	0	55	43,329
11	0	97	0	76	0	55	43,101
12	0	95	0	79	0	56	42,871
13	0	100	0	90	0	63	42,618
14	0	168	0	72	0	55	42,323
15	0	198	0	42	0	60	42,023
16	0	267	145	19	0	59	41,533
17	0	299	186	8	0	49	40,991
18	0	306	182	25	0	59	40,419
19	0	297	175	54	0	57	39,836
20	0	315	171	120	0	53	39,177
21	0	276	182	65	0	46	38,608
22	0	197	181	44	0	38	38,148
23	0	181	158	0	0	47	37,762
24	0	171	157	0	0	47	37,387
25	0	139	142	0	0	36	37,070
26	0	17	139	0	0	49	36,865
27	0	16	132	0	0	42	36,675
28	0	24	132	0	0	36	36,483
29	0	24	169	0	0	35	36,255
30	0	25	172	0	0	30	36,028
31	0	27	132	0	0	35	35,834
S.F.D.	155	3,751	2,555	1,283	0	1,555	35,834
AC.FT.	307	7,440	5,067	2,545	0	3,084	71,076

TOTAL ACRE-FOOT STORAGE DAYS 2,504,853

HACIENDA WATER DISTRICT

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

TOTAL ACRE-FOOT STORAGE DAYS 0

WATERMASTER NOTES *** KERN RIVER BULLETIN

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

2000 APRIL-JULY UNIMPAIRED RUNOFF

Central Valley Streams

April-July Flows
in 1000 Acre-feet

Watershed	(1) 50-Year Average	Median Forecast as of Feb. 1	Mar. 1	Apr. 1	May 1	(2) 2000 Actual	% of Average
Sacramento River above Bend Bridge	2,451	2,300	2,850	2,720	2,800	2,434	99%
Feather River at Oroville Reservoir	1,831	1,500	2,120	1,840	1,820	1,535	84%
Yuba River at Smartville	1,029	830	1,180	1,010	970	902	88%
American River at Folsom Reservoir	1,261	1,040	1,430	1,170	1,120	1,109	88%
Cosumnes River at Michigan Bar	128	90	140	105	90	88	69%
Mokelumne River at Pardee Reservoir	459	370	500	430	410	408	89%
Stanislaus River at Melones Reservoir	699	560	770	680	690	666	95%
Tuolumne River at Don Pedro Reservoir	1,184	950	1,340	1,180	1,220	1,266	107%
Merced River at Lake McClure	611	480	710	610	630	597	98%
San Joaquin River at Millerton Lake	1,212	880	1,370	1,190	1,240	1,251	103%
Kings River at Pine Flat Reservoir	1,183	800	1,260	1,170	1,200	1,147	97%
Kaweah River at Terminus Reservoir	276	170	280	250	240	245	89%
Tule River at Success Reservoir	59	20	50	46	40	41	69%
KERN RIVER AT ISABELLA RESERVOIR	**442**	**190**	**360**	**330**	**310**	**307**	**69%**

(1) All 50-year averages are based on data for water years 1946-1995

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

REPORT OF THE KERN RIVER WATERMASTER

SEPTEMBER 2000

Quantities in S.F.D. except where noted

DAY	ISABELLA RESERVOIR ELEVATION (FEET)	MIDNIGHT STORAGE ACRE-FEET	MIDNIGHT STORAGE S.F.D.	LOSS	FIRST POINT REGULATED FLOW	FLOW ABOVE 1ST PT.	CHANGE IN STORAGE+LOSS +1ST POINT +FLOW ABOVE 1ST POINT	COMPUTED 1ST POINT NATURAL FLOW	MEAN STORAGE Recreation Pool + Dead Storage = 15,218 S.F.D. (30,184 ACFT) TOTAL	MEAN STORAGE Recreation Pool + Dead Storage = 15,218 S.F.D. (30,184 ACFT) IRRIGATION	KERN COUNTY RECREATION POOL LOSS	TOTAL FLOW AT SECOND POINT	SECOND POINT GROUP FLOW AT 2ND POINT KERN RIVER	SECOND POINT GROUP FLOW AT 2ND POINT FRIANT-KERN	FRIANT-KERN INFLOW	DAY
Previous Day	2559.71	165,786	83,584	71	522	6	213	213	83,584	68,366	9	0	0	0	0	
1	2559.59	165,080	83,228	56	514	6	220	212	83,220	68,002	7	0	0	0	0	1
2	2559.46	164,319	82,844	69	506	5	196	209	82,849	67,631	8	0	0	0	0	2
3	2559.33	163,558	82,461	69	520	6	212	202	82,456	67,238	9	0	0	0	0	3
4	2559.20	162,801	82,079	73	502	5	198	209	82,085	66,867	9	0	0	0	0	4
5	2559.09	162,151	81,751	75	465	5	217	220	81,760	66,542	9	0	0	0	0	5
6	2558.99	161,582	81,464	68	459	5	245	227	81,455	66,237	9	0	0	0	0	6
7	2558.91	161,119	81,231	59	389	5	220	226	81,228	66,010	7	0	0	0	0	7
8	2558.82	160,599	80,969	96	376	5	215	213	80,964	65,746	12	0	0	0	0	8
9	2558.74	160,139	80,737	87	344	6	205	201	80,728	65,510	11	0	0	0	0	9
10	2558.65	159,621	80,476	78	362	5	184	187	80,470	65,252	10	0	0	0	0	10
11	2558.53	158,932	80,128	74	442	5	173	182	80,131	64,913	9	0	0	0	0	11
12	2558.39	158,131	79,724	84	503	5	188	189	79,728	64,510	11	0	0	0	0	12
13	2558.25	157,334	79,323	76	527	5	207	194	79,314	64,096	10	0	0	0	0	13
14	2558.10	156,481	78,893	88	523	6	187	191	78,888	63,670	12	0	0	0	0	14
15	2557.97	155,745	78,521	67	478	5	178	187	78,525	63,307	9	0	0	0	0	15
16	2557.85	155,067	78,180	75	457	5	196	183	78,171	62,953	10	0	0	0	0	16
17	2557.73	154,392	77,839	85	425	5	174	181	77,837	62,619	11	0	0	0	0	17
18	2557.60	153,661	77,471	85	450	5	172	166	77,463	62,245	11	0	0	0	0	18
19	2557.47	152,934	77,104	76	439	5	153	165	77,108	61,890	10	0	0	0	0	19
20	2557.35	152,264	76,766	90	412	5	169	149	76,750	61,532	12	0	0	0	0	20
21	2557.20	151,430	76,346	100	439	5	124	149	76,355	61,137	14	0	0	0	0	21
22	2557.07	150,709	75,982	63	449	5	153	145	75,983	60,765	9	0	0	0	0	22
23	2556.96	150,101	75,676	49	411	5	159	156	75,674	60,456	7	0	0	0	0	23
24	2556.85	149,494	75,370	71	386	5	156	149	75,361	60,143	10	0	0	0	0	24
25	2556.75	148,945	75,093	63	340	5	131	154	75,107	59,889	9	0	0	0	0	25
26	2556.62	148,231	74,733	71	458	5	174	166	74,739	59,521	10	0	0	0	0	26
27	2556.48	147,466	74,347	61	513	5	193	179	74,339	59,121	9	0	0	0	0	27
28	2556.35	146,757	73,990	62	459	5	169	180	73,993	58,775	9	0	0	0	0	28
29	2556.23	146,106	73,662	52	450	5	179	176	73,662	58,444	7	0	0	0	0	29
30	2556.13	145,564	73,389	56	379	5	167	167	73,389	58,171	8	0	0	0	0	30
TOTAL SECOND FOOT DAYS				2,178	13,377	154	5,514	5,514	73,389	58,171	288	0	0	0	0	
TOTAL ACRE-FEET				4,320	26,533	304	10,937	10,937	145,564	115,380	571	0	0	0	0	

By: _____ Date: October 19, 2000

NORTH KERN WATER STORAGE DISTRICT

DAY	ENT'L AT 1ST POINT	FLOW AT 1ST POINT	FLOW ABOVE 1ST POINT: LAKE MING	KERN VALLEY GOLF COURSE	CAL WATER SERVICE	OLCESE WD	RESERVOIR LOSS	RESERVOIR STORAGE
Previous Day	213	363	2	0	2	2	36	32,532
1	212	350	1	1	2	2	29	32,359
2	209	352	2	0	2	1	35	32,176
3	202	370	2	0	2	2	35	31,967
4	209	387	1	1	2	1	37	31,747
5	220	338	2	0	2	1	38	31,586
6	227	357	2	1	1	1	35	31,416
7	226	281	1	0	2	2	30	31,326
8	213	272	2	0	2	1	49	31,213
9	201	252	1	1	2	2	44	31,112
10	187	263	2	0	2	1	40	30,991
11	182	351	1	1	2	1	38	30,779
12	189	393	2	0	1	2	43	30,527
13	194	411	1	1	2	1	39	30,266
14	191	404	2	0	2	2	45	30,002
15	187	338	1	1	1	2	34	29,812
16	183	316	2	0	2	1	38	29,636
17	181	292	1	0	2	2	43	29,477
18	166	308	2	0	1	2	43	29,287
19	165	339	1	1	2	1	39	29,069
20	149	315	2	0	2	1	46	28,852
21	149	351	1	1	1	2	51	28,594
22	145	357	2	0	2	1	32	28,345
23	156	323	1	0	2	2	25	28,148
24	149	298	2	0	2	1	36	27,958
25	154	252	1	1	2	1	32	27,823
26	166	364	2	0	1	2	36	27,584
27	179	421	1	1	2	1	31	27,306
28	180	374	2	0	2	1	31	27,076
29	176	365	1	1	2	1	26	26,856
30	167	298	2	0	1	2	28	26,692
S.F.D.	5,514	10,092	46	12	53	43	1,108	26,692
AC.FT.	10,937	20,018	91	23	104	86	2,198	52,942

TOTAL ACRE-FOOT STORAGE DAYS 1,765,253

BUENA VISTA WATER STORAGE DISTRICT

DAY	ENT'L AT 1ST POINT	FLOW VIA KDWD	FLOW VIA CWD	FLOW AT 2ND POINT	FLOW ABOVE 1ST PT. CARMEL La HACIENDA INC.	RESERVOIR LOSS	RESERVOIR STORAGE
Previous Day	0	27	132	0	0	35	35,834
1	0	33	131	0	0	27	35,643
2	0	30	124	0	0	34	35,455
3	0	30	120	0	0	34	35,271
4	0	30	85	0	0	36	35,120
5	0	38	89	0	0	37	34,956
6	0	35	67	0	0	33	34,821
7	0	36	72	0	0	29	34,684
8	0	35	69	0	0	47	34,533
9	0	24	68	0	0	43	34,398
10	0	31	68	0	0	38	34,261
11	0	20	71	0	0	36	34,134
12	0	40	70	0	0	41	33,983
13	0	44	72	0	0	37	33,830
14	0	47	72	0	0	43	33,668
15	0	37	103	0	0	33	33,495
16	0	28	113	0	0	37	33,317
17	0	22	111	0	0	42	33,142
18	0	26	116	0	0	42	32,958
19	0	25	75	0	0	37	32,821
20	0	22	75	0	0	44	32,680
21	0	22	66	0	0	49	32,543
22	0	21	71	0	0	31	32,420
23	0	21	67	0	0	24	32,308
24	0	23	65	0	0	35	32,185
25	0	19	69	0	0	31	32,066
26	0	26	68	0	0	35	31,937
27	0	22	70	0	0	30	31,815
28	0	18	67	0	0	31	31,699
29	0	15	70	0	0	26	31,588
30	0	15	66	0	0	28	31,479
S.F.D.	0	835	2,450	0	0	1,070	31,479
AC.FT.	0	1,656	4,859	0	0	2,122	62,438

TOTAL ACRE-FOOT STORAGE DAYS 1,989,837

HACIENDA WATER DISTRICT

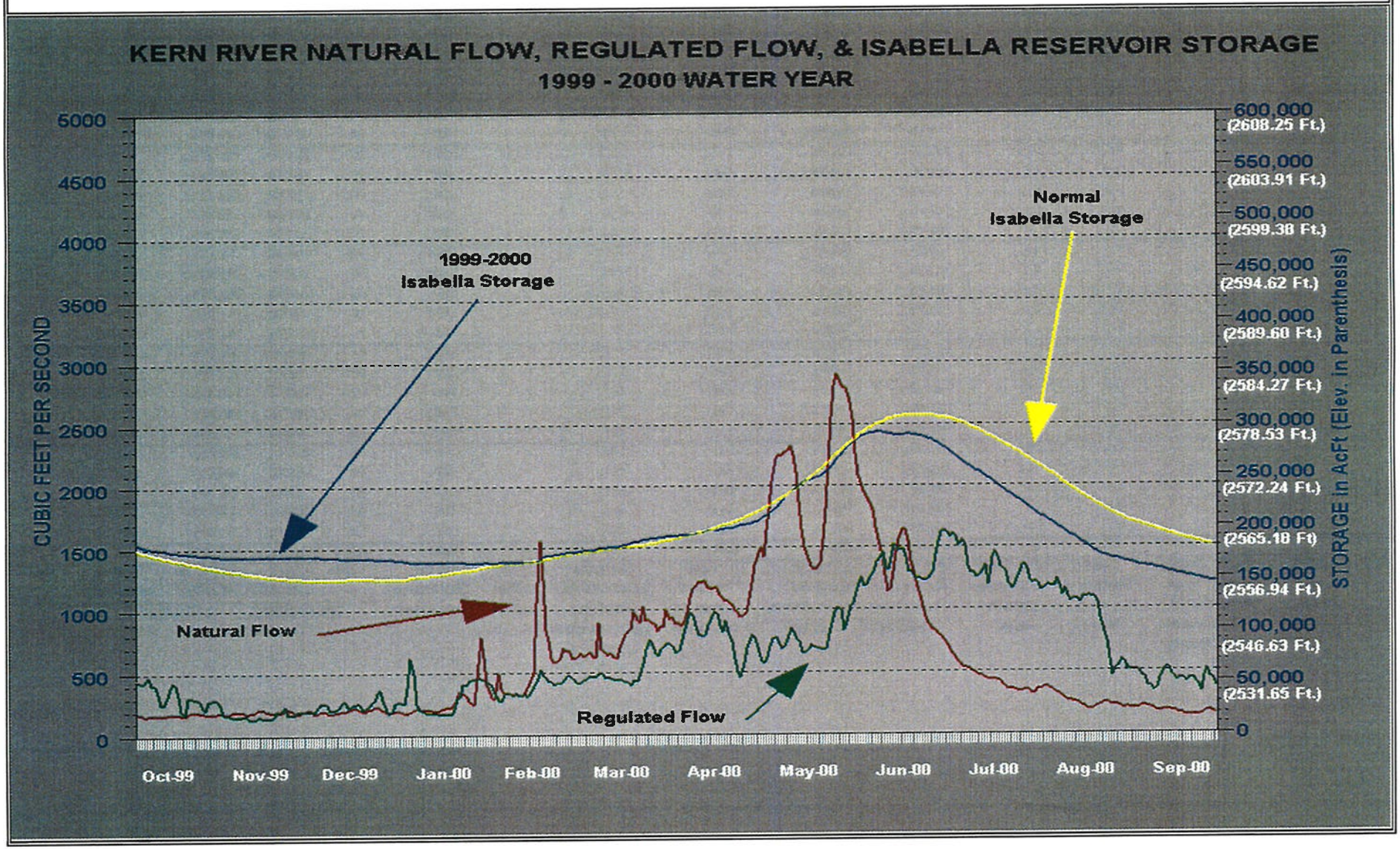
DAY	ENTITLEMENT Contributed By: NKWSD	ENTITLEMENT Contributed By: BVWSD	RESERVOIR LOSS	RESERVOIR STORAGE
Previous Day	0	0	0	0
1	0	0	0	0
2	0	0	0	0
3	0	0	0	0
4	0	0	0	0
5	0	0	0	0
6	0	0	0	0
7	0	0	0	0
8	0	0	0	0
9	0	0	0	0
10	0	0	0	0
11	0	0	0	0
12	0	0	0	0
13	0	0	0	0
14	0	0	0	0
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25	0	0	0	0
26	0	0	0	0
27	0	0	0	0
28	0	0	0	0
29	0	0	0	0
30	0	0	0	0
S.F.D.	0	0	0	0
AC.FT.	0	0	0	0

TOTAL ACRE-FOOT STORAGE DAYS 0

REPORT OF THE KERN RIVER WATERMASTER — SEPTEMBER 2000

WATERMASTER NOTES *** KERN RIVER BULLETIN

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



REPORT OF THE KERN RIVER WATERMASTER

OCTOBER 2000

Quantities in S.F.D. except where noted

	ISABELLA RESERVOIR								MEAN STORAGE				SECOND POINT GROUP FLOW AT 2ND POINT			
	ELEVATION	MIDNIGHT STORAGE			FIRST POINT REGULATED	FLOW ABOVE	CHANGE IN STORAGE+LOSS +1ST POINT +FLOW ABOVE	COMPUTED 1ST POINT NATURAL	Recreation Pool + Dead Storage = 15,218 S.F.D. (30,184 ACFT)		KERN COUNTY RECREATION	TOTAL FLOW AT SECOND	KERN	FRIANT-	FRIANT- KERN	
DAY	(FEET)	ACRE-FEET	S.F.D.	LOSS	F LOW	1ST PT.	1ST POINT	FLOW	TOTAL	IRRIGATION	POOL LOSS	POINT	RIVER	KERN	INFLOW	DAY
Previous Day	2556.13	145,564	73,389	56	379	5	167	167	73,389	58,171	8	0	0	0	0	
1	2556.03	145,023	73,116	81	344	4	156	176	73,136	57,918	12	0	0	0	0	1
2	2555.95	144,592	72,899	76	352	4	215	182	72,886	57,668	11	0	0	0	0	2
3	2555.85	144,054	72,627	68	375	4	175	189	72,628	57,410	10	0	0	0	0	3
4	2555.74	143,464	72,330	68	403	4	178	172	72,325	57,107	10	0	0	0	0	4
5	2555.61	142,768	71,979	69	441	4	163	176	71,987	56,769	10	0	0	0	0	5
6	2555.49	142,128	71,656	67	440	4	188	177	71,653	56,435	10	0	0	0	0	6
7	2555.39	141,596	71,388	58	384	4	178	184	71,391	56,173	9	0	0	0	0	7
8	2555.28	141,011	71,093	58	418	4	185	192	71,103	55,885	9	0	0	0	0	8
9	2555.17	140,430	70,800	63	439	4	213	204	70,801	55,583	9	0	0	0	0	9
10	2555.10	140,060	70,614	2	395	3	214	200	70,601	55,383	0	0	0	0	0	10
11	2555.00	139,534	70,348	4	431	4	173	212	70,374	55,156	1	0	0	0	0	11
12	2554.92	139,113	70,136	31	425	4	248	221	70,135	54,917	5	0	0	0	0	12
13	2554.86	138,798	69,977	29	368	3	241	248	69,983	54,765	4	0	0	0	0	13
14	2554.83	138,640	69,898	35	295	3	254	243	69,893	54,675	5	0	0	0	0	14
15	2554.81	138,535	69,845	35	248	4	234	233	69,839	54,621	5	0	0	0	0	15
16	2554.77	138,326	69,739	33	282	3	212	223	69,744	54,526	5	0	0	0	0	16
17	2554.72	138,065	69,608	59	291	4	223	203	69,593	54,375	9	0	0	0	0	17
18	2554.66	137,752	69,450	33	295	4	174	203	69,464	54,246	5	0	0	0	0	18
19	2554.59	137,388	69,266	45	348	3	212	203	69,271	54,053	7	0	0	0	0	19
20	2554.53	137,074	69,108	35	343	4	224	213	69,102	53,884	5	0	0	0	0	20
21	2554.50	136,919	69,030	43	235	3	203	208	69,029	53,811	7	0	0	0	0	21
22	2554.47	136,763	68,951	35	238	3	197	196	68,949	53,731	5	0	0	0	0	22
23	2554.42	136,503	68,820	47	269	3	188	200	68,830	53,612	7	0	0	0	0	23
24	2554.35	136,140	68,637	43	352	4	216	200	68,631	53,413	7	0	0	0	0	24
25	2554.27	135,726	68,429	37	364	3	196	222	68,449	53,231	6	0	0	0	0	25
26	2554.24	135,572	68,351	8	321	3	254	230	68,347	53,129	1	0	0	0	0	26
27	2554.22	135,469	68,299	26	262	4	240	233	68,288	53,070	4	0	0	0	0	27
28	2554.20	135,365	68,247	30	224	3	205	226	68,257	53,039	5	0	0	0	0	28
29	2554.20	135,365	68,247	2	228	3	233	240	68,264	53,046	0	0	0	0	0	29
30	2554.21	135,417	68,273	26	227	4	283	266	68,273	53,055	4	0	0	0	0	30
31	2554.21	135,417	68,273	14	218	3	235	235	68,273	53,055	2	0	0	0	0	31
TOTAL SECOND FOOT DAYS				1,260	10,255	111	6,510	6,510	68,273	53,055	189	0	0	0	0	
TOTAL ACRE-FEET				2,499	20,340	220	12,912	12,912	135,417	105,233	375	0	0	0	0	

By: _____ Date: November 16, 2000

NORTH KERN WATER STORAGE DISTRICT

DAY	ENT'L AT 1ST POINT	FLOW AT 1ST POINT	FLOW ABOVE 1ST POINT: LAKE MING	KERN VALLEY GOLF COURSE	CAL WATER SERVICE	OLCESE WD	GLEN GRUNDEIS	RESERVOIR LOSS	RESERVOIR STORAGE
Previous Day	167	298	2	0	1	2	0	28	26,692
1	176	269	1	1	1	1	0	41	26,554
2	182	264	1	0	2	1	0	38	26,430
3	189	276	2	0	1	1	0	34	26,305
4	172	300	1	0	2	1	0	34	26,139
5	176	336	1	1	1	1	0	35	25,940
6	177	337	1	0	2	1	0	34	25,742
7	184	300	2	0	1	1	0	29	25,593
8	192	333	1	0	1	1	1	29	25,419
9	204	351	1	0	2	1	0	31	25,237
10	200	312	1	0	1	1	0	1	25,121
11	212	351	1	0	2	1	0	2	24,976
12	221	350	1	1	1	1	0	16	24,827
13	248	299	1	0	1	1	0	14	24,759
14	243	224	1	0	1	1	0	17	24,758
15	233	172	1	0	2	1	0	17	24,798
16	223	203	1	0	1	1	0	16	24,799
17	203	207	1	1	1	1	0	29	24,762
18	203	236	1	0	2	1	0	17	24,708
19	203	287	1	0	1	1	0	23	24,598
20	213	285	1	0	2	1	0	17	24,505
21	208	178	1	0	1	1	0	22	24,510
22	196	185	1	0	1	1	0	17	24,501
23	200	203	1	0	1	1	0	23	24,472
24	200	250	1	1	1	1	0	22	24,396
25	222	262	1	0	1	1	0	19	24,334
26	230	230	1	0	1	1	0	4	24,327
27	233	207	1	0	2	1	0	13	24,336
28	226	171	1	0	1	1	0	15	24,373
29	240	185	1	0	1	1	0	1	24,424
30	266	182	1	1	1	1	0	13	24,491
31	235	189	1	0	1	1	0	7	24,527
S.F.D.	6,510	7,934	33	6	40	31	1	630	24,527
AC.FT.	12,912	15,737	65	12	80	61	2	1,249	48,649

TOTAL ACRE-FOOT STORAGE DAYS 1,536,517

BUENA VISTA WATER STORAGE DISTRICT

DAY	ENT'L AT 1ST POINT	FLOW VIA KDWD	FLOW VIA CWD	FLOW AT 2ND POINT	RESERVOIR LOSS	RESERVOIR STORAGE
Previous Day	0	15	66	0	28	31,479
1	0	11	64	0	40	31,364
2	0	15	73	0	38	31,238
3	0	18	81	0	34	31,105
4	0	19	84	0	34	30,968
5	0	15	90	0	34	30,829
6	0	18	85	0	33	30,693
7	0	19	65	0	29	30,580
8	0	19	66	0	29	30,466
9	0	16	72	0	32	30,346
10	0	13	70	0	1	30,262
11	0	10	70	0	2	30,180
12	0	8	67	0	15	30,090
13	0	5	64	0	15	30,006
14	0	5	66	0	18	29,917
15	0	12	64	0	18	29,823
16	0	13	66	0	17	29,727
17	0	15	69	0	30	29,613
18	0	15	44	0	16	29,538
19	0	16	45	0	22	29,455
20	0	16	42	0	18	29,379
21	0	14	43	0	21	29,301
22	0	12	41	0	18	29,230
23	0	16	50	0	24	29,140
24	0	15	87	0	21	29,017
25	0	17	85	0	18	28,897
26	0	10	81	0	4	28,802
27	0	10	45	0	13	28,734
28	0	8	45	0	15	28,666
29	0	0	43	0	1	28,622
30	0	4	41	0	13	28,564
31	0	1	28	0	7	28,528
S.F.D.	0	385	1,936	0	630	28,528
AC.FT.	0	763	3,840	0	1,250	56,584

TOTAL ACRE-FOOT STORAGE DAYS 1,830,901

HACIENDA WATER DISTRICT

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

TOTAL ACRE-FOOT STORAGE DAYS 0

WATERMASTER NOTES *** KERN RIVER BULLETIN

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

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

1999-2000 WATER YEAR

Quantities in acre-feet

		OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	TOTAL
+	Kern River Natural Flow	11,714	12,288	13,057	19,140	35,096	50,176	67,388	129,406	81,396	28,306	16,610	10,937	475,514
-	Isabella Reservoir Evaporation	3,802	2,045	1,569	849	649	1,686	2,971	5,060	6,944	7,315	6,327	4,320	43,537
-	Into Isabella Storage	0	0	0	0	11,074	14,551	17,638	74,817	0	0	0	0	118,080
+	From Isabella Storage	12,745	610	4,512	1,727	0	0	0	0	7,026	63,181	49,701	20,220	159,722
-	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	20,657	10,853	16,000	20,018	23,373	33,939	46,779	49,529	81,478	84,172	59,984	26,837	473,619
	Accumulative Absorption within Kern River Service Area	20,657	31,510	47,510	67,528	90,901	124,840	171,619	221,148	302,626	386,798	446,782	473,619	

REPORT OF THE KERN RIVER WATERMASTER

NOVEMBER 2000

Quantities in S.F.D. except where noted

DAY	ISABELLA RESERVOIR ELEVATION (FEET)	MIDNIGHT STORAGE ACRE-FEET	S.F.D.	LOSS	FIRST POINT REGULATED FLOW	FLOW ABOVE 1ST PT.	CHANGE IN STORAGE+LOSS +1ST POINT +FLOW ABOVE 1ST POINT	COMPUTED 1ST POINT NATURAL FLOW	MEAN STORAGE Recreation Pool + Dead Storage = 15,218 S.F.D. (30,184 ACFT) TOTAL	IRRIGATION	KERN COUNTY RECREATION POOL LOSS	TOTAL FLOW AT SECOND POINT	SECOND POINT GROUP FLOW AT 2ND POINT KERN RIVER	FRIANT-KERN	FRIANT-KERN INFLOW	DAY
Previous Day	2554.21	135,417	68,273	14	218	3	235	235	68,273	53,055	2	0	0	0	0	
1	2554.21	135,417	68,273	13	214	3	230	230	68,273	53,055	2	0	0	0	0	1
2	2554.20	135,365	68,247	52	214	2	242	240	68,245	53,027	8	0	0	0	0	2
3	2554.19	135,314	68,221	44	215	2	235	240	68,224	53,006	7	0	0	0	0	3
4	2554.19	135,314	68,221	27	215	2	244	234	68,214	52,996	4	0	0	0	0	4
5	2554.17	135,211	68,169	52	220	2	222	243	68,183	52,965	8	0	0	0	0	5
6	2554.18	135,262	68,195	21	214	2	263	239	68,185	52,967	3	0	0	0	0	6
7	2554.18	135,262	68,195	25	206	2	233	230	68,182	52,964	4	0	0	0	0	7
8	2554.16	135,159	68,143	41	202	2	193	214	68,151	52,933	6	0	0	0	0	8
9	2554.16	135,159	68,143	19	195	2	216	196	68,131	52,913	3	0	0	0	0	9
10	2554.15	135,107	68,116	2	201	2	178	204	68,130	52,912	0	0	0	0	0	10
11	2554.15	135,107	68,116	13	202	2	217	197	68,110	52,892	2	0	0	0	0	11
12	2554.14	135,056	68,091	13	206	2	196	190	68,079	52,861	2	0	0	0	0	12
13	2554.12	134,953	68,039	17	191	2	158	182	68,051	52,833	3	0	0	0	0	13
14	2554.12	134,953	68,039	25	166	2	193	186	68,044	52,826	4	0	0	0	0	14
15	2554.11	134,901	68,013	21	209	2	206	204	68,016	52,798	3	0	0	0	0	15
16	2554.09	134,798	67,961	23	239	2	212	206	67,958	52,740	4	0	0	0	0	16
17	2554.07	134,695	67,909	19	232	2	201	204	67,909	52,691	3	0	0	0	0	17
18	2554.05	134,592	67,857	21	228	2	199	199	67,857	52,639	3	0	0	0	0	18
19	2554.03	134,490	67,805	17	230	2	197	195	67,803	52,585	3	0	0	0	0	19
20	2554.01	134,387	67,753	11	229	2	190	201	67,762	52,544	2	0	0	0	0	20
21	2553.98	134,234	67,676	50	241	2	216	211	67,680	52,462	8	0	0	0	0	21
22	2553.97	134,183	67,651	21	230	2	228	224	67,651	52,433	3	0	0	0	0	22
23	2553.98	134,234	67,676	17	184	2	228	229	67,677	52,459	3	0	0	0	0	23
24	2553.99	134,285	67,702	15	187	2	230	225	67,698	52,480	2	0	0	0	0	24
25	2553.99	134,285	67,702	17	197	2	216	222	67,704	52,486	3	0	0	0	0	25
26	2553.99	134,285	67,702	25	193	2	220	215	67,699	52,481	4	0	0	0	0	26
27	2554.00	134,337	67,728	6	176	2	210	216	67,731	52,513	1	0	0	0	0	27
28	2554.01	134,387	67,753	11	180	2	218	215	67,753	52,535	2	0	0	0	0	28
29	2554.01	134,387	67,753	36	179	2	217	217	67,753	52,535	6	0	0	0	0	29
30	2554.02	134,438	67,779	13	186	2	227	227	67,779	52,561	2	0	0	0	0	30
TOTAL SECOND FOOT DAYS				687	6,181	61	6,435	6,435	67,779	52,561	108	0	0	0	0	
TOTAL ACRE-FEET				1,363	12,260	121	12,764	12,764	134,438	104,254	214	0	0	0	0	

By: _____ Date: December 18, 2000

NORTH KERN WATER STORAGE DISTRICT

DAY	ENT'L AT 1ST POINT	FLOW AT 1ST POINT	FLOW ABOVE 1ST POINT: LAKE MING	KERN VALLEY GOLF COURSE	CAL WATER SERVICE	OLCESE WD	RESERVOIR LOSS	RESERVOIR STORAGE
Previous Day	235	189	1	0	1	1	7	24,527
1	230	182	1	0	1	1	7	24,565
2	240	186	1	0	1	0	26	24,591
3	240	185	1	0	0	1	22	24,622
4	234	185	1	0	1	0	14	24,655
5	243	213	0	1	1	0	26	24,657
6	239	177	1	0	1	0	11	24,706
7	230	171	1	0	1	0	13	24,750
8	214	165	1	0	1	0	21	24,776
9	196	181	1	0	0	1	10	24,779
10	204	190	0	0	1	1	1	24,790
11	197	177	1	0	1	0	7	24,801
12	190	183	1	1	0	0	7	24,799
13	182	167	1	0	1	0	9	24,803
14	186	141	0	0	1	1	13	24,833
15	204	178	1	0	1	0	11	24,846
16	206	192	1	0	0	1	12	24,846
17	204	188	0	0	1	1	10	24,850
18	199	188	1	0	1	0	11	24,848
19	195	191	1	0	1	0	9	24,841
20	201	208	0	0	1	1	6	24,826
21	211	220	1	0	0	1	26	24,789
22	224	230	1	0	1	0	11	24,770
23	229	184	0	0	1	1	9	24,804
24	225	187	1	0	0	1	8	24,832
25	222	197	1	0	1	0	9	24,846
26	215	193	0	1	1	0	13	24,853
27	216	176	1	0	0	1	3	24,888
28	215	176	0	0	1	1	6	24,919
29	217	175	1	0	1	0	19	24,940
30	227	182	0	0	1	1	7	24,976
S.F.D.	6,435	5,568	21	3	23	14	357	24,976
AC.FT.	12,764	11,044	42	6	45	28	708	49,540

TOTAL ACRE-FOOT STORAGE DAYS 1,475,307

BUENA VISTA WATER STORAGE DISTRICT

DAY	ENT'L AT 1ST POINT	FLOW VIA KDWD	FLOW VIA CWD	FLOW AT 2ND POINT	FLOW ABOVE 1ST PT. CARMEL La HACIENDA INC.	RESERVOIR LOSS	RESERVOIR STORAGE
Previous Day	0	1	28	0	0	7	28,528
1	0	5	27	0	0	6	28,490
2	0	4	24	0	0	26	28,436
3	0	6	24	0	0	22	28,384
4	0	4	26	0	0	13	28,341
5	0	6	1	0	0	26	28,308
6	0	9	28	0	0	10	28,261
7	0	11	24	0	0	12	28,214
8	0	11	26	0	0	20	28,157
9	0	7	7	0	0	9	28,134
10	0	5	6	0	0	1	28,122
11	0	2	23	0	0	6	28,091
12	0	0	23	0	0	6	28,062
13	0	0	24	0	0	8	28,030
14	0	0	25	0	0	12	27,993
15	0	0	31	0	0	10	27,952
16	0	0	47	0	0	11	27,894
17	0	0	44	0	0	9	27,841
18	0	2	38	0	0	10	27,791
19	0	0	39	0	0	8	27,744
20	0	0	21	0	0	5	27,718
21	0	0	21	0	0	24	27,673
22	0	0	0	0	0	10	27,663
23	0	0	0	0	0	8	27,655
24	0	0	0	0	0	7	27,648
25	0	0	0	0	0	8	27,640
26	0	0	0	0	0	12	27,628
27	0	0	0	0	0	3	27,625
28	0	4	0	0	0	5	27,616
29	0	4	0	0	0	17	27,595
30	0	4	0	0	0	6	27,585
S.F.D.	0	84	529	0	0	330	27,585
AC.FT.	0	167	1,049	0	0	655	54,714

TOTAL ACRE-FOOT STORAGE DAYS 1,662,725

HACIENDA WATER DISTRICT

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

TOTAL ACRE-FOOT STORAGE DAYS 0

*WATERMASTER NOTES *** KERN RIVER BULLETIN*

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

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	67.9	83.4	29.1	18.9	10.3	355.8
1956	9.5	11.5	90.4	77.1	48.2	59.9	94.5	156.3	167.4	97.2	38.1	20.3	870.4
1957	17.6	15.7	15.1	16.4	25.3	30.3	38.5	78.1	131.8	41.0	16.4	12.5	438.7
1958	13.6	13.3	17.6	20.6	36.5	61.5	153.6	312.3	231.7	120.1	51.1	25.8	1057.7
1959	20.6	18.7	17.8	19.3	21.2	31.7	39.5	39.4	33.0	15.8	9.9	9.6	276.5
1960	9.6	9.7	10.3	12.2	27.9	30.2	44.5	58.0	45.5	15.1	7.9	8.4	279.3
1961	9.5	13.0	11.7	10.6	10.0	13.1	23.0	29.1	23.8	8.5	15.1	7.6	175.0
1962	7.1	8.8	11.0	12.4	47.1	32.4	140.5	130.8	154.7	72.1	23.7	13.1	653.7
1963	12.9	11.6	11.1	26.5	99.6	41.0	67.6	134.0	162.3	102.6	42.2	26.5	737.9
1964	24.5	23.8	21.5	18.2	16.6	22.7	39.6	60.0	52.3	22.0	13.3	8.6	323.1
1965	8.7	13.9	44.2	43.5	30.2	33.2	74.5	131.0	149.9	94.9	50.7	22.0	696.7
1966	15.6	28.4	28.3	27.0	21.4	37.8	66.7	81.5	45.4	21.9	16.1	9.6	399.7
1967	9.5	13.7	**299.0**	59.6	62.5	83.2	95.5	268.1	302.9	238.1	90.5	53.5	1576.1
1968	34.9	31.9	33.0	32.2	38.9	47.1	64.4	86.7	62.1	28.4	18.4	11.3	489.3
1969	12.6	15.3	17.1	159.4	93.4	133.9	**337.4**	**597.5**	485.6	236.0	93.8	44.3	2226.3
1970	33.3	32.4	30.9	61.8	39.0	56.9	62.1	109.8	92.7	49.2	22.7	13.4	604.2
1971	12.7	18.8	26.8	31.5	29.4	40.6	51.1	64.4	81.1	41.6	18.9	11.1	428.0
1972	11.4	13.4	17.2	18.2	17.6	32.3	27.3	45.4	37.7	14.6	10.7	11.2	257.0
1973	10.6	14.5	19.3	30.5	32.2	45.0	103.9	282.5	226.5	91.8	36.9	18.8	912.5
1974	16.8	20.4	25.1	45.6	28.1	68.8	108.1	182.2	166.7	68.6	37.6	20.4	788.4
1975	19.1	17.6	20.6	21.1	25.3	39.9	43.9	142.8	138.8	50.3	22.4	16.2	558.0
1976	15.1	14.7	15.6	14.6	15.3	21.8	24.2	47.0	18.9	13.9	13.7	23.1	237.9
1977	18.7	11.7	10.0	12.2	12.0	12.6	22.4	24.3	34.5	10.3	9.8	7.0	185.5
1978	7.9	8.1	21.8	42.0	90.0	163.4	170.2	352.2	351.9	188.1	73.1	58.9	1527.6
1979	28.1	24.3	27.2	32.2	38.7	66.9	99.4	164.0	105.5	47.0	26.9	19.1	679.3
1980	18.2	18.2	17.7	138.7	**159.4**	130.7	204.1	284.4	274.9	198.9	69.9	35.1	1550.2
1981	27.1	24.9	28.0	25.9	33.4	43.6	67.5	90.8	65.7	25.5	15.6	12.2	460.2
1982	14.0	18.5	21.4	33.9	49.5	71.4	202.9	253.0	194.9	124.6	58.1	60.6	1102.8
1983	45.1	55.2	73.7	81.0	121.2	**227.6**	182.2	465.9	**567.1**	**285.8**	**152.5**	**61.0**	**2318.3**
1984	**46.9**	**65.9**	93.6	69.1	55.0	77.3	88.0	159.4	90.7	72.4	45.6	26.9	890.8
1985	26.2	33.6	35.6	36.7	37.0	49.5	133.6	147.4	100.4	38.7	23.4	16.7	678.8
1986	15.1	20.0	30.4	38.9	143.6	196.2	198.6	283.9	250.4	107.4	46.1	24.3	1354.9
1987	25.5	22.4	21.3	22.5	27.3	37.7	54.5	72.6	54.5	23.4	13.6	10.0	385.3
1988	10.6	14.3	15.5	22.0	19.1	29.0	39.6	58.4	42.6	21.5	13.4	10.2	296.2
1989	8.9	9.9	14.6	15.4	22.6	64.0	90.2	69.8	48.4	22.1	12.3	10.2	388.4
1990	10.4	10.5	10.0	11.4	11.8	21.4	32.0	38.5	29.1	14.9	8.2	6.3	204.5
1991	8.3	7.6	7.8	9.6	8.5	44.2	55.2	78.9	100.7	37.9	14.1	11.1	383.9
1992	9.4	12.7	11.6	12.7	20.0	24.6	54.2	74.7	33.3	16.3	11.7	7.5	288.7
1993	9.6	11.5	13.4	36.1	35.8	90.1	131.9	202.9	163.9	88.0	34.6	16.1	833.9
1994	13.4	14.1	17.1	18.3	22.6	38.1	46.3	68.4	56.6	20.8	11.2	9.1	336.0
1995	14.6	12.2	14.1	41.9	45.9	146.4	137.6	245.0	281.9	227.7	78.3	37.7	1283.3
1996	21.7	20.4	25.7	36.7	87.8	99.7	143.7	218.1	150.6	67.9	29.9	16.0	918.2
1997	15.1	39.5	80.9	**231.9**	94.8	113.0	142.0	211.7	137.7	71.1	39.7	23.6	1201.0
1998	22.5	25.1	26.1	40.4	101.4	126.8	163.9	277.5	346.3	251.4	82.0	46.2	1509.6
1999	35.2	33.1	29.8	33.9	33.6	35.3	52.7	94.1	67.7	31.3	15.0	12.0	473.7
2000	10.6	12.2	12.4	17.5	32.0	46.5	66.9	130.1	81.9	27.8	14.7	10.9	463.5
MEAN	17.4	19.6	31.7	39.9	45.5	64.1	93.8	155.9	141.9	75.9	34.1	20.6	740.4

REPORT OF THE KERN RIVER WATERMASTER

DECEMBER 2000

Quantities in S.F.D. except where noted

	ISABELLA RESERVOIR						CHANGE IN		MEAN STORAGE				SECOND POINT GROUP FLOW			
	ELEVATION	MIDNIGHT STORAGE			FIRST POINT	FLOW	STORAGE+LOSS	COMPUTED	Recreation Pool + Dead Storage		KERN	TOTAL	AT 2ND POINT		FRIANT-	
					REGULATED	ABOVE	+1ST POINT	1ST POINT	= 15,218 S.F.D. (30,184 ACFT)		COUNTY	FLOW AT	KERN	FRIANT-	KERN	
DAY	(FEET)	ACRE-FEET	S.F.D.	LOSS	F LOW	1ST PT.	+FLOW ABOVE 1ST POINT	NATURAL FLOW	TOTAL	IRRIGATION	RECREATION POOL LOSS	SECOND POINT	RIVER	KERN	INFLOW	DAY
Previous Day	2554.02	134,438	67,779	13	186	2	227	227	67,779	52,561	2	0	0	0	0	
1	2554.02	134,438	67,779	10	193	2	205	217	67,791	52,573	2	0	0	0	0	1
2	2554.02	134,438	67,779	18	222	2	242	215	67,764	52,546	3	0	0	0	0	2
3	2554.00	134,337	67,728	30	218	1	198	208	67,723	52,505	5	0	0	0	0	3
4	2553.94	134,029	67,573	34	301	2	182	198	67,584	52,366	5	0	0	0	0	4
5	2553.89	133,772	67,443	26	318	1	215	200	67,439	52,221	4	0	0	0	0	5
6	2553.83	133,465	67,289	28	327	1	202	211	67,294	52,076	4	0	0	0	0	6
7	2553.77	133,159	67,134	26	344	2	217	201	67,123	51,905	4	0	0	0	0	7
8	2553.70	132,803	66,955	20	340	2	183	199	66,960	51,742	3	0	0	0	0	8
9	2553.64	132,497	66,801	12	337	1	196	200	66,810	51,592	2	0	0	0	0	9
10	2553.58	132,192	66,647	20	352	2	220	200	66,636	51,418	3	0	0	0	0	10
11	2553.49	131,736	66,417	24	389	2	185	207	66,428	51,210	4	0	0	0	0	11
12	2553.41	131,331	66,213	8	411	1	216	203	66,211	50,993	1	0	0	0	0	12
13	2553.33	130,927	66,009	20	391	2	209	213	66,011	50,793	3	0	0	0	0	13
14	2553.26	130,574	65,831	27	363	2	214	217	65,836	50,618	4	0	0	0	0	14
15	2553.20	130,273	65,679	29	348	2	227	224	65,681	50,463	5	0	0	0	0	15
16	2553.17	130,122	65,603	16	289	2	231	226	65,600	50,382	3	0	0	0	0	16
17	2553.14	129,971	65,527	12	283	1	220	226	65,530	50,312	2	0	0	0	0	17
18	2553.11	129,820	65,451	37	264	1	226	215	65,443	50,225	6	0	0	0	0	18
19	2553.08	129,670	65,375	18	256	2	200	215	65,382	50,164	3	0	0	0	0	19
20	2553.06	129,569	65,324	18	252	1	220	210	65,321	50,103	3	0	0	0	0	20
21	2553.04	129,469	65,274	31	227	1	209	213	65,275	50,057	5	0	0	0	0	21
22	2553.04	129,469	65,274	27	183	1	211	203	65,267	50,049	4	0	0	0	0	22
23	2553.04	129,469	65,274	12	176	2	190	205	65,282	50,064	2	0	0	0	0	23
24	2553.05	129,519	65,299	12	176	1	214	201	65,294	50,076	2	0	0	0	0	24
25	2553.05	129,519	65,299	23	175	1	199	206	65,301	50,083	4	0	0	0	0	25
26	2553.05	129,519	65,299	23	179	2	204	191	65,288	50,070	4	0	0	0	0	26
27	2553.04	129,469	65,274	16	178	1	170	188	65,281	50,063	3	0	0	0	0	27
28	2553.04	129,469	65,274	12	177	2	191	185	65,275	50,057	2	0	0	0	0	28
29	2553.04	129,469	65,274	14	176	2	192	199	65,282	50,064	2	0	0	0	0	29
30	2553.05	129,519	65,299	14	174	2	215	207	65,299	50,081	2	0	0	0	0	30
31	2553.05	129,519	65,299	14	179	1	194	194	65,299	50,081	2	0	0	0	0	31
TOTAL SECOND FOOT DAYS				631	8,198	48	6,397	6,397	65,299	50,081	101	0	0	0	0	
TOTAL ACRE-FEET				1,252	16,260	95	12,688	12,688	129,519	99,335	200	0	0	0	0	

By: _____ Date: January 12, 2001

NORTH KERN WATER STORAGE DISTRICT

DAY	ENT'L AT 1ST POINT	FLOW AT 1ST POINT	FLOW ABOVE 1ST POINT: LAKE MING	KERN VALLEY GOLF COURSE	CAL WATER SERVICE	OLCESE WD	RESERVOIR LOSS	RESERVOIR STORAGE
Previous Day	227	182	0	0	1	1	7	24,976
1	217	193	1	0	1	0	5	24,993
2	215	222	0	0	1	1	9	24,975
3	208	218	1	0	0	0	16	24,948
4	198	301	0	0	1	1	18	24,825
5	200	301	1	0	0	0	13	24,710
6	211	310	0	0	1	0	14	24,596
7	201	325	1	0	1	0	13	24,457
8	199	323	0	0	1	1	10	24,321
9	200	337	1	0	0	0	6	24,177
10	200	352	0	0	1	1	10	24,013
11	207	386	1	0	1	0	12	23,820
12	203	394	0	0	0	1	4	23,624
13	213	373	1	0	1	0	10	23,452
14	217	363	0	1	0	1	14	23,290
15	224	348	1	0	1	0	15	23,149
16	226	289	0	0	1	1	8	23,076
17	226	283	1	0	0	0	6	23,012
18	215	264	0	0	1	0	19	22,943
19	215	256	0	0	1	1	9	22,891
20	210	252	1	0	0	0	9	22,839
21	213	227	0	0	1	0	16	22,808
22	203	183	0	0	1	0	13	22,814
23	205	175	1	0	1	0	6	22,836
24	201	176	0	0	0	1	6	22,854
25	206	175	0	0	1	0	12	22,872
26	191	179	1	0	0	1	12	22,870
27	188	178	0	0	1	0	8	22,871
28	185	177	0	1	0	1	6	22,871
29	199	152	1	0	1	0	7	22,909
30	207	151	0	0	1	1	7	22,956
31	194	171	0	0	1	0	7	22,976
S.F.D.	6,397	8,034	13	2	21	12	320	22,976
AC.FT.	12,688	15,935	26	4	41	24	635	45,573

TOTAL ACRE-FOOT STORAGE DAYS 1,447,433

BUENA VISTA WATER STORAGE DISTRICT

DAY	ENT'L AT 1ST POINT	FLOW: VIA KDWD	FLOW: VIA CWD	FLOW: AT 2ND POINT	FLOW ABOVE 1ST PT. CARMEL La HACIENDA INC.	RESERVOIR LOSS	RESERVOIR STORAGE
Previous Day	0	4	0	0	0	6	27,585
1	0	0	0	0	0	5	27,580
2	0	0	0	0	0	9	27,571
3	0	0	0	0	0	14	27,557
4	0	0	0	0	0	16	27,541
5	0	0	17	0	0	13	27,511
6	0	0	17	0	0	14	27,480
7	0	0	19	0	0	13	27,448
8	0	0	17	0	0	10	27,421
9	0	0	0	0	0	6	27,415
10	0	0	0	0	0	10	27,405
11	0	3	0	0	0	12	27,390
12	0	0	17	0	0	4	27,369
13	0	0	18	0	0	10	27,341
14	0	0	0	0	0	13	27,328
15	0	0	0	0	0	14	27,314
16	0	0	0	0	0	8	27,306
17	0	0	0	0	0	6	27,300
18	0	0	0	0	0	18	27,282
19	0	0	0	0	0	9	27,273
20	0	0	0	0	0	9	27,264
21	0	0	0	0	0	15	27,249
22	0	0	0	0	0	14	27,235
23	0	1	0	0	0	6	27,228
24	0	0	0	0	0	6	27,222
25	0	0	0	0	0	11	27,211
26	0	0	0	0	0	11	27,200
27	0	0	0	0	0	8	27,192
28	0	0	0	0	0	6	27,186
29	0	0	24	0	0	7	27,155
30	0	0	23	0	0	7	27,125
31	0	0	8	0	0	7	27,105
S.F.D.	0	4	160	0	0	311	27,105
AC.FT.	0	8	317	0	0	617	53,762

TOTAL ACRE-FOOT STORAGE DAYS 1,680,404

HACIENDA WATER DISTRICT

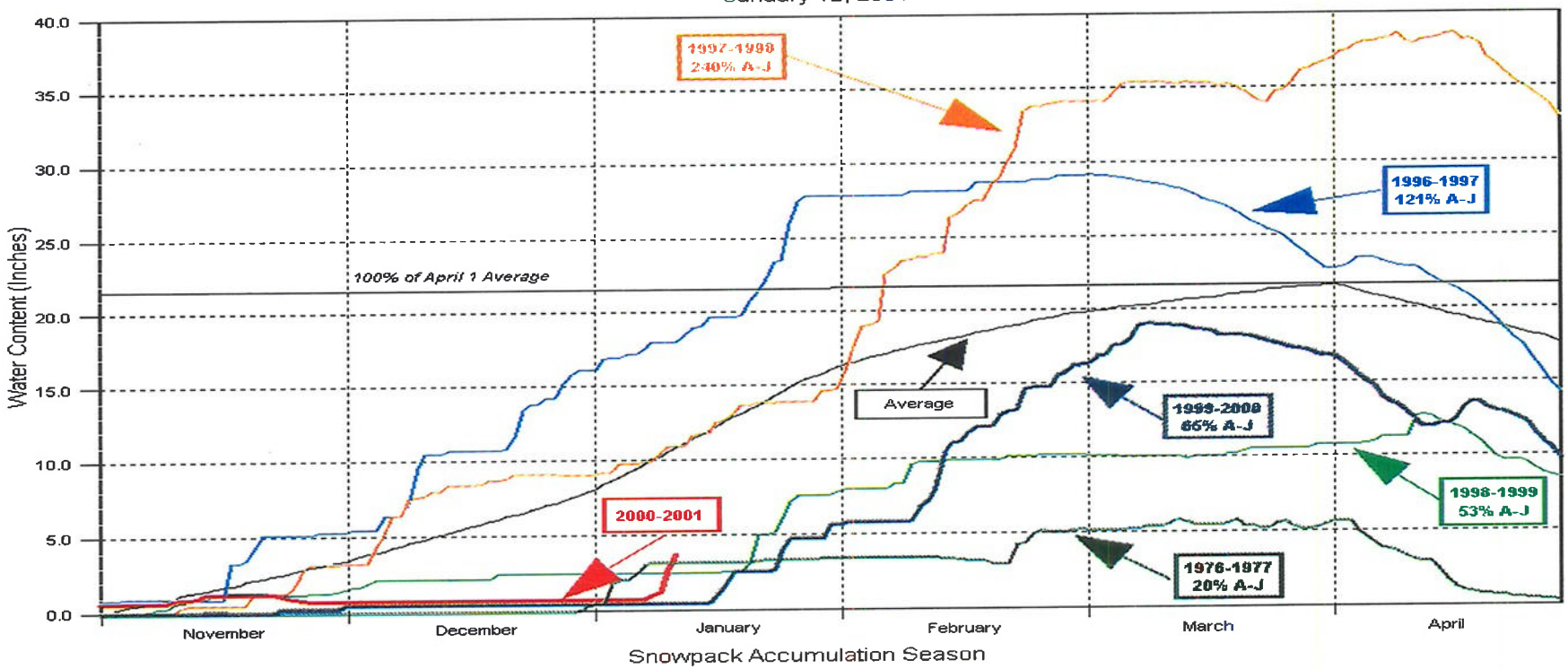
DAY	ENTITLEMENT Contributed By: NKWSD	ENTITLEMENT Contributed By: BVWSD	RESERVOIR LOSS	RESERVOIR STORAGE
Previous Day	0	0	0	0
1	0	0	0	0
2	0	0	0	0
3	0	0	0	0
4	0	0	0	0
5	0	0	0	0
6	0	0	0	0
7	0	0	0	0
8	0	0	0	0
9	0	0	0	0
10	0	0	0	0
11	0	0	0	0
12	0	0	0	0
13	0	0	0	0
14	0	0	0	0
15	0	0	0	0
16	0	0	0	0
17	0	0	0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

TOTAL ACRE-FOOT STORAGE DAYS 0

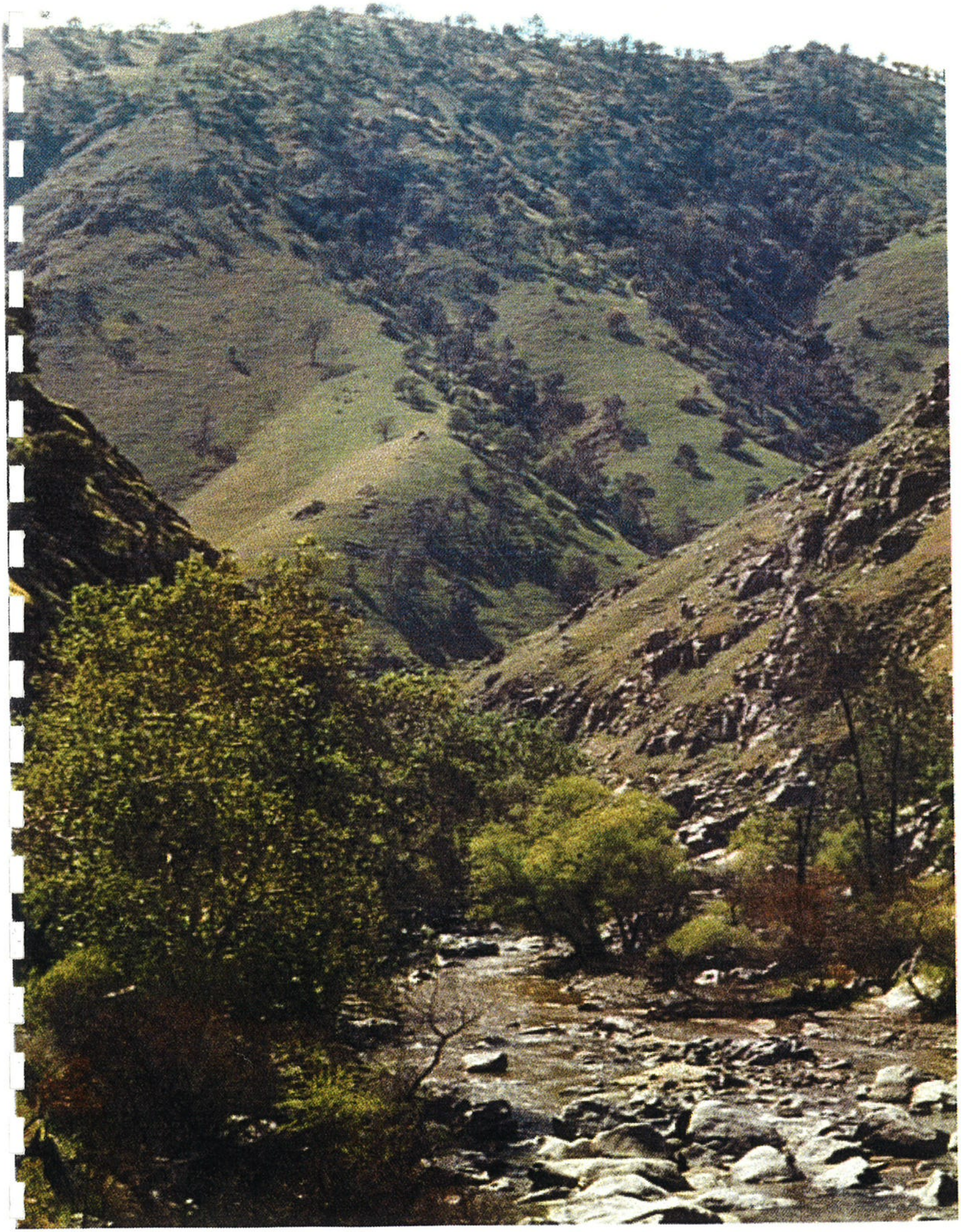
WATERMASTER NOTES *** KERN RIVER BULLETIN

MONTH	DAY(S)	PAGE NO.	TITLE OF COLUMN	COMMENT
December	5	2	BVWSD FLOW - VIA CWD	Delivered as per terms of BUENA VISTA WATER STORAGE DISTRICT/Cawelo Water District letter agreement dated November 20, 2000.
December	31	2	BVWSD RESERVOIR STORAGE NKWSD RESERVOIR STORAGE	Reflects transfer of 10 acre-feet (5 s.f.d.) from BUENA VISTA WATER STORAGE DISTRICT to NORTH KERN WATER STORAGE DISTRICT on behalf of HACIENDA WATER DISTRICT as compensation for additional evaporation of Kern River water due to Rio Bravo Power Plant operations during calendar year 2000 pursuant to terms of May 14, 1986 Memorandum of Understanding between Olcese WD and the Kern River Interests. (Total of 14 acre-feet of additional evaporation; shared 75% NKWSD & 25% BVWSD)

KERN RIVER BASIN SNOWPACK ACCUMULATION
EIGHT SENSOR INDEX
January 12, 2001



CITY OF BAKERSFIELD WATER RESOURCES DEPARTMENT



CITY OF BAKERSFIELD
KERN RIVER FIRST POINT FLOW AND DIVERSION RECORD

Date: January 2000 Recap

COMPUTED NATURAL FLOW AT FIRST POINT.....	19140
LESS NON-CONTRIBUTING CANALS.....	15346
FOR OTHERS AND FIRST POINT CANALS.....	3794
TO BE CONTRIBUTED BY OTHER CANALS.....	676
TO BE USED BY OTHER CANALS.....	3118
EACH OTHER CANAL TO RECEIVE.....	N/A % OF IT'S DIVERSION RIGHT

QUANTITIES IN: ACRE-FEET

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

DIVERSION RIGHT				GROSS	GROSS	RELEASES			ENTITLEMENT LESS RELEASES ... OR PLUS DISTRIBUTED RELEASES				EXCHANGES, SALES OR PURCHASES		NET DIVERSIONS				WATER TRANS. LOSS		ISABELLA RESERVOIR				
RIVER STAGE	AMT.	NAME OF CANAL		DIV'R	ENT'L	To River	Distribution Direct	Distribution Pro	NKWSD	KCC&W Co.	KDWD	OTHER	PLUS	LESS	NKWSD	KCC&W Co.	KDWD	OTHER	DIR	PRO	IN	PREVIOUS BALANCE	LOSS	OUT	CURRENT BALANCE
		K.C.L. Co. ENT'L @ 2ND PT.																							
300.0	300	KERN ISLAND (1-ST)		7532	15346	6179					9167		1537	73			8996		52	103	16	2500	16	0	2500
		EASTSIDE															0								
		KERN RIVER CONDUIT																							
320.0	20	CASTRO			87		221																		
		KCC&W Co.			246		676			1230									(2)		828	6621	48	95	7306
330.5	10.5	SOUTH FORK		61	169	169	61					61						61			0	600		0	600
410.5	80	BUENA VISTA (1-ST)		821	914	466	674				1122						821		69	222	10	1500	10	0	1500
530.5	120	JAMES (1-ST)			879		3439		4318																
550.5	20	ANDERSON (1-ST)			115		226		341																
700.5	150	STINE			529	151	111				489						0				489	0	0	0	489
730.5	30	MEACHAM			58		290		348																
880.5	150	FARMERS			121	20					101						0				101	0	0	0	101
920.5	40	PLUNKET					343		343																
960.5	40	JOYCE					238		238																
1000.5	40	JOHNSON					238		238																
1130.5	130	PIONEER (1-ST)					468		468																
1190.5	60	BEARDSLEY (1-ST)		79														79			0	6190	40	79	6071
		LERDO (NKWSD)		6734										139	6168	427					1476	55368	346	3242	53256
1200.5	10	ANDERSON (2-ND)																							
1240.5	40	JAMES & DIXON																							
1250.5	10	WILSON																			2920	72779	460	3416	71823
		KCC&W Co.																							
1276.5	26	McCAFFREY																							
		McCORD	LERDO 30%																						
1376.5	100		BEARDSLEY 70%																						
		CALLOWAY	CENTRAL 20%	1416										1416					1715	133					
2226.5	850		NKWSD 80%																						
		RAILROAD	KCC&W Co. 20%																						
2426.5	200		NKWSD 80%																						
2516.5	90	BUENA VISTA (2-ND)																							
2696.5	180	JAMES (2-ND)																							
2866.5	170	PIONEER (2-ND)																							
3106.5	240	BEARDSLEY (3-RD)																							
3162.5	56	KERN ISLAND (2-ND)																							
		ROSEDALE RBWSD																							
		TRUXTUN LAKES		232										232											
		LAKE MING														16									
		KERN VALLEY GOLF COURSE														2									
		CALIFORNIA WATER SERVICE CO.														36									
		OLCESE WD														18									
		BVWSD VIA KDWD											73												
		HACIENDA WD FOR ID4											307						83	18					
		NKWSD FOR RRID											139												
		NKWSD FOR ID4											1753												
TOTALS	72			16875	18464	6985	6985	0	6294	1230	10879	61	3809	1860	6168	499	9817	140	1917	476					
		LOSS		3071	676														2393						
FLOW AT FIRST POINT	72			19946	19140																				

TOTAL CHANGE IN STORAGE = -956

NOTES:

Kern Island Exch. Less: from BVWSD=	73
Lerdo (NKWSD): City for NKWSD (Misc.)=	185
Lerdo (NKWSD): City for CWD (Misc.)=	242
Cally. Exch. Less: Kern Island for ID4=	956
River Loss: Kern Island for ID4=	425
Truxtun Lakes: Kern Island for ID4=	156
Cally. Exch. Less: HWD for ID4=	176
River Loss: HWD for ID4=	101
Truxtun Lakes: HWD for ID4=	30
Cally. Exch. Less: NKWSD for ID4=	284
River Loss: NKWSD for ID4=	1423
Truxtun Lakes: NKWSD for ID4=	46

CITY OF BAKERSFIELD
KERN RIVER FIRST POINT FLOW AND DIVERSION RECORD

Date: February 2000 Recap

COMPUTED NATURAL FLOW AT FIRST POINT.....	35096
LESS NON-CONTRIBUTING CANALS.....	17256
FOR OTHERS AND FIRST POINT CANALS.....	17840
TO BE CONTRIBUTED BY OTHER CANALS.....	681
TO BE USED BY OTHER CANALS.....	17159
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%).....	2
B.V.W.S.D. ENTITLEMENT.....	46
SEEPAGE LOSS.....	633
KERN RIVER CONDUIT ENTITLEMENT.....	0
HACIENDA W.D. ENTITLEMENT AT FIRST POINT.....	0
TOTAL.....	681

DIVERSION RIGHT				GROSS	GROSS	RELEASES			ENTITLEMENT LESS RELEASES ... OR PLUS DISTRIBUTED RELEASES				EXCHANGES, SALES OR PURCHASES		NET DIVERSIONS				WATER TRANS. LOSS	
RIVER STAGE	AMT.	NAME OF CANAL		DIV'R	ENT'L	To River	Distribution Direct	Distribution Pro	NKWSD	KCC&W Co.	KDWD	OTHER	PLUS	LESS	NKWSD	KCC&W Co.	KDWD	OTHER	DIR	PRO
		K.C.L. Co. ENT'L @ 2ND PT.			2				2											
300.0	300	KERN ISLAND (1-ST)		6615	17256	7348					9908		533	34			7114			145
		EASTSIDE		56										56			0			
		KERN RIVER CONDUIT																		
320.0	20	CASTRO			268		20													
		KCC&W Co.			748		115			1151			3844	2					4	
330.5	10.5	SOUTH FORK			529	442						87								
410.5	80	BUENA VISTA (1-ST)		1577	3223	1312	524				2435						1577			220
530.5	120	JAMES (1-ST)			4217		1712		5929											
550.5	20	ANDERSON (1-ST)			649		65		714											
700.5	150	STINE			3606	2693					913						0			
730.5	30	MEACHAM			305		766		1071											
880.5	150	FARMERS		149	1170	658	115				627			14			135			
920.5	40	PLUNKET			234		1194		1428											
960.5	40	JOYCE			234		1194		1428											
1000.5	40	JOHNSON			234		1194		1428											
1130.5	130	PIONEER (1-ST)			637		3537		4148	26										
1190.5	60	BEARDSLEY (1-ST)		46	232	30	18					220						46		
		LERDO (NKWSD)		5730									2	4209	4780	474		111		
1200.5	10	ANDERSON (2-ND)			40		179		181	38										
1240.5	40	JAMES & DIXON			157		466		387	236										
1250.5	10	WILSON			24		38													
		KCC&W Co.			16		24			102										
1276.5	26	McCAFFREY			63		190		154	99										
		McCORD	LERDO 30%		58		180		178	60										
1376.5	100		BEARDSLEY 70%		135	38						97								
		CALLOWAY	CENTRAL 20%	1147	75		196			271				1119		28			660	341
2226.5	850		NKWSD 80%	97	305		794		429	670					97					
		RAILROAD	KCC&W Co. 20%																	
2426.5	200		NKWSD 80%																	
2516.5	90	BUENA VISTA (2-ND)																		
2696.5	180	JAMES (2-ND)																		
2866.5	170	PIONEER (2-ND)																		
3106.5	240	BEARDSLEY (3-RD)																		
3162.5	56	KERN ISLAND (2-ND)																		
		ROSEDALE RBWSD																	3112	2
		TRUXTUN LAKES		202										194		8				
		LAKE MING														16				
		KERN VALLEY GOLF COURSE																		
		CALIFORNIA WATER SERVICE CO.														30				
		OLCESE WD														7				
		BVWSD VIA KDWD											104							
		BVWSD VIA CWD											60							
		ARVIN-EDISON TURNOUT		2588												2588				
		NKWSD FOR CWD											305							
		NKWSD FOR ID4											1781							
TOTALS			53	18207	34417	12521	12521	0	17477	2653	13883	404	6629	5628	4877	3151	8826	157	3776	708
		LOSS		5113	633														4484	
FLOW AT FIRST POINT			53	23320	35050															

ISABELLA RESERVOIR				
IN	PREVIOUS BALANCE	LOSS	OUT	CURRENT BALANCE
2649	2500	16	0	5133
226	7306	36	0	7496
87	600		0	687
638	1500	8	0	2130
913	489	4	0	1398
492	101	2	0	591
188	6071	30	28	6201
6839	53256	263	167	59665
12032	71823	359	195	83301

TOTAL CHANGE IN STORAGE = 11478

NOTES:

Kern Island Exch. Less: from BVWSD=	34
Eastside Exch. Less: from BVWSD=	56
Farmers Exch. Less: from BVWSD=	14
KCC&W Exch. PLus: NKWSD to City (B/P)=	3844
Lerdo (NKWSD): City for NKWSD (Misc.)=	474
Lerdo Exch. Plus: City for NKWSD (Misc.)=	2
River Loss: City to RRBWSD (ID4)=	3114
Truxtun Lakes: City to RRBWSD (ID4)=	8
Cally. (Central): City to RRBWSD (ID4)=	28
Arvin-Edison T.O.: City to RRBWSD (ID4)=	2588
Cally. Exch. Less: Kern Island for ID4=	285
River Loss: Kern Island for ID4=	188
Truxtun Lakes: Kern Island for ID4=	60
Cally. Exch. Less: North Kern for ID4=	834
River Loss: North Kern for ID4=	813
Truxtun Lakes: North Kern for ID4=	134

NKWSD/KCC&W Co. Ent'l: Reflects release to City (due to inability to divert natural flow ent'l)= 1129

CITY OF BAKERSFIELD
KERN RIVER FIRST POINT FLOW AND DIVERSION RECORD

Date: March 2000 Recap

COMPUTED NATURAL FLOW AT FIRST POINT.....	50176
LESS NON-CONTRIBUTING CANALS.....	18119
FOR OTHERS AND FIRST POINT CANALS.....	32057
TO BE CONTRIBUTED BY OTHER CANALS.....	29501
TO BE USED BY OTHER CANALS.....	2556
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%).....	301
B.V.W.S.D. ENTITLEMENT.....	10092
SEEPAGE LOSS.....	676
KERN RIVER CONDUIT ENTITLEMENT.....	18432
HACIENDA W.D. ENTITLEMENT AT FIRST POINT.....	0
TOTAL.....	29501

DIVERSION RIGHT				GROSS	GROSS	RELEASES			ENTITLEMENT LESS RELEASES ... OR PLUS DISTRIBUTED RELEASES				EXCHANGES, SALES OR PURCHASES		NET DIVERSIONS				WATER TRANS. LOSS		ISABELLA RESERVOIR				
RIVER STAGE	AMT.	NAME OF CANAL		DIV'R	ENT'L	To River	Distribution Direct	Distribution Pro	NKWSD	KCC&W Co.	KDWD	OTHER	PLUS	LESS	NKWSD	KCC&W Co.	KDWD	OTHER	DIR	PRO	IN	PREVIOUS BALANCE	LOSS	OUT	CURRENT BALANCE
		K.C.L. Co. ENT'L @ 2ND PT.			301				301																
300.0	300	KERN ISLAND (1-ST)		10312	18119	6254					11865		32	700			9644				1186	5133	60	48	6211
		EASTSIDE		1434										337		14	1083								
		KERN RIVER CONDUIT			18432					18432															
320.0	20	CASTRO			32		191						1000								1000	0	10	0	990
		KCC&W Co.			52		579			854			2408	3358					754		7916	7496	131	0	15281
330.5	10.5	SOUTH FORK		73	42	8	8					42						73			16	687		47	656
410.5	80	BUENA VISTA (1-ST)		737	333		740				1073		548	488			797				276	2130	24	0	2382
530.5	120	JAMES (1-ST)			488		3814		4302																
550.5	20	ANDERSON (1-ST)			83		458		541																
700.5	150	STINE		615	611	91					520		276	891			0				520	1398	16	0	1902
730.5	30	MEACHAM			125		555		680																
880.5	150	FARMERS		1022	605	91					514		16	1038			0				514	591	8	0	1097
920.5	40	PLUNKET			121		99		220																
960.5	40	JOYCE			60				60																
1000.5	40	JOHNSON			4				4																
1130.5	130	PIONEER (1-ST)																							
1190.5	60	BEARDSLEY (1-ST)		526														526			0	6201	65	526	5610
		LERDO (NKWSD)		7888									3358	3988	5513	1795					3439	59665	664	3366	59074
1200.5	10	ANDERSON (2-ND)																							
1240.5	40	JAMES & DIXON																							
1250.5	10	WILSON																							
		KCC&W Co.																							
1276.5	26	McCAFFREY																							
		McCORD LERDO 30%																							
1376.5	100	BEARDSLEY 70%																							
		CALLOWAY CENTRAL 20%		1843												1843			726						
2226.5	850	NKWSD 80%																							
		RAILROAD KCC&W Co. 20%																							
2426.5	200	NKWSD 80%																							
2516.5	90	BUENA VISTA (2-ND)																							
2696.5	180	JAMES (2-ND)																							
2866.5	170	PIONEER (2-ND)																							
3106.5	240	BEARDSLEY (3-RD)																							
3162.5	56	KERN ISLAND (2-ND)																							
		ROSEDALE RBWSD		1771												1771			3249						
		TRUXTUN LAKES		163												163									
		LAKE MING														44									
		KERN VALLEY GOLF COURSE														8									
		CALIFORNIA WATER SERVICE CO.														37									
		OLCESE WD														14									
		GLEN GRUNDEIS														2									
		BVWSD VIA KDWD											3454												
		ARVIN-EDISON TURNOUT		292										292											
		NKWSD FOR ID4											472						472						
TOTALS			105	26676	39408	6444	6444	0	6108	19286	13972	42	11564	11092	5513	5691	11524	599	5201	0	14867	83301	978	3987	93203
		LOSS		5877	676														5201						
FLOW AT FIRST POINT			105	32553	40084																				

TOTAL CHANGE IN STORAGE = 9902

NOTES:

Kern Island Exch. Less: from BVWSD=	700
Eastside Exch. Less: from BVWSD=	337
City via Eastside (Misc.)=	14
Buena Vista Exch. Less: from BVWSD=	488
Stine Exch. Less: from BVWSD=	891
Farmers Exch. Less: from BVWSD=	1038
RRBWSD: City to RRBWSD=	1771
River Loss: City to RRBWSD (ID4)=	3249
Lerdo Exch. Less: KDWD via NKWSD=	580
Lerdo Exch. Plus: City to NKWSD (B/P)=	3358
Lerdo (NKWSD): City to CWD (Basic)=	1613
Lerdo (NKWSD): City to NKWSD (B/P)=	182
Lerdo Exch. Less: NKWSD to City for ID4=	1000
KCC&W Exch. Plus: NKWSD to City (B/P)=	2408
River Loss: NKWSD for ID4=	472
Cally. (Central): City to K-TWD=	1603
Cally. (Central): City to RGWD=	240
River Loss: City to K-TWD=	631
River Loss: City to RGWD=	95
Truxtun Lakes: City to K-TWD=	141
Truxtun Lakes: City to RGWD=	22
Arvin-Edison T.O.: KDWD from BVWSD=	292

CITY OF BAKERSFIELD
KERN RIVER FIRST POINT FLOW AND DIVERSION RECORD

Date: April 2000 Recap

COMPUTED NATURAL FLOW AT FIRST POINT.....	67388
LESS NON-CONTRIBUTING CANALS.....	17851
FOR OTHERS AND FIRST POINT CANALS.....	49537
TO BE CONTRIBUTED BY OTHER CANALS.....	35301
TO BE USED BY OTHER CANALS.....	14236
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%).....	750
B.V.W.S.D. ENTITLEMENT.....	15759
SEEPAGE LOSS.....	655
KERN RIVER CONDUIT ENTITLEMENT.....	18137
HACIENDA W.D. ENTITLEMENT AT FIRST POINT.....	0
TOTAL.....	35301

DIVERSION RIGHT				GROSS	GROSS	RELEASES			ENTITLEMENT LESS RELEASES ... OR PLUS DISTRIBUTED RELEASES				EXCHANGES, SALES OR PURCHASES		NET DIVERSIONS				WATER TRANS. LOSS	
RIVER STAGE	AMT.	NAME OF CANAL		DIV'R	ENT'L	To River	Distribution Direct	Distribution Pro	NKWSD	KCC&W Co.	KDWD	OTHER	PLUS	LESS	NKWSD	KCC&W Co.	KDWD	OTHER	DIR	PRO
		K.C.L. Co. ENT'L @ 2ND PT.			750				750											
300.0	300	KERN ISLAND (1-ST)		12186	17851	543					17308			693			11493			
		EASTSIDE		1662										390		8	1264			
		KERN RIVER CONDUIT			18137					18137										
320.0	20	CASTRO			93		58						1000							
		KCC&W Co.			232		168			551			150	379					1007	
330.5	10.5	SOUTH FORK		38	171	20						151						38		
410.5	80	BUENA VISTA (1-ST)		1603	1309	145					1164		24	1627			0			
530.5	120	JAMES (1-ST)			1969		885		2854											
550.5	20	ANDERSON (1-ST)			325		63		388											
700.5	150	STINE		34	2468	274					2194		1830	1864			0			
730.5	30	MEACHAM			490		60		550											
880.5	150	FARMERS		499	2468	274					2194		455	954			0			
920.5	40	PLUNKET			638		22		660											
960.5	40	JOYCE			615				615											
1000.5	40	JOHNSON			573				573											
1130.5	130	PIONEER (1-ST)			1535				1535											
1190.5	60	BEARDSLEY (1-ST)		1365	505							505		150				1365		
		LERDO (NKWSD)		20878									379	1964	15915	3787		212		
1200.5	10	ANDERSON (2-ND)			58				58											
1240.5	40	JAMES & DIXON			184				184											
1250.5	10	WILSON			16															
		KCC&W Co.			16					32										
1276.5	26	McCAFFREY			77				77											
		McCORD	LERDO 30%		87				87											
1376.5	100		BEARDSLEY 70%		204							204								
		CALLOWAY	CENTRAL 20%	2471	42					42						2471			1097	
2226.5	850		NKWSD 80%		161				161											
		RAILROAD	KCC&W Co. 20%																	
2426.5	200		NKWSD 80%																	
2516.5	90	BUENA VISTA (2-ND)																		
2696.5	180	JAMES (2-ND)																		
2866.5	170	PIONEER (2-ND)																		
3106.5	240	BEARDSLEY (3-RD)																		
3162.5	56	KERN ISLAND (2-ND)																		
		ROSEDALE RBWSD																		
		TRUXTUN LAKES		165												165				
		LAKE MING														60				
		KERN VALLEY GOLF COURSE														18				
		CALIFORNIA WATER SERVICE CO.														72				
		OLCESE WD														49				
		BVWSD VIA KDWD											5528							
		BVWSD VIA CWD											940							
		ARVIN-EDISON TURNOUT		2285										2285						
TOTALS			199	43186	50974	1256	1256	0	8492	18762	22860	860	10306	10306	15916	6630	12757	1615	2104	0
		LOSS		2761	655														2104	
FLOW AT FIRST POINT			199	45947	51629															

ISABELLA RESERVOIR				
IN	PREVIOUS BALANCE	LOSS	OUT	CURRENT BALANCE
4551	6211	144	0	10618
1000	990	36	0	1954
9799	15281	365	0	24715
131	656		18	769
1164	2382	52	0	3494
2194	1902	52	0	4044
2194	1097	38	0	3253
81	5610	89	1099	4503
1230	59074	963	9274	50067
22344	93203	1739	10391	103417

TOTAL CHANGE IN STORAGE = 10214

NOTES:

Kern Island Exch. Less: from BVWSD=	693
Eastside Exch. Less: from BVWSD=	390
City via Eastside (Misc.)=	8
Buena Vista Exch. Less: from BVWSD=	1627
Stine Exch. Less: from BVWSD=	1864
Farmers Exch. Less: from BVWSD=	954
Lerdo Exch. Less: BVWSD via CWD=	940
Lerdo Exch. Less: KDWD via NKWSD=	24
Lerdo Exch. Plus: City to NKWSD (B/P)=	379
Lerdo (NKWSD): City to CWD (Basic)=	3787
Lerdo (NKWSD)- Other: KRC&I 30% Ent'l=	212
Lerdo Exch. Less: NKWSD to City for ID4=	1000
Beardsley Exch. Less: KRC&I to City=	150
Cally. (Central): City to K-TWD=	2148
Cally. (Central): City to RGWD=	323
River Loss: City to K-TWD=	954
River Loss: City to RGWD=	143
Truxtun Lakes: City to K-TWD=	143
Truxtun Lakes: City to RGWD=	22
Arvin-Edison T.O.: KDWD from BVWSD=	2285

CITY OF BAKERSFIELD
KERN RIVER FIRST POINT FLOW AND DIVERSION RECORD

Date: May 2000 Recap

COMPUTED NATURAL FLOW AT FIRST POINT.....	129406
LESS NON-CONTRIBUTING CANALS.....	18446
FOR OTHERS AND FIRST POINT CANALS.....	110960
TO BE CONTRIBUTED BY OTHER CANALS.....	61671
TO BE USED BY OTHER CANALS.....	49289
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%).....	1747
B.V.W.S.D. ENTITLEMENT.....	36466
SEEPAGE LOSS.....	676
KERN RIVER CONDUIT ENTITLEMENT.....	22782
HACIENDA W.D. ENTITLEMENT AT FIRST POINT.....	0
TOTAL.....	61671

DIVERSION RIGHT				GROSS	GROSS	RELEASES			ENTITLEMENT LESS RELEASES ... OR PLUS DISTRIBUTED RELEASES				EXCHANGES, SALES OR PURCHASES		NET DIVERSIONS				WATER TRANS. LOSS	
RIVER STAGE	AMT.	NAME OF CANAL		DIV'R	ENT'L	To River	Distribution Direct	Distribution Pro	NKWSD	KCC&W Co.	KDWD	OTHER	PLUS	LESS	NKWSD	KCC&W Co.	KDWD	OTHER	DIR	PRO
		K.C.L. Co. ENT'L @ 2ND PT.			1747				1747											
300.0	300	KERN ISLAND (1-ST)		11405	18446						18446			976			10429			
		EASTSIDE		2529										593		93	1843			
		KERN RIVER CONDUIT			22782					22782										
320.0	20	CASTRO			123		28						2000							
		KCC&W Co.			403		71			625			143						1267	
330.5	10.5	SOUTH FORK		85	289		28					317						85		
410.5	80	BUENA VISTA (1-ST)		1587	2137		22				2159			1587			0			
530.5	120	JAMES (1-ST)			3211				3211											
550.5	20	ANDERSON (1-ST)			526				526											
700.5	150	STINE		103	4011						4011						103			
730.5	30	MEACHAM			807				807											
880.5	150	FARMERS		994	4011	149					3862						994			
920.5	40	PLUNKET			1067				1067											
960.5	40	JOYCE			1067				1067											
1000.5	40	JOHNSON			1067				1067											
1130.5	130	PIONEER (1-ST)			3477				3477											
1190.5	60	BEARDSLEY (1-ST)		1521	1601							1601		143				1521		
		LERDO (NKWSD)		24500										5668	14392	5400		1040		
1200.5	10	ANDERSON (2-ND)			282				282											
1240.5	40	JAMES & DIXON			1067				1067											
1250.5	10	WILSON			159															
		KCC&W Co.			123					282										
1276.5	26	McCAFFREY			694				694											
		McCORD LERDO 30%			780				780											
1376.5	100	BEARDSLEY 70%			1825							1825				3104			857	
		CALLOWAY CENTRAL 20%		3104	3281					3281										
2226.5	850	NKWSD 80%			13133				13133											
		RAILROAD KCC&W Co. 20%			368					368										
2426.5	200	NKWSD 80%			1443				1443											
2516.5	90	BUENA VISTA (2-ND)			665						665									
2696.5	180	JAMES (2-ND)			1053				1053											
2866.5	170	PIONEER (2-ND)			579				579											
3106.5	240	BEARDSLEY (3-RD)			40							40								
3162.5	56	KERN ISLAND (2-ND)																		
		ROSEDALE RBWSD														137				
		TRUXTUN LAKES		137												77				
		LAKE MING														27				
		KERN VALLEY GOLF COURSE														104				
		CALIFORNIA WATER SERVICE CO.														107				
		OLCESE WD																		
													3156							
		BVWSD VIA KDWD											3668							
		BVWSD VIA CWD																		
TOTALS			315	45965	92264	149	149	0	32000	27338	29143	3783	8967	8967	14392	9049	13369	2646	2124	0
		LOSS		2799	676														2124	
FLOW AT FIRST POINT			315	48764	92940															

ISABELLA RESERVOIR				
IN	PREVIOUS BALANCE	LOSS	OUT	CURRENT BALANCE
6174	10618	325	0	16467
2000	1954	91	0	3863
16308	24715	770	0	40253
234	769		2	1001
2824	3494	111	0	6207
3908	4044	143	0	7809
2868	3253	121	0	6000
869	4503	115	107	5150
17357	50067	1313	1749	64362
52542	103417	2989	1858	151112

TOTAL CHANGE IN STORAGE = 47695

NOTES:

Kern Island Exch. Less: from BVWSD=	976
Eastside Exch. Less: from BVWSD=	593
City via Eastside (Misc.)=	93
Buena Vista Exch. Less: from BVWSD=	1587
Lerdo Exch. Less: BVWSD via CWD=	3668
Lerdo (NKWSD): City to CWD (Basic)=	5400
Lerdo (NKWSD): Other: KRC&I 30% Ent'l=	1040
Lerdo Exch. Less: NKWSD to City for ID4=	2000
Beardsley Exch. Less: KRC&I to City=	143
Cally. (Central): City to K-TWD=	2699
Cally. (Central): City to RGWD=	405
River Loss: City to K-TWD=	746
River Loss: City to RGWD=	111
Truxtun Lakes: City to K-TWD=	119
Truxtun Lakes: City to RGWD=	18

CITY OF BAKERSFIELD
KERN RIVER FIRST POINT FLOW AND DIVERSION RECORD

Date: June 2000 Recap

COMPUTED NATURAL FLOW AT FIRST POINT.....	81396
LESS NON-CONTRIBUTING CANALS.....	17851
FOR OTHERS AND FIRST POINT CANALS.....	63545
TO BE CONTRIBUTED BY OTHER CANALS.....	40602
TO BE USED BY OTHER CANALS.....	22943
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%).....	968
B.V.W.S.D. ENTITLEMENT.....	20235
SEEPAGE LOSS.....	655
KERN RIVER CONDUIT ENTITLEMENT.....	18744
HACIENDA W.D. ENTITLEMENT AT FIRST POINT.....	0
TOTAL.....	40602

DIVERSION RIGHT				GROSS	GROSS	RELEASES			ENTITLEMENT LESS RELEASES ... OR PLUS DISTRIBUTED RELEASES				EXCHANGES, SALES OR PURCHASES		NET DIVERSIONS				WATER TRANS. LOSS	
RIVER STAGE	AMT.	NAME OF CANAL		DIV'R	ENT'L	To River	Distribution Direct	Distribution Pro	NKWSD	KCC&W Co.	KDWD	OTHER	PLUS	LESS	NKWSD	KCC&W Co.	KDWD	OTHER	DIR	PRO
		K.C.L. Co. ENT'L @ 2ND PT.			968				968											
300.0	300	KERN ISLAND (1-ST)		23177	17851						17851			942			22235			
		EASTSIDE		3148										696		22	2430			
		KERN RIVER CONDUIT			18744					18744										
320.0	20	CASTRO			101		60						2000							
		KCC&W Co.			280		154			595			105	6081					3096	
330.5	10.5	SOUTH FORK		149	203		58					261						149		
410.5	80	BUENA VISTA (1-ST)		4143	1515		12				1527			1811			2332			
530.5	120	JAMES (1-ST)			2281				2281											
550.5	20	ANDERSON (1-ST)			381				381											
700.5	150	STINE		4646	2851						2851			26			4620			
730.5	30	MEACHAM			563				563											
880.5	150	FARMERS		3282	2787	284					2503						3282			
920.5	40	PLUNKET			708				708											
960.5	40	JOYCE			698				698											
1000.5	40	JOHNSON			688				688											
1130.5	130	PIONEER (1-ST)			2178				2178											
1190.5	60	BEARDSLEY (1-ST)		1468	931							931		105				1468		
		LERDO (NKWSD)		27848									6081	9483	14422	5400		543		
1200.5	10	ANDERSON (2-ND)			141				141											
1240.5	40	JAMES & DIXON			575				575											
1250.5	10	WILSON			75															
		KCC&W Co.			65					140										
1276.5	26	McCAFFREY			369				369											
		McCORD LERDO 30%			373				373											
1376.5	100	BEARDSLEY 70%			881							881								
		CALLOWAY CENTRAL 20%		3644	861					861						3644			184	
2226.5	850	NKWSD 80%			3438				3438											
		RAILROAD KCC&W Co. 20%																		
2426.5	200	NKWSD 80%																		
2516.5	90	BUENA VISTA (2-ND)																		
2696.5	180	JAMES (2-ND)																		
2866.5	170	PIONEER (2-ND)																		
3106.5	240	BEARDSLEY (3-RD)																		
3162.5	56	KERN ISLAND (2-ND)																		
		ROSEDALE RBWSD																		
		TRUXTUN LAKES		226												226				
		LAKE MING														105				
		KERN VALLEY GOLF COURSE														32				
		CALIFORNIA WATER SERVICE CO.														119				
		OLCESE WD														114				
		BVWSD VIA KDWD											3590							
		BVWSD VIA CWD											7483							
		BVWSD FOR La HACIENDA, INC.											85	85						
		ARVIN-EDISON TURNOUT		272										115			157			
TOTALS			455	72003	60506	284	284	0	13361	20340	24732	2073	19344	19344	14422	9662	35056	2160	3280	0
		LOSS		3934	655														3280	
FLOW AT FIRST POINT			455	75937	61161															

ISABELLA RESERVOIR				
IN	PREVIOUS BALANCE	LOSS	OUT	CURRENT BALANCE
0	16467	346	6971	9150
2000	3863	158	0	5705
7347	40253	1039	5925	40636
134	1001		22	1113
121	6207	154	926	5248
12	7809	197	1781	5843
125	6000	161	904	5060
212	5150	139	516	4707
8375	64362	1900	5355	65482
18326	151112	4094	22400	142944

TOTAL CHANGE IN STORAGE = -8168

NOTES:

Kern Island Exch. Less: from BVWSD=	942
Kern Island via Arvin-Edison Turnout=	157
Eastside Exch. Less: from BVWSD=	696
City via Eastside (Misc.)=	22
Buena Vista Exch. Less: from BVWSD=	1811
Stine Exch. Less: from BVWSD=	26
Lerdo Exch. Less: BVWSD via CWD=	7483
Lerdo Exch. Plus: City to NKWSD (B/P)=	6081
Lerdo (NKWSD): City to CWD (Basic)=	5400
Lerdo (NKWSD)- Other: KRC&I 30% Ent'l=	543
Lerdo Exch. Less: NKWSD to City for ID4=	2000
Beardsley Exch. Less: KRC&I to City=	105
Cally. (Central): City to K-TWD=	3169
Cally. (Central): City to RGWD=	475
River Loss: City to K-TWD=	160
River Loss: City to RGWD=	24
Truxtun Lakes: City to K-TWD=	196
Truxtun Lakes: City to RGWD=	30
Arvin-Edison T.O.: KDWD from BVWSD=	115

CITY OF BAKERSFIELD
KERN RIVER FIRST POINT FLOW AND DIVERSION RECORD

Date: July 2000 Recap

COMPUTED NATURAL FLOW AT FIRST POINT.....	28306
LESS NON-CONTRIBUTING CANALS.....	18446
FOR OTHERS AND FIRST POINT CANALS.....	9860
TO BE CONTRIBUTED BY OTHER CANALS.....	9860
TO BE USED BY OTHER CANALS.....	0
EACH OTHER CANAL TO RECEIVE.....	N/A % OF IT'S DIVERSION RIGHT

QUANTITIES IN: ACRE-FEET

K.C.L. CO. ENTITLEMENT AT SECOND POINT (4.563%).....	149
B.V.W.S.D. ENTITLEMENT.....	3136
SEEPAGE LOSS.....	676
KERN RIVER CONDUIT ENTITLEMENT.....	5899
HACIENDA W.D. ENTITLEMENT AT FIRST POINT.....	0
TOTAL.....	9860

DIVERSION RIGHT				GROSS DIV'R	GROSS ENT'L	RELEASES			ENTITLEMENT LESS RELEASES ... OR PLUS DISTRIBUTED RELEASES				EXCHANGES, SALES OR PURCHASES		NET DIVERSIONS				WATER TRANS. LOSS	
RIVER STAGE	AMT.	NAME OF CANAL				To River	Distribution Direct	Distribution Pro	NKWSD	KCC&W Co.	KDWD	OTHER	PLUS	LESS	NKWSD	KCC&W Co.	KDWD	OTHER	DIR	PRO
		K.C.L. Co. ENT'L @ 2ND PT.			149				149											
300.0	300	KERN ISLAND (1-ST)		23040	18446						18446			1831			21209			
		EASTSIDE		2858										906			1952			
		KERN RIVER CONDUIT			5899					5899										
320.0	20	CASTRO											2000							
		KCC&W Co.											60	10000					3201	
330.5	10.5	SOUTH FORK		155														155		
410.5	80	BUENA VISTA (1-ST)		4663										1363			3300			
530.5	120	JAMES (1-ST)																		
550.5	20	ANDERSON (1-ST)															4367			
700.5	150	STINE		4367																
730.5	30	MEACHAM															3725			
880.5	150	FARMERS		3725																
920.5	40	PLUNKET																		
960.5	40	JOYCE																		
1000.5	40	JOHNSON																		
1130.5	130	PIONEER (1-ST)												60				1781		
1190.5	60	BEARDSLEY (1-ST)		1781									10000	9351	15343	5400				
		LERDO (NKWSD)		28094																
1200.5	10	ANDERSON (2-ND)																		
1240.5	40	JAMES & DIXON																		
1250.5	10	WILSON																		
		KCC&W Co.																		
1276.5	26	McCAFFREY																		
		McCORD	LERDO 30%																	
1376.5	100		BEARDSLEY 70%													3860			147	
		CALLOWAY	CENTRAL 20%	3860																
2226.5	850		NKWSD 80%																	
		RAILROAD	KCC&W Co. 20%																	
2426.5	200		NKWSD 80%																	
2516.5	90	BUENA VISTA (2-ND)																		
2696.5	180	JAMES (2-ND)																		
2866.5	170	PIONEER (2-ND)																		
3106.5	240	BEARDSLEY (3-RD)																		
3162.5	56	KERN ISLAND (2-ND)																		
		ROSEDALE RBWSD																		
		TRUXTUN LAKES		272													272			
		LAKE MING															127			
		KERN VALLEY GOLF COURSE															36			
		CALIFORNIA WATER SERVICE CO.															134			
		OLCESE WD															123			
		BVWSD VIA KDWD											4100							
		BVWSD VIA CWD											7351							
		BVWSD FOR La HACIENDA, INC.											93	93						
		ARVIN-EDISON TURNOUT		1811													1811			
TOTALS			513	74626	24494	0	0	0	149	5899	18446	0	23604	23604	15343	9952	36364	1936	3348	0
		LOSS		4025	676														3348	
FLOW AT FIRST POINT			513	78651	25170															

ISABELLA RESERVOIR				
IN	PREVIOUS BALANCE	LOSS	OUT	CURRENT BALANCE
0	9150	179	6526	2445
2000	5705	261	0	7444
0	40636	944	17341	22351
0	1113		155	958
0	5248	127	3300	1821
0	5843	119	4367	1357
0	5060	107	3725	1228
0	4707	127	1841	2739
7665	65482	2232	14859	56056
9665	142944	4096	52114	96399

TOTAL CHANGE IN STORAGE = -46545

NOTES:

Kern Island Exch. Less: from BVWSD=	1831
Kern Island via Arvin-Edison Turnout=	1811
Eastside Exch. Less: from BVWSD=	906
Buena Vista Exch. Less: from BVWSD=	1363
Lerdo Exch. Less: BVWSD via CWD=	7351
Lerdo (NKWSD): City to CWD (Basic)=	5400
Lerdo Exch. Plus: City to NKWSD (Basic)=	10000
Lerdo Exch. Less: NKWSD to City for ID4=	2000
Beardsley Exch. Less: KRC&I to City=	60
Cally. (Central): City to K-TWD=	3356
Cally. (Central): City to RGWD=	504
River Loss: City to K-TWD=	127
River Loss: City to RGWD=	20
Truxtun Lakes: City to K-TWD=	238
Truxtun Lakes: City to RGWD=	34

CITY OF BAKERSFIELD
KERN RIVER FIRST POINT FLOW AND DIVERSION RECORD

Date: August 2000 Recap

COMPUTED NATURAL FLOW AT FIRST POINT.....	16610
LESS NON-CONTRIBUTING CANALS.....	15154
FOR OTHERS AND FIRST POINT CANALS.....	1456
TO BE CONTRIBUTED BY OTHER CANALS.....	1456
TO BE USED BY OTHER CANALS.....	0
EACH OTHER CANAL TO RECEIVE.....	N/A % OF IT'S DIVERSION RIGHT

QUANTITIES IN: ACRE-FEET

K.C.L. CO. ENTITLEMENT AT SECOND POINT (4.563%).....	14
B.V.W.S.D. ENTITLEMENT.....	307
SEEPAGE LOSS.....	676
KERN RIVER CONDUIT ENTITLEMENT.....	459
HACIENDA W.D. ENTITLEMENT AT FIRST POINT.....	0
TOTAL.....	1456

DIVERSION RIGHT			GROSS	GROSS	RELEASES			ENTITLEMENT LESS RELEASES ... OR PLUS DISTRIBUTED RELEASES				EXCHANGES, SALES OR PURCHASES		NET DIVERSIONS				WATER TRANS. LOSS		ISABELLA RESERVOIR				
RIVER STAGE	AMT.	NAME OF CANAL	DIV'R	ENT'L	To River	Distribution Direct	Distribution Pro	NKWSD	KCC&W Co.	KDWD	OTHER	PLUS	LESS	NKWSD	KCC&W Co.	KDWD	OTHER	DIR	PRO	IN	PREVIOUS BALANCE	LOSS	OUT	CURRENT BALANCE
		K.C.L. Co. ENT'L @ 2ND PT.		14				14																
300.0	300	KERN ISLAND (1-ST)	17785	15154						15154			2431			15354				1107	2445	40	2409	1103
		EASTSIDE	2237										1162		36	1039								
		KERN RIVER CONDUIT		459					459															
320.0	20	CASTRO										2838								2534	7444	390	93	9495
		KCC&W Co.										67	10000					1226		0	22351	272	20647	1432
330.5	10.5	SOUTH FORK	192														192			0	958		192	766
410.5	80	BUENA VISTA (1-ST)	2930										1125			1805				0	1821	16	1805	0
530.5	120	JAMES (1-ST)																						
550.5	20	ANDERSON (1-ST)																						
700.5	150	STINE	2857										1510			1347				0	1357	10	1347	0
730.5	30	MEACHAM																						
880.5	150	FARMERS	2426										1212			1214				0	1228	14	1214	0
920.5	40	PLUNKET																						
960.5	40	JOYCE																						
1000.5	40	JOHNSON																						
1130.5	130	PIONEER (1-ST)																						
1190.5	60	BEARDSLEY (1-ST)	1908										67				1908			0	2739	71	1975	693
		LERDO (NKWSD)	20232									10000	7905	9765	5400					7581	56056	2430	10170	51037
1200.5	10	ANDERSON (2-ND)																						
1240.5	40	JAMES & DIXON																						
1250.5	10	WILSON																		11222	96399	3243	39852	64526
		KCC&W Co.																						
1276.5	26	McCAFFREY																						
		McCORD LERDO 30%																						
1376.5	100	BEARDSLEY 70%																						
		CALLOWAY CENTRAL 20%	3856												3856			496						
2226.5	850	NKWSD 80%																						
		RAILROAD KCC&W Co. 20%																						
2426.5	200	NKWSD 80%																						
2516.5	90	BUENA VISTA (2-ND)																						
2696.5	180	JAMES (2-ND)																						
2866.5	170	PIONEER (2-ND)																						
3106.5	240	BEARDSLEY (3-RD)																						
3162.5	56	KERN ISLAND (2-ND)																						
		ROSEDALE RBWSD																						
		TRUXTUN LAKES	149												149									
		LAKE MING													121									
		KERN VALLEY GOLF COURSE													30									
		CALIFORNIA WATER SERVICE CO.													131									
		OLCESE WD													125									
		BVWSD VIA KDWD										7440												
		BVWSD VIA CWD										5067												
		ARVIN-EDISON TURNOUT	63													63								
TOTALS		407	54635	15627	0	0	0	14	459	15154	0	25412	25412	9765	9848	20822	2100	1722	0					
		LOSS	2397	676														1722						
FLOW AT FIRST POINT		407	57032	16303																				

TOTAL CHANGE IN STORAGE = -31873

NOTES:

Kern Island Exch. Less: from BVWSD=	2431
Kern Island via Arvin-Edison Turnout=	63
Eastside Exch. Less: from BVWSD=	1162
City via Eastside (Misc.)=	36
Buena Vista Exch. Less: from BVWSD=	1125
Stine Exch. Less: from BVWSD=	1510
Farmers Exch. Less: from BVWSD=	1212
Lerdo Exch. Less: BVWSD via CWD=	5067
Lerdo (NKWSD): City to CWD (Basic)=	5400
Lerdo Exch. Plus: City to NKWSD (Basic)=	10000
Lerdo Exch. Less: NKWSD to City for ID4=	2838
Beardsley Exch. Less: KRC&I to City=	67
Cally. (Central): City/ID4 Storage=	339
River Loss: City/ID4 Storage=	58
Cally. (Central): City to K-TWD=	3058
Cally. (Central): City to RGWD=	459
River Loss: City to K-TWD=	378
River Loss: City to RGWD=	60
Truxtun Lakes: City to K-TWD=	133
Truxtun Lakes: City to RGWD=	16

CITY OF BAKERSFIELD
KERN RIVER FIRST POINT FLOW AND DIVERSION RECORD

Date: September 2000 Recap

COMPUTED NATURAL FLOW AT FIRST POINT.....	10937
LESS NON-CONTRIBUTING CANALS.....	10282
FOR OTHERS AND FIRST POINT CANALS.....	655
TO BE CONTRIBUTED BY OTHER CANALS.....	655
TO BE USED BY OTHER CANALS.....	0
EACH OTHER CANAL TO RECEIVE.....	N/A % OF IT'S DIVERSION RIGHT

QUANTITIES IN: ACRE-FEET

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

DIVERSION RIGHT				GROSS DIV'R	GROSS ENT'L	RELEASES			ENTITLEMENT LESS RELEASES ... OR PLUS DISTRIBUTED RELEASES				EXCHANGES, SALES OR PURCHASES		NET DIVERSIONS				WATER TRANS. LOSS	
RIVER STAGE	AMT.	NAME OF CANAL				To River	Distribution Direct	Distribution Pro	NKWSD	KCC&W Co.	KDWD	OTHER	PLUS	LESS	NKWSD	KCC&W Co.	KDWD	OTHER	DIR	PRO
		K.C.L. Co. ENT'L @ 2ND PT.																		
300.0	300	KERN ISLAND (1-ST)		8380	10282	821					9461			349			8031			
		EASTSIDE		1307										1307						
		KERN RIVER CONDUIT																		
320.0	20	CASTRO					95						688							
		KCC&W Co.					284			379			38						1	
330.5	10.5	SOUTH FORK		117			138					138						117		
410.5	80	BUENA VISTA (1-ST)					304				304						0			
530.5	120	JAMES (1-ST)																		
550.5	20	ANDERSON (1-ST)															0			
700.5	150	STINE																		
730.5	30	MEACHAM															0			
880.5	150	FARMERS																		
920.5	40	PLUNKET																		
960.5	40	JOYCE																		
1000.5	40	JOHNSON																		
1130.5	130	PIONEER (1-ST)												38		733		649		
1190.5	60	BEARDSLEY (1-ST)		1382										5547	5799					
		LERDO (NKWSD)		10658																
1200.5	10	ANDERSON (2-ND)																		
1240.5	40	JAMES & DIXON																		
1250.5	10	WILSON																		
		KCC&W Co.																		
1276.5	26	McCAFFREY																		
		McCORD	LERDO 30%																	
1376.5	100		BEARDSLEY 70%													3342			692	
		CALLOWAY	CENTRAL 20%	3342																
2226.5	850		NKWSD 80%																	
		RAILROAD	KCC&W Co. 20%																	
2426.5	200		NKWSD 80%																	
2516.5	90	BUENA VISTA (2-ND)																		
2696.5	180	JAMES (2-ND)																		
2866.5	170	PIONEER (2-ND)																		
3106.5	240	BEARDSLEY (3-RD)																		
3162.5	56	KERN ISLAND (2-ND)																		
		ROSEDALE RBWSD																		
		TRUXTUN LAKES														91				
		LAKE MING														23				
		KERN VALLEY GOLF COURSE														104				
		CALIFORNIA WATER SERVICE CO.														86				
		OLCESE WD																		
													1656							
		BVWSD VIA KDWD											4859							
		BVWSD VIA CWD																		
TOTALS			304	25186	10282	821	821	0	0	379	9765	138	7241	7241	5799	4379	8031	766	693	0
		LOSS		1347	655														693	
FLOW AT FIRST POINT			304	26533	10937															

ISABELLA RESERVOIR

IN	PREVIOUS BALANCE	LOSS	OUT	CURRENT BALANCE
1662	1103	82	232	2451
0	9495	298	3346	5851
106	1432	74	727	737
92	766		71	787
304	0	6	0	298
0	0	0	0	0
0	0	0	0	0
0	693	6	687	0
0	51037	1732	6487	42818
2164	64526	2198	11550	52942

TOTAL CHANGE IN STORAGE = -11584

NOTES:

Kern Island Exch. Less: from BVWSD= 349
Eastside Exch. Less: from BVWSD= 1307

Lerdo Exch. Less: BVWSD via CWD= 4859

Lerdo Exch. Less: NKWSD to City for ID4= 688
Beardsley Exch. Less: KRC&I to City= 38

CITY OF BAKERSFIELD
KERN RIVER FIRST POINT FLOW AND DIVERSION RECORD

Date: October 2000 Recap

COMPUTED NATURAL FLOW AT FIRST POINT.....	12912
LESS NON-CONTRIBUTING CANALS.....	12236
FOR OTHERS AND FIRST POINT CANALS.....	676
TO BE CONTRIBUTED BY OTHER CANALS.....	676
TO BE USED BY OTHER CANALS.....	0
EACH OTHER CANAL TO RECEIVE.....	N/A % OF IT'S DIVERSION RIGHT

QUANTITIES IN: ACRE-FEET

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

DIVERSION RIGHT				GROSS	GROSS	RELEASES			ENTITLEMENT LESS RELEASES ... OR PLUS DISTRIBUTED RELEASES				EXCHANGES, SALES OR PURCHASES		NET DIVERSIONS				WATER TRANS. LOSS	
RIVER STAGE	AMT.	NAME OF CANAL		DIV'R	ENT'L	To River	Distribution Direct	Distribution Pro	NKWSD	KCC&W Co.	KDWD	OTHER	PLUS	LESS	NKWSD	KCC&W Co.	KDWD	OTHER	DIR	PRO
		K.C.L. Co. ENT'L @ 2ND PT.																		
300.0	300	KERN ISLAND (1-ST)		4943	12236	7270					4966			87			4856			
		EASTSIDE		676										676						
		KERN RIVER CONDUIT																		
320.0	20	CASTRO					307													
		KCC&W Co.					918			1225									-1	
330.5	10.5	SOUTH FORK					625					625								
410.5	80	BUENA VISTA (1-ST)					1226				1226									
530.5	120	JAMES (1-ST)					3797		3797											
550.5	20	ANDERSON (1-ST)					244		244											
700.5	150	STINE					153				153									
730.5	30	MEACHAM																		
880.5	150	FARMERS																		
920.5	40	PLUNKET																		
960.5	40	JOYCE																		
1000.5	40	JOHNSON																		
1130.5	130	PIONEER (1-ST)																		
1190.5	60	BEARDSLEY (1-ST)		1053												1053				
		LERDO (NKWSD)		9527										3840	5687					
1200.5	10	ANDERSON (2-ND)																		
1240.5	40	JAMES & DIXON																		
1250.5	10	WILSON																		
		KCC&W Co.																		
1276.5	26	McCAFFREY																		
		McCORD LERDO 30%																		
1376.5	100	BEARDSLEY 70%																		
		CALLOWAY CENTRAL 20%		2971												2971			494	
2226.5	850	NKWSD 80%																		
		RAILROAD KCC&W Co. 20%																		
2426.5	200	NKWSD 80%																		
2516.5	90	BUENA VISTA (2-ND)																		
2696.5	180	JAMES (2-ND)																		
2866.5	170	PIONEER (2-ND)																		
3106.5	240	BEARDSLEY (3-RD)																		
3162.5	56	KERN ISLAND (2-ND)																		
		ROSEDALE RBWSD																		
		TRUXTUN LAKES																		
		LAKE MING														65				
		KERN VALLEY GOLF COURSE														12				
		CALIFORNIA WATER SERVICE CO.														80				
		OLCESE WD														61				
		GLEN GRUNDEIS														2				
		BVWSD VIA KDWD											763							
		BVWSD VIA CWD											3840							
TOTALS			220	19170	12236	7270	7270	0	4041	1225	6345	625	4603	4603	5687	4244	4856	0	493	0
		LOSS		1170	676														493	
FLOW AT FIRST POINT			220	20340	12912															

ISABELLA RESERVOIR

IN	PREVIOUS BALANCE	LOSS	OUT	CURRENT BALANCE
110	2451	61	0	2500
0	5851	107	3465	2279
296	737	42	343	648
625	787		0	1412
1226	298	24	0	1500
153	0	0	0	153
0	0	0	0	0
0	0	0	0	0
1325	42818	1015	2971	40157
3735	52942	1249	6779	48649

TOTAL CHANGE IN STORAGE = -4293

NOTES:

Kern Island Exch. Less: from BVWSD= 87

Eastside Exch. Less: from BVWSD= 676

Lerdo Exch. Less: BVWSD via CWD= 3840

Cally. (Central): City/ID4 Storage= 2971

River Loss: City/ID4 Storage= 494

CITY OF BAKERSFIELD
KERN RIVER FIRST POINT FLOW AND DIVERSION RECORD

Date: November 2000 Recap

COMPUTED NATURAL FLOW AT FIRST POINT.....	12764
LESS NON-CONTRIBUTING CANALS.....	12109
FOR OTHERS AND FIRST POINT CANALS.....	655
TO BE CONTRIBUTED BY OTHER CANALS.....	655
TO BE USED BY OTHER CANALS.....	0
EACH OTHER CANAL TO RECEIVE.....	N/A % OF IT'S DIVERSION RIGHT

QUANTITIES IN: ACRE-FEET

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

DIVERSION RIGHT				GROSS	GROSS	RELEASES			ENTITLEMENT LESS RELEASES ... OR PLUS DISTRIBUTED RELEASES				EXCHANGES, SALES OR PURCHASES		NET DIVERSIONS				WATER TRANS. LOSS	
RIVER STAGE	AMT.	NAME OF CANAL		DIV'R	ENT'L	To River	Distribution Direct	Distribution Pro	NKWSD	KCC&W Co.	KDWD	OTHER	PLUS	LESS	NKWSD	KCC&W Co.	KDWD	OTHER	DIR	PRO
		K.C.L. Co. ENT'L @ 2ND PT.																		
300.0	300	KERN ISLAND (1-ST)		3118	12109	8987					3122			32			3086			
		EASTSIDE		135										135						
		KERN RIVER CONDUIT																		
320.0	20	CASTRO					297													
		KCC&W Co.					893			1190			1437							
330.5	10.5	SOUTH FORK					625					625		1437						
410.5	80	BUENA VISTA (1-ST)					22				22									
530.5	120	JAMES (1-ST)					6734		6734											
550.5	20	ANDERSON (1-ST)					323		323											
700.5	150	STINE					93				93									
730.5	30	MEACHAM																		
880.5	150	FARMERS																		
920.5	40	PLUNKET																		
960.5	40	JOYCE																		
1000.5	40	JOHNSON																		
1130.5	130	PIONEER (1-ST)															196			
1190.5	60	BEARDSLEY (1-ST)		196										1049	4106					
		LERDO (NKWSD)		5155																
1200.5	10	ANDERSON (2-ND)																		
1240.5	40	JAMES & DIXON																		
1250.5	10	WILSON																		
		KCC&W Co.																		
1276.5	26	McCAFFREY																		
		McCORD	LERDO 30%																	
1376.5	100		BEARDSLEY 70%											653		1878			470	
		CALLOWAY	CENTRAL 20%	2531																
2226.5	850		NKWSD 80%																	
		RAILROAD	KCC&W Co. 20%																	
2426.5	200		NKWSD 80%																	
2516.5	90	BUENA VISTA (2-ND)																		
2696.5	180	JAMES (2-ND)																		
2866.5	170	PIONEER (2-ND)																		
3106.5	240	BEARDSLEY (3-RD)																		
3162.5	56	KERN ISLAND (2-ND)																		
		ROSEDALE RBWSD																		
		TRUXTUN LAKES																		
		LAKE MING															42			
		KERN VALLEY GOLF COURSE															6			
		CALIFORNIA WATER SERVICE CO.															45			
		OLCESE WD															28			
		BVWSD VIA KDWD											167							
		BVWSD VIA CWD											1049							
		NKWSD FOR ID4											738							
TOTALS			121	11135	12109	8987	8987	0	7057	1190	3237	625	3391	3306	4106	2195	3086	0	470	0
		LOSS		1125	655														470	
FLOW AT FIRST POINT			121	12260	12764															

ISABELLA RESERVOIR

IN	PREVIOUS BALANCE	LOSS	OUT	CURRENT BALANCE
36	2500	36	0	2500
0	2279	16	2263	0
2310	648	38	0	2920
605	1412		1417	600
22	1500	22	0	1500
93	153	4	0	242
0	0	0	0	0
0	0	0	0	0
2229	40157	592	16	41778
5295	48649	708	3696	49540

TOTAL CHANGE IN STORAGE = 891

NOTES:

Kern Island Exch. Less: from BVWSD=	32
Eastside Exch. Less: from BVWSD=	135
Lerdo Exch. Less: BVWSD via CWD=	1049
Cally. (Central): City/ID4 Storage=	1878
River Loss: City/ID4 Storage=	385
Cally. Exch. Less: NKWSD for ID4=	653
River Loss: NKWSD for ID4=	85

CITY OF BAKERSFIELD
KERN RIVER FIRST POINT FLOW AND DIVERSION RECORD

Date: December 2000 Recap

COMPUTED NATURAL FLOW AT FIRST POINT.....	12688
LESS NON-CONTRIBUTING CANALS.....	12012
FOR OTHERS AND FIRST POINT CANALS.....	676
TO BE CONTRIBUTED BY OTHER CANALS.....	676
TO BE USED BY OTHER CANALS.....	0
EACH OTHER CANAL TO RECEIVE.....	N/A % OF IT'S DIVERSION RIGHT

QUANTITIES IN: ACRE-FEET

K.C.L. CO. ENTITLEMENT AT SECOND POINT (4.563%).....	0
B.V.W.S.D. ENTITLEMENT.....	0
SEEPAGE LOSS.....	675
KERN RIVER CONDUIT ENTITLEMENT.....	0
HACIENDA W.D. ENTITLEMENT AT FIRST POINT.....	0
TOTAL.....	675

DIVERSION RIGHT				GROSS	GROSS	RELEASES			ENTITLEMENT LESS RELEASES ... OR PLUS DISTRIBUTED RELEASES				EXCHANGES, SALES OR PURCHASES		NET DIVERSIONS				WATER TRANS. LOSS		ISABELLA RESERVOIR				
RIVER STAGE	AMT.	NAME OF CANAL		DIV'R	ENT'L	To River	Distribution Direct	Pro	NKWSD	KCC&W Co.	KDWD	OTHER	PLUS	LESS	NKWSD	KCC&W Co.	KDWD	OTHER	DIR	PRO	IN	PREVIOUS BALANCE	LOSS	OUT	CURRENT BALANCE
		K.C.L. Co. ENT'L @ 2ND PT.																							
300.0	300	KERN ISLAND (1-ST)		9215	12012	2777					9235			8			9207				1101	2500	28	1073	2500
		EASTSIDE																							
		KERN RIVER CONDUIT																							
320.0	20	CASTRO					119														0	0	0	0	0
		KCC&W Co.					357			476			118								339	2920	48	200	3011
330.5	10.5	SOUTH FORK		30			30					30						30			0	600		0	600
410.5	80	BUENA VISTA (1-ST)		6			26				26						6				20	1500	20	0	1500
530.5	120	JAMES (1-ST)					2140		2140																
550.5	20	ANDERSON (1-ST)					103		103																
700.5	150	STINE					2				2										2	242	4	0	240
730.5	30	MEACHAM																							
880.5	150	FARMERS																			0	0	0	0	0
920.5	40	PLUNKET																							
960.5	40	JOYCE																							
1000.5	40	JOHNSON																							
1130.5	130	PIONEER (1-ST)																							
1190.5	60	BEARDSLEY (1-ST)		246												246					0	0	0	0	0
		LERDO (NKWSD)		3374									6	431	3057						190	41778	535	3711	37722
1200.5	10	ANDERSON (2-ND)																							
1240.5	40	JAMES & DIXON																							
1250.5	10	WILSON																			1652	49540	635	4981	45573
		KCC&W Co.																							
1276.5	26	McCAFFREY																							
		McCORD	LERDO 30%																						
1376.5	100		BEARDSLEY 70%																						
		CALLOWAY	CENTRAL 20%	2073										2073					526						
2226.5	850		NKWSD 80%																						
		RAILROAD	KCC&W Co. 20%																						
2426.5	200		NKWSD 80%																						
2516.5	90	BUENA VISTA (2-ND)																							
2696.5	180	JAMES (2-ND)																							
2866.5	170	PIONEER (2-ND)																							
3106.5	240	BEARDSLEY (3-RD)																							
3162.5	56	KERN ISLAND (2-ND)																							
		ROSEDALE RBWSD																							
		TRUXTUN LAKES																							
		LAKE MING														26									
		KERN VALLEY GOLF COURSE														4									
		CALIFORNIA WATER SERVICE CO.														41									
		OLCESE WD														24									
		BVWSD TRANSFER TO 1ST PT. GRP.												10											
		BVWSD VIA KDWD											8												
		BVWSD VIA CWD											317												
		NKWSD FOR ID4											2599												
TOTALS			95	14944	12012	2777	2777	0	2243	476	9263	30	3048	2522	3057	341	9213	30	640	0					
		LOSS		1316	676														640						
FLOW AT FIRST POINT			95	16260	12688																				

TOTAL CHANGE IN STORAGE =	-3967

NOTES:

Kern Island Exch. Less: from BVWSD=	8
Lerdo Exch. Less: BVWSD via CWD=	317
KCC&W Exch. Plus: NKWSD to City (B/P)=	114
Cally Exch Less: NKWSD for ID4 =	2073
River Loss: NKWSD for ID4 =	526

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

ISABELLA RESERVOIR
KERN RIVER BASIN, CALIFORNIA
MIDNIGHT STORAGE

JANUARY

Units in acre-feet

Year	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
1954	318	318	318	318	318	319	319	319	319	318	318	319	318	318	318	317	318	319	328	322	318	317	317	425	564	371	359	354	353	348	347
1955	9669	9705	9751	9782	9828	9866	9897	9935	9981	10062	10103	10152	10160	10160	10177	10226	10209	10234	10209	10177	10177	10177	10168	10168	10168	10168	10168	10168	10168	10168	10177
1956	79823	80916	81717	82627	83262	83714	84353	84842	85218	85556	85932	86308	86729	87000	87350	87932	88358	88707	88978	89211	89521	89793	90181	90775	97873	103902	111558	114739	117165	118398	119727
1957	130263	130263	130213	130213	130162	130162	130162	130112	130062	130062	130062	130413	130413	130413	130363	130313	130313	130263	130263	130413	130413	130363	130313	130313	130413	130363	130263	130263	130213	130213	130263
1958	101413	101413	101370	101328	101328	101328	101328	101328	101286	101286	101244	101244	101201	101201	101159	101159	101117	101117	101074	101032	100990	100947	100947	101540	102302	103293	103728	103815	103815	103771	103711
1959	198047	197981	197916	197786	197786	198177	198112	198112	198112	198112	198112	198047	197916	197851	197786	197786	197721	197655	197655	197655	197590	197590	197525	197525	197460	197460	197395	197395	197199	197004	196874
1960	71575	71542	71509	71509	71542	71509	71509	71542	71542	71608	71805	71805	71838	71970	72036	72036	72036	72036	72036	72003	72036	72036	72003	72036	72036	72069	72069	72036	72036	72036	72003
1961	29101	29101	29082	29082	29082	29064	29064	29064	29045	29045	29027	29027	29010	29010	28992	28992	28974	28957	28957	28939	28921	28921	28903	28886	28886	28921	28939	28939	28921	28921	28903
1962	17524	17524	17511	17511	17498	17498	17486	17486	17486	17473	17448	17498	17498	17498	17486	17473	17473	17473	17524	17789	17827	17802	17751	17726	17688	17663	17650	17650	17650	17650	17650
1963	82849	82849	82811	82811	82744	82736	82736	82700	82663	82590	82590	82554	82518	82481	82445	82408	82408	82372	82336	82336	82299	82299	82299	82299	82263	82263	82226	82190	82263	82886	97873
1964	169983	169983	169922	169862	169801	169741	169621	169561	169502	169384	169384	169324	169206	169087	168909	168671	168552	168552	168552	168552	168849	169028	169028	169028	169028	169028	168968	168909	168849	168849	168790	168671
1965	118683	118920	119490	120011	120628	121352	122427	122964	123403	123647	123842	124037	124135	124135	124232	124330	124428	124575	124770	124965	125161	125307	125502	126598	127201	127602	127853	128104	128305	128456	128606
1966	171193	171073	170891	170709	170588	170467	170346	170164	170043	169982	169982	169982	169982	169982	169922	169922	169922	169922	169862	169862	169862	169801	169740	169740	169740	169680	169680	169680	169621	169680	169621
1967	309662	306252	302286	297531	293058	288301	283427	278678	274286	270475	266925	263707	260283	257110	253885	250831	247799	244640	241578	238680	236521	235445	234229	233515	232447	231027	229753	228483	227780	226132	229612
1968	199871	199806	199806	199740	199740	199740	199675	199675	199675	199937	200265	200134	200199	200199	200199	200330	200330	200265	200265	200265	200265	200265	200330	200330	200265	200199	200265	200199	200134	200068	200134
1969	124431	124381	124381	124381	124431	124431	124381	124431	124381	124332	124283	124283	124578	124824	125120	125120	125070	125465	131851	137772	146487	152658	155603	165291	208151	230248	239620	244933	248167	250386	251946
1970	225326	225256	225046	224767	224697	224627	224697	224767	225256	225955	226516	226796	226796	227007	227860	236103	243033	243982	245153	246106	246621	247062	247257	247799	248389	248463	248610	249054	248980	248832	248832
1971	172219	172582	172703	172703	172703	172763	172884	173127	173309	173430	173612	173916	174220	174524	174707	175011	175377	176050	176907	177890	178876	179432	179494	179494	179432	179309	179247	179185	179062	179062	179123
1972	122089	122089	122089	122040	121992	121992	122089	122089	122040	121992	121992	121992	121992	122040	122040	122040	122040	121992	121992	121943	121943	121943	121895	121847	121847	121798	121750	121702	121702	121702	121605
1973	55645	55617	55645	55674	55617	55533	55449	55702	56409	56693	56922	57122	57380	57610	57812	58830	60930	62743	64529	65247	65907	66476	66889	67016	67080	67399	67463	67527	67431	67367	67431
1974	206281	206347	206414	206347	206414	206747	207148	207281	207415	207549	207616	208151	208955	209425	209761	210434	212545	214428	215860	217022	218257	218807	219220	219633	219633	219978	219978	220047	220116	220116	219978
1975	223930	224000	223930	223930	224000	224139	224278	224627	224837	224837	225116	225116	225116	225046	224906	224906	224906	224906	224906	224906	224906	224906	224906	224767	224767	224488	224488	224418	224348	224139	223303
1976	170131	170131	170190	170131	170190	170309	170368	170487	170546	170784	170724	170843	170962	171021	171140	171140	171259	171438	171557	171498	171498	171557	171498	171557	171557	171617	171617	171319	170724	170427	170309
1977	67668	67897	67930	67930	67930	67864	67668	67636	67570	67505	67440	67375	67343	67278	67245	67180	67148	67115	67050	67018	67050	67018	67018	66953	66953	66888	66856	66824	66759	66727	66598
1978	44060	44228	44543	44858	45029	45520	45989	46238	46612	47317	47800	48081	48389	49062	51900	54573	57458	58985	60480	61604	62248	62680	63083	63332	63456	63581	63738	63769	63832	63894	63926
1979	244755	244458	244606	244904	245203	245128	245203	245203	245352	245054	245652	246251	246624	246924	247599	247675	247750	247675	247599	247449	247299	246999	246849	246474	246251	246101	245502	245652	245427	245427	245278
1980	208970	208970	208700	208496	208360	208292	208224	208292	208632	209719	211015	227232	250310	274831	283991	288715	291750	294307	295879	296959	297542	297956	298039	298123	297956	297625	297375	297542	298039	297873	297292
1981	229741	229669	229669	229741	229741	229741	229669	229597	229669	229669	229597	229669	229741	229741	229669	229813	229813	229813	229741	229741	229669	229669	229669	229526	229382	229166	229166	229669	231109	231182	231543
1982	168984	169461	169520	169819	171619	172160	172100	171920	171920	171920	172100	172160	172220	172220	172220	172220	172100	172039	172220	172625	172825	172885	172946	173067	173370	173611	173914	174097	174401	174522	174644
1983	261325	261170	260938	260628	260396	260319	260242	260087	260010	260164	260551	261015	261558	262099	262332	262177	262254	262177	262177	262177	261944	264120	268344	272210	275707	277705	281402	284397	287000	289125	290764
1984	312967	313823	314423	315536	316654	317340	317771	318375	318807	318720	319755	320015	319842	320101	319842	319755	320015	319842	319582	319409	319064	318977	318289	317254	315708	314251	311261	309475	307017	304991	302636
1985	244979	244829	244680	244383	244085	243787	244085	244458	244531	244458	244531	244309	243936	243787	243564	243117	242671	242302	241931	242153	242671	243117	243489	243862	244085	243862	243862	243787	243787	243862	244085
1986	195579	195645	195841	196627	198664	199916	200513	200579	200712	200845	201044	201244	201377	201576	201643	201709	201843	201976	201976	202174	202241	202374	202308	202308	202374	202374	202374	202374	202574	204246	205724
1987	244011	243936	244011	244531	244680	245278	245427	245427	245352	245352	245352	245352	245427	245352	245427	245352	245203	245278	245502	245502	245502	245427	245502	245427	245352	245278	245054	244904	244755	244680	244606
1988	143030	143303	143464	143731	144538	145023	144969	145077	144969	144862	144808	144700	144754	144700	144592	144700	144862	144969	144969	145023	145023	144915	144969	144915	144915	144862	144862	144808	144700	144538	144431
1989	73477	73444	73342	73275	73241	73342	73275	73208	73208	73208	73208	73174	72973	72939	72906	72839	72839	72872	72939	72939	72973	72906	72872	72872	72772	72705	72705	72671	72504	72303	72004
1990	85902	85978	85940	85940	85902	85940	85940	86015	86015	85978	85978	85978	86129	86167	86015	86015	85940	85940	85940	85902	85902	85940	86015	86091	86015	85940	85789	85638	85488	85376	85263
1991	45990	45966	46086	46279	46351	46279	46158	46110	46086	46062	46014	46014	45966	45990	45966	45942	45919	45942	45942	45990	45990	45990	45966	45990	45990	45966	45966	45942	45919	45895	45871
1992	89615	89499	89421	89421	89538	89538	89771	89693	89576	89499	89383	89383	89267	89189	89228	89228	89305	89305	89305	89228	89150	89112	89073	89034	88957	88918	88918	88918	88918	88918	88879
1993	82226	82226	82262	82226	82153	82189	84217	87764	88957	89460	89810	90122	90512	91219	91889	92404	92962	93962	94566	94849	96416	95945	96517	96927	97256	97503	97750	97967	98164	98289	98413
1994	242450	242450	242376	242228	242153	242079	242079	242005	242005	242005	242005	241931	242931	242931	241857	241783	241783	241708	241708	241634	241634	241560	241634	241560	241486	241338	241264	241190	241116	240968	240600
1995	115538	115538	115492	116281	116421	116468	116795	117075	117496	119288	121865	124041	125750	127229	129770	131432	132446	133108	133721	134131	134747	135211	135829	136555	137386	138430	139323	140113	140801	141436	142075
1996	246474	246474	246399	246326	246326	246326	246326	246251	246176	246101	246026	245951	245876	245801	245652	246774	249481	250009	251522	252127	252507	252811	252735	252963	253572	254027	254409	255096	255555	255860	256396
1997	253267	265992	301715	317599	327408	334267	339774	344518	348663	352286	355475	358861	361985	364569	367906	370602	373123	375559	377814	380549	383104	386429	392159	396487	404136	414614	421737	427018	430625	432936	434546
1998	242671	242820	243043	243266	243266	243117	243043	243043	243415	243787	244011	244383	244829	244755	245203	246924	247299	246474	245876	244829	244309	244011	243862	243638	243489	243340	243043	242599	242450	242228	242005
1999	244829	244904	244829	244829	244829	244755	244755	244829	244755	244755	244680	244606	244680	244755	244755	244680	244755	244829	245278	246849	247750	247675	247599	247825	248576	249103	249103	248953	248802	248726	248651
2000	168448	167854	167794	167735	167735	167676	167735	167735	167676	167616	167616	167616	167735	167794	167854	167854	167913	167972	167913	167676	167321	166907	166493	166729	167380	167735	167735	167557	167321	167203	167616
Max.	312967	313823	314423	317599	327408	334267	339774	344518	348663	352286	355475	358861	361985	364569	367906	370602	373123	375559	377814	380549	383104	386429	392159	396487	404136	414614	421737	427018	430625	432936	434546
Min.	318	318	318	318	318	319	319	319	319	318	318	319	318	318	318	317	318	319	328	322	318	317	317	425	564	371	359	354	353	348	347
Ave.	154191	154438	155149	155476	155737	155891	156032	156173	156276	156399	156586	157069	157693	158317	158673	159187	159612	159835	160187	160496	160832	161140	161428	161881	163222	164089	164609	164935	165146	165305	165756

ISABELLA RESERVOIR
KERN RIVER BASIN, CALIFORNIA
MIDNIGHT STORAGE

FEBRUARY

Units in acre-feet

Year	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
1954	344	342	340	336	336	335	333	335	336	333	332	334	534	510	397	380	377	388	375	368	365	363	357	353	351	350	346	344			
1955	10185	10160	10162	10152	10152	10152	10152	10160	10168	10177	10144	10144	10152	10161	10161	10193	11315	12134	12290	12392	12476	12559	12596	12606	12606	12606	12616	12626			
1956	120818	121596	122524	123208	123988	124770	125307	125845	126397	127050	127552	127954	128305	128506	128556	128606	128606	128656	128656	128707	128707	128707	128707	128707	128707	128707	128707	128606	128606		
1957	130263	130263	130213	130162	130162	130162	130313	130614	130715	130715	130815	130815	131021	131176	131279	131383	131486	131537	131537	131486	131486	131434	131537	131692	132362	132672	132826	133291			
1958	103771	104032	104119	104468	104773	104948	105122	105339	105470	105600	105644	105861	106123	106297	106471	106558	106689	106907	107395	107708	107931	108155	108379	108693	111696	113494	114416	114555			
1959	196678	196352	196222	196026	195831	195636	195571	195505	195375	195375	195571	195571	195701	195766	196092	196418	196808	197134	197264	197329	197329	197329	197264	197264	197264	197264	197264	197329			
1960	72849	75437	76031	76312	76454	76595	76700	77334	79896	80843	81535	82008	82372	82700	82924	83225	83413	83638	83864	84014	84127	84240	84353	84428	84503	84503	84503	84616	84729		
1961	28903	28886	28868	28868	28850	28833	28833	28833	28815	28815	28797	28780	28762	28762	28744	28744	28762	28709	28691	28691	28673	28656	28656	28656	28638	28638	28620	28620			
1962	17650	17638	17638	17638	17625	17613	17650	20332	23724	26937	31106	33986	35517	36644	37824	38994	39776	40449	41190	41789	42184	42627	42859	43138	43301	43371	43417	43394			
1963	127803	139518	144847	148359	150972	153046	154752	156287	157765	159911	161597	162876	164281	165468	166536	167426	168256	169026	169621	170346	170952	171436	171920	172404	172827	173312	173857	174280			
1964	168552	168434	168256	168019	167781	167544	167307	167070	166833	166595	166536	166476	166358	166239	166179	166179	166120	166061	166001	165883	165705	165408	165112	164756	164459	164162	163866	163631	163515		
1965	128757	128907	129058	129158	129309	129560	129660	129711	129711	129660	129610	129560	129510	129409	129309	129108	128857	128556	128205	127853	127251	126799	126347	125697	125063	124330	123988	123549			
1966	169680	169680	169680	169740	169982	170285	170406	170406	170406	170346	170224	170164	170164	170164	170104	170104	170104	170043	170043	169983	169983	169983	169922	169801	169502	169265	168909	168434			
1967	231665	233301	234801	236162	237527	238825	240199	241578	242815	244274	245813	247357	248980	250757	252170	253587	254633	255082	255608	255758	255758	255758	255532	255157	254708	254408	254184	253811			
1968	200068	200068	200068	200134	200002	199806	199675	199609	199675	199740	199806	199675	199544	199348	199086	198825	199348	199937	200068	200330	200658	201381	201908	202435	202831	203029	203162	203162	203162		
1969	253213	254409	255307	255983	256809	258543	259223	259904	260662	260586	259601	258845	257939	256584	256058	255532	254334	253064	251872	250312	248832	247062	246180	246841	251946	254708	255757	256358			
1970	249128	249349	249497	249720	249942	250164	250312	250535	250683	251277	251872	252244	252691	253288	253586	253810	254035	254334	254483	254633	254783	255008	255232	255532	255757	255983	256058	256734			
1971	179123	179123	179123	179062	178876	178876	178691	178506	178260	178013	177890	177706	177644	177521	177460	177460	177214	177030	176907	176907	176785	176478	176172	175622	175255	174768	174159	173551			
1972	121605	121557	121460	121412	121557	121702	121847	121798	121750	121702	121653	121557	121508	121412	121315	121122	121026	120833	120593	120401	120161	119970	119492	119015	118920	118540	118208	117736	117311		
1973	67495	67431	67367	67335	67463	67752	68170	68428	68558	68914	69926	70960	71712	72415	73022	73394	73768	74109	74417	74726	74932	75139	75381	75658	75832	76075	76354	77124			
1974	220047	220116	220116	219909	219909	219633	219427	219151	218738	218394	217845	217296	216954	216201	215587	214632	213952	212866	211784	210906	209828	208821	208084	207081	205814	204486	203624	202501			
1975	222886	222400	221637	221637	221499	221360	221084	220945	221084	221984	222192	222192	222261	222261	222192	222192	221984	221637	220807	220600	220254	219840	218669	217982	217091	216201	215177	214156			
1976	170131	169893	169420	169243	169065	169138	169302	169124	169716	169893	169953	169893	169834	169893	169893	169893	169953	169775	169953	170012	169953	169716	169302	169065	168711	168298	167769	167122	166829		
1977	66630	66598	66565	66533	66501	66436	66404	66276	66308	66308	66243	66179	66115	66051	65987	65922	65858	65794	65730	65571	65635	65698	65730	65698	65603	65507	65411	65220			
1978	63957	64020	64051	64051	64208	65252	67406	70783	82683	94425	99289	103270	106423	108783	110632	112410	113974	115460	116863	118278	119608	120996	122442	123850	125318	126550	127838	129436			
1979	245352	245577	245427	245352	245352	245427	245427	245502	245577	245502	245577	245577	246176	247900	249103	249556	249858	249858	250159	250537	251597	252355	252963	253267	253496	253877	254104	254409			
1980	296544	295796	295052	294307	293399	292574	291914	291011	289943	288633	287408	286103	284884	284072	283828	285372	289697	316138	333119	344878	354927	361708	366884	370975	373779	375935	378286	380927	383199		
1981	231686	231830	231903	232047	232120	232265	232265	232845	233641	234005	234151	234369	234515	234660	235098	235315	235972	237288	237508	238169	238169	238243	238243	238390	238463	238463	238096	237875			
1982	174766	174888	174583	174644	174279	173732	172825	172160	171258	170957	170697	170238	169700	169819	170119	173550	176353	177888	178936	179926	180795	181604	182354	182730	182979	193041	183230	183104			
1983	291832	292491	292821	292904	293317	295135	300040	304401	307441	309475	310750	312285	316568	319755	322006	324362	326270	328194	330300	331974	333561	335064	336670	337637	339061	342725	350200	357027			
1984	298623	296211	293565	290847	288224	286533	282858	280194	277625	276186	274752	273478	272051	271814	271024	271024	271418	271340	271261	270787	269918	269210	268423	267480	267325	266933	265992	265134	264354		
1985	244160	244458	244680	244829	244979	244904	244755	245128	245352	245427	245054	244829	244458	244085	243564	242969	242228	241634	240674	240230	239566	238905	238243	237582	236850	236118	235388	234660			
1986	206331	206736	206871	207275	207411	207614	207750	207817	208021	208360	208428	210197	224032	230532	238463	245352	250310	260087	274991	284803	290929	295550	299374	302720	306004	309220	312371	315450			
1987	244631	244458	244383	244309	244234	244160	244085	244011	243862	243862	244011	243862	244606	246251	246326	246326	246026	245652	245577	245427	245427	245128	245128	244979	244755	244383	244011	243713			
1988	144377	144377	144377	144269	144215	144108	144000	143785	143464	143250	142982	142661	142340	142128	141808	141596	141330	140905	140536	140113	139638	139113	138588	138013	137491	136970	136503	136296	136036		
1989	71606	71342	71342	71473	71573	71408	71342	71441	71539	71606	71506	71441	71375	71309	71243	71210	71177	71111	71276	71309	71276	71375	71606	71805	72004	72337	73040	73376			
1990	86113	86038	84851	84701	84590	84441	84329	84291	84254	84217	84180	83994	83845	83698	83550	83439	83365	83402	83291	82996	82849	82629	82446	82299	82080	81897	81679	81570			
1991	45847	45799	45799	45752	45728	45728	45704	45680	45656	45632	45585	45537	45561	45561	45561	45513	45465	45465	45442	45418	45418	45370	45370	45370	45347	45324	45300	45347			
1992	88763	88725	88686	88648	88570	88532	88493	88532	88570	88609	88686	89034	89228	89267	89383	89383	89421	89421	89305	89228	89305	89383	89460	89460	89388	89344	89344	89383	89421		
1993	98537	98662	98745	98828	98870	99037	99287	99915	100756	101433	101814	102155	102325	102496	102624	102709	102880	103180	103567	104473	104992	105471	106959	108327	109216	110156	110966	111418			
1994	240009	239271	238390	237949	237435	236850	236631	236850	236850	236850	236777	236777	236631	236484	236484	236411	236557	236777	236850	237070	236950	236557	236191	235972	235753	235534	235171	234660			
1995	142928	143946	144862	145726	146540	147357	148122	149054	149660	150156	150542	150930	151541	153998	155858	156992	157903	158704	159506	160368	161351	162336	163441	164553	165668	166788	167913	168925			
1996	256933	257317	257701	258161	261015	263265	264822	266071	267246	268226	269289	270313	271103	271893	272765	273637	274353	275150	277625	292244	299873	304823	307864	310494	312796	314849	316654	318116	319409		
1997	436061	437474	438284	438487	438687	438788	438588	438284	437879	437069	435758	434042	432432	430826	429019	427018	425222	423626	421637	418860	416094	413727	410879	407745	404526	401030	397837	394560			
1998	242302	244234	244606	244606	244160	243787	244160	244680	244531	244011	243489	243043	242376	245054	248877	250310	250840	250612	250612	250915	251825	257853	267715	274274	278106	280678	282696	283910			
1999	248500	248201	247675	247074	246474	245801	245352	245502	245352	245726	245352	244904	244531	244606	244755	244755	244979	245054	245203	245427	245502	245427	245352	245203	245054	244979	244979	244829			
2000	167794	167735	167676	167616	167616	167557	167499	167499	167440	167499	167735	167972	169222	171258	172764	173672	174157	174583	174766	175069	175619	175925	176597	176842	177149	177457	177826	178318	178688		
Max.	436061	437474	438284	438487	438687	438788	438588	438284	437879	437069	435758	434042	432432	430826	429019	427018	425222	423626	421637	418860	416094	413727	410879	407745	404526	401030	397837	394560	383199		
Min.	344	342	340	336	336	335	333	335	336	333	332	334	534	510	397	380	377	388	375	368	365	363	357	353	351	350	346	344	84729		
Ave.	166485	166895	167014	167094	167199	167340	167534	167852	168350	168820	169063	169265	169785	170293	170761	171203	171626	172537	173327	174153	174680	175134	175591	175920	176305	176793	176864	177089	186272		

ISABELLA RESERVOIR
KERN RIVER BASIN, CALIFORNIA
MIDNIGHT STORAGE

MARCH

Units in acre-feet

Year	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
1954	342	342	341	336	331	331	331	331	623	569	492	434	374	360	357	369	384	387	379	390	403	390	387	399	408	407	417	455	463	521	487
1955	12626	12606	12596	12596	12596	12596	12606	12606	12606	12596	12532	12281	11948	11734	11507	11255	10917	10592	10266	9958	9667	9444	9237	9042	8862	8668	8495	8300	8139	7869	7453
1956	128456	128405	128355	128004	128004	128054	127903	127652	127301	126548	125946	125358	124330	123549	122524	121303	120391	119300	118778	118350	118350	118540	119110	119632	120296	121255	122329	123452	124526	125551	127150
1957	133291	133239	133188	133136	133033	133136	133136	133084	133033	132981	132878	132620	132620	132776	132776	132723	132620	132517	132414	132104	131898	131486	131125	130765	130464	130162	129861	129610	129309	128907	128456
1958	114555	114555	114601	114647	114647	114647	114693	114739	114739	114831	114923	115016	115062	115154	116168	117353	119680	121450	122720	124135	126448	129158	131176	132672	133961	135044	136131	137137	137877	138724	139836
1959	197329	197396	197460	197525	197460	197375	197329	197264	197069	196808	196483	196157	196026	195896	195636	195310	194854	194401	193825	193313	192672	192096	191648	191264	191008	190880	190880	190880	190880	190752	190688
1960	84804	84917	84992	85105	85218	85368	85706	86120	86458	86845	87078	87427	87893	88291	88513	88746	88823	88901	89017	89133	89327	89405	89444	89366	89250	89172	89366	90181	90735	91015	91414
1961	28603	28585	28567	28549	28549	28638	28620	28603	28603	28567	28532	28443	28319	28213	28266	28231	28213	28178	28160	28142	28142	28125	28107	28107	28142	28160	28160	28178	28213	28213	28195
1962	43371	43371	43371	43371	43371	43417	43440	43417	43394	43371	43324	43278	43278	43278	43231	43134	43045	42906	42697	42464	42115	41719	41055	40449	39798	39125	38192	37413	36790	36185	35621
1963	174764	175128	175491	175856	176103	176350	176659	176782	176967	177029	176967	176967	176967	176844	176597	176720	176720	176659	176659	176659	176782	176967	177029	177090	177214	177276	177399	179127	180855	181904	182701
1964	163282	163166	162817	162469	162004	161655	161307	160842	160376	160086	159679	159389	159214	158866	158691	158401	158227	157994	157822	157652	157538	157708	157708	157652	157595	157652	157708	157822	157936	158227	158633
1965	123110	122671	122329	121840	121352	120818	120248	119632	118873	118066	117924	118019	117924	117734	117450	117260	117117	117117	117117	117117	117117	117165	117165	117212	117212	117260	117307	117402			
1966	168019	167604	167070	166476	165823	165171	164518	163631	162934	162236	161597	160842	160086	159388	158633	157822	157083	156344	155776	155264	154742	154410	154183	154126	154070	154070	154070	154183	154410	154638	154979
1967	253512	253288	253064	253064	252989	252766	252542	252319	252021	251946	251872	251946	252170	252319	252393	253064	256133	258316	260058	262181	264012	265772	267463	269392	271018	272494	273974	275615	277105	278442	280035
1968	203228	203228	203096	202897	202435	201908	202435	202765	202765	202897	203029	203095	203095	203426	203691	204088	204419	204486	204618	204685	204618	204552	204552	204552	204552	204552	204685	204751	204950	205149	205415
1969	256809	256659	256433	255983	255232	253960	252244	250090	248167	246105	243909	241287	237959	233800	229188	224557	220392	216338	212595	208419	204486	200265	195896	192028	188074	184227	180733	177890	175866	174829	175133
1970	257261	257864	258165	258769	259374	259752	260207	260586	260889	261573	261877	262258	262486	262867	263248	263554	263859	264012	264012	263783	263554	263325	262943	262562	262182	262182	262182	262410	262410	262410	262258
1971	172763	171917	170953	170111	169332	168555	167483	166474	165350	164289	163174	162355	161771	160840	160317	159622	159217	158813	158525	158295	158180	158065	158065	158237	158352	159102	160491	161771	162939	163878	164937
1972	117029	116559	116419	116372	116325	116091	115764	115624	115298	115066	115020	115020	115112	115345	115531	115624	115811	115998	116138	116185	116372	116419	116700	116841	116841	116888	116982	116841	116841	116700	116606
1973	77830	78504	79040	79614	79866	80372	80698	81171	81537	81830	82345	82677	82899	82899	82862	82862	82825	82936	83159	83680	84428	84993	85371	85787	86244	86894	87585	88436	89019	89605	90114
1974	201710	203757	204618	204618	204419	204220	204887	205083	205681	206214	206547	207014	207415	208084	208754	209761	210636	211581	212392	213205	214020	214973	215860	216885	218051	219151	219978	220945	222470	224069	225605
1975	213341	212595	211651	210838	210030	209089	208352	207816	207482	207081	207215	207081	206681	206614	206414	206414	206347	206214	206147	206014	206081	206547	206881	207081	208017	209224	209896	210030	210098	210299	210434
1976	166888	166712	166420	166069	165485	164961	164554	164147	163625	163104	162527	162123	161491	161031	160687	160344	160001	159544	159259	158917	158633	158179	157725	157386	157159	156933	156820	156651	156538	156425	156256
1977	65125	65030	64934	64808	64713	64555	64429	64240	64020	64051	63988	63957	63863	63769	63581	63488	63394	63394	63363	63332	63301	63269	63176	63145	63269	63269	63238	63145	63145	63114	63052
1978	132516	138394	144004	156031	166829	173531	178370	182423	186091	189171	192216	194969	197226	199303	201327	203430	205610	207938	210348	212774	215761	220080	223681	226824	229921	233185	236546	240007	243204	246866	254057
1979	254867	255173	255479	255936	256396	256856	257470	258238	259394	260474	261480	262177	262876	263420	263964	265134	265836	266384	267168	268030	268738	269368	269918	270550	271182	271893	273321	275310	276506	277785	278909
1980	384338	386048	388239	390053	392063	393696	395137	395812	396391	396196	395041	393866	392639	391298	390053	389099	387762	386524	385477	383768	382158	380455	378390	376687	374998	372845	370695	368647	366605	364754	363000
1981	237949	237728	237362	237070	237070	237070	236924	236850	236704	236484	236265	236191	235972	235899	235680	235388	235244	234952	235461	235826	236484	237070	237728	238169	238537	239198	239787	240157	240378	240894	241264
1982	182916	182916	183292	183481	183669	183732	183607	183481	183292	183481	185180	186953	188289	189631	191043	192397	194277	195516	196692	197807	198992	200117	201244	202441	203644	204649	205926	207074	208768	209856	211289
1983	367906	378286	386715	393119	397837	402193	406475	410879	414811	418466	421637	424124	426718	435859	439600	441934	444478	446722	448154	449381	450920	452665	454929	458026	459888	461029	462065	463416	464145	465289	467478
1984	263574	262954	262487	262323	261866	261403	261015	260474	260087	259855	259932	259701	259548	260783	261325	261944	262643	263187	263420	263574	264276	264978	265914	267011	268030	269210	270550	271972	273478	274672	275787
1985	233787	233425	232917	232410	231830	231830	231643	231109	230821	230460	229884	229310	228663	228161	227805	227447	227089	226732	226589	226375	226020	226163	226234	226304	226304	226518	228520	229884	230748	231543	232337
1986	318289	321139	323569	326008	328194	330388	332589	342277	350926	359502	366512	372936	378003	382345	386334	389766	392351	394560	396487	398223	399866	401804	403846	405696	407354	409114	410977	413630	415699	418761	421836
1987	243192	242671	242079	241412	241264	242079	242228	242228	242079	241708	241412	240968	240526	239935	239861	239640	238758	238463	238390	237949	237949	237949	237875	237949	238096	238316	238537	238831	239198	239640	239935
1988	135726	135469	135159	134901	134592	134337	134029	133670	133516	133312	133058	132701	132344	131989	131534	131129	130775	130524	130373	130172	129870	129720	129519	129369	129419	129369	129270	129220	129120	129070	129020
1989	73477	75075	77922	79125	80018	80989	82299	83883	85526	86925	88186	89383	90473	91376	92127	92722	93561	94043	94606	95254	95864	96599	97626	98870	100251	101644	102709	103653	104818	106037	107266
1990	81388	81207	81134	81062	80882	80593	80232	79874	79516	79231	78983	78770	78592	78345	78204	78133	78063	78028	77992	77922	77852	77816	77746	77781	77852	77992	78098	78204	78275	78309	78275
1991	45704	45895	45966	49411	58307	60299	61270	61803	62101	62221	62370	62400	62430	62460	62430	62341	62191	62161	62161	62370	62521	62641	62701	62731	62911	63214	63426	63547	63760	63973	64218
1992	89460	89499	89460	89499	89538	89538	89499	89383	89383	89383	89267	89267	89228	89189	89189	89112	89034	89034	88995	88957	88957	88995	89189	89267	89228	89150	89112	89034	88995	88995	89034
1993	111688	112006	112370	112738	113190	113649	114153	114706	115121	115260	115538	116003	116514	117215	118249	119430	120619	122925	124869	126588	128421	130222	132141	134029	136296	139743	142875	145456	147684	149715	151708
1994	233932	233062	232192	231396	230748	230821	230821	230748	230676	230532	230604	230748	230676	230604	230388	230172	230388	230532	230676	230893	230821	230676	230748	230821	230821	230821	230821	230532	230028	229526	229094
1995	169461	170059	170537	171559	173914	177211	179183	180571	182041	189887	203243	211495	217014	221630	226092	230028	233569	236557	240230	244011	248425	252431	255708	258161	260164	261711	263031	264042	265056	265836	266541
1996	320634	321485	322440	323308	326970	329072	330740	332325	333915	335507	337104	339417	341739	343530	344968	346497	348211	350019	352016	354381	356753	359318	361985	364291	366327	368092	369672	371722	373779	375653	377534
1997	391011	387001	383009	379134	376277	371909	368647	365680	362815	360329	358035	356023	354199	352832	351652	350563	349477	348211	346858	345866	345148	344518	344608	344878	345328	345866	346948	348572	350472	351925	352923
1998	284965	285869	286674	287652	288551	289125	289615	289615	289463	289207	289125	289289	289861	290600	290929	292244	293565	295550	297708	299873	302217	304738	307864	311773	316824	320621	324265	328194	330916	333385	335862
1999	244904	244979	244979	245128	245352	245652	245951	246101	246326	246474	246474	246624	246774	246999	247299	247449	247599	247900	248051	248201	248425	248726	249103	249300	249632	250085	250537	250840	251294	251597	251977
2000	179089	179431	179739	180049	180857	181230	181604	181916	182291	182604	182916	183355	183921	184612	185370	186191	187207	188097	188800	189631	190016	190208	190466	190850	191172	191430	191688	192140	192461	192850	193239
Max.	391011	387001	388239	393119	397837	402193	406475	410879	414811	418466	421637	424124	426718	435859	439600	441934	444478	446722	448154	449381	450920	452665	454929	458026	459888	461029	462065	463416	464145	465289	467478
Min.	342	342	341	336	331	331	331	331	623	569	492	434	374	360	357	369	384	387	379	390	403	390	387	399	408	407	417	455	463	521	487
Ave.	177419	177827	178168	178635	179232	179595	179862	180195	180491	180880	181369	181739	182026	182364	182605	182855	183179	183457	183781	184068	184454	184897	185343	185817	186302	186801	187365	188011	188599	189184	189909

ISABELLA RESERVOIR
KERN RIVER BASIN, CALIFORNIA
MIDNIGHT STORAGE

APRIL

Units in acre-feet

Year	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
1954	482	500	517	538	566	590	590	609	650	660	663	654	679	761	1104	2124	3490	5028	6549	8045	9545	11115	12740	14570	16144	17408	18696	20550	22070	23322	
1955	7058	6734	6438	6140	5855	5554	5286	5062	4876	4692	4554	4453	4411	4422	4408	4419	4426	4445	4422	4375	4330	4505	4722	4981	5229	5440	5603	5752	5884	6005	
1956	128506	129911	131176	132259	133342	134528	135714	137137	138618	140206	142025	144521	146583	148526	150361	152364	154183	155946	157538	159214	160667	162236	163925	165942	167485	169028	170406	171557	172525	173615	
1957	127954	127452	127000	126749	126498	126146	125845	125502	125356	125161	124965	124721	124477	124330	124232	123940	124135	124477	124623	124672	124672	124672	124770	124868	125014	125161	125307	125453	125551	125600	
1958	141106	142567	145444	147748	150249	152139	154126	155946	157708	159970	161830	164044	166358	168790	171375	174038	177090	181040	185488	190496	196352	202170	206878	210777	213745	216683	219155	222189	225121	227426	
1959	190688	190752	191008	191200	191328	191648	191840	192032	192288	192480	192672	192864	193121	193313	193505	193569	193569	193761	194081	194273	194465	194854	195180	195505	195961	196418	197004	197460	197851	198438	
1960	91694	92054	92454	93014	93573	94093	94703	95320	95896	96555	97131	97708	98119	98532	99083	99676	100226	100735	101413	102175	103118	104294	105426	106166	106863	107663	108648	109454	110125	110931	
1961	28213	28249	28372	28585	28974	29360	29748	30080	30265	30450	30598	30802	31010	31222	31434	31723	32186	32706	33183	33504	33766	33986	34167	34348	34508	34628	34729	34850	34954	35038	
1962	35038	34328	33705	33263	33143	33404	33986	35038	36560	38214	39529	40808	42347	44205	46614	48935	51446	54524	57668	60661	63075	65397	68136	71278	74382	77017	79532	82226	84729	86612	
1963	183664	184230	184734	185299	185613	185928	187060	189023	190496	191648	192608	193569	194209	195115	196222	197655	198829	199806	200783	201905	202767	203761	204889	205751	206613	207541	208617	209494	210507	211586	
1964	169098	159853	160260	160493	160667	160900	161016	161133	161249	161597	162062	162643	163398	164221	164993	165824	166714	167485	168137	168671	169087	169561	169922	170164	170346	170467	170588	171073	171436	171859	
1965	117829	118066	118540	118730	118920	119110	119300	119585	120154	120486	120818	121303	121791	122378	123110	124086	125161	126297	127652	129560	131640	134064	136342	138618	141265	144087	147359	150194	153387	156571	
1966	155434	156344	157424	158749	159795	160842	162004	163108	164459	165527	166120	166655	167070	167366	167900	168612	169324	169662	170346	170649	170952	171254	171556	171799	172162	172767	173615	174522	175430	176473	
1967	281760	282960	284223	285659	287098	288301	289567	290956	292168	293382	294680	296144	297531	298511	299576	300396	300971	301381	301053	300560	300314	299986	299494	299084	298511	297939	297531	297123	296307	295331	
1968	206347	207482	208084	208754	209358	210098	210771	211378	211851	212325	212866	213545	214769	215587	216201	216543	217228	217433	217845	218257	218601	218876	218945	219220	219427	219978	220945	221707	222747	223582	
1969	175805	175439	175255	173551	173127	173855	171977	168794	165173	162004	159102	157204	156688	156117	154694	152883	151422	150751	150304	150863	152940	156345	159854	162004	162939	163819	164878	166474	168854	172703	
1970	261725	261041	260359	259904	259460	258996	258920	259072	259147	259296	259828	260283	260738	261117	261573	261801	262029	262105	262258	262258	262258	262182	262105	262029	262029	262105	262334	262486	262562	262867	
1971	166000	166889	167602	168436	169153	169871	170532	171073	171615	172219	172824	173369	173977	174768	175439	176111	177214	178260	179062	179742	180547	181106	181479	182039	182476	182725	183163	183601	184039	184478	
1972	116512	116325	115998	115718	115252	114741	114278	113771	113219	112852	112669	112577	112577	112577	112898	113035	113035	112989	112852	112669	112669	112669	112577	112349	112349	112349	112394	112440	112715	113035	
1973	90863	91378	91577	91497	91378	91378	91975	92935	94063	95079	96226	97589	99342	100565	101159	101841	102526	103386	104381	105383	106567	107317	108338	109813	111893	114834	118778	123451	128103	132877	
1974	227780	234729	237959	240706	242159	244128	246253	247946	250461	252393	254109	256058	258014	260131	262334	264318	266387	268619	270785	272727	274520	276320	278127	279940	281443	282871	284462	286458	287820	289587	
1975	210501	210367	210165	210165	210434	210636	210771	210906	211041	211041	211243	211311	211378	211513	211784	211784	211784	211851	211919	212122	212392	212799	213477	214068	215177	215723	215996	216270	216270	216406	
1976	156088	155919	155694	155636	155638	155638	155638	155525	155694	155582	155582	155469	155413	155469	155750	155694	155582	155525	155638	155694	155694	155638	155638	155750	155750	155975	155919	155862	155862	155862	
1977	63052	63083	63083	63052	63052	63052	63021	62959	62928	62897	62897	62897	62866	62866	62835	62804	62804	62990	63083	63145	63425	63706	63925	64083	64271	64366	64681	65030	65443	65890	
1978	260074	264867	268396	271332	273117	274830	275768	276080	276080	276002	276393	277255	278511	280085	281348	282851	283247	283089	282693	282297	281664	280874	280321	280558	281268	281664	281664	281743	282613	283723	
1979	279953	280839	281887	282858	284153	285291	286755	287815	289125	290929	292409	293893	295796	297956	300542	302804	305329	307356	309050	310750	312540	314165	315708	317513	319150	320794	323223	325834	328194	330652	
1980	361432	359685	358035	356297	355018	354108	352832	351471	350019	348934	348301	347490	347219	347219	347759	348572	350019	352196	355018	358402	362169	365124	366884	367906	369765	372470	375186	378946	382345	385667	
1981	241486	241783	242153	242450	242671	243117	243489	244085	244755	245427	246251	246774	247149	247449	247750	248275	249179	250310	251294	252127	252887	253724	254791	256319	258315	259855	261170	262332	263652	265290	
1982	213210	214657	216249	217988	219384	220858	222194	223394	224598	226163	242079	257394	267325	275230	282453	288715	294638	300208	305835	311602	316996	322180	327058	331974	336395	340846	345866	351107	357302	363829	
1983	469046	470615	472606	473762	473236	471978	470196	467896	465184	462065	458958	455342	451432	446926	441934	437069	432734	428119	423529	419356	414614	409898	406377	402873	399479	396101	392831	389670	386619	383958	
1984	277384	278668	280114	281243	282453	283666	284965	285696	287163	287733	289289	290436	291585	292987	294390	295796	296959	298039	299374	300961	302720	304570	305920	306933	308371	309305	310409	311517	312796	313480	
1985	233425	234515	235899	237728	239935	242376	245054	247900	250991	254180	257394	260783	264588	268974	273242	276986	280194	282858	286022	288797	291093	293399	295384	297126	299374	301128	302804	304233	306004	308034	
1986	425521	428119	430524	432734	434748	436564	437980	438890	439295	439701	440209	440920	441527	441832	441730	441425	441123	440513	440006	439600	439803	440920	442442	443461	444784	445804	446415	447745	450304	452768	
1987	240083	240304	240230	240600	240820	241116	241116	240968	240968	241042	241264	241560	241857	242005	242005	242228	242599	243192	243638	243713	243787	243936	244011	244160	244458	244554	245278	245577	245951	246474	
1988	129070	128970	128920	128870	128870	128920	128920	129070	129270	129369	129670	129971	130273	130674	131129	131230	131432	131584	131635	132141	132344	132548	132548	132446	132599	132650	132599	132446	132497	132548	
1989	108460	109708	111146	112552	114015	115538	117261	119288	121480	123700	126046	128221	130273	132294	134438	136763	138955	141224	143464	145889	147957	149880	151263	152487	153549	154559	155349	156027	156594	157049	
1990	78239	78239	78204	78275	78275	78204	78204	78169	78133	78098	78098	78239	78521	78912	79374	80054	80412	80737	80954	81170	81388	81461	81570	81897	82043	82153	82372	82849	83402	83957	
1991	64524	64832	65140	65605	66543	67807	69445	70749	72171	73748	75212	76350	77291	78204	79161	80197	81170	82043	82922	83771	84552	85225	85827	86470	87268	88186	88995	89927	90865	91929	
1992	89228	89344	89538	89693	89966	90317	90708	91258	91929	92762	93561	94364	95173	95986	96845	97709	98537	99789	101221	102539	103824	105209	106300	107266	108327	109618	111056	112779	114568	116374	
1993	153717	155970	158308	160830	163792	166552	169222	171679	174279	177272	180174	183167	185686	187906	190016	192269	194667	197020	199323	201976	204918	208089	211221	214243	217432	221067	224953	228735	232772	237142	
1994	229022	229166	229166	229094	228879	228448	227876	227447	227232	227161	227018	226804	226518	226163	225949	225807	225878	225807	225807	226163	226661	227375	228090	228735	229166	229597	230028	230316	230676	231182	
1995	267325	268108	268895	269681	270629	271103	272210	273242	274752	275867	276666	277625	278668	280114	281402	282129	282696	282777	283020	283182	283344	283101	282696	282372	282291	282696	283423	284640	287082	293069	
1996	379418	382440	384906	387284	389670	391967	393985	396101	398513	400545	402776	405208	407647	409996	412351	415502	418959	422433	425022	427419	429621	431326	433036	435051	437879	441324	445907	450818	456064	461236	
1997	353925	354562	354927	355292	356840	356389	356753	356753	356572	356572	356936	357760	358586	359134	359685	360237	361250	362630	364199	366141	368740	371536	374623	377440	379982	382630	385857	389003	392255	395234	
1998	338172	340132	342187	344249	345596	347309	348482	349387	350200	351017	351925	352741	353197	353379	353470	353288	353014	353014	353379	354381	356480	359961	364199	368275	372190	375653	379229	383009	386524	390244	
1999	252279	252583	252887	253191	253648	253877	254256	254562	255020	255479	256089	256626	257163	257853	258700	259761	261093	262254	263498	264900	266306	268030	269524	270550	271497	272131	273003	274035	274831	275707	
2000	193563	193628	193563	193563	193628	194017	194537	195124	196037	196758	197261	197544	197807	198202	198730	199058	199455	199918	200382	201177	201976	202842	203377	203844	204313	205052	206061	207614	209311	210879	
Max.	469046	470615	472606	473762	473236	471978	470196	467896	465184	462065	458958	455342	451432	446926	441934	441425	441123	440513	440006	439600	439803	440920	442442	443461	444784	445804	446415	450818	456064	461236	
Min.	482	500	517	538	566	590	590	609	650	660	663	654	679	761	1104	2124	3490	4445	4422	4375	4330	4505	4722	4981	5229	5440	5603	5752	5884	6005	
Ave.	190676	191455	192148	192788	193394	194027	194620	195147	195738	196324	197268	198248	199163	200040	200915	201763	202666	203585	204518	205533	206612	207749	208846	209895	210976	212071	213277	214608	216032	217586	

ISABELLA RESERVOIR
KERN RIVER BASIN, CALIFORNIA
MIDNIGHT STORAGE

MAY

Units in acre-feet

Year	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
1954	24185	24967	25800	27060	28752	30787	33086	35662	38308	40610	42524	44513	46388	48500	50632	52450	54360	56948	60040	63089	66194	68504	70430	72232	73805	75100	76304	77312	78608	79770	80574
1955	6209	6400	6560	6705	6862	7110	7453	7957	8381	8804	9383	10168	11090	11911	12411	12646	12933	13290	13841	14635	15525	16717	17940	19230	19982	20443	21152	22283	23816	25552	26836
1956	174522	175552	176844	179003	181102	183035	184859	186305	187688	188895	189984	190816	191520	192096	192736	193377	194401	195440	197004	198568	200327	203231	206878	211114	214967	218125	221630	224912	228193	231671	235080
1957	125356	125063	124819	124721	124917	125307	125946	126347	126699	126950	127050	127150	127301	127552	127803	127954	128154	128807	132878	135147	137084	138406	139942	141106	142187	143219	144467	145770	147248	148415	149860
1958	229327	231600	234441	237964	242442	247876	253518	259680	266231	273266	279857	285345	289746	294035	298924	304591	311251	319163	327690	336589	344641	352873	361472	368714	375193	381192	387045	392651	398034	403243	408509
1959	199219	199936	200327	200718	200979	201374	201639	201838	201971	202170	202568	203297	204159	204955	205817	206149	206613	206878	207276	207541	207674	207674	207674	207607	207607	207541	207475	207342	207210	207210	207210
1960	111742	112572	113356	114232	114785	115430	116122	116832	117639	118683	119110	119063	118776	118683	118683	118920	119158	119253	119205	119110	118920	118825	118635	118493	118445	118303	118208	118398	118588	118778	118730
1961	35204	35497	35830	36185	36435	36727	36980	37240	37499	37759	38020	38257	38473	38690	38929	39192	39574	40068	40561	40988	41417	41836	42394	42975	43580	44277	44952	45556	46137	46589	46990
1962	88320	90455	92814	95814	99422	103597	107708	111513	114969	117782	119869	121596	123110	124379	125551	126648	127652	128656	129460	130413	131021	131383	131537	131692	131898	131898	132052	132052	132001	132156	132672
1963	212733	214150	216203	218125	220322	222468	224772	226867	228759	230748	232736	234654	236591	238325	240203	241937	244275	246994	250380	253891	257402	261123	264769	268471	271946	275385	278524	281917	284867	287657	291203
1964	172454	173009	173312	173554	174038	174220	174522	174825	175128	175491	175918	176473	177399	178571	179806	181225	182659	184105	185676	187436	189407	191200	192993	194401	196026	197786	199024	200066	200783	201441	201507
1965	159911	163340	165705	167604	168968	170588	172101	173070	174522	175431	176350	177152	178016	179251	180485	182156	184419	187499	190752	194593	197851	200718	203297	205486	207475	209427	211518	214082	217233	220596	223795
1966	177584	178818	180300	181657	183161	184671	186431	188191	189599	190816	192032	192993	194017	196505	196938	198307	199806	201507	203363	205088	206547	207740	208954	210237	211451	212733	213947	215173	216203	216890	217370
1967	293869	292491	290876	289426	288301	287098	286058	285419	285818	287419	287820	287419	287018	286698	286778	287820	289909	293058	297123	301628	306750	313930	321195	328372	335282	342351	349226	355454	361375	366347	371169
1968	224488	225535	226516	227358	228343	229330	230177	230956	231595	232234	233088	233800	234729	235445	236090	236664	237527	238392	239764	241287	242814	244421	245299	245813	246474	247430	248832	250461	252244	253885	255232
1969	177030	181603	186988	189345	191068	192734	196935	201447	208151	216954	226235	234729	244713	255232	266003	276712	288381	300806	313090	324346	335890	348164	358496	369710	381465	393595	405536	416887	428892	441474	454244
1970	263325	263706	264088	264547	265083	265619	266310	267001	267848	269160	270088	271018	272027	273194	274989	277262	279264	282474	285020	287098	289024	291037	293463	296470	299166	301464	303523	305921	308412	311165	314182
1971	184981	185547	185925	186366	186682	187378	188011	188709	189472	190365	191260	192156	193056	194215	195572	197130	198825	200199	201447	202369	203624	204618	205548	206347	207415	208687	210704	212325	213748	214837	215928
1972	113265	113771	114325	114973	115485	115998	116466	116935	117452	117972	118540	119063	119635	120257	120833	121315	121798	122040	122331	122380	122380	122283	122186	122137	122186	122283	122574	122769	123012	123109	123402
1973	137088	139625	143002	146817	150863	153957	157089	160665	165291	171073	177890	185295	192670	200396	208084	214837	221984	229683	237599	245593	252318	258618	264471	270397	276399	282633	289024	296959	305838	313510	320261
1974	292168	294274	297286	300888	301183	306750	309578	312923	317129	322215	327514	333029	338502	343404	348872	354026	358678	362547	366256	369346	372266	375014	377588	380263	382948	386667	391153	396138	400871	405345	409846
1975	216543	216817	217228	218051	218876	219633	220323	221568	223303	224976	227077	229612	232447	236516	238897	242669	246253	249942	254259	259223	262715	265466	268156	270940	274676	278678	283030	287339	291845	296307	301135
1976	156200	156651	157103	157103	157499	157952	158406	158804	159316	160058	160630	161318	162296	163567	164844	165952	166829	167534	168063	168181	168475	168770	168947	169006	169124	169420	169597	169597	169834	169834	169538
1977	66147	66372	66501	66469	66565	66727	66856	67213	67375	67570	67701	67864	67995	68061	68126	68422	68586	68718	68850	68982	69114	69313	69745	70146	70481	70749	70918	71053	71188	71560	72138
1978	284041	283882	283723	284280	286669	288588	289872	290354	290997	292044	294306	297392	301724	307248	313327	319048	322694	326275	329792	333502	337146	341775	346171	349355	351220	355142	357471	360708	364414	369050	374636
1979	333208	336507	337904	340578	343261	345956	348482	350835	352741	354562	356206	358219	360237	362536	364846	367441	370231	373498	377158	381211	385572	390340	394945	399285	403360	407354	411761	416191	420050	423626	426818
1980	389386	393023	396871	401513	406572	411957	417971	423230	428618	433638	437575	440818	443664	446213	448052	450099	452563	456064	460510	465914	471664	477341	482942	487512	490924	493596	495638	497248	498540	499831	501234
1981	267637	270471	273083	274991	276586	277705	278588	279631	280758	281887	283182	285047	287000	289289	290600	291997	292821	293482	294141	294638	294969	295301	295713	296378	297126	298456	299792	300877	302217	303645	305160
1982	370611	377158	383863	389957	395523	401224	407061	412941	418367	423529	428119	432332	436564	440818	444988	449176	453798	458440	462896	467582	472606	478288	484110	490499	496817	502961	508922	514152	518309	522044	525349
1983	380833	377346	373498	370324	367162	364476	361985	360421	358861	358219	357577	356480	355566	353652	352377	352923	353652	354653	356023	359318	364569	372096	381685	392351	404039	416290	429520	444170	458854	471768	485702
1984	314251	315278	316396	317513	319236	320967	322353	323917	326008	328457	331709	335507	339685	343889	347580	350563	353288	355749	358677	362077	365956	369579	373404	377346	379982	383768	387571	391011	394177	397933	400836
1985	309901	312456	314935	318116	320861	323830	326795	329423	331269	333385	335330	337193	339239	340400	342456	344518	346497	348663	351017	353288	355383	357760	360421	363184	366234	368740	370882	372470	373779	374716	375559
1986	455548	458647	461652	464663	466436	467687	468314	468523	468523	468942	469151	469256	470091	471034	473446	475232	477655	481036	484854	489003	493065	495853	498217	500262	502853	506534	510880	515571	521163	526894	533100
1987	246924	247299	247449	247975	248802	250009	250764	251749	252963	254485	255708	257010	258392	260087	262099	264666	266384	267637	268738	269681	270629	271261	271734	271893	271814	271972	272210	272289	272527	272765	273083
1988	132497	132446	132599	132599	132650	132752	132752	132854	133108	133159	133210	133465	134183	135314	136659	138273	139849	141171	142182	143464	144754	146268	147629	148945	150156	151319	152320	153157	154111	154954	155698
1989	157446	157903	158532	159448	160772	162278	163792	165492	167321	169162	170478	171559	172522	173430	174218	175010	175680	176292	177088	178011	178936	179739	180733	181354	181916	182479	183041	183732	184236	184549	184738
1990	84291	84515	84701	84925	85300	85789	86507	87306	88071	88725	89383	89732	90122	90395	90747	91022	91140	91376	91455	91573	91613	91810	91889	92127	92364	92444	92523	92682	93440	93842	94204
1991	93041	93962	94849	95619	96435	97380	98620	100293	102368	104170	105514	106607	107619	108727	109887	111192	112870	114475	115910	117215	118483	119714	121049	122877	125261	128024	130624	132803	134644	136711	138535
1992	118060	119525	120905	122442	123895	125457	127229	128870	130775	132701	134592	136503	138430	140430	142340	144108	145835	147193	148176	149054	149770	150267	150598	150875	151097	151541	152041	152599	153046	153325	153549
1993	242005	247074	252051	257624	262254	266462	270234	274114	278106	282210	286592	291093	295135	298706	302468	306340	310494	314935	319755	324788	329599	334533	339864	345148	350200	354290	357760	360605	363184	366141	369206
1994	231758	232265	232845	233363	233787	234369	235315	236045	236557	237070	237875	238905	240600	242525	244531	246326	247825	248953	249707	250310	251143	251825	252583	253267	253951	254562	255326	256243	256933	257701	258469
1995	300710	307780	313652	318634	323306	327233	330212	332854	335064	337282	339774	342725	345956	348482	351017	353925	356572	358953	361524	364661	368368	372564	376969	381211	385001	388239	391778	395426	398900	402387	406282
1996	466227	471244	476075	480612	484747	488576	492208	495745	499292	502636	506643	510771	514699	518857	523035	526894	530103	531877	533100	533656	533656	533433	532988	532544	532099	531435	530991	530547	530547	530547	530547
1997	398320	401224	404233	407256	410192	413335	416487	419753	423230	426618	430022	433638	437575	441527	446009	451023	455858	460302	463729	465810	467060	467896	469151	470824	471559	471664	472291	473131	475338	477760	481036
1998	394752	399676	404428	409604	415107	419554	423230	425621	428320	431326	433941	436766	439093	440209	440513	440818	441123	440920	441222	441527	442442	443359	444580	446111	448154	450304	451637	452563	453798	454517	455445
1999	276666	277384	277865	278427	279150	279953	280920	282210	283666	284965	286592	288388	290682	292656	294638	296211	297708	299457	301547	303561	305667	307864	309901	312029	314080	316568	319150	321399	323917	325834	327495
2000	212660	214588	217083	219874	222828	225664	228592	231615	234223	237142	239861	241857	243638	245203	246399	247599	248726	249707	250915	252355	254409	256856	260010	263730	267246	270787	274353	277865	281243	283666	285696
Max.	466227	471244	476075	480612	484747	488576	492208	495745	499292	502636	506643	510771	514699	518857	523035	526894	530103	531877	533100	533656	533656	533433	532988	532544	532099	531435	530991	530547	530547	530547	533100
Min.	6209	6400	6560	6705	6862	7110	7453	7957	8381	8804	9383	10168	11090	11911	12411	12646	12933	13290	13841	14635	15525	16717	17940	19230	19982	20443	21152	22283	23816	25552	26836
Ave.	219203	220815	222433	224149	225823	227608	229354	231101	232965	234973	236949	238895	240938	242980	245111	247293	249503	251811	254299	256803	259294	261864	264453	267031	269524	272082	274657	277235	279863	282373	284889

ISABELLA RESERVOIR
KERN RIVER BASIN, CALIFORNIA
MIDNIGHT STORAGE

JUNE

Units in acre-feet

Year	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
1954	81176	81990	82962	83784	84544	85000	85190	85304	85380	85304	84734	83974	83214	82360	81546	80843	80140	79437	78716	78176	77600	77132	76700	76016	75135	74155	73105	71722	70634	69512	
1955	27558	28178	28656	29323	30413	32340	34708	37154	39058	40920	41975	42720	43092	43208	43347	43557	43464	43347	43255	43231	43208	43208	42999	42650	42254	41812	41279	40741	40292	39753	
1956	238108	241431	244128	246920	249345	251575	253817	256207	258844	261731	264693	267390	269552	270865	272023	272563	272795	273345	274129	274835	275149	275620	276169	277111	278759	280250	280881	281758	282395	283033	
1957	151805	154695	158517	162004	165053	168019	170588	173312	176103	178139	179003	179583	180979	182093	182973	183476	183601	183790	183916	183979	183916	183350	183035	182596	182093	181842	181719	181904	181719	181164	
1958	413405	417863	422129	425563	428603	430859	432833	434719	436604	438490	439979	440376	440773	441071	441766	442268	443072	443474	444980	447491	449398	450805	452520	453130	453130	452520	454146	455162	453536	451608	
1959	207143	206480	204689	203363	201838	200392	199024	197525	195505	193569	191392	189343	187185	184671	182030	179498	176967	174341	171617	168909	166239	163224	160493	157367	154240	151305	148526	145661	142893	140259	
1960	118730	118825	118873	118825	118588	117924	117022	116076	115016	113863	112711	111424	109991	108469	106950	105296	103554	101879	99930	97914	95690	93533	91295	88978	86574	84240	83450	82590	81753	80989	
1961	47316	47567	47743	47993	48344	48831	49404	49951	50498	51019	51419	51771	52150	52501	52825	53042	53096	53096	53096	53015	52906	52690	52474	52177	51771	51392	50993	50629	50212	49664	
1962	133755	135508	137877	139677	140948	142187	143653	145507	147693	150194	152705	155093	156969	158517	159911	159970	159970	160667	162004	163806	165883	168019	169862	171073	171799	172464	173191	173615	173675	173554	
1963	294844	296760	303112	307002	310584	314011	316714	319417	321954	324351	327348	330431	333033	334941	336936	339985	344025	348782	353407	357960	361742	364354	366344	367164	367802	368714	369443	369990	369717	369261	
1964	201838	202104	202236	202634	203032	203562	203628	203363	202568	201772	200653	199610	198698	197851	196939	195701	195049	193569	191968	190368	188831	187436	186053	185676	184419	182847	181040	179189	177276	175310	
1965	227496	230606	233020	235222	238253	241937	245892	249639	252471	254863	258085	262167	265922	268702	270710	272023	272641	273031	273658	274600	275934	277268	278524	279308	279779	280171	280485	281041	281758	282635	
1966	217576	217645	217782	217919	217988	218125	218125	218262	218193	217713	216958	216134	215104	214217	213071	211451	209966	208415	206812	205221	203496	201573	199610	197916	196352	194984	193825	192736	191392	190112	
1967	374280	376759	378878	380818	382577	384433	386387	388813	391904	395667	399732	404105	408790	413504	418148	423209	425850	428204	431354	433428	435804	438385	440975	443873	446881	449798	455258	461160	467719	474844	
1968	256433	257713	258996	260131	260965	261193	260738	260207	259374	258467	257261	255983	254483	253138	251872	250757	249423	247946	246960	244348	242669	241142	239475	237887	236305	234372	232092	229753	227498	225465	
1969	467616	480772	493272	503796	512383	520065	526713	532413	536047	537593	538145	539141	539694	540912	542798	545466	546802	548029	549815	552501	555418	558680	562178	565801	568071	568867	569095	569663	569436	569663	
1970	317214	320176	322300	323920	324774	325201	326543	326742	327514	327771	327342	327085	326742	326399	325714	324945	324176	323578	323067	322896	322726	322556	322130	321450	320770	320091	319328	318735	317890	316876	
1971	216954	217776	218601	219427	220323	221360	222470	223791	225256	226796	228343	229895	231240	232732	234300	235803	237311	238836	239547	240199	240706	240996	240924	240706	240126	239403	238608	237815	236880	235875	
1972	123793	124136	124332	124431	124480	124038	124824	125465	126109	126555	126754	126705	126506	126506	126406	126357	126158	125811	125317	124578	123793	122671	121508	120449	119158	117925	116653	115485	114371	113403	
1973	328716	333635	338502	343316	348961	354561	360025	365621	371535	376851	380910	384340	386760	389094	390029	390497	391060	391622	392561	393971	394913	395855	396516	396799	397082	397555	398501	399164	399448	399353	
1974	414565	418827	422819	426732	431157	435704	441574	446278	450302	454345	458102	461160	463921	468748	470810	472256	472960	472980	472773	472566	472565	473912	475881	475778	475155	474740	473912	473082	472463	471739	
1975	306170	310747	315275	319328	323237	326485	331128	334068	336673	339812	341825	343844	344899	345780	346751	348076	348695	348695	348518	347811	347192	346398	345780	344811	344107	343316	342000	340861	340161	338851	
1976	169361	169065	168652	167886	167005	166010	164961	163799	162527	161376	160401	159316	158292	157159	155862	154628	153177	151846	150356	149094	147675	146048	144594	143041	141341	139810	138290	136676	134869	132771	
1977	72994	73926	74866	75779	76700	77521	78384	79035	79544	80385	81011	81492	81825	82086	82272	82347	82347	82347	82309	82235	82086	81863	81714	81529	81306	80937	80422	79872	79326	78636	
1978	380265	385377	390149	395328	401019	407039	413298	420483	428321	435438	441415	447433	453188	457962	461635	464400	466556	468408	470574	472537	474712	476789	478245	478870	479078	479808	480747	481373	482209	483569	
1979	429420	431627	433439	435051	436463	438082	440107	441123	441629	441832	442035	441934	441629	440818	439295	437778	435960	434445	432634	430826	428718	427118	425621	424224	422732	421140	419356	417377	415502	413630	
1980	502420	503827	505666	508052	510226	512622	514806	517324	520286	523694	527005	529771	531766	533544	535323	537663	540120	542694	545724	549326	553166	556337	559175	561792	564758	568075	571169	574735	578312	581319	
1981	306510	307610	308456	309390	310579	311858	312456	312456	312456	312285	311773	311176	310326	309560	308541	307102	305751	304233	302720	301296	299873	298289	296627	294886	293152	291340	289533	287570	285614	283585	
1982	528333	530103	531324	532321	533433	533990	534321	534878	536104	537663	539228	540904	542024	542919	544041	546062	547638	548762	550668	552600	553955	554975	555883	556902	557242	557697	558720	559855	560083	560083	
1983	497033	505666	512295	517653	522594	529001	533878	539787	545724	551582	559175	565899	570483	575773	581783	587240	593893	600343	606239	610384	613828	617043	620146	622178	623737	625174	626376	627335	628057	628177	
1984	402776	404428	405598	406086	407256	407159	407745	407061	406572	406377	405891	405306	404916	404623	404331	404039	403749	403165	402193	401321	400642	399866	399188	398707	398223	397740	397257	396774	395908	395619	
1985	376405	377346	378663	379701	380455	381969	383673	385191	386429	387380	388143	388525	388621	388525	388525	387857	387094	385953	384716	383578	382253	380927	379606	377626	376217	374716	373217	371442	369579	367627	
1986	536781	543817	547750	551356	553732	555656	556902	557469	558492	559175	559741	560311	560652	561450	562020	562134	562134	561336	560425	559403	558606	557810	557242	556788	556788	556450	556450	556110	554975	553166	
1987	273876	274831	275467	275707	276026	276026	276266	276286	275946	275310	274752	274114	273399	272448	271340	270313	269131	268108	267168	265914	264610	263498	262487	261248	260010	258931	257776	256473	255173	253648	
1988	155970	156537	157163	157732	158017	158189	158017	157618	157049	156424	155858	155236	154616	153942	153269	152375	151374	150376	149439	148560	148012	147957	147521	147357	147248	146975	146431	145672	144646	143518	
1989	184801	184549	184110	183544	182916	182479	182041	181791	181604	181479	181479	181604	181604	181666	181729	181791	181854	181791	181542	181044	180671	179987	179121	178195	177334	176414	175436	174279	173127	172160	
1990	94325	94325	94284	94404	94687	95092	95538	95945	96394	96968	97297	97420	97420	97297	97091	96927	96640	96354	95986	95538	95011	94404	93801	93201	92563	91889	91415	90826	90239	89693	
1991	140060	141808	144269	147248	150101	152934	155575	158189	160657	163093	165492	167676	169700	171498	173006	174097	174949	175497	176558	175497	175252	175069	174827	174522	174218	173793	173249	172704	172100	171378	
1992	153717	153830	153886	153886	153942	153886	153773	153773	153661	153325	152878	152375	152041	151618	151597	151974	151097	150653	150046	149549	148999	148396	147903	147357	146757	146161	145618	144969	144215	143570	
1993	372003	373779	375277	376781	379606	381779	383768	385477	387094	388812	390819	393119	395523	397933	400351	402387	403941	405403	406963	408724	409604	410192	411075	412154	413433	414910	416191	416883	416982	416883	
1994	259394	260396	261093	261789	262177	262332	262099	261633	261015	260651	260242	259932	259471	258777	258007	257086	256089	254943	253801	252507	251143	249707	248350	246924	245502	244234	242820	241338	239714	238022	
1995	410290	414022	418367	423031	428818	434445	439295	442748	445294	448154	451740	456168	461132	465393	468732	471768	474393	476286	477549	478605	479451	479663	480718	482942	486341	490285	493813	496925	500910	505016	
1996	531213	531988	533322	534989	537105	539228	541464	543480	545277	546624	546849	546624	545949	545724	545724	545499	544603	543480	542585	541576	540456	539004	537105	535212	533433	530991	528773	526562	524356	522044	
1997	484003	486447	488790	490499	491566	491994	491887	491780	491673	491673	491566	491245	491138	491352	491673	491352	490710	490392	490392	490710	491031	490924	490499	489644	488576	487512	486234	484854	483366	481566	
1998	456785	458543	460821	462376	463729	465289	467582	469672	471664	473867	476181	477760	479240	480295	482729	487193	492315	496710	501126	505775	509790	513605	516557	518967	522044	525460	528001	530547	533322	535769	
1999	329072	330300	331357	332236	333031	333738	334181	334267	333827	333561	333028	333119	332943	332766	332413	331974	331533	330828	330916	331357	331445	331180	330564	329687	329072	328633	327931	326970	325834	324527	
2000	287245	288633	289661	290929	292079	292821	293152	293234	293152	292739	292162	291340	290600	290353	290271	290189	290600	290847	290682	290436	290025	289453	288797	287979	286919	285777	284315	282615	280678	278668	
Max.	536781	543817	547750	551356	553732	555656	556902	557469	558492	559175	559741	565899	570483	575773	581783	587240	593893	600343	606239	610384	613828	617043	620146	622178	623737	625174	626376	627335	628057	628177	
Min.	27558	28178	28656	29323	30413	32340	34708	37154	39058	40920	41975	42720	43092	43208	43347	43557	43464	43347	43255	43231	43208	43208	42999	42650	42254	41812	41279	40741	40292	39753	
Ave.	287309	289468	291485	293317	295099	296765	298408	299881	301213	302459	303537	304515	305281	305999	306583	307076	307414	307612	307843	308089	308228	308275	308273	308099	307868	307609	307384	307089	306643	306118	

ISABELLA RESERVOIR
KERN RIVER BASIN, CALIFORNIA
MIDNIGHT STORAGE

JULY

Units in acre-feet

Year	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
1954	68240	67019	66524	66392	65259	64329	63647	63089	62686	62110	61270	60280	59500	58833	58137	57470	56687	55816	54920	54052	53152	52342	51478	50658	49878	49280	48578	47876	47084	46388	45456
1955	39372	38886	38473	37955	37283	36519	35830	35204	34588	34147	33565	32963	32302	31723	31280	30802	30487	30228	29970	29730	29471	29175	28903	28603	28284	27948	27523	27089	26650	26209	25804
1956	282874	282714	282077	281200	280171	279308	278524	277582	276483	275385	274207	272641	271096	269243	267390	265536	263782	262187	260743	259984	259908	259604	258996	258692	257933	257402	257253	256606	255535	254041	252471
1957	180670	179930	179251	178201	177399	176473	175552	174522	173494	172283	170770	169087	167129	165053	162934	161772	161074	160260	159447	158517	157538	156571	155662	154695	153672	152705	151694	150861	149971	148859	147804
1958	449700	447892	446386	445884	444879	443775	442469	440674	438391	435612	432634	429584	426642	423503	419899	416313	412727	410424	407265	404392	401534	399358	396805	394251	391436	388446	385650	382577	379069	375839	371722
1959	137507	134631	131795	129209	126096	123940	120818	117734	114693	112019	111110	110305	109365	108379	107395	106428	105426	104468	103554	102770	101964	101117	100226	99252	98366	97585	96925	96267	95443	94703	94053
1960	80114	79459	78813	78179	77510	76876	76277	75539	74756	73938	73020	72036	71047	70058	69102	68104	67082	65996	64995	64097	63292	62460	61681	60931	60152	59408	58625	57871	57146	56430	55729
1961	49169	48648	48093	47567	46990	46489	45990	45556	45097	44567	44012	43440	42743	42092	41417	40785	40112	39439	38777	38063	37391	36727	36102	35476	34769	34106	33504	32902	32302	31665	31029
1962	173070	172404	171617	171012	170285	170709	170406	169801	169146	168137	166655	164993	163689	162004	160435	158924	157481	155946	154410	152876	151138	149582	147804	146041	143978	141645	139254	136925	134477	132207	129811
1963	369170	369170	368987	368805	368440	367984	367619	367437	367255	367256	367437	367802	367802	367619	366982	366526	365614	364264	362912	361382	359761	358320	356699	354830	352962	350828	348515	346222	343762	341215	338758
1964	173494	171859	170225	168493	166833	165112	163282	161423	159389	157253	155150	152989	150694	148359	146149	144032	141971	139942	138036	136237	134425	132672	130918	129359	127903	126799	126146	125551	124819	124037	123159
1965	283192	283990	285027	285903	286700	287497	288215	288694	288937	288937	288613	288055	287577	287178	287019	287099	287338	287736	287418	286700	285824	284628	283511	282555	281598	280250	278838	277346	275934	275463	275463
1966	188645	187251	185799	184165	182476	180671	178938	177276	175661	173855	171977	170111	168198	166415	164760	163174	161713	160085	158525	156803	154921	153053	151198	149748	148360	146872	145229	143652	142194	140905	139678
1967	481816	488526	494435	502621	508724	512596	516271	519305	521370	522893	524201	525620	527369	529559	531864	534174	536268	537262	537593	536698	538035	537041	535717	534504	533293	532413	531205	529699	528573	527697	526275
1968	223721	221845	219978	218257	216543	214769	212934	211041	209022	206947	204884	202699	200724	198498	196415	194409	192477	190620	188836	187251	185610	183914	181977	179804	177829	175744	173916	172098	170652	169213	167899
1969	570688	573882	575253	576168	576626	577084	577199	577428	577428	577314	576970	576397	576970	578116	577428	576512	575024	573539	572284	571144	570005	570232	568867	566936	565121	562744	560710	558567	556541	554183	551493
1970	315949	315022	314098	313090	311917	310496	308912	307497	306087	305093	304101	302698	301053	299494	297857	295981	294355	292815	291199	289587	287820	285818	283666	281443	279383	277498	275380	273194	270785	268234	265849
1971	234944	234015	233230	232376	231382	230107	228765	227288	225745	224209	222747	221291	219840	218257	216817	215177	213748	212528	211311	209828	208218	206614	204817	203095	201381	199544	197716	195896	193957	191900	189918
1972	112258	111166	110083	108962	107804	106567	105339	104208	102998	101798	100565	99342	98004	96720	95406	93983	92374	91140	89683	88048	86702	85446	84391	83345	82198	80953	79866	78861	77936	77019	76040
1973	398974	397933	396516	395195	393783	392091	390685	388907	386946	385084	383133	380910	378417	375840	373181	370166	367163	364173	362908	360385	357064	353491	350645	346927	344195	340774	337195	333721	329835	326228	322896
1974	470913	470191	469160	468028	466583	465049	463512	461262	459426	457187	455055	452726	450504	448288	446178	444073	441773	439579	437391	434912	432341	430172	427910	425948	424382	422331	420091	417663	415242	412925	410999
1975	337282	336064	335022	333461	332078	330696	329404	328029	326571	325115	323162	321195	319582	317721	314434	312420	310162	307830	305507	303028	300560	298102	295575	292815	289969	287098	284223	281364	278442	275537	272805
1976	130996	129436	128037	126550	124779	122829	120756	118705	116676	114669	112869	110904	108873	107176	105717	104401	103227	102060	100860	99585	98446	97107	95739	94343	93163	92073	91272	90355	89722	89170	88737
1977	78023	77521	76878	76133	75392	74691	73891	73053	72070	71053	69945	68949	67831	66791	65762	64808	63894	62928	61941	61025	60209	59342	58513	57808	57052	56360	55675	54966	54237	53514	52799
1978	485035	485874	486084	486294	487029	488080	488712	489132	489975	490608	490608	490186	490502	491030	491451	491346	490818	489659	488080	486189	484406	482627	480851	478766	477309	476581	475439	473366	470780	468614	
1979	411663	409408	407256	404916	402873	400642	398707	396487	393792	391106	388812	386238	383863	381306	378663	375653	372564	369206	365587	362446	358769	355383	351925	348753	345506	342008	338350	334798	331269	327844	324352
1980	583870	585264	585381	584451	582592	580161	577965	575543	573010	570138	567732	565327	562702	560311	558151	556564	555883	555883	555996	555316	554182	553505	553052	552600	552034	551130	550342	548988	546962	544266	540904
1981	281644	279872	278106	276426	274353	272210	269918	267794	265447	263031	260551	258007	255555	252963	250688	248275	245951	243936	242079	240230	238243	236338	234515	232410	230532	228807	227018	225095	223252	221208	219244
1982	559616	559061	558492	557810	557356	556677	556110	555542	554862	554069	553279	552373	551356	550116	548762	547525	546062	544153	542136	539896	537328	534655	532099	529882	527226	524797	522264	519846	517434	514917	512295
1983	627576	627696	628659	629623	630705	630825	629141	626256	622658	617995	612995	608252	604114	600108	595179	589220	583521	576925	570827	564644	558492	553279	547863	541688	535546	529992	525460	522044	519956	518967	518528
1984	395041	394367	393792	393023	391871	390436	388621	386334	384053	381874	379606	377346	375465	373498	372377	372377	371442	370602	369485	368554	367813	366512	365217	364384	362907	361250	359685	358035	356297	355018	353470
1985	365587	363461	361432	359042	356663	354470	352196	349659	347129	344968	342545	340042	337726	335241	332325	329599	326883	324352	321746	319409	317340	314935	312115	309390	306679	303898	300877	297789	294390	291011	288060
1986	551243	550003	548875	548088	547412	545949	544041	541688	539004	536104	533433	531213	528995	526452	523584	520176	516557	512732	509140	505666	502204	498647	495745	492744	489751	486554	483260	479874	476391	473026	469360
1987	252051	250461	249028	247374	245951	244234	242599	240748	238977	237216	235244	233353	231398	229526	227447	225166	222899	220928	219106	217083	215349	213486	211632	209924	208224	206466	204716	203042	201377	199719	198268
1988	142287	141064	139796	138326	136711	135211	133619	132090	130775	129369	127825	126390	124820	123215	121672	120285	118767	117308	115677	113923	112142	110380	108727	107178	105645	104299	103223	102069	100967	99999	99120
1989	171438	170717	169879	168984	168091	167025	165668	164026	162568	161235	159966	158704	156765	155293	153998	152711	151208	149625	148341	146866	145456	144161	142875	141436	139849	138326	136763	135314	133926	132497	130977
1990	89189	88648	88071	87459	86810	86129	85338	84478	83771	83328	82739	82116	81534	80882	80304	79659	78947	78169	77326	76489	75797	75006	74222	73444	72537	71772	70979	70192	69445	68606	67775
1991	170597	170179	169939	169760	169580	169222	168806	168151	167262	166374	165492	164669	163909	163149	162219	161061	159851	158646	157560	156765	155745	154616	153437	152097	150598	148999	147357	145781	144054	142340	140695
1992	142768	142022	141171	140271	139481	138693	137908	137074	136347	135726	134953	134285	133721	133210	132548	131787	130876	129921	128820	127626	126390	124967	123700	122635	121672	120715	119571	118296	116982	115492	114015
1993	416883	416784	416784	416685	416388	416388	416290	416191	415996	415897	415699	415206	414219	412646	410781	409016	407061	404916	402582	400157	397740	395234	392831	390723	388908	386810	384623	382345	380076	378003	376123
1994	236625	234442	232482	230460	228592	226732	224811	222828	220717	218546	216388	214243	212043	209924	207817	205724	203711	201643	199521	197478	196516	193693	191946	190144	188289	186361	184549	182604	180609	178627	176658
1995	509249	513168	517105	521713	526231	530880	534989	538445	542694	546512	548649	549552	549552	549439	549213	549213	549777	551921	551921	551020	550442	550229	549326	548201	546512	544078	542024	540456	539116	537775	535992
1996	519956	517653	516133	512732	510117	507509	504907	502204	499399	496280	493491	490924	488576	486234	483579	480507	477549	474393	471244	468314	465184	461753	458129	454414	450920	447642	444784	442035	439194	436463	433540
1997	479657	477549	475443	473657	472083	469986	467791	465601	463104	460406	457819	455651	453695	451432	448769	445907	442850	440107	437879	435556	432835	430323	428019	426618	424723	422632	420348	417971	415600	413040	410388
1998	537775	540008	542136	543929	544828	545612	546399	547525	549439	551695	553166	553955	555089	556223	557469	558492	559403	560652	561564	561906	562134	561906	562362	562474	562020	560994	559655	558606	557015	555089	552939
1999	322962	321399	319755	317857	316224	314508	312625	310835	308881	307271	306004	304738	303393	301965	299873	297789	295713	293693	292162	290436	288551	286755	285291	283991	282696	281162	279389	277146	274672	272289	270313
2000	276586	274513	272289	270155	268030	265758	263574	261711	260010	258161	256396	254638	252659	250612	248877	246624	244383	242228	240083	238022	235972	234078	232192	230244	228161	225878	223606	221489	219524	217499	215488
Max.	627576	627696	628659	629623	630705	630825	629141	626256	622658	617995	612995	608252	604114	600108	595179	589220	583521	576925	572284	571144	570005	570232	568867	566936	565121	562744	560710	558606	557015	555089	552939
Min.	39372	38886	38473	37955	37283	36519	35830	35204	34588	34147	33565	32963	32302	31723	31280	30802	30487	30228	29970	29730	29471	29175	28903	28603	28284	27948	27523	27089	26650	26209	25804
Ave.	305529	304959	304316	303677	302876	301978	300965	299812	298592	297322	295988	294571	293155	291727	290198	288678	287131	285626	284062	282446	280746	279088	277397	275708	273978	272192	270436	268666	266855	265065	263272

ISABELLA RESERVOIR
KERN RIVER BASIN, CALIFORNIA
MIDNIGHT STORAGE

AUGUST

Units in acre-feet

Year	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
1954	44513	43448	42436	41226	40016	38770	37930	37279	36418	35536	34740	33880	33010	32269	31566	30882	30160	29495	28878	28338	27852	27438	27114	26753	26286	25783	25290	24899	24508	24083	23573
1955	25439	25100	24648	24212	23847	23647	24115	24115	24051	23816	23585	23339	23123	22784	22342	21886	21490	21123	20723	20318	19926	19522	19243	19030	18869	18763	18750	18750	18710	18683	18657
1956	250828	248831	246920	244863	242659	240492	237964	235435	232949	230606	227914	225261	222538	219704	216821	213880	210912	208010	205154	202170	199610	198698	197655	196548	195440	194337	193121	192032	190880	189727	188639
1957	146803	145715	144684	143490	142242	141212	140100	139095	138142	137464	136660	135920	135199	134477	133600	132826	132001	131125	130162	129359	128456	127552	126799	126046	125258	124379	123500	122671	121889	121255	120866
1958	367437	363363	359220	355275	351362	347715	344641	341742	338844	335809	332513	329402	326320	323409	320430	318149	315362	312834	310335	307585	304509	301634	298677	295816	292984	289989	287099	284229	281678	279465	277346
1959	93334	92614	91734	90935	89987	89133	88436	87738	87000	86233	85518	84954	84316	83751	83187	82554	81899	81316	80734	80333	80005	79750	79568	79350	79095	78884	78637	78426	78215	78073	77862
1960	56001	54244	53475	52717	52014	51284	50525	49664	48779	47868	46839	45869	45025	44277	43674	43115	42604	42068	41557	41100	40696	40269	39798	39259	38799	38430	38063	37694	37305	36980	36644
1961	30606	29952	29415	28921	28532	28160	27806	27434	27038	26667	26531	26768	26751	26650	26430	26192	25871	25520	25293	25116	24970	24830	24954	25068	25164	25132	25100	24987	24841	24648	24390
1962	129158	128707	128054	127351	126749	126046	125209	124428	123500	122964	122280	121547	120866	120201	119632	119015	118493	117971	117450	116880	116215	115523	114877	114324	113771	113218	112618	112019	111334	110842	110394
1963	336166	333640	330952	328289	325721	323238	320937	319501	318572	316967	315108	312667	310335	307668	304837	301962	299170	296059	293226	290232	287258	284069	281120	278367	276012	273345	270710	267930	265536	263250	260591
1964	122182	121206	120248	119490	118635	117829	117307	116642	115891	115108	114186	113356	112664	112019	111468	110887	110260	109722	109051	108469	107931	107350	106732	106123	105426	104773	104119	103510	102988	102429	101837
1965	275463	274835	273737	272486	271251	270169	268934	267699	266231	264769	263858	263934	263782	263250	262566	261883	261047	260060	258996	257705	256357	254937	253667	252396	251127	249933	248757	247435	246259	244937	243541
1966	138353	137508	136302	135049	133806	132569	131289	130019	128606	127203	125712	124381	123158	121992	120690	119444	118161	116700	115485	114233	113082	111848	110669	109499	108249	107052	106040	104990	103862	102913	101970
1967	524419	522240	519848	517137	513893	510552	506900	503048	499104	494330	489262	484222	478688	473083	467410	461569	454954	448690	441973	435308	428499	421746	414855	408024	401821	396705	391435	386108	381280	377035	372815
1968	166474	164937	163408	161771	160085	158237	156459	154410	152433	150472	148582	146542	144520	142517	141066	139413	137772	136144	134686	133135	131749	131137	130577	130120	129715	129260	128756	128404	128103	127903	127703
1969	551157	548810	545800	542243	538256	534174	531534	528682	523983	519305	515730	511952	507436	503689	499424	495601	491582	487474	483175	478896	474326	469778	465151	460548	456171	451412	447282	443372	439380	435506	431650
1970	263477	261041	258618	255983	253288	250535	247799	245006	242014	239186	236449	233586	230956	228343	225815	223443	221084	218945	216612	214224	212054	209963	207883	205948	204088	202237	200396	198890	197650	196415	195184
1971	187821	185862	183789	181603	179618	177644	175744	173794	171857	169871	167899	165822	163936	162296	160607	158813	156917	155091	153222	151422	149603	148305	146982	145884	144792	143814	142840	142086	141334	140531	139678
1972	74967	74041	73191	72348	71512	70617	69697	68752	67784	66793	65812	64747	63693	62712	61922	61169	60512	59859	59210	58538	57870	57351	56380	55505	54694	53975	53480	53207	52908	52690	52528
1973	319837	317214	314686	312036	309912	307497	305341	302863	300314	298021	295981	293869	291602	289185	286618	284303	283268	280651	277970	275537	272805	270397	267540	265159	263172	261193	259374	258014	256659	255232	253835
1974	409174	407545	404677	402201	399922	397644	395007	392373	389842	386760	384247	381465	378694	375932	373181	370348	367618	364806	361736	359216	356616	354115	351800	349847	347634	345340	342702	340161	337543	335109	332942
1975	270088	267386	264700	261877	258920	255983	253064	250312	247799	245299	242742	240199	237455	234801	232305	229753	226866	223791	221014	218463	216133	213952	211986	210098	208084	206014	203889	201974	200527	199282	198041
1976	88346	87760	86945	86096	85330	84530	83848	83095	82272	81566	80900	80275	79617	79071	78456	77879	77270	76700	76062	75603	75111	74552	73995	73338	72548	71934	71357	70884	70414	69879	69214
1977	51981	51227	50427	49688	48751	47546	46412	45446	44470	43653	42964	42494	42074	41634	41221	40924	40878	40765	41015	41083	41106	41083	40947	40742	40561	40335	40110	39886	39663	39441	39242
1978	466556	464400	461839	459388	457045	454607	451973	449549	446728	444118	441415	438621	435736	432861	429903	426158	422826	419898	416979	414362	411367	408671	405697	402734	399877	397505	394856	392499	390055	387899	385843
1979	320707	317168	313566	309815	306340	302720	299123	295713	292162	288633	285372	282210	278989	275946	273083	270234	267558	265134	262332	259548	256703	253801	251067	248576	246474	244680	242894	241042	239345	237802	236631
1980	537775	534766	531435	528222	524356	520286	516009	512079	508379	504149	500046	495638	490817	485808	480930	476391	471768	466955	462169	457198	452254	447745	443159	438788	433941	429119	424025	419257	415008	411564	408528
1981	217432	215626	213692	212043	210470	208836	207142	205522	203711	201775	200050	198532	196955	195579	194082	192591	191107	189631	188161	186762	185623	184928	184299	183481	182604	181729	180920	180236	179555	178688	178011
1982	509249	506992	502420	498860	496206	491780	488790	485808	482520	478711	474709	470615	466955	463416	459688	456478	452871	449176	445396	441629	437980	434243	430725	427419	424224	421043	418169	415798	413433	410781	408137
1983	519616	521933	524245	526128	522925	520943	519297	518857	518309	518857	519077	518309	517653	516557	516338	516338	515790	515024	516776	518089	517653	516338	514042	511207	507726	504799	501879	498753	494993	492101	489323
1984	351834	349928	347939	345866	343689	341650	339239	336570	333827	331357	328721	326358	323656	321225	319582	317944	316310	314764	313823	313053	312200	311346	310326	309050	307949	306594	305076	303729	302217	300542	298790
1985	285291	282858	280839	278829	276746	274035	271340	268816	266541	264354	262254	259932	257624	255402	253267	251370	249632	247975	246251	244458	242671	240748	238905	237215	235461	233714	232047	230316	229022	227518	226163
1986	465601	462065	458336	454723	451229	447438	443764	440107	436564	433036	429822	426818	423825	420845	417971	414910	411957	408918	406086	403160	400448	397643	395041	392447	389862	387094	384433	381685	379040	376781	374623
1987	197086	195775	194342	193044	191688	190208	188864	187587	186191	184738	183167	181604	180236	178997	177949	176781	175497	174157	172643	171559	170717	169999	169222	168389	167616	166907	166197	165550	164904	164377	163850
1988	97999	97050	96027	96011	94204	93360	92683	92850	90944	90161	89460	88725	88148	87534	86925	86356	85638	84925	84217	83587	82886	82116	81570	81243	80989	80882	81025	80989	80882	80845	80629
1989	129469	127974	126588	125359	124284	123119	121817	120142	118578	117543	116561	115585	114429	113190	112052	111011	110112	109395	108771	108194	107575	107002	106388	105776	105296	104862	104429	103954	103524	103094	102794
1990	66888	65979	65202	64647	64095	63486	62881	62281	61595	60915	60241	59572	58879	58221	57540	56921	56418	55863	55313	54711	54222	53899	53630	53389	53175	52962	52671	52353	52038	51724	51515
1991	138965	137178	135417	133721	131989	130323	128570	126736	124918	123071	121288	119525	117637	115817	114061	112507	111327	110246	109173	108127	107796	107222	106739	106169	105601	104992	104429	103954	103567	103223	103009
1992	112688	111373	110067	108816	107442	106125	104776	103438	102155	100840	99915	99204	98537	97874	97380	97050	96435	95538	94727	94204	93661	93121	92603	92206	91810	91455	91062	90669	90317	89966	89615
1993	374060	371629	369020	366512	364014	361616	359685	357669	355566	353288	351017	348644	346768	344968	343171	341202	339150	337282	335241	333119	331357	329511	327583	325572	323308	321139	319323	317599	315794	313737	311773
1994	174583	172402	170238	168151	166138	164143	162103	160024	157960	155915	153886	151985	150322	148615	146812	145077	143410	141915	140642	139534	138535	137543	136503	135314	134183	133108	132192	131432	130624	129870	129120
1995	533544	530547	526783	522925	519407	515462	510989	506534	501988	496925	492208	487406	482414	477655	472501	466854	461340	456374	451843	447540	443664	439904	436260	433036	429721	426418	422931	419356	415798	412351	409016
1996	430424	427419	424423	421439	418466	415008	411564	408332	405111	401804	398610	395523	392351	388908	385286	381874	378851	375935	372845	369765	366791	364199	361800	359410	356936	354470	352107	349749	347400	345148	343084
1997	407647	404721	401610	398613	395330	392351	389290	386238	383199	380265	377158	374247	371722	369299	366884	364661	362261	359502	356844	354199	351743	349367	347038	344788	342635	340489	338350	336306	334533	332854	331180
1998	550681	549100	548762	547976	546962	544490	540792	537552	533767	529549	525349	521383	516995	512841	508270	504149	499399	494457	490071	485383	481036	476813	472296	468000	463208	458440	453901	449381	445192	440513	436061
1999	268344	265914	263420	261015	258623	256473	254638	252811	250840	248726	246624	244829	243266	242005	240378	238243	236265	234515	233135	231903	230748	229597	228233	226661	225166	223819	222688	221489	219804	217988	216458
2000	213555	211769	209924	208157	206263	204313	202308	200382	198532	196561	194667	192850	190978	189118	187271	185307	183355	181292	179245	177272	175436	173914	172583	171438	170537	169879	169102	168329	167440	166552	165786
Max.	551157	549100	548762	547976	546962	544490	540792	537552	533767	529549	525349	521383	517653	516557	516338	516338	515790	515024	516776	518089	517653	516338	514042	511207	507726	504799	501879	498753	494993	492101	489323
Min.	25439	25100	24648	24212	23847	23647	24115	24115	24051	23816	23585	23339	23123	22784	22342	21886	21490	21123	20723	20318	19926	19522	19243	19030	18869	18763	18750	18750	18710	18683	18657
Ave.	261549	259804	257958	256080	254115	252089	250099	248174	246127	244075	242077	240101	238099	236136	234179	232262	230328	228379	226519	224703	222894	221182	219468	217789	216129	214518	212939	211425	209956	208558	207214

ISABELLA RESERVOIR
KERN RIVER BASIN, CALIFORNIA
MIDNIGHT STORAGE

SEPTEMBER

Units in acre-feet

Year	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
1954	23182	22774	22365	21980	21590	21200	20788	20410	19962	19500	19092	18684	18384	18000	17712	17364	17023	16715	16418	16187	15934	15659	15384	15054	14735	14449	14163	13877	13591	13349	
1955	18643	18617	18590	18550	18324	18080	17877	17625	17347	17044	16646	16287	16012	15773	15626	15469	15333	15232	15187	15176	15165	15154	15131	15120	15097	15086	15029	14916	14815	14714	
1956	187562	186494	185550	184482	183413	182219	180855	179621	178448	177337	175856	174704	173494	172222	170891	169680	168612	167426	166001	164696	163457	162295	161074	160086	158982	157822	156799	155776	154695	153728	
1957	120343	119669	119300	118683	118066	117402	116785	116168	115523	114923	114370	113863	113448	113079	112711	112296	111973	111650	111379	111065	110797	110529	110215	109901	109499	109141	108693	108290	107842	107439	
1958	276463	273580	271637	269397	267544	265845	264313	263478	262718	261807	260743	259528	258465	257402	256506	255236	253966	252695	251201	249933	248537	246994	245671	244496	243541	242442	241575	240636	239625	238614	
1959	77616	77264	76912	76559	76277	75995	75749	75539	75403	75232	75130	75198	75266	75198	75130	75028	74994	74960	74926	74892	74824	74790	74756	74688	74654	74586	74484	74416	74347	74313	
1960	36331	35997	35768	35559	35330	34996	34688	34428	34207	34066	33965	33946	33906	33766	33484	33303	33143	32963	32764	32552	32321	32090	31877	31704	31530	31357	31164	30971	30802	30654	
1961	24099	23893	23677	23416	23092	22738	22357	21960	21564	21123	20667	20234	19954	19786	19618	19442	19283	19269	19200	19150	19057	18963	18856	18803	18790	18710	18643	18550	18431	18364	
1962	109946	109409	108782	108110	107395	106732	106035	105426	104817	104163	103467	102857	102133	101540	100990	100481	99930	99370	98914	98575	98202	97790	97420	97008	96638	96226	95814	95526	95320	95114	
1963	258920	257253	255385	253691	252396	251201	250305	249271	248096	246626	245084	243541	242009	240636	239119	237674	236374	235293	234725	233731	232665	231245	229966	228475	226657	224982	223097	221077	219086	217027	
1964	101455	101286	101244	101159	101074	100947	100778	100566	100396	100226	100099	99888	99591	99295	99083	98787	98532	98366	98243	98078	97955	97790	97667	97543	97461	97379	97255	97131	97049	96967	
1965	242154	240853	239552	238325	237097	235724	234441	233304	232239	231174	230109	228922	227914	226657	225400	224004	222817	222049	221008	220322	219361	218331	217233	216066	214761	213475	212126	210777	209764	208954	
1966	101330	100862	100439	99974	99553	99007	98422	97963	97423	96968	96472	95979	95447	95039	94713	94347	94023	93579	93297	92975	92654	92374	92095	91736	91299	90863	90469	90076	89605	89175	
1967	368436	364987	361285	357691	354472	351000	347280	343316	339462	335543	331732	328544	325201	322130	319159	315949	313007	310246	307414	304679	301875	299084	296470	293869	291360	288702	285978	283030	279861	276712	
1968	127502	127203	126904	126555	126208	125910	125563	125416	125120	124837	124627	124431	124185	124087	123940	123891	123793	123598	123451	123207	123061	123012	122963	122915	122866	122817	122671	122574	122380	122186	
1969	427910	424382	420772	417178	413793	410518	407449	404677	401821	399069	396610	394253	391810	389187	386667	384061	381558	378970	376392	373913	371626	369619	367345	365259	363360	361105	358857	356706	355186	354382	
1970	193828	192477	191196	189600	188519	187378	186303	185232	184227	183413	182725	181915	181044	180175	179185	178383	177583	176723	175866	175133	174524	173916	173127	172521	171796	171254	170772	171171	169692	169093	
1971	138882	138068	137561	137035	136511	135988	135466	135049	134582	134064	133599	133083	132620	132056	131340	130577	129968	129260	128605	127953	127502	127003	126555	126059	125515	125021	124726	124332	124038	123744	
1972	52528	52528	52501	52420	52339	52258	52555	52663	52663	52582	52474	52447	52420	52366	52312	52231	52150	51989	51855	51748	51641	51506	51321	51135	51003	50844	50739	50633	50528	50397	
1973	252915	252170	251129	250164	248960	247799	246474	245373	244128	242814	241577	240271	239186	237959	236880	235731	234729	233729	232732	231665	230956	230107	229471	228554	228061	227358	226516	225675	224488	223443	
1974	330669	328802	326399	323834	321280	318905	316707	314434	312169	309912	307747	305590	303440	301464	299740	297939	296307	295005	293625	292491	291521	290392	289667	288381	287018	285579	284223	282791	281285	279624	
1975	196675	195443	194280	193184	192285	191324	190492	189727	189154	188709	187884	187188	186556	185862	185169	184451	183851	183225	182538	181852	181292	180485	179804	179185	178568	178013	177460	176907	176417	175866	
1976	68487	67799	67146	66565	66083	65507	65061	64681	64523	64713	65316	67375	68257	68553	68619	68586	68553	68520	68553	68553	68520	68520	68520	68586	68520	68520	68520	68487	70012	70280	
1977	39088	38934	38780	38649	38540	38453	38323	38193	38085	37977	37826	37762	37633	37462	37356	37228	37143	37101	37016	36932	36848	36764	36721	36700	36658	36595	36533	36491	36407	36386	
1978	383979	382213	380543	379061	382120	388461	391652	393158	394196	394573	395139	395423	395234	394478	393441	392687	391276	390055	388555	386871	385097	383421	381563	379709	377860	375924	374176	372158	370237	368230	
1979	235607	234806	233932	233062	232265	231543	230748	230172	229454	228735	227948	227089	226234	225451	224811	224102	223323	222547	221841	221208	220576	219874	219314	219036	218686	218546	218337	217918	218057	218267	
1980	405306	401901	398417	394945	391778	388908	386238	383483	380927	378474	376029	373685	371536	369206	366791	364569	362261	359594	357119	354562	352377	350019	347400	344878	342456	340042	337637	335330	332854	330388	
1981	177334	176720	176292	175925	175741	175558	175436	175191	174949	174827	174705	174522	174279	174097	173975	173793	173672	173430	173188	172946	172704	172402	172281	171980	171920	171920	171920	171800	171619	171498	
1982	405696	403360	401224	399479	397740	395812	393600	391490	389099	387189	385382	383388	381117	378663	375935	373404	371069	369020	366791	364661	362538	360421	358219	356480	358402	369020	374247	375559	376029	375465	
1983	486660	484322	481778	478817	475654	472186	468837	465601	462688	459784	456992	453901	450612	447642	444580	441527	438487	435455	432332	429119	425821	422632	419158	416094	412646	409212	405696	402096	399092	396391	
1984	297625	296627	295550	294390	293234	292079	291011	290271	289453	288469	287570	286755	285859	285372	285209	284965	284965	284803	284722	284315	284234	283991	283263	282615	281887	281081	280355	279631	278748	277545	
1985	224740	223394	221982	220928	220155	219594	219106	218546	217778	216805	216180	215833	215626	215280	214934	214381	213417	212660	212181	211495	211015	210197	209311	208360	207546	206668	205656	204985	204313	203510	
1986	372377	370231	367906	365773	364014	362446	360697	358677	356663	354835	353197	351571	349840	348211	346497	344698	343261	341739	340221	338882	337637	336306	334887	333915	332413	331180	330212	329072	328019	326970	
1987	163383	162743	162045	161640	161177	160714	160253	159909	159563	159161	158704	158417	158131	157789	157389	156992	156537	156084	155746	155293	154954	154559	154111	153605	153157	152822	152487	152152	151708	151208	
1988	80268	80089	79982	79803	79481	79089	78734	78415	78169	77922	77746	77535	77396	77256	77151	77046	76906	76697	76489	76212	75935	75762	75625	75522	75384	75281	75178	75178	75109	75075	
1989	102582	102368	102069	101771	101475	101094	100798	100503	100251	99999	99789	99579	99329	99037	98828	98912	98787	98828	98828	98745	98662	98496	98289	97874	97503	97091	96681	96190	95864	95497	
1990	51437	51359	51255	51125	50996	50867	50712	50558	50404	50250	50097	49893	49689	49538	49336	49209	49159	49083	49033	49008	48983	48933	48908	48908	48883	48833	48783	48783	48783	48758	
1991	102794	102709	102453	102155	101942	101814	101686	101644	101518	101306	101221	101094	100925	100798	100713	100629	100461	100377	100251	100083	99747	99455	99204	99037	98912	98703	98579	98495	98413	98330	
1992	89344	89034	88802	88570	88379	88225	88032	87879	87802	87687	87572	87459	87344	87268	87153	87039	86886	86734	86696	86544	86356	86129	85789	85488	85150	84813	84552	84403	84254	84105	
1993	309986	308204	306594	305076	303645	302300	300877	299374	297873	296544	295301	294141	292904	291505	290107	288633	287327	286185	285128	283991	282858	281644	280356	279070	277865	276666	275150	273637	271972	270313	
1994	128371	127626	126883	126193	125506	124869	124284	123700	123071	122587	122153	121769	121432	121145	120857	120667	120476	120285	120047	119761	119430	119145	118956	118767	118625	118483	118389	118201	118060	118296	
1995	405891	403360	401030	399576	397547	395041	392543	390149	387762	385191	382535	379890	377158	374529	371909	369392	366884	364106	361339	358861	356663	354744	352832	350926	348753	346407	344069	341560	339507	337548	
1996	341292	339328	337282	335153	332854	330740	328808	326883	324963	322962	320967	318893	316996	315193	313395	311432	309560	307864	306089	304233	302552	300961	299374	297625	295796	294059	292491	290929	289453	288060	
1997	329335	327756	327320	326183	324876	323743	322363	320621	318977	317254	315450	313908	312710	311517	310071	308711	307441	306256	304991	304064	303141	302217	301128	300040	299290	298706	298206	297625	296793	295879	
1998	431929	428119	424324	421538	419356	417080	414712	412154	409800	407452	405111	402970	400545	397837	395426	393119	390723	388430	386429	384528	382440	380455	378474	376687	374716	373123	371536	369858	368092	366420	
1999	215211	213899	212729	211837	211152	210265	209242	208157	207006	205724	204447	203310	202174	201177	200163	199190	198071	197086	196168	195189	194277	193369	192591	191881	191236	190594	189823	188928	188034	187207	
2000	165080	164319	163558	162801	162151	161582	161119	160599	160139	159621	158932	158131	157334	156481	155745	155067	154392	153661	152934	152264	151430	150709	150101	149494	148945	148231	147466	146757	146106	145564	
Max.	486660	484322	481778	478817	475654	472186	468837	465601	462688	459784	456992	453901	450612	447642	444580	441527	438487	435455	432332	429119	425821	422632	419158	416094	412646	409212	405696	402096	399092	396391	
Min.	18643	18617	18590	18550	18324	18080	17877	17625	17347	17044	16646	16287	16012	15773	15626	15469	15333	15232	15187	15176	15165	15154	15131	15120	15097	15086	15029	14916	14815	14714	
Ave.	206966	204797	203640	202527	201562	200662	199716	198759	197800	196833	195893	195014	194102	193174	192251	191326	190425	189551	188691	187836	187015	186176	185329	184507	183753	183186	182509	181746	180987	180235	

ISABELLA RESERVOIR
KERN RIVER BASIN, CALIFORNIA
MIDNIGHT STORAGE

OCTOBER

Units in acre-feet

Year	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
1954	13110	12900	12674	12465	12243	12000	11777	11512	11317	11122	10943	10790	10710	10694	10718	10742	10774	10799	10816	10824	10824	10816	10816	10816	10816	10816	10841	10867	10900	10900	10900
1955	14614	14529	14434	14360	14317	14264	14264	14264	14264	14254	14233	14211	14201	14180	14158	14148	14127	14106	14085	14064	14043	14032	14011	14000	13990	13969	13947	13937	13916	13894	13873
1956	152591	151583	150750	149916	149193	148359	147971	147415	146748	146095	145390	144901	144358	143761	143273	142676	141971	141053	140206	139518	138618	137666	136819	135972	135147	134373	133606	133188	132878	132775	132775
1957	106994	106558	106079	105644	105209	104773	104381	104076	103858	103684	103510	103380	103336	103336	103293	103249	103206	103075	102944	102857	102726	102599	102472	102429	102387	102387	102387	102387	102344	102260	102217
1958	237313	236302	235579	234796	233873	232807	231813	230748	229753	228759	227775	226657	225540	224353	223097	221700	220322	218811	217370	215929	214487	213205	212193	211586	210709	209967	209089	208213	207342	206679	206083
1959	74245	74177	74109	74075	74006	73938	73904	73836	73768	73700	73666	73632	73598	73564	73530	73462	73428	73360	73292	73224	73190	73122	73088	73020	72985	72917	72849	72815	72747	72679	72610
1960	30543	30432	30302	30173	30062	29970	29933	29915	29896	29878	29859	29822	29804	29785	29767	29748	29730	29711	29693	29674	29656	29637	29619	29582	29563	29526	29508	29489	29452	29452	29434
1961	18364	18364	18364	18351	18324	18298	18271	18231	18193	18168	18143	18118	18105	18092	18092	18080	18054	18029	17991	17953	17902	17877	17852	17839	17814	17789	17764	17751	17739	17713	17701
1962	94826	94373	93973	93573	93134	92774	92374	92014	91654	91095	90535	89987	89521	88978	88630	88203	87815	87427	87039	86690	86308	86045	85857	85631	85443	85255	85142	84992	84954	84842	84766
1963	214556	212126	209899	207409	206287	202899	200653	198438	196416	194465	192864	191392	189984	188639	187060	186368	186620	186431	185739	185048	184293	183350	182533	181719	180855	179868	179127	178818	178201	177646	177090
1964	96884	96843	96802	96720	96638	96596	96514	96391	96226	96144	96020	95938	95855	95773	95690	95608	95526	95484	95402	95361	95320	95278	95196	95155	95114	95032	95073	95196	95196	95196	95196
1965	208078	207210	206083	204822	203562	202369	201175	200066	198894	197851	196874	195701	194583	193313	192160	190880	189727	188511	187625	186682	185739	184796	183916	182973	182093	181164	180115	179127	178139	177152	176165
1966	88746	88358	87971	87662	87354	87086	86856	86703	86549	86359	86130	85902	85485	85220	84993	84842	84729	84616	84541	84466	84391	84353	84316	84316	84279	84241	84091	83979	83755	83531	83345
1967	273662	270475	267155	263706	260359	257186	254109	250906	247651	244421	241723	241359	240851	240416	239982	239475	238897	238392	237959	236880	235445	234300	233088	231736	230461	229259	228202	227077	226095	225186	224348
1968	121992	121895	121798	121557	121363	121267	121171	121074	120978	120930	120833	120737	120737	120737	120785	120737	120689	120641	120593	120545	120449	120401	120353	120257	120209	120161	120113	120066	120018	119922	119874
1969	351800	349315	347192	344811	342439	340074	337805	335195	332769	330352	328029	325543	322982	320346	317805	315359	313007	310747	308329	306004	303936	301628	299330	297041	294924	292653	290634	288943	287579	285978	284064
1970	168734	168257	167899	167483	167007	166296	165822	165173	164583	164230	163878	163525	163232	162881	162530	162238	162004	161713	161421	160956	160549	160259	159969	159796	159333	159333	159160	158813	158468	158237	158122
1971	123598	123451	123304	123207	123061	122963	122817	122720	122623	122477	122331	122234	122089	121895	121798	121702	121557	121460	121412	121412	121412	121412	121315	121267	121267	121171	121074	121026	120930	120785	120689
1972	50265	50239	50213	50187	50213	50344	50344	50318	50239	50239	50187	50161	50161	50135	50056	50030	50056	50082	50108	50239	50318	50397	50449	50475	50475	50475	50475	50449	50475	50475	50397
1973	222261	220876	219633	218463	217091	215791	214769	214292	213816	213477	213138	212934	212799	212595	212460	212392	212257	212054	211986	211784	211581	211446	211243	210973	210771	210501	210367	210098	209963	209761	209157
1974	277498	275537	273896	272493	271018	269237	268311	266771	265389	263935	262715	261573	260283	259072	257864	256584	255307	253960	252691	251203	250164	249349	248536	247799	246915	246327	245593	245593	245006	244494	242762
1975	175820	175276	174914	174492	174251	173831	173251	173231	173111	172931	172871	172931	172871	172931	172931	172931	172811	172692	172632	172453	172273	172154	172094	172094	171975	171796	171855	172034	172094	172094	172214
1976	70447	70447	70481	70481	70514	70548	70649	70649	70514	70380	70280	70213	70179	70079	70012	70012	70012	69945	69945	69979	69945	69945	69912	69812	69778	69712	69745	69712	69645	69645	69612
1977	36407	36407	36345	36345	36303	36261	36261	36282	36282	36261	36240	36220	36178	36136	36116	36074	36033	35991	35909	35847	35826	35826	35805	35785	35764	35743	35723	35702	35620	35620	35620
1978	366229	364142	361971	359808	357561	355232	353000	350775	348381	345907	343618	341337	339063	336972	334627	332376	330050	327903	325677	323459	321419	319301	317107	314836	312658	310488	308326	306089	303614	301395	299594
1979	217918	217709	217569	217432	217292	217083	216805	216527	216249	216041	215763	215557	215280	215003	214657	214312	213899	213348	213072	213417	213624	213624	213348	213210	212935	212729	212454	211975	212112	211769	211769
1980	327931	325484	323136	320681	318634	316138	313652	311091	308456	306004	303561	300793	297708	294804	292739	291093	289615	288060	286674	285128	283585	282129	280758	279389	277865	276506	275388	273955	282686	271103	269997
1981	171800	171498	171258	171198	171137	171017	170897	170777	170717	170478	170418	170478	170418	170478	170298	170179	170119	170059	169999	169939	169819	169700	169520	169341	169222	168984	168984	169162	169281	169281	169162
1982	374716	373779	372564	370975	369485	367441	365495	363736	361892	360053	358219	356297	354381	352377	350472	348663	346587	344608	342456	340132	337548	334710	331621	328721	325659	323482	321485	318893	315966	314337	313395
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ISABELLA RESERVOIR
KERN RIVER BASIN, CALIFORNIA
MIDNIGHT STORAGE

NOVEMBER

Units in acre-feet

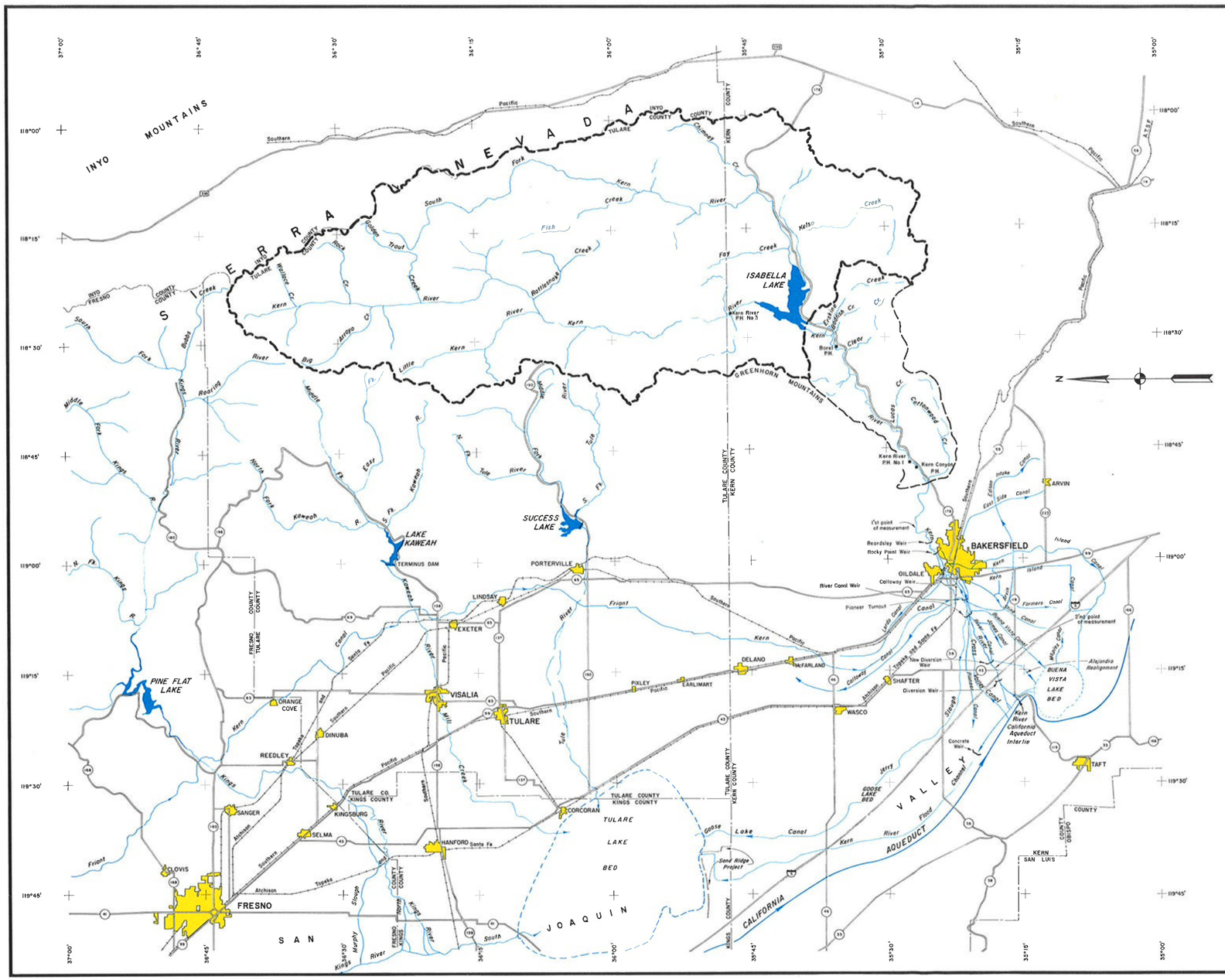
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Ave.	159646	159115	158690	158263	157785	157345	156896	156469	156027	155605	155206	154783	154390	154008	153645	153253	152917	152659	152357	152030	151759	151585	151365	151201	151083	150872	150596	150352	150146	150088	

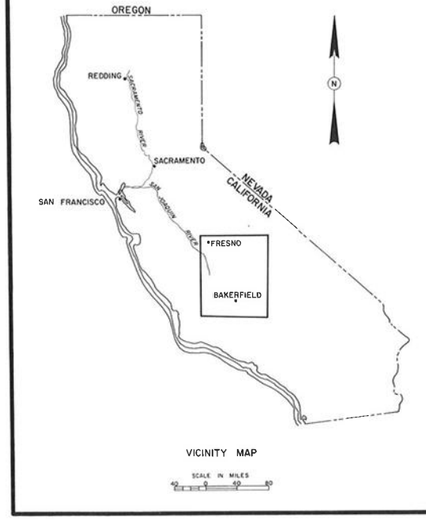
ISABELLA RESERVOIR
KERN RIVER BASIN, CALIFORNIA
MIDNIGHT STORAGE

DECEMBER

Units in acre-feet

Year	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
1954	8637	8537	8558	8600	8607	8600	8607	8607	8621	8649	8649	8649	8656	8656	8656	8663	8663	8663	8670	8670	8677	8684	8684	8670	8670	8670	8670	8670	8670	8670	8670
1955	12814	12863	12863	12863	12863	13419	13863	13905	14487	14646	14669	14680	14680	14680	14669	14657	14657	14646	14646	14657	14657	14871	39080	51798	59205	64531	69135	72406	74960	76912	78567
1956	131125	131125	131021	130970	130970	130918	130918	130867	130765	130715	130715	130715	130765	130765	130664	130664	130614	130614	130564	130564	130514	130464	130464	130413	130413	130413	130413	130363	130363	130313	130313	130313
1957	101244	101201	101201	101159	101328	101286	101286	101286	101286	101244	101201	101117	101117	101074	101201	101328	101540	101582	101582	101540	101497	101455	101455	101413	101413	101413	101413	101413	101413	101413	101413
1958	199154	199089	199089	199024	198894	198894	198894	198829	198698	198698	198763	198763	198763	198763	198698	198633	198633	198568	198503	198503	198503	198503	198503	198438	198373	198307	198242	198242	198177	198112	198112
1959	71805	71772	71739	71706	71674	71641	71608	71575	71542	71509	71509	71476	71443	71410	71410	71377	71377	71377	71344	71476	71476	71476	71509	71608	71608	71608	71608	71575	71575	71641	71608
1960	29378	29360	29341	29341	29323	29304	29286	29286	29286	29286	29286	29304	29304	29304	29304	29286	29267	29267	29267	29267	29267	29249	29230	29230	29212	29212	29193	29175	29156	29138	29119
1961	17575	17663	17650	17638	17638	17625	17626	17613	17613	17600	17575	17575	17575	17575	17575	17562	17562	17562	17549	17549	17549	17549	17549	17549	17549	17549	17537	17537	17537	17524	17524
1962	83751	81714	83676	83676	83676	83676	83676	83638	83601	83563	83526	83526	83488	83450	83413	83375	83338	83300	83262	83225	83150	83112	83074	83037	82999	82924	82886	82886	82849	82849	82849
1963	170627	170467	170467	170406	170346	170346	170346	170285	170527	170527	170467	170467	170467	170467	170467	170467	170406	170346	170285	170285	170164	170104	170104	170043	170043	170043	169983	169983	169983	169983	170043
1964	94867	94949	94908	94867	94867	94826	94785	94785	94744	94744	94703	94661	94661	94620	94579	94579	94538	94497	94620	94620	94620	94661	95526	99973	103249	105122	112711	115523	116785	117687	118303
1965	170104	169983	169983	169983	169922	169922	169922	169922	169983	169983	169983	169922	169862	169862	169740	169561	169502	169502	169443	169502	169443	169443	169443	169443	169443	169443	169443	169443	170588	171012	171193
1966	82714	83011	84616	85295	111121	260358	292653	304514	311918	317467	321960	325372	328458	330869	333029	334848	336325	336760	336934	337195	337369	336760	335369	333288	331128	328888	326228	322897	319752	316623	313258
1967	200693	200330	200265	200068	200068	199937	199937	199871	199871	199806	199806	199806	199675	199282	199413	199544	199740	200265	200199	200199	200134	200068	200068	200068	200068	200068	200134	200134	200068	200002	199937
1968	119444	119397	119397	119397	119397	119397	119349	119683	120161	120593	121171	121605	121992	122623	123304	124087	124136	124087	124038	124038	123989	123989	124038	124185	124283	124431	124381	124431	124529	124480	124480
1969	225186	224976	224906	224767	224767	224697	224627	224557	224557	224488	224418	224418	224418	224488	224557	224557	224557	224557	224557	225326	225326	225815	225745	225605	225605	226235	226235	226025	225885	225675	225535
1970	160027	160491	160607	160782	161130	161946	162705	163467	164348	165291	166059	166651	167067	167304	167542	167899	168317	168615	168734	168914	169811	170171	170351	170532	170652	170953	171193	171434	171615	171857	172038
1971	120689	120641	120641	120593	120497	120497	120497	120449	120401	120401	120449	120689	120785	120785	120930	120930	120930	121026	121026	121026	121026	121219	121460	121943	122137	122186	122137	122089	121992	121992	122040
1972	52070	51989	51989	52636	52799	52935	53125	53289	53316	53316	53344	53371	53398	53426	53480	53562	53645	53810	51030	54334	54528	54722	54945	55113	55280	55308	55365	55533	55589	55589	55589
1973	204884	204817	204751	204685	204618	204552	204486	204353	204353	204287	204022	204083	204751	205482	205415	205415	205349	205349	205282	205216	205017	205083	205083	205083	205017	204950	204751	205282	205216	205748	205948
1974	224697	224697	224837	225885	225815	225535	225396	224976	224767	224627	224627	224552	224837	224837	224837	224837	224697	224697	224627	224697	224348	224348	224209	224139	224069	224139	224209	224209	224209	224209	223930
1975	170190	170249	170309	170309	170368	170368	170309	170249	170249	170249	170131	170071	170071	170131	169953	169953	169893	169953	169953	169953	169953	169953	169953	169953	170012	170131	170131	170190	170190	170131	170190
1976	68586	68553	68553	68520	68487	68454	68454	68389	68389	68356	68323	68257	68224	68192	68159	68126	68093	68061	68025	67995	67930	67897	67864	67831	67799	67766	67734	67701	67668	67766	67701
1977	34988	34967	34947	34907	34927	34907	34785	34805	34765	34745	34644	34644	34584	34504	34544	34504	35028	35702	35805	35743	35723	35764	35847	35888	35929	36033	38431	41634	42823	43438	43820
1978	248126	247825	247675	247149	247299	247224	246849	246326	246101	245951	245726	245577	245278	245128	245128	244829	245128	245577	245502	245427	245427	245427	245427	245352	245352	245352	245203	245278	245203	245054	244904
1979	209719	209583	209651	209379	209651	209719	209651	209651	209583	209515	209515	209311	209106	209106	209106	209106	209106	209038	209106	208768	208700	208836	208768	208700	208768	208700	208632	208632	208768	208632	208768
1980	230632	230460	230748	231543	231903	231903	231903	231903	231903	232047	232047	231975	232047	232047	232047	232120	231975	231686	231543	231254	230893	230604	230460	230316	230172	230028	229956	230028	230028	229956	229813
1981	167676	167676	167616	167499	167380	167321	167321	167380	167321	167380	167321	167025	167143	167203	167084	167203	167143	167084	166966	167025	167735	167499	167321	167203	167143	167025	166907	167143	167262	167794	168210
1982	267794	267168	266306	265056	263498	261170	258777	256243	253877	251825	249934	247900	247074	246399	245876	245577	245278	245203	244979	244904	245054	249934	256549	258546	259625	260551	261170	261480	261633	261711	261558
1983	300040	299123	299290	299040	298539	297956	297789	297542	297042	296039	297292	297625	296793	296378	295879	294886	294307	293399	292162	290847	289943	289043	288551	288224	293482	299541	303645	307356	309220	310579	311944
1984	254104	253724	253115	252507	251977	251143	250385	249481	248576	247975	247074	246326	245502	244904	244755	244979	245054	245128	245652	245577	245577	245577	245502	245502	245352	245352	245352	245278	245203	245054	244979
1985	191688	193304	194733	195059	195124	195059	194993	195189	195189	195320	195320	195254	195254	195320	195385	195450	195516	195385	195385	195385	195320	195320	195320	195254	195189	195189	195124	194993	195124	195385	195516
1986	245677	245203	245054	244979	244904	244979	245203	245203	245128	245054	244979	244904	244904	244829	244680	244606	244531	244458	244531	244531	244531	244458	244458	244458	244380	244383	244309	244309	244160	244160	244085
1987	142661	142768	142875	143303	143518	143464	143785	143731	143731	143624	143624	143731	143518	143410	143410	143357	143303	143303	143410	143410	143464	143357	143464	143357	143250	143303	143357	143357	143464	143464	143410
1988	73074	73007	73007	72939	72872	72906	72973	72839	72638	72671	72671	72671	72738	72705	72671	72805	72906	72805	72939	73107	73140	73040	73107	73816	74018	73849	73579	73579	73613	73477	73545
1989	89576	89460	89305	89189	88957	88725	88455	88186	87917	87649	87382	87115	86886	86734	86620	86544	86432	86356	86280	86280	86280	86280	86280	86242	86280	86204	86167	86129	86091	86053	85978
1990	46303	46303	46303	46279	46255	46255	46231	46207	46207	46183	46134	46134	46086	46110	46038	45966	45942	45895	45990	46086	46062	46062	46014	45966	46038	46158	46207	46134	46110	46062	46014
1991	92326	92206	92048	91929	91771	91573	91415	91415	91337	91258	91101	90865	90669	90434	90161	89888	89654	89576	89615	89654	89576	89499	89499	89460	89499	89499	89460	89499	89538	89615	89654
1992	82849	82703	82556	82519	82409	82336	82519	82409	82446	82482	82519	82482	82446	82409	82336	82226	82189	82262	82262	82262	82262	82226	82262	82262	82226	82153	82080	82080	82080	82226	82262	82262
1993	243787	243638	243415	243117	242969	242746	242599	242376	242228	242079	242376	242671	242746	242746	242894	242969	242969	242894	242820	242820	242820	242746	242746	242671	242671	242599	242525	242525	242525	242525	242525
1994	116328	116374	116374	116421	116374	116328	116281	116281	116141	115956	115910	115817	115724	115677	115631	115631	115585	115538	115538	115585	115585	115538	115492	115492	115585	115631	115631	115585	115585	115585	115585
1995	246474	246474	246399	245726	245427	245128	244680	244531	244383	244234	244085	244904	246251	246774	246924	247074	247074	247074	246924	246924	246924	246924	247074	247149	246999	246849	245774	246474	246474	246326	246474
1996	246474	245203	245128	244979	245054	245726	246474	246849	247224	249028	258700	262332	262954	262177	260861	259085	256779	254333	251597	248726	246326	246326	246924	246924	246999	246924	248953	250688	251294	252203	252811
1997	244904	244829	244755	244680	244979	245203	245352	246026	246251	246251	246101	245876	245652	245427	245352	245278	245054	244829	244680	244606	244531	244458	244458	244531	244531	244531	244458	243713	242969	242450	242525
1998	244904	244829	244680	244606	244680	244680	244606	244606	244680	244755	244755	244829	244904	245054	245054	245128	244979	244904	244829	244755	244606	244458	244531	244606	244680	244755	244904	244979	244979	244979	244904
1999	173672	173491	173370	173188	173127	173006	172885	172825	172583	172462	172341	172220	172160	172100	171980	171920	171860	171739	171679	171498	171198	170897	170717	170657	170597	170537	170358	170179	169999	169819	169341
2000	134438	134438	134337	134029	133772	133465	133159	132803	132497	132192	131736	131331	130927	130574	130273	130122	129971	129820	129670	129569	129469	129469	129469	129519	129519	129519	129469	129469	129469	129519	129519
Max.	300040	299123	299290	299040	298539	297956	297789	304514	311918	317467	321960	325372	328458	330869	333029	334848	336325	336760	336934	337195	337369	336760	335369	333288	331128	328888	326228	322897	319752	316623	313258
Min.	8637	8537	8558	8600	8607	8600	8607	8607	8621	8649	8649	8649	8656	8656	8656	8663	8663	8663	8670	8670	8677	8684	8684	8670	8670	8670	8670	8670	8670	8670	8670
Ave.	149957	149843	149896	149855	150352	153448	154073	154238	154324	154439	154654	154752	154804	154814	154805	154792	154758	154706	154552	154542	154469	154540	155190	155562	155882	156146	156518	156759	156861	156924	156947





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

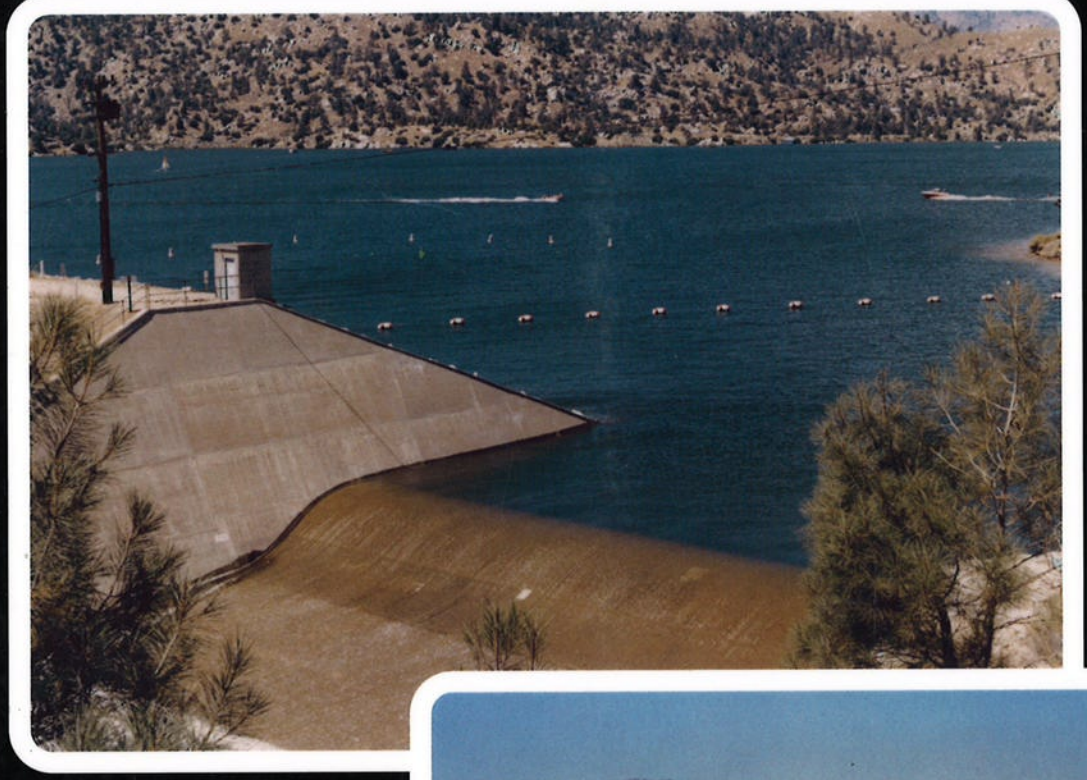
CORPS OF ENGINEERS SACRAMENTO, CALIFORNIA

Prepared : C.D.M.
Drawn : T.K.B.

Date: NOVEMBER 1977

Chart 1

Isabella Dam Spillway, 1980





Borel Canal at
Auxiliary Dam, 1990



Original Borel Canal Headworks
above Isabella