

# KERN RIVER

2007

ISABELLA DAM

2007 KERN RIVER HYDROGRAPHIC ANNUAL REPORT

DISTRIBUTION LIST

KERN DELTA WATER DISTRICT

1.	L. Mark Mulkay	(1) *
2.	Sheridan Nicholas	(1) *
3.	Sam Farris III	(1) *
4.	Attorney	(1)
5.	Other	(6)
	TOTAL REPORTS	(10)

NORTH KERN WATER STORAGE DISTRICT

1.	Richard Diamond	(1) *
2.	Dana S. Munn	(1) *
3.	C.H. Williams	(1) *
4.	Fernando Rizo	(1) *
5.	NKWSD Field Office	(1) *
6.	Engineer	(1) *
7.	Attorney	(1) *
8.	Board Members	(5)
	TOTAL REPORTS	(12)

CITY OF BAKERSFIELD

1.	Florn Core	(1) *
2.	Mark Lambert	(1) *
3.	Maurice Randall	(1) *
4.	Hydrographics	(1) *
5.	Central Records	(1) *
6.	Consulting Engineer - Thomas M. Stetson	(1)
7.	City Manager - Alan Tandy	(1)
8.	City Attorney - Virginia Gennaro	(1) *
9.	Gene Bogart	(1) *
10.	Consulting Attorney - Colin Pearce	(1) *
11.	Councilmembers:	
	1. Irma Carson	(1)
	2. Sue Benham	(1)
	3. Ken Weir	(1)
	4. David R. Couch	(1)
	5. Harold Hanson	(1)
	6. Jacquie Sullivan	(1)
	7. Zack Scrivner	(1)
12.	Mayor - Harvey L. Hall	(1)
13.	City Clerks Office	(1)
14.	Extra: w/ Distribution Recaps	(4) *
	Extra: w/o Distribution Recaps	(2)
	TOTAL REPORTS	(25)

KERN COUNTY WATER AGENCY (3)

TOTAL BOUND REPORTS..... (50) Date of Distribution: July 9, 2008

\* Includes First Point Acre-Foot Distribution Recaps and Lake Isabella Historical Storage Data (22).

*Prepared for:*

**Fernando Rizo**

*View of Kern River Canal with  
Temblor Range in background*

2007  
HYDROGRAPHIC ANNUAL REPORT

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# HISTORICAL DATA

## NOTICE

TO IRRIGATION CONSUMERS OF NEW RATES  
EFFECTIVE MAY 1, 1936.

Notice is hereby given that pursuant to the order of the Railroad Commission of the State of California, dated April 27, 1936, all water delivered by the following named Canal Companies to regular consumers on and after May 1, 1936, will be charged for at the following rates per acre foot of water delivered, respectively:

Kern Island Canal Company	\$1.60
East Side Canal Company	... 1.62
Kern River Canal and Irrigating Company (Beardsley)	..... 1.44
Stine Canal, Inc.	..... 1.63
The Farmers Canal Company	1.63
Buena Vista Canal, Inc.	..... 1.20
Central Canal Company (Calloway)	..... 1.76
Pioneer Canal, Inc.	..... 1.75

Dated: April 28, 1936.

HUGH S. ALLEN,  
President of Each of the Above Named Canal Companies.

**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 mean s.f.d.										32,864	30,827	31,757	--	--	--	--
1894	acre-feet mean s.f.d.	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	--	--	--
1895	acre-feet mean s.f.d.	49,769	69,521	84,456	162,071	288,635	172,890	91,133	38,672	20,452	20,091	20,604	24,758	1,023,052	2,208	172	737
1896	acre-feet mean s.f.d.	45,951	35,510	58,494	57,864	86,174	146,124	82,760	29,885	18,061	16,401	21,108	21,360	619,692	--	--	--
1897	acre-feet mean s.f.d.	22,949	44,941	56,756	173,393	281,639	137,393	61,837	28,842	17,728	20,888	21,146	25,922	893,434	3,611	223	854
1898	acre-feet mean s.f.d.	22,332	24,105	23,882	42,248	45,213	32,809	15,033	7,390	6,885	9,830	9,884	12,216	251,827	5,342	260	1,234
1899	acre-feet mean s.f.d.	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	1,342	80	348
1900	acre-feet mean s.f.d.	22,266	15,562	25,364	28,102	68,292	76,366	24,125	8,860	9,903	9,808	20,787	22,915	332,373	4,932	86	468
1901	acre-feet mean s.f.d.	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	--	--	--
1902	acre-feet mean s.f.d.	17,407	20,582	48,546	107,403	109,904	128,853	43,436	19,172	11,695	12,242	16,739	16,560	552,539	4,419	226	1,216
1903	acre-feet mean s.f.d.	21,531	25,192	35,575	74,315	132,097	139,222	53,355	18,623	11,357	10,681	12,107	12,340	546,395	3,758	160	763
1904	acre-feet mean s.f.d.	11,982	19,902	40,996	59,812	113,205	103,904	39,725	28,733	15,901	26,955	17,006	14,828	492,949	3,374	150	755
1905	acre-feet mean s.f.d.	17,258	22,001	50,598	62,047	117,748	132,766	53,835	20,134	12,563	12,744	14,041	16,074	531,809	3,167	156	679
1906	acre-feet mean s.f.d.	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	3,247	165	735
1907	acre-feet mean s.f.d.	41,697	56,834	83,272	197,720	199,950	183,995	97,083	41,940	24,623	22,428	19,747	21,611	990,900	9,684	222	2,625
1908	acre-feet mean s.f.d.	27,878	32,481	65,079	79,320	79,418	60,305	41,851	32,378	21,763	21,487	18,206	18,337	498,503	--	--	1,369
1909	acre-feet mean s.f.d.	118,441	125,050	128,649	247,402	382,617	394,086	194,870	66,224	43,444	31,214	34,350	72,292	1,838,643	--	--	687
1910	acre-feet mean s.f.d.	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	11,870	295	2,540
		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	21,660	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	65,995	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	67,951	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	290	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	1,795	2,094	6,289	5,209	2,937	1,017	471	428	465	619	--	8,523	337	1,995
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	77,982	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	4,395	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	617,988	496,796	254,777	111,100	49,936	36,036	34,862	34,132	2,461,370	--	--	--
	mean s.f.d.	2,903	2,005	2,563	6,358	10,050	8,349	4,144	1,807	839	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	19,664	18,827	33,213	28,288	45,965	38,531	14,936	10,927	11,334	11,431	14,703	20,408	268,427	--	--	--
	mean s.f.d.	323	327	540	475	748	648	243	178	190	186	247	332	--	951	111	370
1973	acre-foot	33,628	36,395	52,778	110,892	288,652	230,390	93,834	41,028	23,030	18,995	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-foot	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-foot	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-foot	16,308	16,994	23,074	25,924	47,151	20,930	14,749	14,573	25,097	20,523	12,954	11,191	249,468	--	--	--
	mean s.f.d.	265	295	375	436	767	352	240	237	422	334	218	182	--	1,188	142	344
1977	acre-foot	13,456	13,704	14,765	23,391	25,630	35,655	10,973	10,979	7,815	8,146	8,456	24,028	196,998	--	--	--
	mean s.f.d.	219	247	240	393	417	599	178	179	131	132	142	391	--	2,049	57	272
1978	acre-foot	46,596	116,432	175,484	181,700	363,157	354,825	194,693	74,001	61,696	29,562	26,874	28,485	1,653,505	--	--	--
	mean s.f.d.	758	2,096	2,854	3,054	5,906	5,963	3,166	1,204	1,037	481	452	463	--	10,901	350	2,284
1979	acre-foot	34,062	41,825	72,299	102,079	164,935	106,112	46,733	27,243	19,583	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-foot	145,545	168,987	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-foot	28,709	34,762	45,608	69,320	91,914	65,817	25,630	17,389	13,222	14,781	18,922	23,189	449,263	--	--	--
	mean s.f.d.	467	626	742	1,165	1,495	1,106	417	283	222	240	318	377	--	2,211	157	621
1982	acre-foot	37,692	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	369	1,756
1983	acre-foot	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-foot	76,054	60,926	82,738	91,359	161,613	93,114	77,046	49,698	28,306	26,428	35,020	39,495	821,797	--	--	--
	mean s.f.d.	1,237	1,059	1,346	1,535	2,628	1,565	1,253	808	476	430	589	642	--	3,305	288	1,132
1985	acre-foot	40,423	40,610	53,371	136,241	146,799	99,858	41,395	23,956	17,024	16,495	22,314	33,945	672,431	--	--	--
	mean s.f.d.	657	731	868	2,290	2,387	1,678	673	390	286	268	375	552	--	3,353	208	929
1986	acre-foot	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-foot	25,595	29,504	41,566	55,236	75,108	56,146	24,918	14,735	10,683	11,484	14,745	16,215	375,935	--	--	--
	mean s.f.d.	416	531	676	928	1,222	944	405	240	180	187	248	264	--	1,817	145	519
1988	acre-foot	22,677	19,815	30,210	39,584	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-foot	15,947	23,528	67,430	91,380	71,849	49,823	21,378	13,010	10,213	10,824	10,707	10,949	397,038	--	--	--
	mean s.f.d.	259	424	1,097	1,536	1,169	837	348	212	172	176	180	178	--	2,068	123	548
1990	acre-foot	12,916	13,127	23,048	32,019	38,600	29,345	13,380	8,386	6,428	8,834	8,340	9,148	203,571	--	--	--
	mean s.f.d.	210	236	375	538	628	493	218	136	108	144	140	149	--	845	78	281

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

YEAR	QUANTITY	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEP	OCT	NOV	DEC	TOTAL	MAX.	MIN.	MEAN
1991	acre-foot	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-foot	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-foot	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-foot	18,936	23,946	38,592	46,489	67,224	56,223	21,068	11,939	8,981	14,771	12,780	15,507	396,456	--	--	--
	mean s.f.d.	308	431	628	781	1,093	945	343	194	151	240	215	252	--	1,686	121	465
1995	acre-foot	46,832	48,774	156,387	143,244	255,046	293,129	237,802	89,657	39,108	24,093	22,268	28,920	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-foot	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	2,803	1,147	525	280	257	687	1,406	--	9,024	222	1,430
1997	acre-foot	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-foot	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-foot	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-foot	19,140	35,096	50,176	67,388	129,406	81,396	28,306	16,610	10,937	12,912	12,764	12,688	476,819	--	--	--
	mean s.f.d.	311	610	816	1,133	2,105	1,368	460	270	184	210	215	206	--	2,910	145	657
2001	acre-foot	15,429	19,004	36,948	58,249	124,417	43,033	24,593	11,558	8,916	9,142	15,293	24,869	391,451	--	--	--
	mean s.f.d.	251	342	601	979	2,023	723	400	188	150	149	257	404	--	2,525	132	541
2002	acre-foot	27,533	21,072	31,603	58,838	69,991	63,775	22,703	10,439	7,720	8,939	73,894	28,189	424,696	--	--	--
	mean s.f.d.	448	379	514	989	1,138	1,072	369	170	130	145	1,242	458	--	10,627	115	587
2003	acre-foot	33,402	31,428	48,924	56,146	113,472	118,383	37,075	24,278	14,555	10,798	12,962	18,301	519,724	--	--	--
	mean s.f.d.	543	566	796	944	1,845	1,990	603	395	245	176	218	298	--	3,887	154	718
2004	acre-foot	23,359	25,131	70,461	64,197	78,343	56,378	23,084	12,349	9,322	13,031	14,507	17,143	407,305	--	--	--
	mean s.f.d.	380	437	1,146	1,079	1,274	947	375	201	157	212	244	279	--	1,863	132	561
2005	acre-foot	71,631	48,599	94,332	132,119	288,847	238,352	129,182	48,311	25,615	23,800	21,707	33,614	1,156,109	--	--	--
	mean s.f.d.	1,165	875	1,534	2,220	4,698	4,006	2,101	786	430	387	365	547	--	7,196	315	1,597
2006	acre-foot	55,466	36,668	65,938	147,043	309,409	232,520	106,756	38,834	21,072	19,989	17,542	20,604	1,071,841	--	--	--
	mean s.f.d.	902	660	1,072	2,471	5,032	3,908	1,736	632	354	325	295	335	--	6,537	250	1,481
2007	acre-foot	20,874	21,917	34,887	35,649	51,267	24,131	12,363	9,941	8,547	9,951	10,100	13,065	252,692	--	--	--
	mean s.f.d.	339	395	567	599	834	406	201	162	144	162	170	212	--	1,018	117	349

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

**YEAR: 2007**

**October 1893 to Date...**

Quantities in acre-feet except where noted...

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
Mean Monthly Flow	37,641	43,451	65,594	99,050	156,961	138,992	72,184	31,186	18,332	17,367	20,152	27,560	728,470
Mean Monthly Flow (second foot days)	612	775	1,067	1,665	2,553	2,336	1,174	507	308	282	339	448	1,006
Maximum Monthly Flow	246,022	202,510	378,116	481,749	617,968	571,846	399,841	154,935	68,503	53,300	96,968	313,811	
Year of Occurrence	1997	1916	1916	1916	1969	1983	1906	1983	1983	1983	1950	1966	
Minimum Monthly Flow	10,931	9,215	14,221	23,391	25,630	14,069	8,225	5,881	5,494	6,817	8,241	9,148	
Year of Occurrence	1991	1991	1961	1977	1977	1924	1924	1924	1924	1931	1931	1990	
Number Months of Record	114	114	114	114	114	114	114	114	114	115	115	115	
Cumulative Monthly Flow	4,291,118	4,953,400	7,477,730	11,291,652	17,893,545	15,845,069	8,229,039	3,555,151	2,089,821	1,997,255	2,317,536	3,169,428	
Median Monthly Flow	23,831	31,755	47,966	75,447	120,702	110,759	47,698	21,703	13,890	14,388	15,909	19,537	543,585
Median Monthly Flow (second foot days)	388	567	780	1,268	1,963	1,861	776	353	233	234	267	318	750

MEAN APRIL - JULY RUNOFF TO DATE = 467,187 AcFt  
 MEDIAN APRIL - JULY RUNOFF TO DATE = 354,606 AcFt

MEAN MARCH - OCTOBER RUNOFF TO DATE = 599,666 AcFt  
 MEDIAN MARCH - OCTOBER RUNOFF TO DATE = 452,553 AcFt

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

Acre-foot Quantities in order of Magnitude

Year: 2007

YEAR	APR	MAY	JUN	JUL	TOTAL	% OF AVERAGE	YEAR	APR	MAY	JUN	JUL	TOTAL	% OF AVERAGE
1961	24,137	29,980	24,305	8,952	87,374	19%	1910	102,883	127,733	79,464	42,046	352,126	75%
1962	28,540	41,722	14,069	8,225	92,556	20%	1911	101,203	139,719	73,553	39,642	354,117	76%
1963	23,391	25,630	35,655	10,973	95,649	20%	1912	62,047	86,174	146,124	53,835	366,396	78%
1964	23,440	41,867	24,262	8,493	98,062	21%	1913	57,864	86,174	146,124	82,760	372,922	80%
1965	25,924	47,151	20,930	14,749	108,754	23%	1914	46,602	107,001	140,660	51,917	386,180	83%
1966	32,019	38,600	29,345	13,380	113,344	24%	1915	107,403	149,904	128,853	43,436	389,596	83%
1967	39,919	43,065	21,820	11,341	116,145	25%	1916	109,658	155,476	85,880	39,733	390,747	84%
2007	35,649	51,267	24,131	12,363	123,410	28%	1917	74,315	132,097	139,222	53,355	398,989	85%
1972	28,288	45,965	38,531	14,936	127,720	27%	1918	80,223	150,109	115,862	59,197	405,391	87%
1959	40,566	39,945	32,061	18,013	130,585	28%	1919	102,079	164,935	106,112	46,733	419,859	90%
1898	42,248	45,213	32,809	15,033	135,303	29%	1920	91,359	161,613	93,114	77,046	423,132	91%
1988	39,584	58,350	43,140	20,969	162,043	35%	1921	146,799	146,799	99,858	41,395	424,293	91%
1960	58,336	47,181	32,987	16,683	168,472	36%	1922	83,370	158,904	137,840	50,699	430,813	92%
1962	55,448	74,394	42,987	16,324	179,153	38%	1923	80,916	124,506	172,324	77,496	455,242	97%
1964	42,946	61,521	54,658	23,803	182,928	39%	1924	80,043	131,980	149,357	95,288	456,668	98%
1928	46,489	67,224	56,223	21,068	191,004	41%	1925	69,412	137,839	163,944	105,384	476,579	102%
1928	37,577	76,885	60,344	18,716	193,702	41%	1926	118,175	146,465	145,503	50,471	510,614	109%
1900	28,102	68,295	76,366	24,125	196,888	42%	1927	147,463	135,884	157,253	74,874	515,474	110%
1949	50,517	84,508	57,885	17,201	209,911	45%	1928	100,362	184,721	161,153	75,481	521,717	112%
1987	55,236	75,108	56,146	24,918	211,408	45%	1929	112,586	150,036	178,754	81,529	522,905	112%
1930	42,494	60,738	34,929	21,722	191,004	45%	1930	97,553	159,883	168,876	99,529	525,841	113%
1899	53,133	69,991	79,178	30,046	213,100	46%	1931	111,273	154,742	168,404	94,013	526,432	113%
2002	58,838	69,991	63,775	22,703	215,307	46%	1932	114,113	183,733	167,740	69,580	535,166	115%
1929	39,064	85,995	63,487	30,966	219,532	47%	1933	126,329	165,062	187,638	81,275	560,304	120%
1966	66,779	82,336	45,431	23,347	219,893	47%	1934	142,909	214,290	142,358	71,919	571,476	122%
2004	64,197	78,343	56,378	22,002	222,902	48%	1935	157,290	219,404	137,028	67,902	581,624	125%
1955	69,544	66,660	31,014	22,478	224,785	48%	1936	186,446	200,864	162,420	87,414	584,691	125%
1930	53,506	67,851	82,824	28,401	232,582	50%	1937	173,393	281,639	137,393	61,837	654,262	140%
1926	66,079	96,598	49,530	18,575	232,782	50%	1938	131,246	205,509	169,002	91,593	597,350	128%
1989	91,380	71,849	49,823	21,378	234,430	50%	1939	147,959	225,987	202,395	88,649	617,710	132%
1948	43,976	86,108	78,565	21,378	239,980	51%	1940	84,407	242,259	154,883	70,502	599,331	129%
1971	62,661	66,635	82,707	42,472	244,475	52%	1941	173,393	281,639	137,393	61,837	654,262	140%
1968	65,584	87,991	64,054	24,475	244,319	53%	1942	199,950	199,950	183,995	97,063	678,748	145%
1947	60,353	110,325	57,778	21,116	249,572	53%	1943	144,934	210,676	201,064	128,338	685,012	147%
2001	58,249	124,417	43,033	24,593	250,292	54%	1944	162,071	268,635	172,890	88,011	694,729	149%
1912	37,246	80,471	100,925	33,170	251,812	54%	1945	198,736	254,785	155,650	81,133	697,182	149%
1999	55,843	95,199	68,733	32,852	252,627	54%	1946	138,113	184,481	222,076	156,498	701,168	150%
1981	69,320	91,914	65,817	25,630	252,681	54%	1947	110,892	288,652	230,390	93,894	723,768	155%
1908	79,320	79,418	60,305	41,851	260,894	56%	1948	147,043	309,409	238,352	129,182	788,500	169%
1951	48,914	85,039	88,990	38,941	261,884	56%	1949	188,105	254,985	198,748	106,756	795,728	170%
1939	92,136	92,253	58,400	25,480	268,269	57%	1950	168,105	316,974	230,866	115,724	796,794	171%
1991	58,092	79,763	100,423	38,265	276,543	59%	1951	183,505	352,050	225,395	91,057	831,669	178%
1957	38,644	79,355	132,359	41,988	292,346	63%	1952	208,147	293,335	263,794	121,388	852,047	182%
1894	88,974	96,801	64,564	43,061	293,504	64%	1953	193,509	269,631	311,063	243,802	924,005	198%
1933	57,265	60,026	125,395	56,898	299,584	64%	1954	143,244	255,046	293,129	237,802	929,221	199%
1950	76,155	96,483	90,367	34,901	289,906	64%	1955	193,509	315,044	291,880	130,917	961,769	206%
2000	67,388	129,406	81,396	28,306	306,496	66%	1956	223,928	315,044	282,877	208,715	991,025	212%
1925	56,408	102,016	96,252	58,437	313,113	67%	1957	124,615	386,666	309,960	174,416	995,657	213%
1904	59,812	113,205	103,904	39,725	316,646	68%	1958	211,608	287,825	282,877	208,715	991,025	213%
1970	63,513	110,057	95,700	50,138	319,408	68%	1959	189,663	434,769	302,557	159,856	1,094,375	234%
1921	51,723	100,096	120,387	49,119	321,325	69%	1960	189,663	363,157	354,625	174,416	995,657	213%
2003	56,146	102,016	96,252	58,437	313,113	67%	1961	189,663	363,157	354,625	174,416	995,657	213%
1953	70,730	86,019	103,164	69,657	329,570	71%	1962	247,402	382,617	394,086	194,870	1,218,975	243%
1923	73,355	120,849	82,528	55,800	332,532	71%	1963	173,143	360,234	458,418	399,841	1,391,636	286%
1918	74,513	78,722	136,753	44,828	334,816	72%	1964	206,473	478,625	571,946	288,866	1,545,810	331%
1919	86,574	140,215	81,844	34,364	342,997	73%	1965	481,749	472,994	391,700	225,154	1,571,597	336%
1935	71,042	103,787	133,634	42,184	350,647	75%	1966	378,333	617,968	496,796	254,777	1,747,874	374%
							MAXIMUM	481,749	617,968	571,846	399,841	1,747,874	
							MINIMUM	23,391	25,630	14,069	8,225	87,374	
							AVERAGE	99,050	156,961	138,992	72,184	467,187	

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

**DISCHARGE IN CUBIC FEET PER SECOND**

**Year: 2007**

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	472	729	865	1,302	2,130	2,732	1,692	722	366	299	290	352
2	523	697	893	1,306	2,160	2,703	1,672	698	362	295	287	362
3	612	655	966	1,325	2,202	2,691	1,646	679	359	293	285	373
4	511	611	944	1,340	2,265	2,680	1,616	662	351	290	282	390
5	506	611	972	1,366	2,311	2,686	1,559	637	363	283	284	492
6	481	667	936	1,387	2,346	2,689	1,514	621	367	290	285	1,065
7	474	790	898	1,403	2,371	2,679	1,468	606	344	281	287	516
8	477	739	914	1,428	2,410	2,643	1,424	592	331	286	359	428
9	481	779	997	1,454	2,449	2,588	1,381	577	321	287	378	433
10	511	750	1,038	1,479	2,477	2,563	1,341	568	310	283	319	442
11	529	689	1,043	1,573	2,482	2,525	1,292	558	305	281	320	452
12	565	706	999	1,588	2,483	2,504	1,255	546	309	277	317	435
13	575	811	1,006	1,582	2,509	2,486	1,225	520	299	277	310	413
14	665	801	1,016	1,601	2,539	2,450	1,201	502	289	273	314	388
15	589	794	992	1,623	2,566	2,417	1,164	500	288	273	309	386
16	600	771	1,030	1,664	2,587	2,367	1,137	492	283	274	309	382
17	588	793	1,052	1,683	2,616	2,334	1,105	481	282	280	318	384
18	654	890	1,110	1,711	2,651	2,291	1,078	478	280	279	332	377
19	626	891	1,101	1,751	2,690	2,251	1,046	475	274	278	456	371
20	590	882	1,095	1,798	2,693	2,215	1,021	461	275	281	408	368
21	597	829	1,133	1,841	2,694	2,180	987	443	276	279	365	375
22	685	833	1,122	1,877	2,702	2,145	958	426	275	275	374	404
23	703	853	1,138	1,891	2,694	2,099	943	417	274	275	361	527
24	709	826	1,142	1,907	2,703	2,038	941	403	273	274	381	479
25	938	827	1,185	1,928	2,725	1,984	900	393	289	272	383	481
26	913	824	1,208	1,962	2,771	1,922	870	381	327	280	360	458
27	764	829	1,241	1,989	2,780	1,877	850	380	304	284	374	491
28	717	825	1,252	2,035	2,783	1,828	820	381	287	285	368	466
29	637	857	1,253	2,053	2,794	1,780	788	380	291	285	358	454
30	615	-	1,248	2,091	2,784	1,728	764	375	288	291	387	497
31	671	-	1,281	-	2,768	-	735	369	-	296	-	454
<b>TOTAL</b>	<b>18,978</b>	<b>21,907</b>	<b>33,070</b>	<b>49,938</b>	<b>79,135</b>	<b>70,075</b>	<b>36,393</b>	<b>15,723</b>	<b>9,242</b>	<b>8,756</b>	<b>10,160</b>	<b>13,895</b>
<b>MAXIMUM DAY</b>	<b>938</b>	<b>891</b>	<b>1,281</b>	<b>2,091</b>	<b>2,794</b>	<b>2,732</b>	<b>1,692</b>	<b>722</b>	<b>367</b>	<b>299</b>	<b>456</b>	<b>1,065</b>
<b>MINIMUM DAY</b>	<b>472</b>	<b>611</b>	<b>865</b>	<b>1,302</b>	<b>2,130</b>	<b>1,728</b>	<b>735</b>	<b>369</b>	<b>273</b>	<b>272</b>	<b>282</b>	<b>352</b>
<b>MEAN</b>	<b>612</b>	<b>775</b>	<b>1,067</b>	<b>1,665</b>	<b>2,553</b>	<b>2,336</b>	<b>1,174</b>	<b>507</b>	<b>308</b>	<b>282</b>	<b>339</b>	<b>448</b>
<b>TOTAL AC. FT.</b>	<b>37,641</b>	<b>43,451</b>	<b>65,594</b>	<b>99,050</b>	<b>156,961</b>	<b>138,992</b>	<b>72,184</b>	<b>31,186</b>	<b>18,332</b>	<b>17,367</b>	<b>20,152</b>	<b>27,560</b>
<b>WHOLE YEAR:-</b>	<b>TOTAL,</b>	<b>367,272</b>	<b>MAX.,</b>	<b>2,794</b>	<b>MIN.,</b>	<b>272</b>	<b>MEAN,</b>	<b>1,006</b>	<b>TOTAL AC.FT.,</b>	<b>728,470</b>		

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

Year: 2007

**DISCHARGE IN CUBIC FEET PER SECOND**

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	352	442	625	1,058	1,618	2,163	1,233	492	263	229	245	284
2	347	435	634	1,044	1,653	2,210	1,138	466	255	229	257	281
3	353	452	628	1,030	1,645	2,214	1,115	468	257	227	252	301
4	355	460	638	1,030	1,708	2,192	1,108	467	262	236	250	313
5	357	468	700	1,068	1,732	2,129	1,063	433	256	226	257	314
6	377	475	675	1,114	1,723	2,141	1,031	426	258	222	249	318
7	372	490	651	1,196	1,706	2,407	965	410	254	228	252	321
8	377	522	646	1,199	1,736	2,277	914	407	248	230	255	313
9	387	534	659	1,222	1,874	2,222	884	388	246	228	259	307
10	368	551	638	1,231	1,908	2,160	844	379	246	230	264	304
11	385	561	652	1,187	1,875	2,238	821	366	241	224	262	309
12	390	562	666	1,204	1,896	2,256	814	357	243	225	267	309
13	390	585	623	1,214	1,994	2,157	819	363	233	229	268	315
14	394	566	683	1,226	1,927	2,151	799	348	225	229	271	318
15	376	538	724	1,176	1,922	2,069	755	340	227	229	269	319
16	385	575	723	1,211	1,888	1,952	728	342	234	229	268	325
17	376	609	740	1,230	2,031	1,839	703	329	229	233	269	322
18	377	609	766	1,261	2,095	1,759	704	325	226	232	270	308
19	384	595	837	1,279	2,133	1,640	684	320	220	244	281	312
20	401	587	847	1,307	2,071	1,589	689	310	218	244	277	317
21	390	572	893	1,345	2,019	1,552	668	306	221	237	267	308
22	397	572	867	1,392	2,081	1,556	633	296	223	236	275	316
23	393	573	882	1,412	2,061	1,518	608	307	215	235	282	328
24	418	580	879	1,446	2,100	1,422	589	307	210	233	287	327
25	416	596	912	1,454	2,129	1,436	598	298	211	236	289	331
26	397	602	971	1,488	2,094	1,406	574	283	220	241	283	321
27	406	623	999	1,480	2,166	1,320	544	298	215	250	271	327
28	410	634	994	1,499	2,231	1,290	524	279	214	247	270	340
29	411	642	981	1,497	2,289	1,316	508	279	212	248	279	345
30	428	-	1,011	1,538	2,291	1,260	508	279	221	242	276	344
31	446	-	1,039	-	2,258	-	483	274	-	246	-	353
<b>TOTAL</b>	12,015	16,010	24,183	38,038	60,854	55,841	24,048	10,942	7,003	7,254	8,021	9,850
<b>MAXIMUM DAY</b>	446	642	1,039	1,538	2,291	2,407	1,233	492	263	250	289	353
<b>MINIMUM DAY</b>	347	435	623	1,030	1,618	1,260	483	274	210	222	245	281
<b>MEAN</b>	388	567	780	1,268	1,963	1,861	776	353	233	234	267	318
<b>TOTAL AC. FT.</b>	23,831	31,755	47,966	75,447	120,702	110,759	47,698	21,703	13,890	14,388	15,909	19,537
<b>WHOLE YEAR:-</b>	<b>TOTAL,</b>	<b>274,059</b>	<b>MAX.,</b>	<b>2,407</b>	<b>MIN.,</b>	<b>210</b>	<b>MEAN,</b>	<b>750</b>	<b>TOTAL AC.FT.,</b>	<b>543,585</b>		

# 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	60,539	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	12,836	43,259	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	52,985	34,966	70,175	39,943	22,471	17,282	13,795	17,847	446,859
1958	19,137	28,175	37,767	29,936	27,463	131,421	181,305	143,722	61,519	6,700	9,786	10,643	967,511
1959	20,811	20,991	37,767	29,936	27,463	94,028	59,817	26,386	13,154	10,483	13,803	12,798	324,088
1960	12,516	17,405	24,044	25,041	47,986	81,481	38,991	26,386	13,154	7,267	9,281	12,121	177,063
1961	11,280	10,736	14,017	16,318	16,780	19,321	25,222	21,316	13,404	7,267	12,448	12,054	607,848
1962	13,121	44,838	95,445	97,187	112,437	113,318	113,318	40,778	26,164	22,623	12,448	23,044	676,237
1963	12,067	27,435	44,838	38,914	54,756	127,710	118,179	68,828	68,828	64,828	31,174	22,044	361,624
1964	20,566	21,152	28,532	27,485	28,451	76,268	71,078	31,323	10,989	8,852	14,259	22,879	384,303
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	65,002	56,799	35,482	1,465,865
1968	33,088	36,284	44,904	45,035	52,156	88,045	82,937	13,656	13,656	102,494	16,365	14,085	497,026
1969	50,489	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	21,265	18,228	15,844	601,254
1971	25,978	35,520	48,589	30,809	31,950	57,322	82,128	64,643	11,560	12,184	12,839	17,169	442,851
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	69,648	29,457	24,811	25,579	785,133
1974	35,447	45,969	49,246	47,151	57,477	96,807	120,476	109,093	69,648	54,365	37,085	23,137	745,903
1975	21,221	34,644	45,041	48,444	57,142	95,197	106,382	89,738	34,139	17,072	15,108	15,213	572,081
1976	14,650	19,008	31,789	23,609	28,901	52,300	54,190	30,742	21,828	19,440	12,946	11,341	320,764
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	268,073	236,549	196,587	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	107,865	32,267	22,782	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	49,110	57,060	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	163,814	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	41,728	37,420	47,770	834,036
1985	40,133	48,686	53,821	56,358	72,506	98,757	111,385	77,728	25,305	34,973	20,333	28,986	668,971
1986	31,277	39,039	95,946	172,221	205,204	233,197	193,767	141,114	82,792	46,227	45,227	24,208	1,331,561
1987	24,117	28,919	43,408	44,894	43,809	68,424	73,047	42,545	18,569	15,824	14,269	14,864	432,309
1988	20,793	26,906	33,769	33,769	31,615	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	25,454	31,129	55,765	36,204	14,241	12,773	8,037	13,739	348,773
1990	12,926	16,124	25,071	28,422	25,454	30,030	31,129	21,519	6,885	6,885	8,979	9,925	219,501
1991	10,827	9,112	27,914	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	18,284	642,339
1994	19,622	28,720	41,919	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	481,621
2000	19,946	23,320	33,834	46,580	49,204	81,023	83,659	59,577	26,533	20,340	12,260	16,260	472,536
2001	13,936	17,643	26,364	29,679	41,423	73,624	61,618	42,432	21,410	15,588	13,259	18,783	375,769
2002	25,339	26,465	24,889	25,300	34,740	54,714	56,163	36,317	16,197	29,364	20,185	23,694	467,627
2003	28,584	20,966	24,889	25,548	41,952	83,336	83,336	68,297	37,192	29,364	12,785	17,724	388,789
2004	19,772	17,917	34,389	49,551	49,068	71,088	61,801	48,508	27,646	15,009	14,041	16,589	425,379
2005	34,455	33,256	36,881	38,928	86,217	188,997	188,997	137,561	78,554	60,066	35,747	30,654	952,340
2006	55,783	32,313	24,899	273,669	273,669	157,823	86,747	45,725	22,006	22,006	20,484	18,660	1,046,136
2007	23,408	22,678	28,256	27,362	36,690	49,642	57,969	36,724	17,179	12,742	9,645	11,998	334,293
<b>MAXIMUM</b>	<b>146,180</b>	<b>142,831</b>	<b>237,265</b>	<b>378,817</b>	<b>370,706</b>	<b>419,760</b>	<b>387,505</b>	<b>240,154</b>	<b>153,814</b>	<b>117,233</b>	<b>101,403</b>	<b>90,549</b>	<b>2,381,575</b>
<b>MINIMUM</b>	<b>10,627</b>	<b>9,112</b>	<b>14,017</b>	<b>16,318</b>	<b>16,780</b>	<b>19,321</b>	<b>25,222</b>	<b>21,316</b>	<b>6,885</b>	<b>7,267</b>	<b>6,037</b>	<b>8,925</b>	<b>177,063</b>
<b>AcF TOTAL</b>	<b>1,636,469</b>	<b>1,925,759</b>	<b>2,770,267</b>	<b>3,478,878</b>	<b>4,665,380</b>	<b>6,209,618</b>	<b>6,001,757</b>	<b>4,506,145</b>	<b>2,322,001</b>	<b>1,846,822</b>	<b>1,489,482</b>	<b>1,357,500</b>	<b>38,210,078</b>
<b>AcF AVERAGE</b>	<b>30,305</b>	<b>35,662</b>	<b>51,301</b>	<b>64,424</b>	<b>86,396</b>	<b>114,993</b>	<b>111,144</b>	<b>83,447</b>	<b>43,000</b>	<b>34,200</b>	<b>27,583</b>	<b>25,139</b>	<b>707,594</b>
<b>S.F.D. AVERAGE</b>	<b>493</b>	<b>636</b>	<b>834</b>	<b>1,063</b>	<b>1,405</b>	<b>1,933</b>	<b>1,808</b>	<b>1,357</b>	<b>723</b>	<b>556</b>	<b>464</b>	<b>409</b>	<b>975</b>
<b>% OF TOTAL</b>	<b>4.28%</b>	<b>5.04%</b>	<b>7.25%</b>	<b>9.11%</b>	<b>12.21%</b>	<b>16.25%</b>	<b>15.71%</b>	<b>11.79%</b>	<b>6.08%</b>	<b>4.83%</b>	<b>3.90%</b>	<b>3.55%</b>	<b>100.00%</b>

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

DISCHARGE IN CUBIC FEET PER SECOND

Year: 2007

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	458	535	772	926	1,270	1,608	1,935	1,563	909	649	465	427
2	467	548	763	948	1,293	1,652	1,896	1,539	888	657	458	403
3	455	564	769	953	1,295	1,703	1,895	1,545	871	642	458	391
4	455	567	781	950	1,331	1,757	1,866	1,539	859	630	462	396
5	458	565	782	958	1,334	1,793	1,890	1,550	834	624	464	406
6	460	575	780	954	1,332	1,817	1,910	1,559	810	644	469	477
7	462	576	788	972	1,324	1,853	1,913	1,539	790	618	464	410
8	458	578	789	1,002	1,351	1,875	1,926	1,519	773	606	467	401
9	452	665	788	1,032	1,368	1,896	1,925	1,530	754	606	473	394
10	448	644	808	1,050	1,368	1,907	1,903	1,528	743	597	472	387
11	449	610	834	1,063	1,351	1,920	1,881	1,518	736	578	484	384
12	456	608	810	1,075	1,363	1,939	1,877	1,494	722	548	481	394
13	463	623	818	1,077	1,367	1,959	1,855	1,468	712	547	485	392
14	466	642	809	1,086	1,363	1,982	1,860	1,442	710	545	468	389
15	470	634	827	1,102	1,350	1,985	1,866	1,430	704	535	463	395
16	494	626	831	1,103	1,358	2,004	1,850	1,420	700	525	467	392
17	495	624	838	1,105	1,355	2,054	1,819	1,391	695	511	470	398
18	503	633	828	1,107	1,377	2,070	1,785	1,393	680	519	463	417
19	511	645	831	1,121	1,397	2,070	1,768	1,360	666	523	464	414
20	508	682	848	1,115	1,437	2,043	1,736	1,325	658	528	464	408
21	504	679	867	1,120	1,457	2,055	1,767	1,296	655	530	467	407
22	495	693	874	1,130	1,471	2,068	1,754	1,250	658	523	459	406
23	500	726	882	1,145	1,488	2,049	1,747	1,226	657	520	449	400
24	536	720	888	1,164	1,495	2,064	1,726	1,202	653	519	437	407
25	556	703	886	1,171	1,494	2,046	1,707	1,169	648	522	450	407
26	576	707	888	1,186	1,483	2,011	1,703	1,128	644	516	458	408
27	562	716	894	1,204	1,490	1,955	1,692	1,099	642	509	456	422
28	541	731	896	1,201	1,498	1,935	1,670	1,069	637	501	460	431
29	530	645	883	1,211	1,525	1,961	1,656	1,031	645	501	454	430
30	542	-	900	1,249	1,564	1,945	1,647	994	626	493	455	435
31	549	-	912	-	1,609	-	1,610	955	-	477	-	446
TOTAL	15,279	17,980	25,864	32,480	43,558	57,976	56,035	42,071	21,679	17,243	13,906	12,674
MAXIMUM INSTANT.	3,331	8,280	5,691	7,394	6,675	7,576	7,327	4,694	3,126	7,000	2,275	9,289
MINIMUM INSTANT.	102	67	143	86	223	215	349	84	64	40	66	22
MEAN	493	636	834	1,083	1,405	1,933	1,808	1,357	723	556	464	409
TOTAL AC. FT.	30,305	35,662	51,301	64,424	86,396	114,993	111,144	83,447	43,000	34,200	27,583	25,139
WHOLE YEAR:-	TOTAL,	356,745	MAX.,	9,289	MIN.,	22	MEAN,	975	TOTAL AC.FT.,	707,594		

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

Year: 2007

Quantities in acre-feet except where noted...

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
1954				4,038	2,977	1,479	3,897	2,559	514	626	966	1,870	
1955	2,358	1,921	1,821	2,386	1,390	3,298	1,929	402	(314)	551	551	1,065	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	2,524	31,774
1957	2,114	886	1,097	1,69	397	1,251	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	1,119	(383)	(880)	438	797	1,289
1960	1,071	2,739	1,633	1,581	92	1,601	1,311	1,559	149	502	1,080	1,099	14,397
1961	815	914	914	971	787	126	264	734	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	18,689	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	156	785	785	1,833	14,671
1972	1,634	1,204	975	1,003	501	844	180	42	16	777	222	1,075	8,473
1973	3,146	4,182	7,686	7,394	6,123	3,811	1,882	3,879	4,168	1,982	1,890	2,699	48,842
1974	4,393	2,003	5,145	6,054	1,704	1,011	817	2,357	3,055	2,717	2,303	2,894	34,453
1975	704	1,299	2,925	2,641	4,023	2,265	1,565	55	699	497	189	746	17,608
1976	1,646	1,503	1,373	1,582	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	3,158	3,158	5,330	2,675	1,718	494	234	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	(56)	1,426	63,091
1981	2,861	1,313	2,041	1,888	1,129	140	148	1,786	958	764	459	1,798	15,255
1982	3,805	3,501	7,352	10,277	12,710	4,711	3,097	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	7,454	6,473	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	3,754	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	1,484	(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	6,289
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	1,880	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	14,188	9,981	7,447	9,911	2,616	4,619	809	(1,658)	2,448	(1,509)	(1,397)	4,441	42,876
1998	5,482	34,907	24,539	25,855	30,900	25,533	16,059	12,476	4,730	(121)	155	3,425	183,940
1999	3,772	4,820	3,236	3,148	1,092	1,033	1,516	2,094	624	1,088	122	690	23,235
2000	1,637	3,112	3,640	517	(688)	(562)	543	1,896	(3)	795	803	801	12,491
2001	1,144	1,377	1,200	1,240	(807)	1,613	821	250	(385)	(428)	437	1,202	7,664
2002	2,359	1,163	1,307	1,037	(1,096)	(111)	1,145	757	(251)	(17)	2,010	1,860	9,640
2003	2,517	1,847	1,571	1,679	229	990	990	932	(260)	514	579	991	11,799
2004	1,185	1,411	1,513	71	(1,520)	(263)	224	(506)	(733)	1,177	2,242	2,461	3,747
2005	2,716	1,382	3,309	2,452	5,484	7,107	5,683	3,282	(733)	1,177	2,242	2,461	36,572
2006	3,850	1,468	3,793	3,684	12,458	9,856	6,413	1,972	885	1,247	132	404	46,142
2007	1,185	1,237	1,182	228	(436)	(308)	(1,368)	(105)	(242)	(115)	156	131	1,545
Total	171,430	227,838	263,976	246,734	178,415	149,894	143,262	131,403	53,473	53,082	60,064	121,006	1,800,577
Maximum	19,079	34,907	37,912	40,391	30,900	25,533	18,659	17,163	7,454	6,473	5,718	14,810	183,940
Minimum	551	472	446	(51)	(1,854)	(1,528)	(4,348)	(2,100)	(733)	(1,509)	(1,397)	131	131
Mean	3,235	4,299	4,981	4,569	3,304	2,776	2,653	2,433	990	983	1,112	2,241	33,576
Mean CFS	53	77	81	77	54	47	43	40	17	16	19	36	46

Year: 2007

Isabella Reservoir Daily Mean Storage (1954-2007)

MIDNIGHT STORAGE IN ACRE-FEET

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	154,448	165,824	176,038	190,770	220,918	288,357	302,969	257,861	203,210	176,868	157,864	150,066
2	154,733	166,189	176,457	191,582	222,527	290,463	302,301	256,119	202,072	176,065	157,455	149,993
3	155,420	166,301	176,809	192,328	224,148	292,441	301,564	254,280	200,944	175,117	157,053	150,044
4	155,727	166,372	177,269	193,124	225,849	294,223	300,810	252,403	199,849	174,542	156,639	150,003
5	155,974	166,465	177,835	193,864	227,529	295,936	299,895	250,464	198,884	173,786	156,207	150,425
6	156,112	166,590	178,199	194,602	229,292	297,534	298,897	248,464	197,970	173,003	155,798	153,112
7	156,240	166,755	178,490	195,303	231,014	299,075	297,817	246,487	197,021	172,270	155,380	153,658
8	156,376	167,035	178,836	195,954	232,740	300,415	296,599	244,575	196,067	171,526	155,286	153,809
9	156,555	167,471	179,146	196,653	234,579	301,588	295,327	242,560	195,115	170,789	155,248	153,888
10	156,812	167,887	179,551	197,351	236,568	302,672	294,026	240,553	194,157	170,058	154,967	154,002
11	157,122	168,121	180,049	198,348	238,535	303,592	292,645	238,590	193,216	169,367	154,653	154,198
12	157,594	168,319	180,445	199,363	240,466	304,419	291,192	236,636	192,330	168,749	154,294	154,278
13	158,149	168,791	180,780	200,335	242,473	305,035	289,745	234,665	191,417	168,109	153,951	154,313
14	158,691	169,247	181,162	201,280	244,494	305,621	288,281	232,723	190,484	167,474	153,623	154,314
15	158,996	169,674	181,478	202,244	246,629	306,070	286,715	230,807	189,560	166,860	153,310	154,299
16	159,435	170,077	181,828	203,182	248,842	306,437	285,163	228,920	188,630	166,280	152,965	154,285
17	159,788	170,466	182,230	204,168	251,109	306,653	283,589	227,032	187,725	165,746	152,674	154,252
18	159,969	171,288	182,595	205,156	253,455	306,718	282,051	225,138	186,850	165,194	152,447	154,202
19	160,268	172,008	182,979	206,152	255,970	306,798	280,476	223,328	185,989	164,635	152,182	154,070
20	160,526	172,759	183,344	207,215	258,502	306,877	278,853	221,557	185,145	164,091	151,899	154,063
21	160,813	173,251	183,793	208,325	260,999	306,849	277,158	219,777	184,334	163,493	151,657	154,003
22	161,093	173,683	184,301	209,469	263,556	306,745	275,496	218,077	183,503	162,920	151,500	154,071
23	161,346	174,112	184,850	210,575	266,090	306,594	273,797	216,383	182,664	162,352	151,310	154,649
24	161,749	174,433	185,401	211,645	268,603	306,288	272,105	214,732	181,851	161,797	151,170	154,978
25	162,934	174,803	185,949	212,736	271,040	305,939	270,368	213,098	181,104	161,218	151,081	155,277
26	163,706	175,268	186,507	213,842	273,557	305,579	268,577	211,525	180,522	160,678	150,889	155,524
27	164,180	175,384	187,136	215,052	276,108	305,246	266,801	209,993	179,842	160,189	150,640	155,870
28	164,481	175,662	187,860	216,387	278,654	304,834	265,016	208,522	179,094	159,693	150,423	156,080
29	164,674	-	188,529	217,812	281,214	304,279	263,202	207,099	178,352	159,389	150,238	156,209
30	164,804	-	189,185	219,333	283,631	303,653	261,390	205,736	177,618	158,755	150,185	156,305
31	165,192	-	189,964	-	286,034	-	259,584	204,424	-	158,341	-	156,369
MAXIMUM DAY	165,192	175,662	189,964	219,333	286,034	306,877	302,969	257,861	203,210	176,868	157,864	156,369
MINIMUM DAY	154,448	165,824	176,038	190,770	220,918	288,357	259,584	204,424	177,618	158,341	150,185	149,993

# HISTORICAL INFLOWS TO ISABELLA LAKE

## Runoff in 1,000 acre-feet

WATER YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	TOTAL
1955	11.8	14.4	16.0	18.1	22.7	28.1	35.1	67.9	83.4	29.1	18.9	10.3	355.8
1956	9.5	11.5	90.4	77.1	48.2	59.9	94.5	156.3	167.4	97.2	38.1	20.3	870.4
1957	17.6	15.7	15.1	16.4	25.3	30.3	38.5	78.1	131.8	41.0	16.4	12.5	438.7
1958	13.6	13.3	17.6	20.6	36.5	61.5	153.6	312.3	231.7	120.1	51.1	25.8	1057.7
1959	20.6	18.7	17.8	19.3	21.2	31.7	39.5	39.4	33.0	15.8	9.9	9.6	276.5
1960	9.6	9.7	10.3	12.2	10.0	13.1	23.0	29.1	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	33.7	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	98.4	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	77.3	202.9	253.0	194.9	124.6	58.1	60.6	1102.8
1983	45.1	55.2	73.7	81.0	121.2	227.6	182.2	485.9	567.1	285.8	152.5	61.0	2318.3
1984	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	150.6	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	52.7	94.1	94.1	67.7	31.3	15.0	12.0	473.7
2000	10.6	12.2	12.4	17.5	32.0	46.5	66.9	130.1	81.9	27.8	14.7	10.9	463.5
2001	12.1	12.0	11.9	14.3	17.6	35.7	57.1	125.2	41.4	23.8	11.3	9.7	371.7
2002	9.6	14.8	23.6	25.2	19.9	30.3	58.3	71.1	63.9	21.6	9.7	8.0	356.0
2003	9.0	71.8	26.3	30.9	29.6	47.3	54.5	113.2	118.1	36.1	23.4	14.8	575.0
2004	10.3	12.4	17.3	22.2	23.7	68.9	64.1	79.9	56.6	22.9	12.9	8.8	400.0
2005	12.7	14.5	16.3	68.9	47.2	91.0	129.8	283.4	231.2	123.5	45.0	26.4	1089.9
2006	22.6	19.5	31.2	51.6	35.2	62.1	143.5	296.9	222.7	100.3	36.9	20.2	1042.7
2007	18.8	17.4	20.2	19.7	20.7	33.7	35.5	51.7	24.4	13.7	10.0	8.8	274.6
MEAN	16.9	20.1	30.3	39.1	43.1	62.6	91.7	154.6	137.4	72.4	32.4	19.7	720.1

# PRECIPITATION DATA -- ISABELLA DAM & RESERVOIR

## OCTOBER 1949 TO DATE (In Inches)

WATER YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	TOTAL
1949-50	0.05	0.65	1.32	1.37	2.60	1.02	0.44	0.00	0.00	0.00	0.23	0.11	8.00
1950-51	0.08	3.16	0.98	1.12	0.18	0.93	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	0.00	14.97
1952-53	0.00	1.98	3.09	2.39	0.04	0.67	1.20	0.20	0.00	0.00	0.00	0.09	9.66
1953-54	0.13	0.90	0.78	1.88	2.26	2.13	0.16	0.07	0.00	0.00	0.00	0.00	8.33
1954-55	0.00	0.80	1.30	2.47	1.05	0.00	0.67	0.78	0.00	0.00	0.00	0.00	7.07
1955-56	0.00	1.34	4.01	4.25	0.26	0.03	1.51	0.43	0.00	0.00	0.00	0.00	12.03
1956-57	0.42	0.00	0.17	1.88	0.96	0.84	0.72	1.03	0.01	0.02	0.00	0.00	6.05
1957-58	0.19	0.33	1.63	3.09	4.45	3.63	2.77	0.24	0.00	0.00	0.05	0.20	16.58
1958-59	0.17	0.49	0.02	0.64	1.54	0.08	0.45	0.07	0.00	0.00	0.00	0.34	3.80
1959-60	0.00	0.00	0.97	1.77	6.48	0.43	1.28	0.34	0.00	0.00	0.00	0.07	11.34
1960-61	0.12	1.26	0.12	0.50	0.01	1.59	0.51	0.16	0.11	0.02	0.00	0.00	5.60
1961-62	0.00	2.15	0.79	2.55	5.35	0.00	5.35	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	0.66	0.66	0.75	0.22	0.00	0.00	0.00	0.00	0.00	0.00	7.56
1966-67	0.00	1.09	11.53	2.49	0.02	0.63	2.75	0.18	0.24	0.00	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	0.00	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	0.00	0.00	0.34	0.03	5.54
1972-73	0.66	3.13	2.48	3.96	2.57	2.65	0.25	0.25	0.00	0.00	0.00	0.00	15.95
1973-74	0.11	1.26	1.25	2.75	0.09	2.00	1.95	0.39	0.00	0.78	0.00	0.00	10.58
1974-75	2.30	0.10	1.96	0.65	1.82	2.77	0.49	0.04	0.00	0.00	0.00	0.00	12.01
1975-76	0.41	0.22	0.07	0.02	1.25	1.61	0.69	0.05	0.00	0.41	0.00	0.00	10.13
1976-77	0.23	0.07	0.32	1.50	1.04	0.75	0.91	0.00	0.39	0.00	0.00	0.00	6.08
1977-78	0.02	0.17	5.02	4.51	7.44	3.46	0.87	0.00	0.00	0.03	0.00	0.87	22.85
1978-79	0.02	0.39	1.11	3.24	3.22	2.54	3.24	0.19	0.00	0.00	0.00	1.33	11.81
1979-80	0.95	0.33	0.34	7.71	4.32	1.85	0.51	0.55	0.00	0.00	0.14	0.00	16.56
1980-81	0.09	0.01	0.63	2.65	1.49	3.05	0.23	0.34	0.00	0.00	0.00	0.04	8.53
1981-82	1.05	1.17	1.16	4.04	1.15	4.27	1.59	0.01	0.04	0.00	0.13	0.71	15.32
1982-83	0.78	3.14	3.78	4.31	4.36	5.96	0.58	0.09	0.00	0.00	1.14	0.20	24.34
1983-84	0.63	3.49	3.56	0.00	1.13	0.31	0.51	0.00	0.02	2.01	0.63	0.00	12.29
1984-85	0.62	2.90	1.93	0.68	1.16	1.71	0.03	0.00	0.00	0.00	0.00	0.15	9.18
1985-86	0.10	2.27	1.43	2.94	3.58	3.58	0.10	0.00	0.00	0.38	0.00	0.27	14.65
1986-87	0.24	0.54	0.27	2.65	2.03	1.88	0.10	0.42	0.00	0.00	0.00	0.04	8.65
1987-88	0.62	0.87	1.36	1.80	0.40	0.24	1.41	0.50	0.05	0.51	0.00	0.00	7.76
1988-89	0.00	1.75	3.15	0.29	2.24	2.28	0.09	0.04	0.00	0.00	0.00	0.62	10.46
1989-90	0.11	0.30	0.00	1.33	1.00	0.67	0.44	0.26	0.02	0.00	0.00	0.35	4.48
1990-91	0.01	0.61	0.74	0.99	1.17	6.43	0.03	0.09	0.00	0.00	0.01	0.19	10.27
1991-92	0.53	1.30	1.45	1.02	3.10	1.82	0.00	0.12	0.00	0.00	0.00	0.00	9.34
1992-93	0.94	0.00	2.80	4.09	4.15	0.79	0.00	0.00	0.64	0.00	0.00	0.00	13.41
1993-94	0.12	1.52	1.60	0.66	3.10	0.76	0.87	0.19	0.00	0.00	0.00	0.25	9.07
1994-95	0.31	1.45	0.71	7.26	1.35	3.83	0.38	0.55	0.40	0.00	0.51	0.00	16.75
1995-96	0.00	0.00	1.79	4.36	5.03	1.47	0.53	0.00	0.00	0.00	0.00	0.00	13.18
1996-97	0.66	2.38	4.29	3.90	0.13	0.00	0.00	0.00	0.00	0.08	0.00	1.02	12.46
1997-98	0.40	1.76	1.74	2.72	10.60	2.87	0.52	1.74	0.09	0.00	0.00	0.09	22.53
1998-99	0.12	1.03	0.60	3.82	0.51	0.57	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	0.15	0.10	0.00	0.00	0.00	0.00	7.23
2000-01	0.51	0.14	0.23	2.28	3.16	0.42	1.86	0.00	0.00	0.00	0.00	0.00	8.75
2001-02	0.57	3.11	2.37	0.39	0.32	1.09	0.03	0.28	0.00	0.11	0.00	0.00	8.27
2002-03	0.00	0.71	2.65	0.01	1.70	1.24	0.73	0.56	0.00	0.29	0.78	0.56	14.28
2003-04	0.18	0.39	2.04	1.09	3.04	0.46	0.05	0.00	0.00	0.00	0.00	0.00	7.57
2004-05	1.98	0.06	2.76	6.03	0.98	2.01	0.72	0.68	0.00	0.00	0.85	0.51	16.92
2005-06	1.11	0.06	3.63	3.10	1.38	2.21	0.93	0.02	0.00	1.68	0.00	0.00	14.12
2006-07	0.19	0.06	2.32	0.57	1.84	0.68	0.20	0.00	0.00	0.00	0.00	0.42	6.28
AVERAGE	0.36	1.21	1.88	2.42	2.14	1.64	0.69	0.25	0.80	0.14	0.18	0.33	11.32
MAXIMUM	2.30	5.76	11.53	9.56	10.60	6.43	2.77	1.74	0.80	2.01	1.20	5.20	24.34
MINIMUM	1.13	2.85	5.20	2.58	3.40	1.72	1.45	0.75	0.50	1.56	1.01	3.09	1.56
DATE OF OCCURRENCE	10/19/04	11/20/50	12/05/66	01/09/05	02/01/60	03/04/91	04/02/74	05/26/99	06/08/72	07/20/06	08/08/63	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	79.7	79.7	82.8	79.7	67.3	52.1	50.8	62.3
1959	47.6	46.1	56.5	64.1	62.8	72.2	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	50.7	59.5	62.0	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	78.8	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	51.8	47.2	59.2
1965	46.1	47.9	49.6	54.1	60.7	67.1	77.3	79.5	66.5	64.4	48.6	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	39.7	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	42.4	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	59.1	46.9	39.6	59.1
1973	40.3	45.7	42.8	53.0	64.9	73.1	76.6	76.2	68.5	56.8	45.7	44.9	57.6
1974	41.3	44.6	49.4	51.2	62.2	72.5	76.6	74.2	72.4	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	68.3	57.6	48.7	45.1	56.9
1976	44.2	45.7	47.4	50.6	65.7	77.5	77.5	70.5	68.3	60.3	53.6	44.5	58.3
1977	42.8	48.4	43.8	55.4	65.4	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	70.0	79.1	79.7	73.2	66.9	52.9	47.1	60.9
1982	41.8	47.8	47.4	52.5	63.6	68.6	75.6	73.7	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	58.2	51.0	44.5	59.6
1986	49.7	49.0	53.5	54.9	63.5	73.7	75.7	78.6	64.1	64.4	48.6	38.8	58.2
1987	38.9	45.9	47.5	59.0	63.2	73.8	72.6	76.5	69.6	64.4	50.3	43.1	59.7
1988	42.3	48.5	50.8	55.1	63.0	70.3	80.2	74.3	68.4	58.6	50.8	44.2	59.2
1989	41.8	43.4	52.7	61.7	68.4	72.1	78.4	77.0	72.5	62.7	49.4	37.4	58.5
1990	42.5	42.6	50.7	57.9	61.7	71.0	80.1	74.9	77.2	67.6	53.4	45.2	59.9
1991	42.7	50.8	43.6	51.2	56.7	71.0	82.1	77.8	72.2	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	80.4	80.0	74.6	61.4	52.6	44.2	62.1
1998	46.7	44.3	52.7	53.2	56.1	67.8	80.5	82.5	71.2	59.3	50.8	43.9	59.1
1999	47.9	48.1	49.1	52.2	63.8	72.3	78.9	77.5	75.9	68.0	56.4	47.8	61.5
2000	47.4	49.0	51.9	58.2	67.4	77.1	79.0	80.4	73.3	61.7	48.6	49.5	62.0
2001	44.4	44.1	54.8	53.5	73.0	76.9	79.7	81.6	76.0	67.4	54.1	43.5	62.4
2002	50.4	50.4	51.0	57.7	65.4	76.3	83.6	79.4	74.7	62.0	55.8	45.8	62.1
2003	52.0	47.8	53.5	55.5	66.6	76.0	83.8	80.4	77.7	68.9	49.2	46.5	63.2
2004	44.9	45.3	59.1	60.1	66.7	75.7	81.9	80.6	72.8	60.0	49.8	46.7	62.0
2005	46.4	48.8	53.5	54.9	64.5	70.6	84.8	81.4	70.4	62.7	56.4	49.1	62.0
2006	46.9	49.9	55.0	55.0	68.3	77.4	84.5	79.2	75.0	62.1	54.5	46.0	62.1
2007	43.0	48.7	56.6	58.4	68.5	76.6	82.8	82.3	72.3	62.5	57.2	44.2	62.8
Normal Maximum	44.5	47.3	50.8	55.6	63.8	73.0	79.7	78.4	72.2	62.1	51.4	44.7	60.3
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	4.95	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	14.04	12.71	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	14.32	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	16.03	14.78	8.79	96.37
1982-83	5.77	3.60	1.80	2.11	2.10	3.78	5.67	10.91	13.32	14.32	13.36	8.28	87.47
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	14.78	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	2.53	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	12.78	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	13.03	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	14.03	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	9.30	89.69
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	1.83	1.83	4.71	8.03	11.79	14.13	15.27	14.59	10.46	98.40
2000-01	6.08	3.27	3.19	2.28	1.85	5.67	6.57	13.31	15.73	14.94	15.09	11.28	99.26
2001-02	7.59	3.34	1.58	1.78	3.62	5.06	7.81	11.42	14.99	15.65	14.73	11.28	98.85
2002-03	7.10	3.95	2.05	2.85	2.84	5.32	5.40	12.15	13.36	16.22	12.48	10.65	90.57
2003-04	7.36	3.02	2.53	2.20	1.74	5.96	8.86	12.15	14.44	16.22	14.21	11.30	99.99
2004-05	5.62	3.16	2.00	1.50	2.38	4.03	6.13	9.30	12.37	15.23	13.53	9.33	84.58
2005-06	6.15	4.33	2.78	2.62	2.33	4.93	9.77	11.93	14.10	12.23	14.10	10.17	83.09
2006-07	5.80	3.62	1.98	2.12	2.26	5.82	7.09	11.26	12.96	15.77	14.40	9.41	92.49
MEAN	6.33	3.38	2.19	2.20	2.71	4.72	7.06	10.44	13.18	14.85	13.40	9.79	90.25

# ISABELLA RESERVOIR EVAPORATION

April 1954 to Date

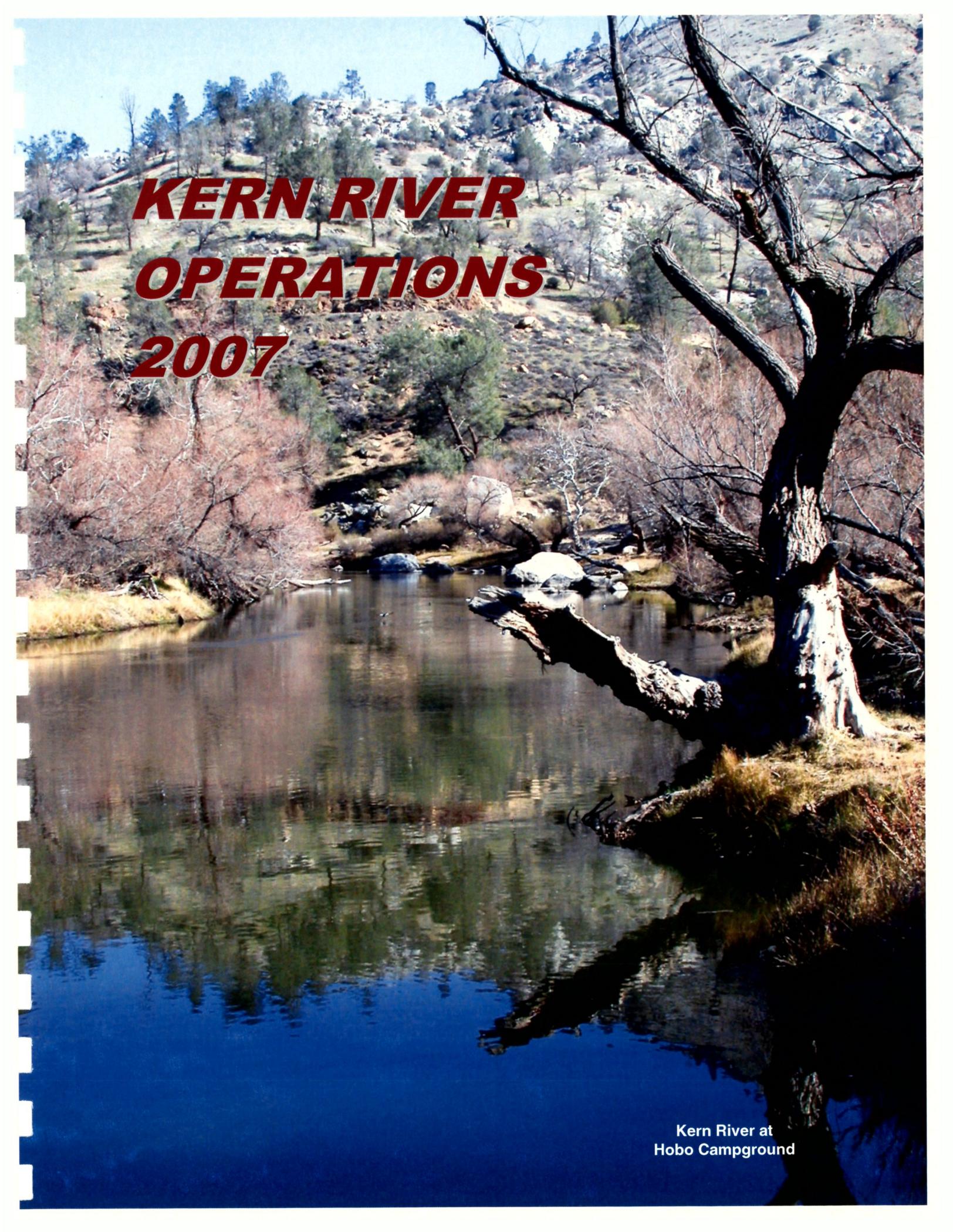
Year: 2007

Quantities in acre-feet

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
1954				181	1,662	2,554	2,599	1,563	833	436	192	109	10,129
1955	72	117	236	141	526	1,547	1,705	1,375	847	542	258	190	7,556
1956	407	788	1,444	1,797	3,330	5,496	6,084	5,484	4,183	2,056	1,058	897	33,616
1957	628	724	1,258	1,823	2,210	4,588	5,173	4,512	3,068	1,568	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	2,148	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	2,836	2,057	849	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	2,957	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	5,300	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	702	46,169
1976	1,468	1,291	1,952	2,537	4,552	5,226	4,560	3,261	2,108	1,609	984	1,125	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	3,371	6,337	9,535	10,374	10,171	6,637	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	6,335	8,180	10,967	9,418	7,337	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	6,381	3,814	1,656	1,188	55,001
1984	1,624	1,547	2,545	3,594	7,055	8,327	9,025	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	2,755	4,292	5,572	6,458	4,653	3,027	2,029	1,380	877	33,497
1991	409	547	635	2,218	2,705	3,713	3,993	2,872	2,035	1,609	797	480	22,423
1992	1,137	1,016	1,295	2,218	2,674	4,568	5,171	4,026	2,951	2,315	1,789	1,434	28,106
1993	970	1,081	1,365	2,888	5,185	7,057	9,080	4,024	2,910	1,862	1,285	1,238	29,118
1994	1,170	1,063	2,212	2,945	4,253	6,827	6,833	5,585	3,431	3,652	2,291	1,139	48,579
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	8,941	8,428	5,790	4,219	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	3,802	2,045	1,569	45,867
1999	1,384	1,252	1,983	2,430	5,092	7,761	7,761	6,480	5,113	2,499	1,363	1,252	41,235
2000	849	649	1,686	2,971	5,060	6,944	7,315	6,327	4,320	2,499	1,363	1,252	41,235
2001	780	551	1,620	2,053	5,165	6,791	5,978	4,647	3,358	2,081	1,115	524	36,450
2002	541	928	1,261	2,146	3,634	5,581	5,597	4,647	3,338	2,081	1,488	813	32,055
2003	1,018	833	1,714	1,932	3,848	6,732	7,822	6,026	4,911	3,316	1,335	1,071	40,658
2004	827	575	2,027	3,283	4,852	6,083	7,922	5,062	3,658	1,791	1,029	633	36,346
2005	486	718	1,341	1,941	5,040	8,194	10,526	8,963	6,010	3,866	2,604	1,016	51,305
2006	1,327	1,210	1,031	2,507	5,429	8,164	8,164	6,851	5,617	3,281	2,075	1,089	45,525
2007	1,016	934	2,313	2,838	4,715	5,546	6,323	5,155	3,269	2,818	1,872	891	37,690
Average	816	909	1,581	2,478	4,299	6,215	7,065	6,004	4,200	2,718	1,444	887	38,615

**ISABELLA RESERVOIR**  
**HISTORICAL QUANTITIES OF MAXIMUM & MINIMUM STORAGE WITH DATE OF OCCURRENCE & CARRYOVER STORAGE**  
 Units in Acre-Feet

Year	Maximum Annual Storage	Date of Occurrence	Minimum Annual Storage	Date of Occurrence	December 31 Carryover Storage
1954	85,380	June 9, 1954	0	April 16, 1954	8,670
1955	78,567	December 31	4,330	April 21	78,567
1956	283,033	June 30	79,823	January 1	130,313
1957	183,979	June 20	101,074	December 14	101,413
1958	455,162	June 28	100,947	January 23	196,112
1959	207,674	May 21	71,344	December 19	71,608
1960	119,253	May 19	29,119	December 31	29,119
1961	53,096	June 17	17,410	November 19	17,524
1962	173,675	June 29	17,448	January 11	82,849
1963	369,990	June 28	82,190	January 28	170,043
1964	203,628	June 7	94,497	December 18	118,303
1965	288,937	July 9	117,117	March 23	171,193
1966	337,369	December 21	81,941	November 27	313,258
1967	538,698	July 20	199,282	December 14	199,937
1968	261,193	June 6	119,349	December 7	124,480
1969	578,116	July 14	124,283	January 12	225,535
1970	327,771	June 10	156,517	November 24	172,038
1971	240,996	June 22	120,161	November 25	122,040
1972	126,754	June 11	50,030	October 16	55,589
1973	399,448	June 29	55,449	January 7	205,948
1974	475,881	June 23	201,710	March 1	223,930
1975	348,695	June 17	169,893	December 17	170,190
1976	171,617	January 26	67,668	December 29	67,701
1977	82,347	June 16	34,504	December 16	43,820
1978	491,451	July 16	44,060	January 1	244,904
1979	442,035	June 11	208,632	December 30	208,768
1980	585,381	July 3	208,224	January 7	229,813
1981	312,456	June 7	166,907	December 27	168,210
1982	560,083	June 29	168,984	January 1	261,558
1983	630,825	July 6	260,010	January 9	311,944
1984	407,745	June 7	244,755	December 15	244,979
1985	388,621	June 13	189,823	November 23	195,516
1986	562,134	June 16	195,579	January 1	244,085
1987	276,266	June 7	142,661	December 1	143,410
1988	158,189	June 6	72,638	December 9	73,545
1989	184,801	June 1	71,111	February 18	85,978
1990	97,420	June 12	45,895	December 18	46,014
1991	175,558	June 19	45,300	February 27	89,654
1992	153,942	June 5	82,080	December 28	82,262
1993	416,982	June 29	82,189	January 1	242,525
1994	262,332	June 6	115,492	December 24	115,585
1995	551,921	July 19	115,492	January 3	246,474
1996	546,849	June 11	244,979	December 4	252,811
1997	491,994	June 6	242,450	December 30	242,525
1998	562,474	July 24	242,005	January 31	244,904
1999	334,267	June 8	169,341	December 31	169,341
2000	293,234	June 8	129,469	December 29	129,519
2001	244,904	June 3	98,787	November 22	105,906
2002	184,173	June 15	82,043	November 6	138,222
2003	312,710	June 19	138,326	January 1	148,505
2004	227,948	May 30	92,762	December 26	94,083
2005	538,557	June 17	94,043	January 6	246,549
2006	423,529	May 22	225,807	December 8	226,732
2007	243,340	May 24	104,818	December 6	107,442



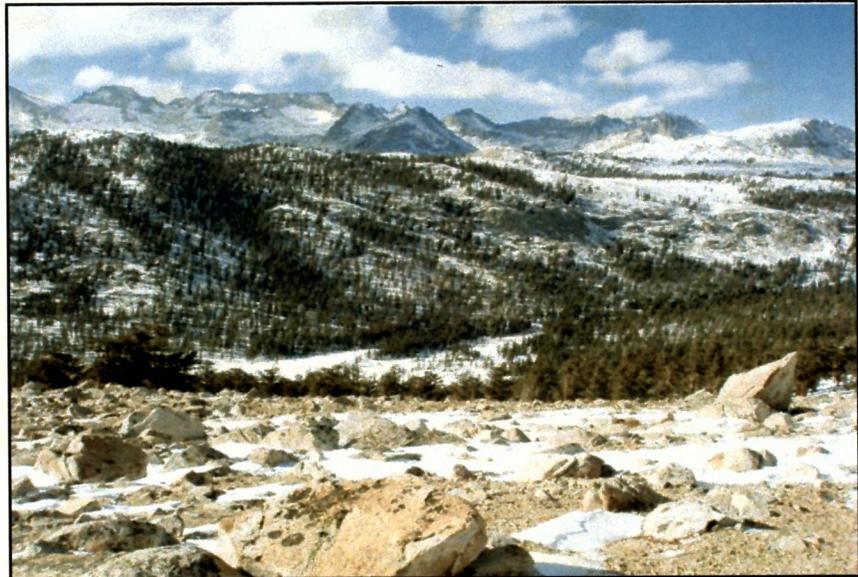
***KERN RIVER  
OPERATIONS  
2007***

Kern River at  
Hobo Campground

## KERN RIVER IN REVIEW 2007

### Introduction

Despite a bone-dry beginning to the 2006-07 Water Year due to the persistence of warm, clear conditions during October and November of 2006, prospects for a stronger than normal Kern River runoff yield during 2007 began to take shape by the second week of December 2006, as a series of wet storms began their trek into the Kern River watershed. Fueled by a moderate El Niño warm phase that had been intensifying in the equatorial Pacific during the later part of 2006, December 2006 storms brought 2.32" of precipitation to the Isabella Dam rain gage (123% of normal) and added 4" of new water content to the Kern River Basin snowpack. The favorable, moist storm track turned north after the storm of January 4, 2007, as El Niño conditions faded rapidly. In its place,

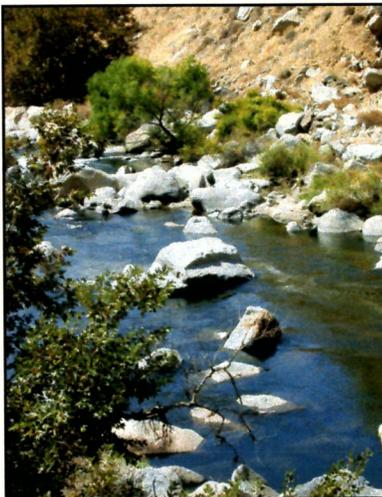


*Tyndall Creek, Elev. 10,650 ft., Kern River Basin*

a dry, frigid Arctic air mass settled over the southern Sierra Nevada mountains and adjacent San Joaquin Valley, producing record-breaking low temperatures and leading to one of the driest January's on record.

During February 2007, a series of storms beginning the 9<sup>th</sup> brought much needed rain and snow to the Kern River drainage area, however, the basin turned hot and dry around the 1<sup>st</sup> of March 2007, resulting in peak snowpack accumulation occurring approximately 30 days ahead of the historical April 1<sup>st</sup> date of maximum seasonal accumulation. Lack of any significant storm activity during the March-May 2007 spring months coupled with the 4<sup>th</sup> warmest temperatures for this period encountered since readings were first taken in 1956, sent Kern River April-July runoff projections spiraling downward. The final snow melt yield as recorded at First Point of Measurement was only **123,410** acre-feet, **26%** of normal, the lowest amount of April-July flow measured since 1990 and 8<sup>th</sup> driest of record dating back to 1894.

### Precipitation



*Kern River near Mouth of Canyon*

Monthly precipitation amounts in inches as recorded at selected Kern County stations during the 2006-2007 Water Year were as follows:

	Bakersfield Meadows Field (Elev. 494 ft.)			Isabella Dam (Elev. 2660 ft.)			Glennville (Elev. 3140 ft.)		
	<u>06-07</u>	<u>Ave.</u>	<u>% of</u>	<u>06-07</u>	<u>Ave.</u>	<u>% of</u>	<u>06-07</u>	<u>Ave.</u>	<u>% of</u>
			<u>Ave.</u>			<u>Ave.</u>			<u>Ave.</u>
Oct	0.29	0.30	97%	0.19	0.36	53%	0.55	0.75	73%
Nov	0.02	0.59	3%	0.06	1.21	5%	0.27	1.85	15%
Dec	0.60	0.76	79%	2.32	1.88	123%	4.76	2.96	161%
Jan	0.21	1.18	18%	0.57	2.42	24%	1.42	3.32	43%
Feb	0.99	1.21	82%	1.84	2.14	86%	3.20	2.99	107%
Mar	0.44	1.41	31%	0.68	1.64	41%	1.79	3.05	59%
Apr	0.51	0.45	113%	0.20	0.69	29%	2.20	2.06	107%
May	0.00	0.24	0%	0.00	0.25	0%	0.00	0.75	0%
Jun	0.00	0.12	0%	0.00	0.08	0%	0.00	0.18	0%
Jul	0.00	0.00	0%	0.00	0.14	0%	0.00	0.04	0%
Aug	0.00	0.08	0%	0.00	0.18	0%	0.00	0.10	0%
Sep	0.13	0.15	87%	0.42	0.33	127%	0.92	0.37	249%
<b>TOTAL</b>	<b>3.19</b>	<b>6.49</b>	<b>49%</b>	<b>6.28</b>	<b>11.32</b>	<b>55%</b>	<b>15.11</b>	<b>18.42</b>	<b>82%</b>

Temperature

Isabella, California, 2007 mean air temperatures (°F) with comparative averages were as follows:

	2007 <u>Actual</u>	<u>Normal</u>	Variance from <u>Norm</u>		2007 <u>Actual</u>	<u>Normal</u>	Variance from <u>Norm</u>
Jan	43.0	44.5	-1.5	Jul	82.8	79.7	+3.1
Feb	48.7	47.3	+1.4	Aug	82.3	78.4	+3.9
Mar	56.6	50.8	+5.8	Sep	72.3	72.2	+0.1
Apr	58.4	55.6	+2.8	Oct	62.5	62.1	+0.4
May	68.5	63.8	+4.7	Nov	57.2	51.4	+5.8
Jun	76.6	73.0	+3.6	Dec	44.2	44.7	-0.5

The mean annual temperature as recorded at Isabella Dam for 2007 was 62.8° Fahrenheit, 2.5° above the long-term (1956 to 2007) normal. The maximum high temperature for 2007 reached a scorching 112° over three consecutive days between July 4-6, 2007, with the low of 19° occurring on January 14, 2007. Beginning January 11, 2007, an Arctic cold front plunged deep into the southern portions of the San Joaquin Valley and Sierra Nevada Mountains, causing temperatures to plummet to the lowest levels observed since December of 1998. At the 9,000 foot level above Lake Isabella, remote snow sensors reported temperatures as low as minus 22° Fahrenheit. Over the period of January 14, 15, and 16, 2007, Bakersfield, California shivered with record-breaking low temperatures of 23°, 24° and 25°, respectively.

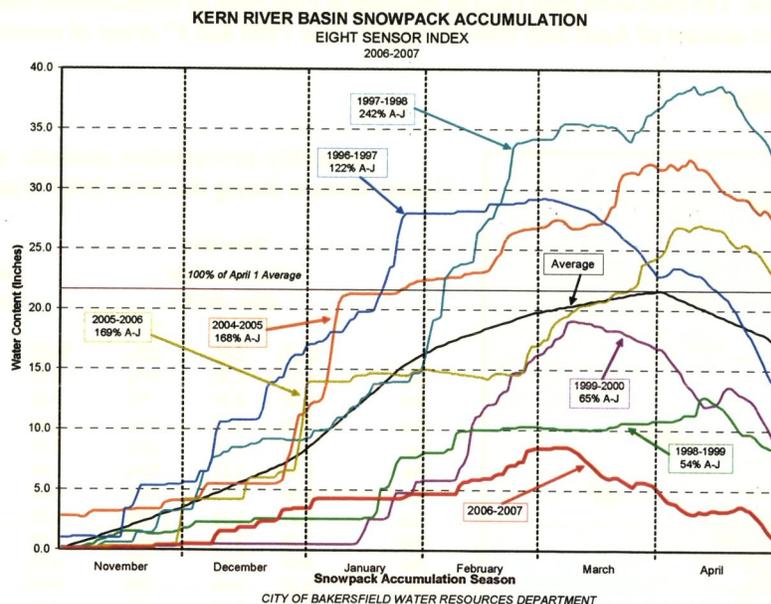
Snowpack

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, 2007, with April 1<sup>st</sup> 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, 2007	9.4	5.5	9.3	11.7	2.2	0.1	3.4	0.0
April 1, Average	27.7	19.8	21.8	24.9	30.3	15.6	20.7	11.0

An illustration of the Kern River Basin 2006-07 winter snowpack accumulation is shown on the chart below. Prior to the first major storm event of the season which occurred over the period of December 9-10, 2006, the Kern River Basin held but 2% of its April 1<sup>st</sup> average snowpack, a reflection of the dry conditions prevalent during October, November and early December of 2006.

An abrupt Pacific storm swept through the Kern River watershed on December 27, 2006, leaving a daily record precipitation amount of .77" at Isabella Dam headquarters, and dropping 1.64" of rain at the Glennville Fire Station, but, indicative of most 2006-07 winter storms, was not a major snow producer in the high Sierra. During January 2007, other than minor storm activity logged during the first and last parts of the month, blocking high pressure deflected the storm track well north of the Kern River drainage area, resulting in a basin-wide average snow water content of only 20% of the April 1<sup>st</sup> average as of February 1, 2007. A chain of weak storms during February 2007 did little to improve the water supply outlook, and were followed by an extended dry spell during the first three weeks of March 2007. Early March snow melt together with a profound lack of seasonal precipitation culminated in the lowest reported Kern River Basin April 1<sup>st</sup> snowpack water content since snow surveys were begun in the Kern River watershed in 1949.



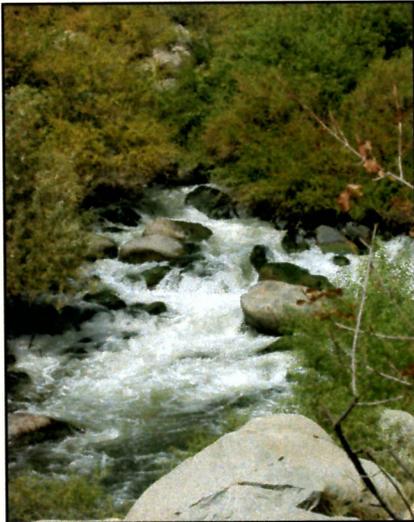
Early March snow melt together with a profound lack of seasonal precipitation culminated in the lowest reported Kern River Basin April 1<sup>st</sup> snowpack water content since snow surveys were begun in the Kern River watershed in 1949.

Forecast

The State of California, Department of Water Resources, issued the following forecasts of Kern River runoff into Isabella Reservoir for the 2007 April-July snow melt period:

February 1, 2007:	48% of average (220,000 acre-feet)
March 1, 2007:	46% of average (210,000 acre-feet)
April 1, 2007:	33% of average (150,000 acre-feet)
May 1, 2007:	31% of average (145,000 acre-feet)

Runoff



*Kern River near Miracle Hot Springs*

Actual 2007 April-July Kern River inflow to Lake Isabella was 125,364

acre-feet (27% of average). Peak snow melt inflow to the Isabella Reservoir occurred on May 19, 2007 with 1,017 cubic feet per second. Calendar Year runoff at First Point of Measurement near Bakersfield for 2007 amounted to 252,692 acre-feet, 35% of the long-term average (728,470 acre-feet) and 46% of the historical median (543,585 acre-feet). Kern River natural flow dropped below 300 cubic feet per second as of June 23, 2007, the earliest date for this to occur over the course of the April through July snow melt period since June of 1977.

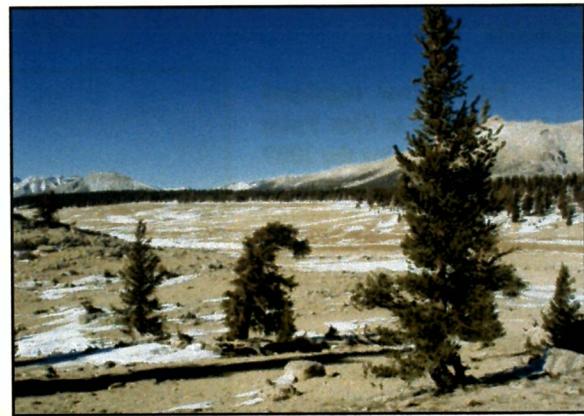
Storage

Entering the new year, Isabella Reservoir held 226,732 acre-feet of storage, a result of excess water supply carried over from the much above normal Kern River runoff in 2006. Peak reservoir storage for 2007 occurred on May 24<sup>th</sup> at 243,340 acre-feet. The gain in reservoir storage from the 1<sup>st</sup> of January to the date of maximum annual storage was 16,465 acre-feet, the lowest seasonal storage increase since 1990. Over the 54-year history of the Isabella Dam project, the

leanest gain in reservoir storage after the first of the year occurred in 1976 when dam storage increased by only 1,486 acre-feet. By contrast, the largest increment in reservoir storage gain between January 1<sup>st</sup> and date of maximum annual storage was in 1969, when peak storage (578,116 acre-feet) exceeded the January 1, 1969 storage amount by 453,685 acre-feet.

On February 26, 2007, an agreement was reached between the North Kern Water Storage District and the Southern California Edison Company (SCE) to allow for the storage of Borel Powerplant water entitlement in Isabella Reservoir. The spring 2007 Borel storage program enabled participating Kern River water districts to store an additional 2,449 acre-feet in Isabella Reservoir during the March-May period of 2007 to help meet peak summer water demands. Due to low lake levels (less than 110,000 acre-feet) occurring in the fall of 2007, the North Kern Water Storage District, in lieu of U.S. Army Corps of Engineers efforts to re-establish direct diversion of the entitled flow of Kern River North Fork through the original Borel Canal head works, entered into a subsequent agreement with SCE. This agreement, dated November 20, 2007, helped to address the potential shortfall in diversion of Borel power generation entitlement via the Isabella Auxiliary Dam that might occur over the 2007-08 winter period as a result of insufficient lake surface elevation.

Isabella Reservoir ended the year with 107,442 acre-feet of storage, equating to 19% of lake capacity and 69% of the average December 31<sup>st</sup> carryover storage figure of 156,369 acre-feet.



*Siberian Outpost, Elev. 10,900 ft., Kern River Basin  
(Photo taken during February 2007 snow survey)*



Operations

Kern River regulated flow as computed at First Point of Measurement during the 2007 Calendar Year amounted to 334,293 acre-feet, 47% of the 1954-2007 average regulated flow of 707,594 acre-feet. Maximum regulated flow for the year occurred on July 12, 2007, with a mean daily discharge of 1,271 cubic feet per second. Due to the limited availability of Kern River water, the Carrier Canal system was extensively utilized during the 2007 peak irrigation season in an effort to maximize canal deliveries. Pursuant to a Temporary Use Agreement between the North Kern Water Storage District and City of Bakersfield, Kern River water was conveyed via the Beardsley Canal for delivery to the Improvement District No. 4 (ID4) Henry C. Garnett Water Purification Plant through a reverse flow operation involving use of Cawelo Water District's Cross Valley Canal Pump Station "A" facility. The first-time operation, begun on September 6, 2007, resulted in the efficient delivery of nearly 7,000 acre-feet of ID4 Kern River exchange water supply during the fall of the year.



*Farmers-Stine-Anderson Weir Rehabilitation Project (August-December 2007)*

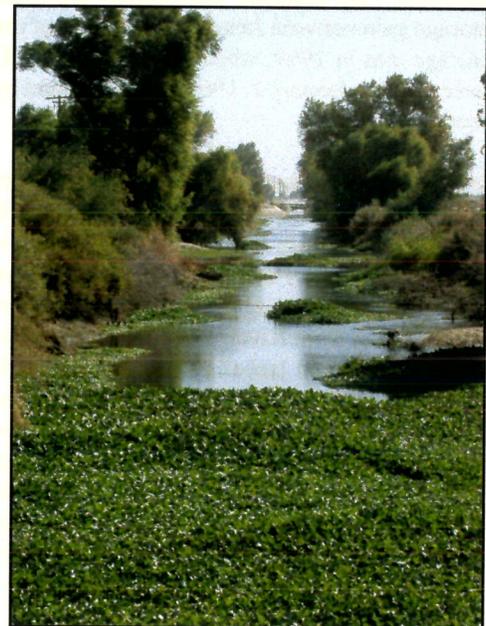
Deliveries of Kern River water to Second Point of Measurement totaled 22,927 acre-feet during 2007. An additional amount of 84,936 acre-feet of well water was produced from various groundwater banking projects situated on the Kern River Fan and transported via the Kern River Canal for distribution below Second Point in 2007.

Total water yield of the Kern River drainage basin and its surface storage reservoir in acre-feet during 2007 is summarized as follows:

+	Kern River Computed Natural Flow .....	252,692
+	Isabella Reservoir Storage .....	119,291
-	Isabella Reservoir Evaporation .....	37,690
-	Kern River Diversion Above First Point .....	16,243
=	Kern River Flow at First Point .....	318,050

Delivery of **Kern River** water to canal and conveyance facilities located below First Point of Measurement for the 2007 Calendar Year was as follows:

<u>Delivery Point</u>	<u>Flow in Acre-Feet</u>
Beardsley Canal	120,641
Calloway Canal	9,421
Kern Island Canal	121,145
Eastside Canal	10,962
Stine Canal	3,495
Arvin-Edison Turnout	300
Buena Vista Canal	7,986
Rosedale Channel	0
Truxtun Lakes	727
The Park at River Walk	746
Berrenda Mesa Pipeline	1,144
Pioneer Property	811
2800 Acre Recharge Facility	2,063
Second Point of Measurement	22,927
Seepage Loss (River & Carrier)	15,682



*View from end of Kern River Canal*

Year: 2007

Kern River at First Point of Measurement "Computed Natural"

DISCHARGE IN CUBIC FEET PER SECOND

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	331	338	459	544	875	703	229	203	165	148	182	151
2	322	352	463	567	885	628	220	192	155	153	179	153
3	309	344	461	592	809	576	226	173	144	154	185	157
4	311	332	457	645	776	543	239	161	140	154	195	148
5	592	323	468	645	750	517	255	152	142	159	190	159
6	402	331	476	660	688	511	249	154	158	165	187	258
7	371	341	501	653	613	465	246	154	159	168	177	365
8	357	340	495	672	587	426	234	157	156	167	171	448
9	352	349	510	693	689	392	224	162	144	159	164	240
10	354	362	510	718	796	397	211	164	135	159	166	198
11	362	668	536	702	894	409	208	159	134	147	162	194
12	351	509	560	654	925	445	212	150	130	150	175	191
13	314	437	579	587	927	461	213	151	120	140	180	175
14	275	402	593	555	949	479	204	152	121	148	191	180
15	282	383	628	538	936	457	191	144	117	141	184	172
16	303	378	656	509	969	437	181	140	127	141	182	175
17	327	379	657	502	986	412	180	142	127	135	174	169
18	343	390	676	480	1,018	389	178	151	132	148	172	246
19	347	408	683	491	997	386	180	152	132	151	166	307
20	357	422	720	478	970	383	172	152	140	161	166	241
21	328	389	697	474	933	368	168	149	145	165	155	287
22	303	387	660	489	909	324	166	151	149	180	154	222
23	305	367	614	515	857	273	177	154	157	190	154	213
24	321	382	563	557	795	265	180	166	156	194	165	210
25	336	369	573	563	722	257	172	165	163	184	160	196
26	337	380	573	590	704	257	170	169	160	179	156	201
27	339	548	588	612	727	250	175	164	155	170	154	188
28	330	440	563	684	780	253	184	175	153	171	150	187
29	321	-	559	738	804	263	187	181	151	171	147	183
30	308	-	557	866	804	240	191	191	142	177	149	190
31	334	-	554	-	773	-	211	182	-	188	-	183
TOTAL	10,524	11,050	17,589	17,973	25,847	12,166	6,233	5,012	4,309	5,017	5,092	6,587
MAXIMUM DAY	592	668	720	866	1,018	703	255	203	165	194	195	448
MINIMUM DAY	275	323	457	474	587	240	166	140	117	135	147	148
MEAN	339	395	567	599	834	406	201	162	144	162	170	212
TOTAL AC. FT.	20,874	21,917	34,887	35,649	51,267	24,131	12,363	9,941	8,547	9,951	10,100	13,065
WHOLE YEAR:-	TOTAL,	127,399	MAX.,	1,018	MIN.,	117	MEAN,	349	TOTAL AC.FT.,	252,692		

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

**DISCHARGE IN CUBIC FEET PER SECOND**

**Year: 2007**

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	294	254	361	504	875	696	176	166	148	145	155	161
2	289	246	372	528	906	634	171	164	146	143	155	154
3	289	246	382	552	872	573	169	163	140	141	153	145
4	320	258	394	600	783	562	161	163	131	140	150	158
5	415	263	395	618	698	591	156	161	130	142	151	161
6	323	277	406	609	627	570	164	157	125	145	152	165
7	329	277	419	612	594	529	165	156	126	151	153	393
8	319	272	434	660	589	458	162	153	125	154	151	327
9	308	272	432	708	665	404	157	150	123	152	151	205
10	309	286	419	681	785	383	152	147	123	150	152	184
11	301	432	429	641	869	390	152	143	123	150	153	181
12	254	432	453	598	914	409	177	144	121	149	162	179
13	189	352	495	545	961	420	185	144	120	149	168	177
14	200	332	528	534	953	420	184	144	118	151	162	176
15	233	313	563	508	941	431	179	146	121	151	160	175
16	269	312	582	502	942	443	179	145	125	151	159	178
17	260	317	610	506	971	443	186	146	126	152	157	175
18	249	326	633	491	1,022	415	178	157	129	154	157	187
19	260	354	660	454	983	377	174	161	129	154	160	321
20	264	360	647	457	983	362	174	155	128	151	161	246
21	250	337	617	450	987	356	174	130	134	150	161	258
22	187	338	569	468	918	320	170	119	140	148	159	192
23	227	346	527	498	816	287	164	118	149	148	158	205
24	241	328	509	515	739	263	159	116	151	146	157	212
25	243	343	510	517	696	225	171	124	147	145	153	205
26	247	347	529	529	693	208	184	120	143	145	158	194
27	247	382	551	557	743	194	189	120	141	146	159	191
28	265	376	507	634	812	190	189	135	145	147	158	188
29	262	-	515	742	795	187	183	147	147	151	161	190
30	253	-	517	858	791	182	174	141	146	154	160	191
31	257	-	502	-	768	-	170	144	-	153	-	192
<b>TOTAL</b>	<b>8,353</b>	<b>8,978</b>	<b>15,467</b>	<b>17,076</b>	<b>25,691</b>	<b>11,922</b>	<b>5,328</b>	<b>4,479</b>	<b>4,000</b>	<b>4,608</b>	<b>4,706</b>	<b>6,266</b>
<b>MAXIMUM DAY</b>	<b>415</b>	<b>432</b>	<b>660</b>	<b>858</b>	<b>1,022</b>	<b>696</b>	<b>189</b>	<b>166</b>	<b>151</b>	<b>154</b>	<b>168</b>	<b>393</b>
<b>MINIMUM DAY</b>	<b>187</b>	<b>246</b>	<b>361</b>	<b>450</b>	<b>589</b>	<b>182</b>	<b>152</b>	<b>116</b>	<b>118</b>	<b>140</b>	<b>150</b>	<b>145</b>
<b>MEAN</b>	<b>269</b>	<b>321</b>	<b>499</b>	<b>569</b>	<b>829</b>	<b>397</b>	<b>172</b>	<b>144</b>	<b>133</b>	<b>149</b>	<b>157</b>	<b>202</b>
<b>TOTAL AC. FT.</b>	<b>16,568</b>	<b>17,808</b>	<b>30,678</b>	<b>33,870</b>	<b>50,957</b>	<b>23,647</b>	<b>10,568</b>	<b>8,884</b>	<b>7,934</b>	<b>9,140</b>	<b>9,334</b>	<b>12,428</b>
<b>WHOLE YEAR:-</b>	<b>TOTAL,</b>	<b>116,874</b>	<b>MAX.,</b>	<b>1,022</b>	<b>MIN.,</b>	<b>116</b>	<b>MEAN,</b>	<b>320</b>	<b>TOTAL AC.FT.,</b>	<b>231,816</b>		

Year: 2007

Kern River at First Point of Measurement "Regulated"

DISCHARGE IN CUBIC FEET PER SECOND

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	268	607	303	425	647	878	885	745	312	259	152	333
2	292	570	280	548	632	708	1,020	676	325	233	149	357
3	313	542	289	556	644	822	991	625	371	204	151	367
4	306	528	302	513	573	902	996	632	386	217	152	368
5	335	486	381	515	449	870	977	803	270	196	151	363
6	325	438	469	483	433	887	973	885	261	193	155	355
7	320	430	467	427	513	902	850	918	300	254	173	336
8	339	418	541	435	558	828	962	880	279	255	188	290
9	344	404	588	498	563	675	1,052	821	310	244	173	121
10	324	396	555	553	554	620	1,212	746	349	253	158	112
11	302	399	579	559	438	771	1,151	624	409	246	185	110
12	293	421	576	567	377	913	1,271	792	404	209	155	113
13	296	412	535	466	411	945	914	725	315	190	151	112
14	289	402	463	399	446	998	684	609	298	183	166	106
15	307	378	381	398	483	838	923	573	298	189	182	132
16	383	348	390	397	507	592	933	576	316	192	187	142
17	397	337	370	395	539	558	998	601	341	213	176	155
18	395	339	361	394	527	684	974	543	292	174	157	244
19	427	329	547	390	419	798	741	539	257	158	147	209
20	412	342	509	392	473	890	707	493	264	155	151	166
21	390	345	526	399	551	924	737	462	244	165	160	164
22	393	372	571	387	595	923	916	466	230	222	150	121
23	383	374	594	393	646	677	929	479	238	204	145	104
24	392	368	559	391	664	791	961	468	244	188	152	99
25	389	362	548	399	697	882	970	421	218	176	144	132
26	373	356	477	428	642	937	999	427	234	171	145	127
27	371	369	411	481	721	995	962	444	213	185	141	141
28	373	361	397	520	870	987	809	416	216	208	154	170
29	461	-	410	522	953	999	959	388	223	212	182	171
30	831	-	448	565	983	834	963	370	244	211	230	168
31	779	-	419	-	990	-	807	368	-	265	-	161
TOTAL	11,802	11,433	14,246	13,795	18,498	25,028	29,226	18,515	8,661	6,424	4,862	6,049
MAXIMUM INSTANT.	954	643	935	615	1,065	1,126	1,596	1,035	456	298	301	435
MINIMUM INSTANT.	197	220	114	334	350	387	658	284	198	151	116	87
MEAN	381	408	460	460	597	834	943	597	289	207	162	195
TOTAL AC. FT.	23,408	22,678	28,256	27,362	36,690	49,642	57,969	36,724	17,179	12,742	9,645	11,998
WHOLE YEAR:-	TOTAL,	168,539	MAX.,	1,596	MIN.,	197	MEAN,	462	TOTAL AC.FT.,	334,293		

Year: 2007

Kern River Conduit at Alternate Second Point (Total Flow)

DISCHARGE IN CUBIC FEET PER SECOND

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	271	0	0	0	0	92	187	0	0	0	0
2	0	259	0	0	0	0	86	174	0	0	0	0
3	0	240	0	0	0	0	69	152	0	0	0	0
4	0	243	0	0	0	0	71	167	0	0	0	0
5	0	158	0	0	0	0	74	181	0	0	0	0
6	0	46	0	0	0	0	163	187	0	0	0	0
7	0	0	0	0	0	0	207	234	0	0	0	0
8	0	0	0	0	0	0	210	284	0	0	0	0
9	0	0	0	0	0	0	201	309	0	0	0	0
10	0	0	0	0	0	0	224	305	0	0	0	0
11	0	0	0	0	0	0	245	280	0	0	0	0
12	0	0	0	0	0	0	293	287	0	0	0	0
13	0	0	0	0	0	0	259	247	0	0	0	0
14	0	0	0	0	0	0	243	95	0	0	0	0
15	0	0	0	0	0	0	242	63	0	0	0	0
16	0	0	0	0	0	0	244	65	0	0	0	0
17	0	0	0	0	0	0	251	87	0	0	0	0
18	0	0	0	0	0	0	185	92	0	0	0	0
19	0	0	0	0	0	0	137	93	0	0	0	0
20	0	0	0	0	0	0	118	67	0	0	0	0
21	0	0	40	0	0	16	117	29	0	0	0	0
22	0	0	113	0	0	34	127	0	0	0	0	0
23	0	0	120	0	0	37	126	0	0	0	0	0
24	0	0	109	0	0	61	130	0	0	0	0	0
25	0	0	114	0	0	53	170	0	0	0	0	0
26	0	0	75	0	0	83	191	0	0	0	0	0
27	0	0	42	0	0	81	221	0	0	0	0	0
28	0	0	19	0	0	85	215	0	0	0	0	0
29	76	-	0	0	0	84	199	0	0	0	0	0
30	375	-	0	0	0	94	210	0	0	0	0	0
31	326	-	0	-	0	-	198	0	-	0	-	0
TOTAL	777	1,217	632	0	0	628	5,518	3,585	0	0	0	0
MAXIMUM DAY	375	271	120	0	0	94	293	309	0	0	0	0
MINIMUM DAY	0	0	0	0	0	0	69	0	0	0	0	0
MEAN	25	43	20	0	0	21	178	116	0	0	0	0
TOTAL AC. FT.	1,541	2,414	1,253	0	0	1,246	10,945	7,111	0	0	0	0
WHOLE YEAR:-	TOTAL,	12,357	MAX.,	375	MIN.,	0	MEAN,	34	TOTAL AC.FT.,	24,510		

DISCHARGE IN CUBIC FEET PER SECOND      Kern River Channel at Second Point of Measurement (Total Flow)      Year: 2007

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

DISCHARGE IN CUBIC FEET PER SECOND Year: 2007  
 Friant-Kern Inflow to Kern River Channel (Total Flow)

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	110	0	0	0	0	0	0	0	0	0	4
2	0	215	0	0	0	0	0	0	0	0	0	4
3	0	190	0	0	0	0	0	0	0	0	0	4
4	0	146	0	0	0	0	0	0	0	0	0	4
5	0	168	0	0	0	0	0	0	0	0	0	4
6	0	95	0	0	0	0	0	0	0	0	0	4
7	0	0	0	0	0	0	0	0	0	0	0	4
8	0	0	0	0	0	0	0	0	0	0	0	4
9	0	0	0	0	0	0	0	0	0	0	0	3
10	0	0	0	0	0	0	0	0	0	0	0	2
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	67	0	0	0	0	0	0	0	0	0	0	0
17	122	0	0	0	0	0	0	0	0	0	0	0
18	120	0	0	0	0	0	0	0	0	0	0	0
19	124	0	0	0	0	0	0	0	0	0	0	0
20	124	0	0	0	0	0	0	0	0	0	0	0
21	123	55	0	0	0	0	0	0	0	0	0	0
22	122	103	0	0	0	0	0	0	0	0	0	0
23	122	103	0	0	0	0	0	0	0	0	0	0
24	122	103	0	0	0	0	0	0	0	0	36	0
25	122	103	0	0	0	0	0	0	0	0	60	0
26	122	101	0	0	0	0	0	0	0	0	68	0
27	122	74	0	0	0	0	0	0	0	0	65	0
28	122	22	0	0	0	0	0	0	0	0	60	0
29	122	-	0	0	0	0	0	0	0	0	32	0
30	71	-	0	0	0	0	0	0	0	0	8	0
31	0	-	0	-	0	-	0	0	-	0	-	0
<b>TOTAL</b>	<b>1,727</b>	<b>1,588</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>329</b>	<b>37</b>
<b>MAXIMUM DAY</b>	<b>124</b>	<b>215</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>68</b>	<b>4</b>
<b>MINIMUM DAY</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>MEAN</b>	<b>56</b>	<b>57</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>11</b>	<b>1</b>
<b>TOTAL AC. FT.</b>	<b>3,426</b>	<b>3,150</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>652</b>	<b>74</b>
<b>WHOLE YEAR:-</b>	<b>TOTAL,</b>	<b>3,681</b>	<b>MAX.,</b>	<b>215</b>	<b>MIN.,</b>	<b>0</b>	<b>MEAN,</b>	<b>10</b>	<b>TOTAL AC.FT.,</b>	<b>7,302</b>		

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

Quantities in acre-feet

Year: 2007

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
Buena Vista W.S.D. Entitlement	0	0	5,236	5,661	10,441	2,211	0	0	0	0	0	0	23,549
Hacienda W.D. Entitlement	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>K.C.L. Entitlement @ 2nd Point</b>	<b>0</b>	<b>0</b>	<b>63</b>	<b>269</b>	<b>502</b>	<b>101</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>935</b>
Kern Island (1-st)	18,265	16,661	17,945	17,851	18,446	16,998	11,687	9,265	7,892	9,275	9,445	12,010	165,740
Eastside													
Kern River Conduit			10,967	11,025	16,614	4,166							42,772
Castro	173	256		2	42							20	493
KCC & W Co.	460	660		4	107							52	1,283
South Fork	288	476		4	79							38	885
Buena Vista (1-st)	665	2,190		28	601							202	3,686
James (1-st)	228	764		40	904							67	2,003
Anderson (1-st)	38	71		6	149								264
Stine	81	228		52	1,127								1,488
Meacham				12	224								236
Farmers				40	980								1,020
Plunket					190								190
Joyce					119								119
Johnson					56								56
Pioneer					10								10
Beardsley (1-st)													
Beardsley (1-st)													
Beardsley (NKWSD)													
Anderson (2-nd)													
James & Dixon													
Wilson													
KCC & W Co.													
McCaffrey													
McCord: Lerdo 30%													
Beardsley 70%													
Calloway: Central 20%													
NKWSD 80%													
Railroad: KCC & W Co. 20%													
NKWSD 80%													
Buena Vista (2-nd)													
James (2-nd)													
Pioneer (2-nd)													
Beardsley (3-rd)													
Kern Island (2-nd)													
Computed Loss	676	611	676	655	676	655	676	676	655	676	655	676	7,963
<b>Total 1st Point Group Entitlement</b>	<b>20,874</b>	<b>21,917</b>	<b>29,651</b>	<b>29,988</b>	<b>40,826</b>	<b>21,920</b>	<b>12,363</b>	<b>9,941</b>	<b>8,547</b>	<b>9,951</b>	<b>10,100</b>	<b>13,065</b>	<b>229,143</b>

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

Quantities in acre-feet

Year: 2007

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
<b>KERN RIVER FLOW AT FIRST POINT</b>	<b>22,500</b>	<b>21,884</b>	<b>27,223</b>	<b>26,087</b>	<b>35,177</b>	<b>47,996</b>	<b>56,138</b>	<b>34,818</b>	<b>15,517</b>	<b>11,373</b>	<b>8,450</b>	<b>10,887</b>	<b>318,050</b>
BEARDSLEY CANAL	5,094	9,725	8,652	8,604	12,058	20,822	23,576	11,165	7,249	5,697	3,015	4,984	120,641
CALLOWAY CANAL	1,813	1,448	2,178	2,196	1,188	0	0	0	0	0	0	598	9,421
KERN ISLAND CANAL	7,166	6,663	11,998	11,669	15,039	17,760	17,639	13,200	6,863	5,000	4,780	3,348	121,145
EASTSIDE CANAL	105	67	1,129	1,087	1,985	2,106	2,130	1,603	750	0	0	0	10,962
STINE CANAL	0	0	0	0	1,305	2,190	0	0	0	0	0	0	3,495
TRUXTUN LAKES	0	0	44	125	121	173	161	103	0	0	0	0	727
ARVIN-EDISON TURNOUT	0	0	0	0	0	0	0	300	0	0	0	0	300
BUENA VISTA CANAL	1,454	1,422	500	520	1,839	2,251	0	0	0	0	0	0	7,986
THE PARK AT RIVER WALK	26	0	57	258	127	163	95	20	0	0	0	0	746
ROSEDALE CHANNEL	0	0	0	0	0	0	0	0	0	0	0	0	0
PIONEER CANAL	0	0	0	0	0	0	0	0	0	0	0	0	0
BERRENDA MESA PIPELINE	1,144	0	0	0	0	0	0	0	0	0	0	0	1,144
PIONEER PROPERTY	811	0	0	0	0	0	0	0	0	0	0	0	811
NORTH LAKE TURNOUT	0	0	0	0	0	0	0	0	0	0	0	0	0
KERN WATER BANK VIA 2800 ACRES	0	0	0	0	0	0	0	0	0	0	0	0	0
KERN WATER BANK CANAL AT HEAD	0	0	0	0	0	0	0	0	0	0	0	0	0
2800 ACRE RECHARGE FACILITY	2,063	0	0	0	0	0	0	0	0	0	0	0	2,063
CARRIER CANAL LOSS/REFILL	10	244	145	467	660	630	916	640	0	0	0	0	3,712
RIVER LOSS & SPREADING	1,273	1,464	1,267	1,161	855	655	676	676	655	676	655	1,957	11,970
<b>FIRST POINT CANALS TOTAL FLOW</b>	<b>20,959</b>	<b>21,053</b>	<b>25,970</b>	<b>26,087</b>	<b>35,177</b>	<b>46,750</b>	<b>45,193</b>	<b>27,707</b>	<b>15,517</b>	<b>11,373</b>	<b>8,450</b>	<b>10,887</b>	<b>295,123</b>
<b>TOTAL FLOW AT SECOND POINT</b>	<b>1,541</b>	<b>831</b>	<b>1,253</b>	<b>0</b>	<b>0</b>	<b>1,246</b>	<b>10,945</b>	<b>7,111</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>22,927</b>
BUENA VISTA WSD	1,513	718	918	0	0	1,246	7,361	7,057	0	0	0	0	18,813
HACIENDA WATER DISTRICT	0	0	335	0	0	0	3,205	0	0	0	0	0	3,540
KERN DELTA WD	28	113	0	0	0	0	379	54	0	0	0	0	574

## 2007 Summary of Kern River Water Diversions by Entity

(Acre-Feet)

Area of Use Diverted

### Above First Point

California Water Service Co.	13,864
Kern Valley Golf Course	212
La Hacienda, Inc.	41
Lake Ming	790
Olcese WD	828
City of Bakersfield	508
Sub-total	16,243

### Below First Point

Arvin-Edison WSD	300
Buena Vista WSD	18,813
Cawelo WD	33,062
City of Bakersfield, Irrigation and Spreading	23,397
County of Kern (BVARA)	0
Improvement District #4	16,509
Kern County Water Agency	3,540
Kern Water Bank Authority	0
Kern Delta WD	144,162
North Kern WSD	70,296
Rosedale Ranch Improvement District	188
Rosedale-Rio Bravo WSD	7,783
Kern-Tulare WD	0
Rag Gulch WD	0
South Fork	0
Sub-total	318,050
Grand Total	334,293

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

Year: 2007

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	7,600	9,642	11,498	12,632	11,770	4,059	469	1,303	2,500	1,138	0	65,111
Buena Vista	1,500	1,799	1,777	1,245	910	0	0	0	0	1,250	1,450	1,488	11,419
Stine	1,492	1,603	1,583	1,575	1,323	109	0	0	0	0	0	12	7,697
Farmers	1,492	1,484	1,466	1,456	1,498	218	18	18	18	18	18	223	7,927
<b>KERN DELTA WD TOTAL</b>	<b>6,984</b>	<b>12,486</b>	<b>14,468</b>	<b>15,774</b>	<b>16,363</b>	<b>12,097</b>	<b>4,077</b>	<b>487</b>	<b>1,321</b>	<b>3,768</b>	<b>2,606</b>	<b>1,723</b>	<b>92,154</b>
City of Bakersfield	11,071	11,142	15,746	21,710	33,052	28,723	19,937	10,672	8,613	7,645	9,658	9,557	187,526
Kern River Canal & Irr. Co.	19,240	18,911	18,155	17,292	16,302	14,975	13,450	11,990	10,783	10,041	9,435	8,965	169,539
South Fork	600	818	818	820	870	870	870	870	870	1,245	600	600	9,851
Improvement District No. 4	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>CITY OF BAKERSFIELD TOTAL</b>	<b>30,911</b>	<b>30,871</b>	<b>34,719</b>	<b>39,822</b>	<b>50,224</b>	<b>44,568</b>	<b>34,257</b>	<b>23,532</b>	<b>20,266</b>	<b>18,931</b>	<b>19,693</b>	<b>19,122</b>	<b>366,916</b>
<b>NORTH KERN WSD</b>	<b>64,337</b>	<b>63,842</b>	<b>60,676</b>	<b>57,017</b>	<b>51,138</b>	<b>40,312</b>	<b>34,171</b>	<b>37,842</b>	<b>36,912</b>	<b>32,988</b>	<b>34,294</b>	<b>36,158</b>	<b>549,687</b>
<b>TOTAL 1ST POINT STORAGE</b>	<b>102,232</b>	<b>107,199</b>	<b>109,863</b>	<b>112,613</b>	<b>117,725</b>	<b>96,977</b>	<b>72,505</b>	<b>61,861</b>	<b>58,499</b>	<b>55,687</b>	<b>56,593</b>	<b>57,003</b>	<b>1,008,757</b>

# KERN DELTA WATER DISTRICT

**Kern Island Canal  
at Bear Mountain Blvd.**

# KERN DELTA WATER DISTRICT

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

Quantities in acre-feet

Year: 2007

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
Kern River Entitlement	19,011	19,079	17,945	17,971	21,154	16,998	11,687	9,265	7,892	9,275	9,445	12,212	171,934
Release	(10,341)	(5,580)	(3,173)	(3,258)	(1,924)	0	0	0	0	(1,090)	(5,834)	(9,752)	(40,952)
<b>Entitlement + or - Releases</b>	<b>8,670</b>	<b>13,499</b>	<b>14,772</b>	<b>14,713</b>	<b>19,230</b>	<b>16,998</b>	<b>11,687</b>	<b>9,265</b>	<b>7,892</b>	<b>8,185</b>	<b>3,611</b>	<b>2,460</b>	<b>130,982</b>
Into Isabella Storage	22	5,838	2,148	2,056	3,076	1,658	0	486	1,269	2,537	282	384	19,756
From Isabella Storage	0	286	0	520	2,088	5,532	7,655	4,005	415	0	1,352	1,245	23,098
From City of Bakersfield	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	160	160
To City of Bakersfield	0	0	0	0	0	0	0	0	0	0	0	135	135
Storage Transfer/Exch.	0	0	0	0	0	0	0	0	0	0	0	0	0
River and Carrier Canal Loss	0	244	0	0	0	0	0	0	0	0	0	0	244
Via North Kern WSD	0	0	0	0	0	0	0	0	0	0	0	0	0
Via Cawelo Water District	0	0	0	0	0	0	0	0	0	0	0	0	0
For Improvement District No.4	0	0	0	0	0	0	0	0	1,035	706	0	0	1,741
Other	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Diverted at Heads of Canals</b>	<b>8,648</b>	<b>7,703</b>	<b>12,624</b>	<b>13,177</b>	<b>18,242</b>	<b>20,872</b>	<b>19,342</b>	<b>12,784</b>	<b>6,003</b>	<b>4,942</b>	<b>4,681</b>	<b>3,346</b>	<b>132,364</b>
From North Kern WSD	0	0	0	0	0	0	0	0	0	0	0	0	0
From Cawelo Water District	0	0	0	0	0	0	0	0	0	0	0	0	0
From Improvement District No.4	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Total Utility Supply</b>	<b>8,648</b>	<b>7,703</b>	<b>12,624</b>	<b>13,177</b>	<b>18,242</b>	<b>20,872</b>	<b>19,342</b>	<b>12,784</b>	<b>6,003</b>	<b>4,942</b>	<b>4,681</b>	<b>3,346</b>	<b>132,364</b>
Utility Deliveries	5,563	5,205	8,744	8,955	12,181	14,041	14,589	8,665	3,608	1,948	2,949	3,133	89,581
Contract Deliveries	110	411	527	723	718	317	588	136	119	370	64	0	4,083
<b>Total Irrigation Deliveries</b>	<b>5,673</b>	<b>5,616</b>	<b>9,271</b>	<b>9,678</b>	<b>12,899</b>	<b>14,358</b>	<b>15,177</b>	<b>8,801</b>	<b>3,727</b>	<b>2,318</b>	<b>3,013</b>	<b>3,133</b>	<b>93,664</b>
Canal Conveyance Losses	2,975	2,087	3,353	3,499	5,343	6,514	4,165	3,983	2,276	2,624	1,668	213	38,700
Delivery Percentage	66%	73%	73%	73%	71%	69%	78%	69%	62%	47%	64%	94%	71%
Reservoir Evaporation Loss	38	50	166	230	399	392	365	71	20	90	92	22	1,935
<b>End of Month Reservoir Storage</b>	<b>6,984</b>	<b>12,486</b>	<b>14,468</b>	<b>15,774</b>	<b>16,363</b>	<b>12,097</b>	<b>4,077</b>	<b>487</b>	<b>1,321</b>	<b>3,768</b>	<b>2,606</b>	<b>1,723</b>	

DISCHARGE IN CUBIC FEET PER SECOND

Total Flow via the Kern Island Canal Headgate

Year: 2007

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	29	193	119	185	210	406	338	262	148	106	70	226
2	38	178	118	195	177	393	326	225	148	83	67	223
3	69	181	124	214	189	395	292	223	158	75	68	224
4	72	172	130	247	213	404	355	243	163	92	68	220
5	87	180	217	240	198	372	344	262	125	83	63	207
6	88	175	239	180	189	366	296	276	80	89	68	192
7	95	167	242	170	195	380	287	250	110	110	70	210
8	100	170	260	181	191	373	319	248	116	110	83	186
9	102	166	282	224	224	312	301	251	136	90	87	0
10	96	140	271	226	237	214	271	213	136	78	70	0
11	92	148	274	221	211	210	270	121	147	82	69	0
12	90	113	289	230	176	273	270	131	162	75	69	0
13	90	119	291	200	178	322	209	178	145	62	70	0
14	95	135	286	180	178	365	160	221	128	53	83	0
15	122	140	241	177	225	336	156	239	106	65	104	0
16	146	153	233	173	233	257	146	272	107	69	104	0
17	150	151	217	154	238	205	199	257	120	64	96	0
18	154	143	200	151	227	219	233	235	97	40	91	0
19	159	124	221	150	226	213	242	252	83	38	75	0
20	153	97	197	140	219	255	240	245	95	58	74	0
21	117	58	197	132	220	258	338	263	105	84	80	0
22	123	53	142	122	210	241	370	295	99	103	86	0
23	149	54	120	171	222	200	386	279	100	96	84	0
24	144	30	113	185	231	206	375	194	107	77	75	0
25	148	33	119	183	304	230	317	169	98	76	80	0
26	154	50	124	227	306	215	358	140	91	85	80	0
27	150	67	128	255	312	282	358	138	94	88	81	0
28	149	90	165	257	391	330	306	152	87	86	80	0
29	159	-	179	256	416	371	263	154	87	100	85	0
30	200	-	217	257	426	351	295	127	82	103	130	0
31	210	-	185	-	410	-	273	140	-	101	-	0
TOTAL	7,398	3,480	6,140	5,883	7,582	8,954	8,893	6,655	3,460	2,521	2,410	1,688
MAXIMUM DAY	210	193	291	257	426	406	386	295	163	110	130	226
MINIMUM DAY	29	30	113	122	176	200	146	121	80	38	63	0
MEAN	120	124	198	196	245	298	287	215	115	81	80	54
TOTAL AC. FT.	7,398	6,902	12,179	11,669	15,039	17,760	17,639	13,200	6,863	5,000	4,780	3,348
WHOLE YEAR:-	TOTAL,	61,396	MAX.,	426	MIN.,	0	MEAN,	168	TOTAL AC.FT.,	121,777		

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

Year: 2007

DISCHARGE IN CUBIC FEET PER SECOND

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	0	0	0	0	0	0	0	0	11	0	0
2	0	0	0	0	0	0	0	0	0	11	0	0
3	0	0	0	0	0	0	0	0	0	11	0	0
4	0	0	0	0	0	0	0	0	0	11	0	0
5	0	0	0	0	0	0	0	0	0	11	0	0
6	0	0	0	0	0	0	0	0	30	11	0	0
7	0	0	0	0	0	0	0	0	30	11	0	0
8	0	0	0	0	0	0	0	0	30	11	0	0
9	0	0	0	0	0	0	0	0	30	14	0	0
10	0	0	0	0	0	0	0	0	30	14	0	0
11	0	0	0	0	0	0	0	0	30	14	0	0
12	0	0	0	0	0	0	0	0	30	14	0	0
13	0	0	0	0	0	0	0	0	20	14	0	0
14	0	0	0	0	0	0	0	0	20	11	0	0
15	0	0	0	0	0	0	0	0	20	11	0	0
16	0	0	0	0	0	0	0	0	20	11	0	0
17	0	0	0	0	0	0	0	0	17	11	0	0
18	0	0	0	0	0	0	0	0	20	11	0	0
19	0	0	0	0	0	0	0	0	20	11	0	0
20	0	0	0	0	0	0	0	0	20	11	0	0
21	0	0	0	0	0	0	0	0	20	11	0	0
22	0	0	0	0	0	0	0	0	20	11	0	0
23	0	0	0	0	0	0	0	0	20	11	0	0
24	0	0	0	0	0	0	0	0	20	11	0	0
25	0	0	0	0	0	0	0	0	16	11	0	0
26	0	0	0	0	0	0	0	0	13	11	0	0
27	0	0	0	0	0	0	0	0	13	11	0	0
28	0	0	0	0	0	0	0	0	11	11	0	0
29	0	0	0	0	0	0	0	0	11	11	0	0
30	0	0	0	0	0	0	0	0	11	11	0	0
31	0	0	0	0	0	0	0	0	0	11	0	0
TOTAL	0	0	0	0	0	0	0	0	522	356	0	0
MAXIMUM DAY	0	0	0	0	0	0	0	0	30	14	0	0
MINIMUM DAY	0	0	0	0	0	0	0	0	0	11	0	0
MEAN	0	0	0	0	0	0	0	0	17	11	0	0
TOTAL AC. FT.	0	0	0	0	0	0	0	0	1,035	706	0	0
WHOLE YEAR:-	TOTAL,	878	MAX.,	30	MIN.,	0	MEAN,	2	TOTAL AC.FT.,	1,741		

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

Quantities in acre-feet

Year: 2007

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
River Entitlement	18,265	16,661	17,945	17,851	18,446	16,998	11,687	9,265	7,892	9,275	9,445	12,010	165,740
Release	-	11,057	5,104	3,673	1,365	0	0	0	0	2,352	6,070	9,960	42,757
<b>Entitlement + or - Releases</b>	<b>=</b>	<b>7,208</b>	<b>11,557</b>	<b>14,272</b>	<b>17,081</b>	<b>16,998</b>	<b>11,687</b>	<b>9,265</b>	<b>7,892</b>	<b>6,923</b>	<b>3,375</b>	<b>2,050</b>	<b>122,983</b>
Into Storage	14	5,126	2,148	2,018	2,018	1,658	0	486	1,269	1,275	46	109	16,167
From Storage	+	0	0	0	593	2,168	7,352	4,005	415	0	1,352	1,245	17,130
From North Kern WSD	+	0	0	0	0	0	0	0	0	0	0	160	160
From City of Bakersfield	+	0	0	0	0	0	0	0	0	0	0	0	0
River and Carrier Canal Loss	-	0	0	0	0	0	0	0	0	0	0	0	0
Other	+/-	0	0	0	0	0	0	0	0	0	0	0	0
Transfer in Storage	+/-	0	0	0	0	0	0	0	0	0	0	0	0
Eastside Canal Entitlement	-	0	0	998	1,892	1,922	1,604	813	0	0	0	0	8,043
To City of Bakersfield	-	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
Via North Kern WSD	-	0	0	0	0	0	0	0	0	0	0	0	0
For Improvement District No.4	-	0	0	0	0	0	0	0	1,035	706	0	0	1,741
<b>Diverted at Head of Canal</b>	<b>=</b>	<b>7,194</b>	<b>6,401</b>	<b>11,310</b>	<b>13,764</b>	<b>15,586</b>	<b>17,435</b>	<b>11,971</b>	<b>6,003</b>	<b>4,942</b>	<b>4,681</b>	<b>3,346</b>	<b>114,292</b>
From Cawelo Water District	+	0	0	0	0	0	0	0	0	0	0	0	0
From North Kern WSD	+	0	0	0	0	0	0	0	0	0	0	0	0
From Improvement District No.4	+	0	0	0	0	0	0	0	0	0	0	0	0
<b>Total Utility Supply</b>	<b>=</b>	<b>7,194</b>	<b>6,401</b>	<b>11,659</b>	<b>13,764</b>	<b>15,586</b>	<b>17,435</b>	<b>11,971</b>	<b>6,003</b>	<b>4,942</b>	<b>4,681</b>	<b>3,346</b>	<b>114,292</b>
Utility Deliveries	4,592	4,317	7,756	8,007	9,434	10,389	13,009	7,953	3,608	1,948	2,949	3,133	77,095
Contract Deliveries	110	411	477	612	631	317	588	136	119	370	64	0	3,835
<b>Total Irrigation Deliveries</b>	<b>-</b>	<b>4,702</b>	<b>4,728</b>	<b>8,619</b>	<b>10,065</b>	<b>10,706</b>	<b>13,597</b>	<b>8,089</b>	<b>3,727</b>	<b>2,318</b>	<b>3,013</b>	<b>3,133</b>	<b>80,930</b>
Canal Conveyance Losses	=	2,492	1,673	3,040	3,699	4,880	3,838	3,882	2,276	2,624	1,668	213	33,362
Delivery Percentage	65%	74%	73%	74%	73%	69%	78%	68%	62%	47%	64%	94%	71%
Into Reservoir Storage	14	5,126	2,148	2,018	2,018	1,658	0	486	1,269	1,275	46	109	16,167
Reservoir Evaporation Loss	14	26	106	162	291	352	359	71	20	78	56	2	1,537
From Reservoir Storage	0	0	0	0	593	2,168	7,352	4,005	415	0	1,352	1,245	17,130
<b>End of Month Reservoir Storage</b>	<b>2,500</b>	<b>7,500</b>	<b>9,642</b>	<b>11,498</b>	<b>12,632</b>	<b>11,770</b>	<b>4,059</b>	<b>469</b>	<b>1,303</b>	<b>2,500</b>	<b>1,138</b>	<b>0</b>	
State Exchange Diverted	0	515	565	10	323	232	228	1,283	860	58	99	2	4,175
State Exchange Delivered	0	515	565	10	323	232	228	997	860	58	99	2	3,889
Lower River Water Diverted	0	0	0	0	0	0	0	0	0	0	0	0	0
Lower River Water Delivered	0	0	0	0	0	0	0	0	0	0	0	0	0
Offfield Reclaimed Water Diverted	232	219	181	0	0	0	0	0	0	0	0	0	632

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

**BALFOUR - GUTHRIE CONTRACT**

Year: 2007

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

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

Maximum	18,446	16,661	18,424	17,851	18,446	17,851	18,446	18,446	17,851	18,446	17,851	18,446	217,165
Actual	18,265	16,661	17,945	17,851	18,446	16,998	11,687	9,265	7,892	9,275	9,445	12,010	165,740
Maximum Percentage	99.02%	100.00%	97.40%	100.00%	100.00%	95.22%	63.36%	50.23%	44.21%	50.28%	52.91%	65.11%	

**CONTRACT ENTITLEMENT:**

Maximum	269	242	269	260	269	260	269	269	260	269	260	--	2,896
Actual	266	242	262	260	269	248	170	135	115	135	138	--	2,240
Sum to Date	266	508	770	1,030	1,299	1,547	1,717	1,852	1,967	2,102	2,240	2,240	

**CONTRACT DIVERTED:**

For Month	54	147	249	273	332	73	282	0	0	49	14	0	1,473
To Date	54	201	450	723	1,055	1,128	1,410	1,410	1,410	1,459	1,473	1,473	

**UNUSED ENTITLEMENT:**

For Month	212	95	13	(13)	(63)	175	(112)	135	115	86	124	0	767
Sum to Date	212	307	320	307	244	419	307	442	557	643	767	767	

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

**BLOOMFIELD CONTRACT**

Year: 2007

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

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
<b>KERN ISLAND CANAL ENTITLEMENT:</b>													
Maximum	18,446	16,661	18,424	17,851	18,446	17,851	18,446	18,446	17,851	18,446	17,851	18,446	217,165
Actual	18,265	16,661	17,945	17,851	18,446	16,998	11,687	9,265	7,892	9,275	9,445	12,010	165,740
Maximum Percentage	99.02%	100.00%	97.40%	100.00%	100.00%	95.22%	63.36%	50.23%	44.21%	50.28%	52.91%	65.11%	
<b>CONTRACT ENTITLEMENT:</b>													
Maximum	336	303	336	325	336	325	336	336	325	336	325	--	3,619
Actual	333	303	327	325	336	309	213	169	144	169	172	--	2,800
Sum to Date	333	636	963	1,288	1,624	1,933	2,146	2,315	2,459	2,628	2,800	2,800	
<b>CONTRACT DIVERTED:</b>													
For Month	56	264	228	339	299	244	305	136	119	321	50	0	2,361
To Date	56	320	548	887	1,186	1,430	1,735	1,871	1,990	2,311	2,361	2,361	
<b>UNUSED ENTITLEMENT:</b>													
For Month	277	39	99	(14)	37	65	(92)	33	25	(152)	122	0	439
Sum to Date	277	316	415	401	438	503	411	444	469	317	439	439	

Year: 2007

Total Flow via the Eastside Canal Headgate

DISCHARGE IN CUBIC FEET PER SECOND

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	19	8	19	27	25	16	36	17	0	0	0
2	0	18	8	22	34	25	29	32	16	0	0	0
3	0	15	8	24	33	27	32	32	14	0	0	0
4	2	15	6	23	22	31	36	29	14	0	0	0
5	5	13	6	20	19	29	37	28	14	0	0	0
6	6	13	8	12	23	27	36	39	7	0	0	0
7	8	13	13	10	24	25	29	45	16	0	0	0
8	8	13	13	15	25	23	30	41	16	0	0	0
9	6	12	13	15	25	16	44	38	18	0	0	0
10	2	5	18	15	28	24	46	33	19	0	0	0
11	1	8	22	15	30	35	46	30	19	0	0	0
12	7	13	21	15	30	37	46	31	19	0	0	0
13	12	12	19	14	35	44	40	36	18	0	0	0
14	14	10	26	8	33	46	36	37	14	0	0	0
15	18	6	29	9	40	47	33	28	10	0	0	0
16	19	4	31	14	45	46	33	22	8	0	0	0
17	16	4	31	15	45	42	32	12	10	0	0	0
18	10	0	27	18	44	40	35	5	13	0	0	0
19	9	0	26	16	45	43	34	10	12	0	0	0
20	9	0	26	16	43	42	28	14	11	0	0	0
21	9	0	26	17	41	48	20	16	7	0	0	0
22	10	0	25	20	32	47	27	16	6	0	0	0
23	9	0	26	24	36	45	35	17	5	0	0	0
24	9	3	24	27	33	45	34	16	5	0	0	0
25	9	4	21	29	31	42	32	16	4	0	0	0
26	8	4	13	29	29	40	38	17	12	0	0	0
27	4	6	17	22	28	41	37	26	12	0	0	0
28	2	8	28	20	30	41	36	36	16	0	0	0
29	11	-	25	20	29	24	35	28	16	0	0	0
30	16	-	23	25	31	15	40	23	10	0	0	0
31	18	-	19	-	31	-	42	19	-	0	-	0
TOTAL	257	218	606	548	1,001	1,062	1,074	808	378	0	0	0
MAXIMUM DAY	19	19	31	29	45	48	46	45	19	0	0	0
MINIMUM DAY	0	0	6	8	19	15	16	5	4	0	0	0
MEAN	8	8	20	18	32	35	35	26	13	0	0	0
TOTAL AC. FT.	510	432	1,202	1,087	1,985	2,106	2,130	1,603	750	0	0	0
WHOLE YEAR:-	TOTAL,	5,952	MAX.,	48	MIN.,	0	MEAN,	16	TOTAL AC.FT.,	11,805		

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

Year: 2007

Quantities in acre-feet

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
Kern River Entitlement	0	0	814	998	1,892	1,922	1,604	813	0	0	0	0	8,043
State Exchange Diverted	105	67	315	89	93	184	526	790	750	0	0	0	2,919
City Miscellaneous Diverted	0	0	0	0	0	0	0	0	0	0	0	0	0
Lower River Water Diverted	0	0	0	0	0	0	0	0	0	0	0	0	0
Oilfield Reclaimed Water Diverted	405	365	73	0	0	0	0	0	0	0	0	0	843
<b>Eastside Canal at Head</b>	<b>510</b>	<b>432</b>	<b>1,202</b>	<b>1,087</b>	<b>1,985</b>	<b>2,106</b>	<b>2,130</b>	<b>1,603</b>	<b>750</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>11,805</b>

Utility Deliveries	0	0	617	688	1,516	1,677	1,283	712	0	0	0	0	6,493
Contract Deliveries	0	0	50	111	87	0	0	0	0	0	0	0	248
Subtotal Utility Deliveries	0	0	667	799	1,603	1,677	1,283	712	0	0	0	0	6,741
State Exchange Delivered	105	67	198	89	93	184	526	711	580	0	0	0	2,553
City Miscellaneous Delivered	0	0	0	0	0	0	0	0	0	0	0	0	0
Lower River Water Delivered	0	0	0	0	0	0	0	0	0	0	0	0	0
Oilfield Reclaimed Water Delivered	283	287	38	0	0	0	0	0	0	0	0	0	608
Subtotal State/Other Deliveries	388	354	236	89	93	184	526	711	580	0	0	0	3,161
<b>Total Irrigation Deliveries</b>	<b>388</b>	<b>354</b>	<b>903</b>	<b>888</b>	<b>1,696</b>	<b>1,861</b>	<b>1,809</b>	<b>1,423</b>	<b>580</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>9,902</b>

Canal Loss (Utility)	0	0	147	199	289	245	321	101	0	0	0	0	1,302
Canal Loss (State)	0	0	117	0	0	0	0	79	170	0	0	0	366
Canal Loss (Other)	122	78	35	0	0	0	0	0	0	0	0	0	235
<b>Total Canal Loss</b>	<b>122</b>	<b>78</b>	<b>299</b>	<b>199</b>	<b>289</b>	<b>245</b>	<b>321</b>	<b>180</b>	<b>170</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,903</b>
Delivery Percentage	76%	82%	75%	82%	85%	88%	85%	89%	77%	0%	0%	0%	84%

Year: 2007

Total Flow via the Buena Vista Canal Headgate

DISCHARGE IN CUBIC FEET PER SECOND

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	30	0	49	0	0	57	0	0	0	0	0	0
2	28	0	46	0	0	63	0	0	0	0	0	0
3	32	0	46	0	0	58	0	0	0	0	0	0
4	37	0	40	0	17	58	0	0	0	0	0	0
5	39	21	33	0	27	67	0	0	0	0	0	0
6	40	42	38	27	17	71	0	0	0	0	0	0
7	35	37	0	51	0	86	0	0	0	0	0	0
8	34	33	0	40	0	86	0	0	0	0	0	0
9	27	33	0	34	0	104	0	0	0	0	0	0
10	24	24	0	41	0	105	0	0	0	0	0	0
11	24	24	0	39	0	99	0	0	0	0	0	0
12	24	24	0	30	0	96	0	0	0	0	0	0
13	23	17	0	0	0	77	0	0	0	0	0	0
14	20	0	0	0	0	90	0	0	0	0	0	0
15	8	11	0	0	0	18	0	0	0	0	0	0
16	12	20	0	0	0	0	0	0	0	0	0	0
17	17	28	0	0	0	0	0	0	0	0	0	0
18	22	31	0	0	4	0	0	0	0	0	0	0
19	22	29	0	0	12	0	0	0	0	0	0	0
20	19	30	0	0	34	0	0	0	0	0	0	0
21	17	27	0	0	29	0	0	0	0	0	0	0
22	21	23	0	0	43	0	0	0	0	0	0	0
23	22	36	0	0	70	0	0	0	0	0	0	0
24	21	31	0	0	73	0	0	0	0	0	0	0
25	17	41	0	0	88	0	0	0	0	0	0	0
26	12	44	0	0	94	0	0	0	0	0	0	0
27	11	59	0	0	86	0	0	0	0	0	0	0
28	13	52	0	0	80	0	0	0	0	0	0	0
29	23	-	0	0	89	0	0	0	0	0	0	0
30	29	-	0	0	77	0	0	0	0	0	0	0
31	30	-	0	-	87	-	0	0	-	0	-	0
TOTAL	733	717	252	262	927	1,135	0	0	0	0	0	0
MAXIMUM DAY	40	59	49	51	94	105	0	0	0	0	0	0
MINIMUM DAY	8	0	0	0	0	0	0	0	0	0	0	0
MEAN	24	26	8	9	30	38	0	0	0	0	0	0
TOTAL AC. FT.	1,454	1,422	500	520	1,839	2,251	0	0	0	0	0	0
WHOLE YEAR:-	TOTAL,	4,026	MAX.,	105	MIN.,	0	MEAN,	11	TOTAL AC.FT.,	7,986		

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

Quantities in acre-feet

Year: 2007

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
Kern River Entitlement	665	2,190	0	28	601	0	0	0	0	0	0	202	3,686
Release	797	(367)	500	(18)	(41)	0	0	0	0	1,262	236	(11)	2,358
<b>Entitlement + or - Releases</b>	<b>1,462</b>	<b>1,823</b>	<b>500</b>	<b>10</b>	<b>560</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,262</b>	<b>236</b>	<b>191</b>	<b>6,044</b>
Into Storage	8	593	0	10	213	0	0	0	0	1,262	236	56	2,378
From Storage	0	286	0	520	518	904	0	0	0	0	0	0	2,228
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
To City of Bakersfield	0	0	0	0	0	0	0	0	0	0	0	135	135
Other	0	0	0	0	0	0	0	0	0	0	0	0	0
Transfer in Storage	0	0	0	0	0	0	0	0	0	0	0	0	0
Carrier Canal/River Loss	0	214	0	0	0	0	0	0	0	0	0	0	214
<b>Diverted at Head of Canal</b>	<b>1,454</b>	<b>1,302</b>	<b>500</b>	<b>520</b>	<b>865</b>	<b>904</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5,545</b>
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
<b>Total Utility Supply</b>	<b>1,454</b>	<b>1,302</b>	<b>500</b>	<b>520</b>	<b>865</b>	<b>904</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5,545</b>
Utility Deliveries	971	888	371	260	407	386	0	0	0	0	0	0	3,283
Contract Deliveries	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Total Irrigation Deliveries</b>	<b>971</b>	<b>888</b>	<b>371</b>	<b>260</b>	<b>407</b>	<b>386</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3,283</b>
Canal Conveyance Losses	483	414	129	260	458	518	0	0	0	0	0	0	2,262
Delivery Percentage	67%	68%	74%	50%	47%	43%	0%	0%	0%	0%	0%	0%	59%
<b>Into Reservoir Storage</b>	<b>8</b>	<b>593</b>	<b>0</b>	<b>10</b>	<b>213</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,262</b>	<b>236</b>	<b>56</b>	<b>2,378</b>
Reservoir Evaporation Loss	8	8	22	22	30	6	0	0	0	12	36	18	162
From Reservoir Storage	0	286	0	520	518	904	0	0	0	0	0	0	2,228
<b>End of Month Reservoir Storage</b>	<b>1,500</b>	<b>1,799</b>	<b>1,777</b>	<b>1,245</b>	<b>910</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,250</b>	<b>1,450</b>	<b>1,488</b>	
State Exchange Diverted	0	0	0	0	601	1,192	0	0	0	0	0	0	1,793
State Exchange Delivered	0	0	0	0	467	1,192	0	0	0	0	0	0	1,659
City of Bakersfield via Buena Vista	0	0	0	0	0	0	0	0	0	0	0	0	0

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

Year: 2007

Quantities in acre-feet

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
Buena Vista Canal at Headworks	1,454	1,422	500	520	1,839	2,251	0	0	0	0	0	0	7,986
Buena Vista Canal from Maples Canal	28	113	0	0	0	0	379	54	0	0	0	0	574
<b>TOTAL BUENA VISTA CANAL SUPPLY</b>	<b>1,482</b>	<b>1,535</b>	<b>500</b>	<b>520</b>	<b>1,839</b>	<b>2,251</b>	<b>379</b>	<b>54</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>8,560</b>

**Deliveries: Head to Section 17**

Buena Vista Utility	397	415	345	133	323	184	0	0	0	0	0	0	1,797
Buena Vista State Exchange	0	0	0	0	355	807	0	0	0	0	0	0	1,162
Stine Utility	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Sub-Total</b>	<b>397</b>	<b>415</b>	<b>345</b>	<b>133</b>	<b>678</b>	<b>991</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,959</b>

**Deliveries: At or Below Section 17**

Buena Vista Utility	574	473	26	127	84	202	0	0	0	0	0	0	1,486
Buena Vista State Exchange	0	0	0	0	112	385	0	0	0	0	0	0	497
Stine Utility	0	0	0	0	44	36	99	0	0	0	0	0	179
Stine State Exchange	0	0	0	0	102	57	0	0	0	0	0	0	159
Kern Island Utility	28	197	0	0	117	50	245	49	0	0	0	0	686
<b>Sub-Total</b>	<b>602</b>	<b>670</b>	<b>26</b>	<b>127</b>	<b>459</b>	<b>730</b>	<b>344</b>	<b>49</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3,007</b>

<b>TOTAL DELIVERED</b>	<b>999</b>	<b>1,085</b>	<b>371</b>	<b>260</b>	<b>1,137</b>	<b>1,721</b>	<b>344</b>	<b>49</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5,966</b>
Canal Conveyance Losses	483	450	129	260	702	530	35	5	0	0	0	0	2,594
Delivery Percentage	67%	71%	74%	50%	62%	76%	91%	91%	0%	0%	0%	0%	70%

**DISTRIBUTION:**

Buena Vista Utility	1,454	1,301	500	520	865	904	0	0	0	0	0	0	5,544
Buena Vista State Exchange	0	0	0	0	601	1,192	0	0	0	0	0	0	1,793
Stine Utility	0	0	0	0	107	40	105	0	0	0	0	0	252
Stine State Exchange	0	0	0	0	123	58	0	0	0	0	0	0	181
Kern Island Utility	28	234	0	0	143	57	274	54	0	0	0	0	790
<b>TOTAL</b>	<b>1,482</b>	<b>1,535</b>	<b>500</b>	<b>520</b>	<b>1,839</b>	<b>2,251</b>	<b>379</b>	<b>54</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>8,560</b>

Year: 2007

Total Flow via the Stine Canal Headgate

DISCHARGE IN CUBIC FEET PER SECOND

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	0	0	0	0	66	0	0	0	0	0	0
2	0	0	0	0	0	69	0	0	0	0	0	0
3	0	0	0	0	0	69	0	0	0	0	0	0
4	0	0	0	0	0	68	0	0	0	0	0	0
5	0	0	0	0	0	67	0	0	0	0	0	0
6	0	0	0	0	0	69	0	0	0	0	0	0
7	0	0	0	0	0	74	0	0	0	0	0	0
8	0	0	0	0	0	74	0	0	0	0	0	0
9	0	0	0	0	0	73	0	0	0	0	0	0
10	0	0	0	0	0	64	0	0	0	0	0	0
11	0	0	0	0	0	65	0	0	0	0	0	0
12	0	0	0	0	0	63	0	0	0	0	0	0
13	0	0	0	0	0	68	0	0	0	0	0	0
14	0	0	0	0	0	76	0	0	0	0	0	0
15	0	0	0	0	0	74	0	0	0	0	0	0
16	0	0	0	0	0	65	0	0	0	0	0	0
17	0	0	0	0	8	0	0	0	0	0	0	0
18	0	0	0	0	10	0	0	0	0	0	0	0
19	0	0	0	0	12	0	0	0	0	0	0	0
20	0	0	0	0	20	0	0	0	0	0	0	0
21	0	0	0	0	22	0	0	0	0	0	0	0
22	0	0	0	0	35	0	0	0	0	0	0	0
23	0	0	0	0	47	0	0	0	0	0	0	0
24	0	0	0	0	54	0	0	0	0	0	0	0
25	0	0	0	0	62	0	0	0	0	0	0	0
26	0	0	0	0	66	0	0	0	0	0	0	0
27	0	0	0	0	60	0	0	0	0	0	0	0
28	0	0	0	0	62	0	0	0	0	0	0	0
29	0	-	0	0	66	0	0	0	0	0	0	0
30	0	-	0	0	67	0	0	0	0	0	0	0
31	0	-	0	-	67	-	0	0	-	0	-	0
TOTAL	0	0	0	0	658	1,104	0	0	0	0	0	0
MAXIMUM DAY	0	0	0	0	67	76	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	21	37	0	0	0	0	0	0
TOTAL AC. FT.	0	0	0	0	1,305	2,190	0	0	0	0	0	0
WHOLE YEAR:-	TOTAL,	1,762	MAX.,	76	MIN.,	0	MEAN,	5	TOTAL AC.FT.,	3,495		



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

Year: **2007**

Quantities in acre-feet

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
River Entitlement	81	228	0	52	1,127	0	0	0	0	0	0	0	1,488
Release	(81)	(109)	0	(36)	(290)	0	0	0	0	0	0	12	(504)
<b>Entitlement + or - Releases</b>	<b>0</b>	<b>119</b>	<b>0</b>	<b>16</b>	<b>837</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>12</b>	<b>984</b>
Into Storage	0	119	0	16	450	0	0	0	0	0	0	12	597
From Storage	0	0	0	0	662	1,202	105	0	0	0	0	0	1,969
Via North Kern WSD	0	0	0	0	0	0	0	0	0	0	0	0	0
Via Cawelo Water District	0	0	0	0	0	0	0	0	0	0	0	0	0
Transfer in Storage	0	0	0	0	0	0	0	0	0	0	0	0	0
Carrier Canal Loss	0	0	0	0	0	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Diverted at Head of Canal</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,049</b>	<b>1,202</b>	<b>105</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,356</b>
From Cawelo Water District	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Total Utility Supply</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,049</b>	<b>1,202</b>	<b>105</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,356</b>
Utility Deliveries	0	0	0	0	390	627	99	0	0	0	0	0	1,116
Contract Deliveries	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Total Irrigation Deliveries</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>390</b>	<b>627</b>	<b>99</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,116</b>
Canal Conveyance Losses	0	0	0	0	659	575	6	0	0	0	0	0	1,240
Delivery Percentage	0%	0%	0%	0%	37%	52%	94%	0%	0%	0%	0%	0%	47%

Into Reservoir Storage	0	119	0	16	450	0	0	0	0	0	0	12	597
Reservoir Evaporation Loss	8	8	20	24	40	12	4	0	0	0	0	0	116
From Reservoir Storage	0	0	0	0	662	1,202	105	0	0	0	0	0	1,969
<b>End of Month Reservoir Storage</b>	<b>1,492</b>	<b>1,603</b>	<b>1,583</b>	<b>1,575</b>	<b>1,323</b>	<b>109</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>12</b>	

State Exchange Diverted	0	0	0	0	728	1,641	0	0	0	0	0	0	2,369
State Exchange Delivered (Irrigation)	0	0	0	0	396	982	0	0	0	0	0	0	1,378
State Exchange Delivered (Loss/Spreading)	0	0	0	0	332	659	0	0	0	0	0	0	991
Mandatory Release Water Diverted	0	0	0	0	0	0	0	0	0	0	0	0	0

# KERN DELTA WATER DISTRICT FARMERS CANAL SERVICE AREA

Year: 2007

Quantities in acre-feet

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
River Entitlement	0	0	0	40	980	0	0	0	0	0	0	0	1,020
Release	0	0	0	(28)	(228)	0	0	0	0	0	0	207	(49)
<b>Entitlement + or - Releases</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>12</b>	<b>752</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>207</b>	<b>971</b>
Into Storage	0	0	0	12	395	0	0	0	0	0	0	207	614
From Storage	0	0	0	0	315	1,258	198	0	0	0	0	0	1,771
Transfer in Storage	0	0	0	0	0	0	0	0	0	0	0	0	0
Carrier Canal Loss	0	0	0	0	0	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Diverted at Head of Canal</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>672</b>	<b>1,258</b>	<b>198</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,128</b>
Utility Deliveries	0	0	0	0	434	962	198	0	0	0	0	0	1,594
Contract Deliveries	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Total Irrigation Deliveries</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>434</b>	<b>962</b>	<b>198</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,594</b>
Canal Conveyance Losses	0	0	0	0	238	296	0	0	0	0	0	0	534
Delivery Percentage	0%	0%	0%	0%	65%	76%	100%	0%	0%	0%	0%	0%	75%

Into Reservoir Storage	0	0	0	12	395	0	0	0	0	0	0	207	614
Reservoir Evaporation Loss	8	8	18	22	38	22	2	0	0	0	0	2	120
From Reservoir Storage	0	0	0	0	315	1,258	198	0	0	0	0	0	1,771
<b>End of Month Reservoir Storage</b>	<b>1,492</b>	<b>1,484</b>	<b>1,466</b>	<b>1,456</b>	<b>1,498</b>	<b>218</b>	<b>18</b>	<b>18</b>	<b>18</b>	<b>18</b>	<b>18</b>	<b>18</b>	<b>223</b>

State Exchange Diverted	0	0	123	0	181	186	52	0	0	0	0	0	542
State Exchange Delivered (Irrigation)	0	0	114	0	89	141	52	0	0	0	0	0	396
State Exchange Delivered (Loss/Spreading)	0	0	9	0	92	45	0	0	0	0	0	0	146
Mandatory Release Water Diverted	0	0	0	0	0	0	0	0	0	0	0	0	0

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

Year: 2007

DISCHARGE IN CUBIC FEET PER SECOND

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	12	0	0	0	0	0	7	0	0	0	0
2	0	12	0	0	0	0	0	6	0	0	0	0
3	0	12	0	0	0	0	0	7	0	0	0	0
4	0	11	0	0	0	0	0	6	0	0	0	0
5	0	10	0	0	0	0	0	1	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	10	0	0	0	0	0
15	0	0	0	0	0	0	9	0	0	0	0	0
16	0	0	0	0	0	0	8	0	0	0	0	0
17	0	0	0	0	0	0	8	0	0	0	0	0
18	0	0	0	0	0	0	9	0	0	0	0	0
19	0	0	0	0	0	0	8	0	0	0	0	0
20	0	0	0	0	0	0	9	0	0	0	0	0
21	0	0	0	0	0	0	14	0	0	0	0	0
22	0	0	0	0	0	0	13	0	0	0	0	0
23	0	0	0	0	0	0	13	0	0	0	0	0
24	0	0	0	0	0	0	11	0	0	0	0	0
25	0	0	0	0	0	0	12	0	0	0	0	0
26	0	0	0	0	0	0	11	0	0	0	0	0
27	0	0	0	0	0	0	11	0	0	0	0	0
28	0	0	0	0	0	0	11	0	0	0	0	0
29	0	-	0	0	0	0	11	0	0	0	0	0
30	0	-	0	0	0	0	12	0	0	0	0	0
31	14	-	0	-	0	-	11	0	-	0	-	0
<b>TOTAL</b>	14	57	0	0	0	0	191	27	0	0	0	0
<b>MAXIMUM DAY</b>	14	12	0	0	0	0	14	7	0	0	0	0
<b>MINIMUM DAY</b>	0	0	0	0	0	0	0	0	0	0	0	0
<b>MEAN</b>	0	2	0	0	0	0	6	1	0	0	0	0
<b>TOTAL AC. FT.</b>	28	113	0	0	0	0	379	54	0	0	0	0
<b>WHOLE YEAR:-</b>	<b>TOTAL,</b>	<b>289</b>	<b>MAX.,</b>	<b>14</b>	<b>MIN.,</b>	<b>0</b>	<b>MEAN,</b>	<b>1</b>	<b>TOTAL AC.FT.,</b>	<b>574</b>		

Kern Delta Water District Diverted to Improvement District No. 4  
(Kern Delta WD State Exchange Water)

Year: 2007

DISCHARGE IN CUBIC FEET PER SECOND

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	0	0	0	0	0	0	0	0	29	34	0
2	0	0	0	0	0	0	0	0	0	29	32	0
3	0	0	0	0	0	0	0	0	0	27	35	0
4	0	0	0	0	0	0	0	0	0	21	34	0
5	0	0	0	0	0	0	0	0	0	23	36	0
6	0	0	0	0	0	0	0	0	0	22	34	0
7	0	0	0	0	0	0	0	0	0	20	32	0
8	0	0	0	0	0	0	0	0	0	21	35	0
9	0	0	0	0	0	0	0	0	0	22	34	0
10	0	0	0	0	0	0	0	0	0	18	33	0
11	0	0	0	0	0	0	0	0	0	23	29	0
12	0	0	0	0	0	0	0	0	0	26	10	0
13	0	0	0	0	0	0	0	0	0	25	0	0
14	0	0	0	0	0	0	0	0	0	30	0	0
15	0	0	0	0	0	0	0	0	0	16	0	0
16	0	0	0	0	0	0	0	0	0	15	0	0
17	0	0	0	0	0	0	0	0	0	20	0	0
18	0	0	0	0	0	0	0	0	0	28	0	0
19	0	0	0	0	0	0	0	0	0	21	0	0
20	0	0	0	0	0	0	0	0	0	19	0	0
21	0	0	0	0	0	0	0	0	0	19	0	0
22	0	0	0	0	0	0	0	0	0	13	0	0
23	0	0	0	0	0	0	0	0	0	25	0	0
24	0	0	0	0	0	0	0	0	13	25	0	0
25	0	0	0	0	0	0	0	0	25	31	0	0
26	0	0	0	0	0	0	0	0	28	22	0	0
27	0	0	0	0	0	0	0	0	23	23	0	0
28	0	0	0	0	0	0	0	0	34	20	0	0
29	0	-	0	0	0	0	0	0	35	18	0	0
30	0	-	0	0	0	0	0	0	35	17	0	0
31	0	-	0	-	0	-	0	0	-	22	-	0
TOTAL	0	0	0	0	0	0	0	0	193	690	378	0
MAXIMUM DAY	0	0	0	0	0	0	0	0	35	31	36	0
MINIMUM DAY	0	0	0	0	0	0	0	0	0	13	0	0
MEAN	0	0	0	0	0	0	0	0	6	22	13	0
TOTAL AC. FT.	0	0	0	0	0	0	0	0	383	1,368	749	0
WHOLE YEAR:-	TOTAL,	1,261	MAX.,	36	MIN.,	0	MEAN,	3	TOTAL AC.FT.,	2,500		

**KERN DELTA WATER DISTRICT**  
**State Aqueduct Exchange Diversion and Storage Recapitulation**

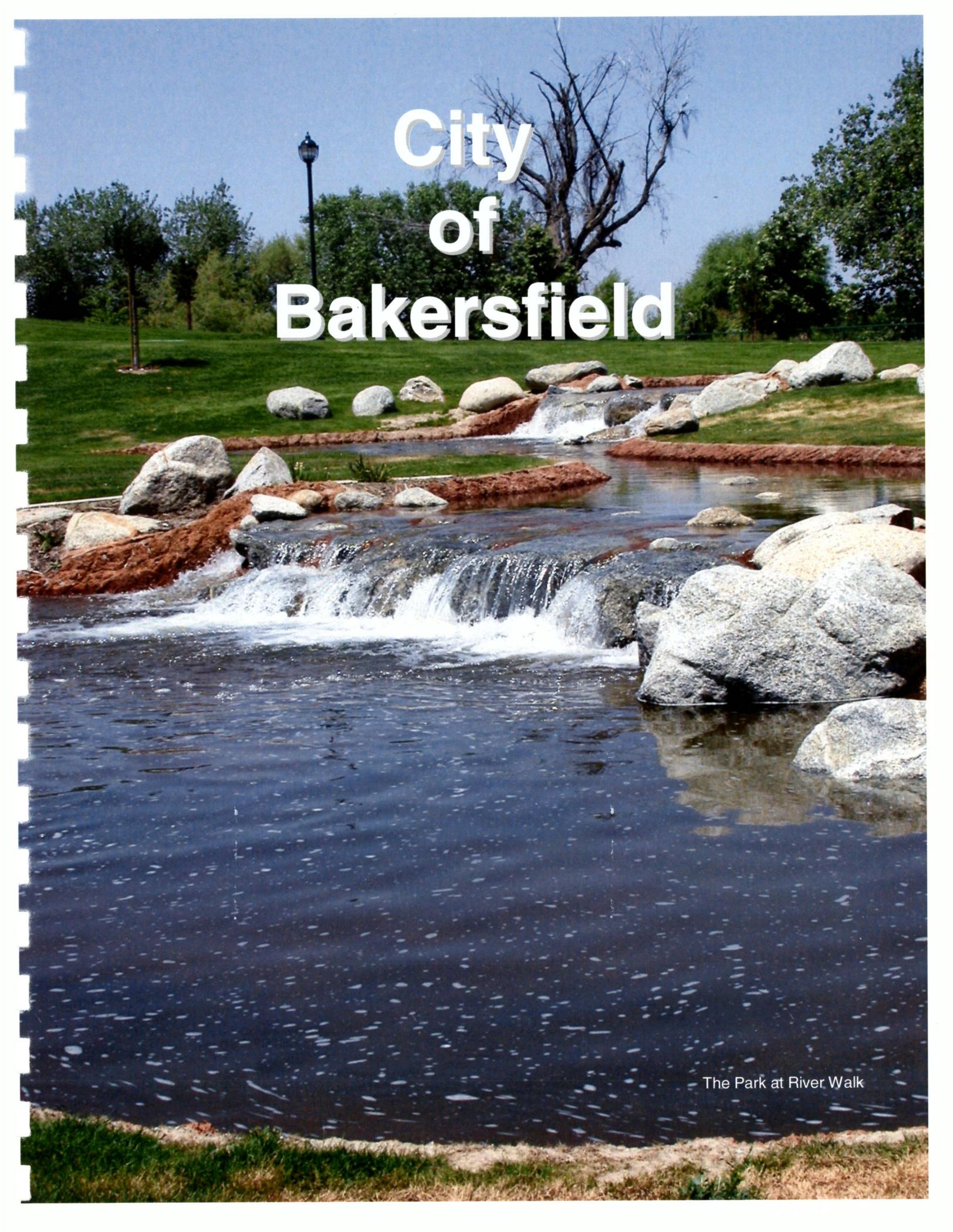
Quantities in acre-feet

Year: 2007

	Kern Island	Eastside	East of Kern Island		Buena Vista	Stine	Farmers	Pioneer Project	For ID4	Via A-EWSD	Carrier Loss	Reservoir Loss	Total	Storage
			Kern Island	Eastside										Balance
November	0	428	0	0	0	0	0	0	0	0	0	0	428	2,891
December	0	260	0	0	0	0	0	0	0	0	0	0	260	2,463
January	0	105	0	0	0	0	0	0	0	0	0	0	105	2,203
February	515	67	0	0	0	0	0	0	0	0	0	0	582	2,098
March	565	315	0	0	0	123	0	0	0	0	0	4	1,007	1,516
April	10	89	0	0	0	0	0	0	0	0	0	6	105	509
May	323	77	0	0	0	0	0	0	0	0	0	4	404	404
<b>Total</b>	<b>1,413</b>	<b>1,341</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>123</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>14</b>	<b>2,891</b>	<b>2,891</b>

<b>2006 Carry Over</b>															
<b>2007 Contract</b>															
May	0	16	0	0	601	728	181	0	0	0	0	0	0	1,526	15,424
June	232	184	0	0	1,192	1,641	186	0	0	0	0	0	0	3,435	13,898
July	228	526	0	0	0	0	52	0	0	0	0	0	0	806	10,463
August	1,283	790	0	0	0	0	0	0	0	0	0	0	0	2,073	9,657
September	860	750	0	0	0	0	0	383	0	0	0	0	0	1,993	7,584
October	58	0	0	0	0	0	0	1,368	0	0	0	0	0	1,426	5,591
<b>Total</b>	<b>2,661</b>	<b>2,266</b>	<b>0</b>	<b>0</b>	<b>1,793</b>	<b>2,369</b>	<b>419</b>	<b>0</b>	<b>1,751</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>11,259</b>	<b>4,165</b>	

<b>2007 Carry Over</b>															
November	99	0	0	0	0	0	0	0	749	0	0	0	0	848	3,317
December	2	0	0	0	0	0	0	0	0	0	0	0	0	2	3,315
<b>Total</b>	<b>101</b>	<b>0</b>	0	0	0	0	0	0	<b>749</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>850</b>	



# City of Bakersfield

The Park at River Walk

# KERN RIVER CHANNEL OPERATIONS CITY OF BAKERSFIELD

Quantities in acre-feet

Year: 2007

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
<b>+ Kern River at First Point of Measurement</b>	<b>22,500</b>	<b>21,884</b>	<b>27,223</b>	<b>26,087</b>	<b>35,177</b>	<b>47,996</b>	<b>56,138</b>	<b>34,818</b>	<b>15,517</b>	<b>11,373</b>	<b>8,450</b>	<b>10,887</b>	<b>318,050</b>
- Computed Loss	676	611	676	655	676	655	676	676	655	676	655	676	7,963
- Beardsley Canal at Head	5,094	9,725	8,652	8,604	12,058	20,822	23,576	11,165	7,249	5,697	3,015	4,984	120,641
- Carrier Canal at Head	13,501	9,330	15,126	15,221	22,443	26,519	31,886	22,977	7,613	5,000	4,780	3,348	177,744
<b>= Rocky Point Weir</b>	<b>3,229</b>	<b>2,218</b>	<b>2,769</b>	<b>1,607</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,879</b>	<b>11,702</b>
+ Carrier Waste Gate	0	0	0	0	0	0	0	0	0	0	0	0	0
+ Farmers-Stine-Anderson: to River	0	0	0	1,095	1,367	0	0	0	0	0	0	0	2,462
- Farmers-Stine-Anderson: from River	819	230	0	0	0	0	0	0	0	0	0	0	1,049
- Calloway Canal at Head	1,813	1,448	2,178	2,196	1,188	0	0	0	0	0	0	598	9,421
- River Loss: Rocky Point to Calloway Weir	597	540	591	506	179	0	0	0	0	0	0	1,281	3,694
<b>= Calloway River Weir</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	0	0	0	0	0	0	0	0	0
+ CVC T.O. #4 to River	1,648	0	0	0	0	0	0	0	0	0	0	0	1,648
+ Truxtun Lake to River	0	0	0	0	0	0	0	0	0	0	0	0	0
+ CVC T.O. #3 to River	3,082	0	0	0	0	0	0	0	0	0	0	0	3,082
+ Friant-Kern Inflow	3,426	3,150	0	0	0	0	0	0	0	0	652	74	7,302
- River Canal from River	3,541	1,583	0	0	0	0	0	0	0	0	0	0	5,124
- River Loss: Cally Weir to River Canal Weir	3,193	1,377	0	0	0	0	0	0	0	0	652	74	5,296
<b>= River Canal Weir</b>	<b>1,422</b>	<b>190</b>	<b>0</b>	<b>0</b>	<b>0</b>	0	0	0	0	0	0	0	<b>1,612</b>
+ Pioneer Turnout	7,585	688	371	258	127	163	95	20	0	0	0	0	9,307
- The Park at River Walk	327	375	371	258	127	163	95	20	0	0	0	0	1,736
+ CVC T.O. #2 to River	2,856	0	0	0	0	0	0	0	0	0	0	0	2,856
- Rosedale Channel at Head	0	0	0	0	0	0	0	0	0	0	0	0	0
- North Lake Turnout	0	0	0	0	0	0	0	0	0	0	0	0	0
- Pioneer Canal at Head	0	0	0	0	0	0	0	0	0	0	0	0	0
- Berrenda Mesa Pipeline Turnout	3,689	0	0	0	0	0	0	0	0	0	0	0	3,689
- River Loss: River Canal to Bellevue Weir	1,549	442	0	0	0	0	0	0	0	0	0	0	1,991
<b>= Flow at Bellevue Weir</b>	<b>6,298</b>	<b>61</b>	<b>0</b>	<b>0</b>	<b>0</b>	0	0	0	0	0	0	0	<b>6,359</b>
- River Loss: Bellevue Weir to ID#4 Boundary	308	61	0	0	0	0	0	0	0	0	0	0	369
- River Loss: ID#4 Boundary to 2800 Acres	308	0	0	0	0	0	0	0	0	0	0	0	308
+ CVC T.O. #1 to River	5,802	0	0	0	0	0	0	0	0	0	0	0	5,802
+ River Canal Turnout to 2800 Acres	0	0	0	0	0	0	0	0	0	0	0	0	0
- Pioneer Central from 2800 Acres	3,570	0	0	0	0	0	0	0	0	0	0	0	3,570
- Pioneer North from 2800 Acres	1,791	0	0	0	0	0	0	0	0	0	0	0	1,791
- Kern Water Bank from 2800 Acres	1,628	0	0	0	0	0	0	0	0	0	0	0	1,628
- Kern Water Bank Canal at Head	0	0	0	0	0	0	0	0	0	0	0	0	0
- River Loss: 2800 Acres to Second Point	0	0	0	0	0	0	0	0	0	0	0	0	0
- 2800 Acre Recharge Facility	4,495	0	0	0	0	0	0	0	0	0	0	0	4,495
<b>= Second Point via Kern River Channel</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	0	0	0	0	0	0	0	0	0

# CARRIER CANAL OPERATIONS CITY OF BAKERSFIELD

Year: 2007

Quantities in acre-feet

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
<b>+ Carrier Canal at Head</b>	<b>13,501</b>	<b>9,330</b>	<b>15,126</b>	<b>15,221</b>	<b>22,443</b>	<b>26,519</b>	<b>31,886</b>	<b>22,977</b>	<b>7,613</b>	<b>5,000</b>	<b>4,780</b>	<b>3,348</b>	<b>177,744</b>
- Carrier Waste Gate	0	0	0	0	0	0	0	0	0	0	0	0	0
+ Oilfield Discharge	1,248	1,322	1,121	0	0	0	0	0	0	0	0	0	3,691
- Canal Refill	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>= Carrier Reclamation Weir</b>	<b>14,749</b>	<b>10,652</b>	<b>16,247</b>	<b>15,221</b>	<b>22,443</b>	<b>26,519</b>	<b>31,886</b>	<b>22,977</b>	<b>7,613</b>	<b>5,000</b>	<b>4,780</b>	<b>3,348</b>	<b>181,435</b>
+ Storm Drain Inflow	12	42	0	0	0	0	0	0	0	0	0	0	54
- Eastside Canal at Head	510	432	1,202	1,087	1,985	2,106	2,130	1,603	750	0	0	0	11,805
- Kern Island Canal at Head	7,398	6,902	12,179	11,669	15,039	17,760	17,639	13,200	6,863	5,000	4,780	3,348	121,777
<b>= Levee No. 1</b>	<b>6,853</b>	<b>3,360</b>	<b>2,866</b>	<b>2,465</b>	<b>5,419</b>	<b>6,653</b>	<b>12,117</b>	<b>8,174</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>47,907</b>
- Farmers-Stine-Anderson: to River	0	0	0	1,095	1,367	0	0	0	0	0	0	0	2,462
+ Farmers-Stine-Anderson: from River	819	230	0	0	0	0	0	0	0	0	0	0	1,049
<b>= Carrier Canal at Oak Street</b>	<b>7,672</b>	<b>3,590</b>	<b>2,866</b>	<b>1,370</b>	<b>4,052</b>	<b>6,653</b>	<b>12,117</b>	<b>8,174</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>46,494</b>
- Stine Canal at Head	0	0	0	0	1,305	2,190	0	0	0	0	0	0	3,495
- Carrier to Truxtun Lakes	363	635	726	508	551	974	1,018	726	0	0	0	0	5,501
+ Truxtun Lakes to Carrier	363	506	589	383	430	801	857	623	0	0	0	0	4,552
- Arvin-Edison Turnout	0	0	0	0	0	0	0	300	0	0	0	0	300
- Total Carrier Canal Loss	633	520	605	467	660	630	916	640	0	0	0	0	5,071
+ River Canal from River	3,541	1,583	0	0	0	0	0	0	0	0	0	0	5,124
<b>= River Canal at Stockdale Highway</b>	<b>10,580</b>	<b>4,524</b>	<b>2,124</b>	<b>778</b>	<b>1,966</b>	<b>3,660</b>	<b>11,040</b>	<b>7,131</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>41,803</b>
- Buena Vista Canal at Head	1,454	1,422	500	520	1,839	2,251	0	0	0	0	0	0	7,986
- Pioneer Turnout	7,585	688	371	258	127	163	95	20	0	0	0	0	9,307
- James Canal at Head	0	0	0	0	0	0	0	0	0	0	0	0	0
+ Pioneer Well Water Production	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>= River Canal at Alternate Second Point</b>	<b>1,541</b>	<b>2,414</b>	<b>1,253</b>	<b>0</b>	<b>0</b>	<b>1,246</b>	<b>10,945</b>	<b>7,111</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>24,510</b>
+ City-Olcese Well Water Production	0	0	199	2,008	2,089	1,922	2,388	2,136	2,132	2,243	2,144	1,373	18,634
+ Berrenda Mesa Well Water Production	0	0	546	1,697	1,642	1,478	1,476	1,394	469	146	0	0	8,848
+ ID4 Well Water Production	0	0	0	0	895	952	1,004	895	918	315	933	567	6,479
+ Pioneer Well Water Production	0	0	1,348	3,045	3,088	2,862	2,909	2,849	2,802	2,858	2,881	1,796	26,438
+ KWB Well Water Production	0	0	1,081	2,954	2,876	2,743	2,707	2,544	2,525	2,575	2,445	2,087	24,537
- Kern Delta WD via River Canal	28	113	0	0	0	0	379	54	0	0	0	0	574
- KCWA via River Canal	0	0	3,310	7,696	8,501	8,035	11,301	7,682	6,714	6,797	8,403	5,823	74,262
- City of Bakersfield for Buena Vista WSD	0	0	0	0	0	0	0	0	0	0	0	0	0
- County of Kern	0	0	0	0	0	0	0	742	2,132	1,340	0	0	4,214
<b>= Second Point Group Flow via River Canal</b>	<b>1,513</b>	<b>2,301</b>	<b>1,117</b>	<b>2,008</b>	<b>2,089</b>	<b>3,168</b>	<b>9,749</b>	<b>8,451</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>30,396</b>

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

Year: 2007

Quantities in acre-feet

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
River Entitlement	1,230	916	10,967	11,031	16,763	4,166	0	0	0	0	0	72	45,145
Release	0	81	714	669	602	0	0	0	0	715	1,190	920	4,891
<b>ENTITLEMENT + OR - RELEASES</b>	<b>1,230</b>	<b>997</b>	<b>11,681</b>	<b>11,700</b>	<b>17,365</b>	<b>4,166</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>715</b>	<b>1,190</b>	<b>992</b>	<b>50,036</b>
NKWS to City	7,156	278	0	0	0	0	0	0	0	0	0	0	7,434
From Reservoir Storage	33	24	135	0	0	5,456	7,804	8,612	1,663	653	10	230	24,620
Into Reservoir Storage	0	153	4,912	6,248	11,995	2,011	0	0	0	0	2,268	250	27,837
Other	0	0	0	0	0	0	0	0	0	0	2,261	139	2,400
<b>TOTAL SUPPLY</b>	<b>8,419</b>	<b>1,146</b>	<b>6,904</b>	<b>5,452</b>	<b>5,370</b>	<b>7,611</b>	<b>7,804</b>	<b>8,612</b>	<b>1,663</b>	<b>1,368</b>	<b>1,193</b>	<b>1,111</b>	<b>56,653</b>

County of Kern (Above First Point)	28	32	71	91	121	178	203	200	139	101	70	46	1,280
Kern Valley Golf Course	0	2	6	22	26	34	35	38	25	18	6	0	212
California Water Service Company	813	747	907	1,101	1,259	1,314	1,459	1,546	1,387	1,198	1,092	1,041	13,864
Oicese Water District	20	13	49	61	107	120	134	122	103	52	27	20	828
North Kern WSD (Basic Contract)	0	0	0	1,408	2,950	5,000	5,000	5,642	0	0	0	0	20,000
North Kern WSD (Miscellaneous)	0	0	0	0	0	0	0	0	0	0	0	0	0
North Kern WSD (Borrow/Payback)	0	0	157	0	0	0	0	0	0	0	0	0	157
Cawelo WD (Basic Contract)	0	0	2,700	938	0	0	0	0	0	0	0	0	3,638
Cawelo WD (Miscellaneous)	0	0	0	0	0	0	0	0	0	0	0	0	0
Kern-Tulare WD (Basic Contract)	0	0	2,408	852	0	0	0	0	0	0	0	0	3,260
Kern-Tulare WD (Miscellaneous)	0	0	0	0	0	0	0	0	0	0	0	0	0
Rag Gulch WD (Basic Contract)	0	0	361	128	0	0	0	0	0	0	0	0	489
Rag Gulch WD (Miscellaneous)	0	0	0	0	0	0	0	0	0	0	0	0	0
Rosedale RBWSD (Basic Contract)	7,470	313	0	0	0	0	0	0	0	0	0	0	7,783
Rosedale RBWSD (Miscellaneous)	0	0	0	0	0	0	0	0	0	0	0	0	0
Rosedale Ranch ID	0	0	0	0	0	0	0	0	0	0	0	0	0
Kern River Canal & Irrigating Company	0	28	0	0	0	0	0	0	0	0	0	0	28
Anvin-Edison WSD	0	0	0	0	0	0	0	300	0	0	0	0	300
Truxtun Lake	0	0	44	125	121	173	161	103	0	0	0	0	727
The Park at River Walk	0	0	57	258	127	163	95	20	0	0	0	0	720
North Lake	0	0	0	0	0	0	0	0	0	0	0	0	0
Glen Grundeis	0	0	0	0	0	0	0	0	0	0	0	0	0
Michael Harvick	0	0	0	0	0	0	0	0	0	0	0	0	0
Joy Cordova	0	0	0	0	0	0	0	0	0	0	0	0	0
Guinn Construction	6	0	0	0	0	0	0	0	8	0	0	0	14
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	82	11	144	468	659	629	717	641	1	(1)	(2)	0	3,349
<b>TOTAL DIVERTED</b>	<b>8,419</b>	<b>1,146</b>	<b>6,904</b>	<b>5,452</b>	<b>5,370</b>	<b>7,611</b>	<b>7,804</b>	<b>8,612</b>	<b>1,663</b>	<b>1,368</b>	<b>1,193</b>	<b>1,111</b>	<b>56,653</b>

Into Reservoir Storage	0	153	4,912	6,248	11,995	2,011	0	0	0	0	2,268	250	27,937
Reservoir Evaporation Loss	61	58	173	284	653	884	982	653	396	315	245	121	4,825
From Reservoir Storage	33	24	135	0	0	5,456	7,804	8,612	1,663	653	10	230	24,620
<b>End of Month Reservoir Storage</b>	<b>11,071</b>	<b>11,142</b>	<b>15,746</b>	<b>21,710</b>	<b>33,052</b>	<b>28,723</b>	<b>19,937</b>	<b>10,672</b>	<b>8,613</b>	<b>7,645</b>	<b>9,658</b>	<b>9,557</b>	

# CITY OF BAKERSFIELD

## STATUS OF LONG TERM CONTRACTS

Quantities in acre-feet

Year	Basic Contract Amount		Cumulative Contract Delivered		Cumulative Contract Delivery		Basic Contract Balance	
	20,000	20,000	20,000	20,000	20,000	20,000	0	0
1977	20,000	20,000	20,000	20,000	20,000	20,000	0	0
1978	20,000	40,000	20,000	40,000	40,000	40,000	0	0
1979	20,000	60,000	20,000	60,000	60,000	60,000	0	0
1980	20,000	80,000	20,000	80,000	80,000	80,000	0	0
1981	20,000	100,000	20,000	100,000	100,000	100,000	0	0
1982	20,000	120,000	20,000	120,000	120,000	120,000	0	0
1983	20,000	140,000	20,000	140,000	140,000	140,000	0	0
1984	20,000	160,000	20,000	160,000	160,000	160,000	0	0
1985	20,000	180,000	20,000	180,000	180,000	180,000	0	0
1986	20,000	200,000	20,000	200,000	200,000	200,000	0	0
1987	20,000	220,000	20,000	220,000	220,000	220,000	0	0
1988	20,000	240,000	20,000	240,000	240,000	240,000	0	0
1989	20,000	260,000	20,000	260,000	260,000	260,000	0	0
1990	20,000	280,000	20,000	280,000	280,000	280,000	0	0
1991	20,000	300,000	20,000	300,000	300,000	300,000	0	0
1992	20,000	320,000	20,000	320,000	320,000	320,000	0	0
1993	20,000	340,000	20,000	340,000	340,000	340,000	0	0
1994	20,000	360,000	20,000	360,000	360,000	360,000	0	0
1995	20,000	380,000	20,000	380,000	380,000	380,000	0	0
1996	20,000	400,000	20,000	400,000	400,000	400,000	0	0
1997	20,000	420,000	20,000	420,000	420,000	420,000	0	0
1998	20,000	440,000	20,000	440,000	440,000	440,000	0	0
1999	20,000	460,000	20,000	460,000	460,000	460,000	0	0
2000	20,000	480,000	20,000	480,000	480,000	480,000	0	0
2001	20,000	500,000	20,000	500,000	500,000	500,000	0	0
2002	20,000	520,000	20,000	520,000	520,000	520,000	0	0
2003	20,000	540,000	20,000	540,000	540,000	540,000	0	0
2004	20,000	560,000	20,000	560,000	560,000	560,000	0	0
2005	20,000	580,000	20,000	580,000	580,000	580,000	0	0
2006	20,000	600,000	20,000	600,000	600,000	600,000	0	0
2007	20,000	620,000	20,000	620,000	620,000	620,000	0	0

Year	Basic Contract Amount		Cumulative Contract Delivered		Cumulative Contract Delivery		Basic Contract Balance	
	27,000	27,000	27,000	27,000	27,000	27,000	5,024	5,024
1977	27,000	27,000	27,000	27,000	27,000	27,000	5,024	5,024
1978	27,000	54,000	27,000	54,000	54,000	54,000	35,404	40,428
1979	27,000	81,000	27,000	81,000	81,000	81,000	36,780	77,208
1980	27,000	108,000	27,000	108,000	108,000	108,000	30,782	0
1981	27,000	135,000	27,000	135,000	135,000	135,000	0	0
1982	27,000	162,000	27,000	162,000	162,000	162,000	0	0
1983	27,000	189,000	27,000	189,000	189,000	189,000	0	0
1984	27,000	216,000	27,000	216,000	216,000	216,000	0	0
1985	27,000	243,000	27,000	243,000	243,000	243,000	0	0
1986	27,000	270,000	27,000	270,000	270,000	270,000	0	0
1987	27,000	297,000	27,000	297,000	297,000	297,000	0	0
1988	27,000	324,000	27,000	324,000	324,000	324,000	0	0
1989	27,000	351,000	27,000	351,000	351,000	351,000	0	0
1990	27,000	378,000	27,000	378,000	378,000	378,000	0	0
1991	27,000	405,000	27,000	405,000	405,000	405,000	0	0
1992	27,000	432,000	27,000	432,000	432,000	432,000	0	0
1993	27,000	459,000	27,000	459,000	459,000	459,000	0	0
1994	27,000	486,000	27,000	486,000	486,000	486,000	0	0
1995	27,000	513,000	27,000	513,000	513,000	513,000	0	0
1996	27,000	540,000	27,000	540,000	540,000	540,000	0	0
1997	27,000	567,000	27,000	567,000	567,000	567,000	0	0
1998	27,000	594,000	27,000	594,000	594,000	594,000	0	0
1999	27,000	621,000	27,000	621,000	621,000	621,000	0	0
2000	27,000	648,000	27,000	648,000	648,000	648,000	0	0
2001	27,000	675,000	27,000	675,000	675,000	675,000	0	0
2002	27,000	702,000	27,000	702,000	702,000	702,000	0	0
2003	27,000	729,000	27,000	729,000	729,000	729,000	0	0
2004	27,000	756,000	27,000	756,000	756,000	756,000	0	0
2005	27,000	783,000	27,000	783,000	783,000	783,000	0	0
2006	27,000	810,000	27,000	810,000	810,000	810,000	0	0
2007	27,000	837,000	27,000	837,000	837,000	837,000	0	0

Year	Basic Contract Amount		Cumulative Contract Delivered		Cumulative Contract Delivery		Basic Contract Balance	
	3,000	3,000	3,000	3,000	3,000	3,000	449	449
1977	3,000	3,000	3,000	3,000	3,000	3,000	449	449
1978	3,000	6,000	3,000	6,000	6,000	6,000	3,999	2,001
1979	3,000	9,000	3,000	9,000	9,000	9,000	7,549	1,451
1980	3,000	12,000	3,000	12,000	12,000	12,000	3,550	901
1981	3,000	15,000	3,000	15,000	15,000	15,000	3,550	351
1982	3,000	18,000	3,000	18,000	18,000	18,000	3,351	0
1983	3,000	21,000	3,000	21,000	21,000	21,000	600	2,400
1984	3,000	24,000	3,000	24,000	24,000	24,000	3,000	2,400
1985	3,000	27,000	3,000	27,000	27,000	27,000	3,000	2,400
1986	3,000	30,000	3,000	30,000	30,000	30,000	3,000	2,400
1987	3,000	33,000	3,000	33,000	33,000	33,000	3,000	2,400
1988	3,000	36,000	3,000	36,000	36,000	36,000	1,764	3,636
1989	3,000	39,000	3,000	39,000	39,000	39,000	2,495	4,141
1990	3,000	42,000	3,000	42,000	42,000	42,000	0	7,141
1991	3,000	45,000	3,000	45,000	45,000	45,000	3,000	37,859
1992	3,000	48,000	3,000	48,000	48,000	48,000	1,363	39,222
1993	3,000	51,000	3,000	51,000	51,000	51,000	4,394	43,616
1994	3,000	54,000	3,000	54,000	54,000	54,000	2,753	46,369
1995	3,000	57,000	3,000	57,000	57,000	57,000	4,983	51,362
1996	3,000	60,000	3,000	60,000	60,000	60,000	3,550	54,912
1997	3,000	63,000	3,000	63,000	63,000	63,000	3,550	58,462
1998	3,000	66,000	3,000	66,000	66,000	66,000	3,550	62,012
1999	3,000	69,000	3,000	69,000	69,000	69,000	3,550	65,562
2000	3,000	72,000	3,000	72,000	72,000	72,000	3,000	68,562
2001	3,000	75,000	3,000	75,000	75,000	75,000	1,740	70,302
2002	3,000	78,000	3,000	78,000	78,000	78,000	1,299	71,601
2003	3,000	81,000	3,000	81,000	81,000	81,000	3,000	74,601
2004	3,000	84,000	3,000	84,000	84,000	84,000	1,862	76,463
2005	3,000	87,000	3,000	87,000	87,000	87,000	3,550	80,013
2006	3,000	90,000	3,000	90,000	90,000	90,000	3,295	83,308
2007	3,000	93,000	3,000	93,000	93,000	93,000	489	83,797

Year	Basic Contract Amount		Cumulative Contract Delivered		Cumulative Contract Delivery		Basic Contract Balance	
	3,000	3,000	3,000	3,000	3,000	3,000	449	449
1977	3,000	3,000	3,000	3,000	3,000	3,000	449	449
1978	3,000	6,000	3,000	6,000	6,000	6,000	3,999	2,001
1979	3,000	9,000	3,000	9,000	9,000	9,000	7,549	1,451
1980	3,000	12,000	3,000	12,000	12,000	12,000	3,550	901
1981	3,000	15,000	3,000	15,000	15,000	15,000	3,550	351
1982	3,000	18,000	3,000	18,000	18,000	18,000	3,351	0
1983	3,000	21,000	3,000	21,000	21,000	21,000	600	2,400
1984	3,000	24,000	3,000	24,000	24,000	24,000	3,000	2,400
1985	3,000	27,000	3,000	27,000	27,000	27,000	3,000	2,400
1986	3,000	30,000	3,000	30,000	30,000	30,000	3,000	2,400
1987	3,000	33,000	3,000	33,000	33,000	33,000	3,000	2,400
1988	3,000	36,000	3,000	36,000	36,000	36,000	1,764	3,636
1989	3,000	39,000	3,000	39,000	39,000	39,000	2,495	4,141
1990	3,000	42,000	3,000	42,000	42,000	42,000	0	7,141
1991	3,000	45,000	3,000	45,000	45,000	45,000	3,000	37,859
1992	3,000	48,000	3,000	48,000	48,000	48,000	1,363	39,222
1993	3,000	51,000	3,000	51,000	51,000	51,000	4,394	43,616
1994	3,000	54,000	3,000	54,000	54,000	54,000	2,753	46,369
1995	3,000	57,000	3,000	57,000	57,000	57,000	4,983	51,362
1996	3,000	60,000	3,000	60,000	60,000	60,000	3,550	54,912
1997	3,000	63,000	3,000	63,000	63,000	63,000	3,550	58,462
1998	3,000	66,000	3,000	66,000	66,000	66,000	3,550	62,012
1999	3,000	69,000	3,000	69,000	69,000	69,000	3,550	65,562
2000	3,000	72,000	3,000	72,000	72,000	72,000	3,000	68,562
2001	3,000	75,000	3,000	75,000	75,000	75,000	1,740	70,302

**CITY OF BAKERSFIELD**  
Deliveries to Long Term Contractors

Basic Contract

Year: 2007

Quantities in acre-feet

	NORTH KERN WSD		CAWELO WD		KERN-TULARE WD		RAG GULCH WD		MONTH TOTALS	
	Basic	Accum.	Basic	Accum.	Basic	Accum.	Basic	Accum.	Basic	Accum.
January	0	0	0	0	0	0	0	0	0	0
February	0	0	0	0	0	0	0	0	0	0
March	0	0	2,700	2,700	2,408	2,408	361	361	5,469	5,469
April	1,408	1,408	938	3,638	852	3,260	128	489	3,326	8,795
May	2,950	4,358	1,169	4,807	0	3,260	0	489	4,119	12,914
June	5,000	9,358	1,276	6,083	0	3,260	0	489	6,276	19,190
July	5,000	14,358	1,331	7,414	0	3,260	0	489	6,331	25,521
August	5,642	20,000	1,210	8,624	0	3,260	0	489	6,852	32,373
September	0	20,000	1,234	9,858	0	3,260	0	489	1,234	33,607
October	0	20,000	1,61	9,919	0	3,260	0	489	61	33,668
November	0	20,000	0	9,919	0	3,260	0	489	0	33,668
December	0	20,000	0	9,919	0	3,260	0	489	0	33,668
<b>Year Total</b>	<b>20,000</b>		<b>9,919</b>		<b>3,260</b>		<b>489</b>		<b>33,668</b>	

Note: 1) Reflects water delivered as per terms of City of Bakersfield/Cawelo Water District letter agreement dated March 16, 2007.

Year: 2007

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

DISCHARGE IN CUBIC FEET PER SECOND

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	120	0	0	0	0	0	0	0
5	0	0	0	0	13	0	0	0	0	0	0	0
6	0	0	0	0	19	0	0	0	0	0	0	0
7	0	0	0	0	124	0	0	0	0	0	0	0
8	0	0	0	0	139	0	0	0	0	0	0	0
9	0	0	0	0	142	0	0	0	0	0	0	0
10	0	0	0	0	126	0	0	0	0	0	0	0
11	0	0	0	0	77	0	0	0	0	0	0	0
12	0	0	0	0	20	0	0	0	0	0	0	0
13	0	0	0	0	45	0	0	0	0	0	0	0
14	0	0	0	17	74	0	0	0	0	0	0	0
15	0	0	0	20	111	0	0	0	0	0	0	0
16	0	0	0	35	111	0	0	0	0	0	0	0
17	0	0	0	0	118	0	0	0	0	0	0	0
18	0	0	0	0	84	0	0	0	0	0	0	0
19	0	0	0	19	1	0	0	0	0	0	0	0
20	0	0	0	28	61	0	0	0	0	0	0	0
21	0	0	0	41	102	0	0	0	0	0	0	0
22	0	0	0	41	0	0	0	0	0	0	0	0
23	0	0	0	36	0	0	0	0	0	0	0	0
24	0	0	0	31	0	0	0	0	0	0	0	0
25	0	0	0	42	0	0	0	0	0	0	0	0
26	0	0	0	56	0	0	0	0	0	0	0	0
27	0	0	0	55	0	0	0	0	0	0	0	0
28	0	0	0	48	0	0	0	0	0	0	0	0
29	0	-	0	114	0	0	0	0	0	0	0	0
30	0	-	0	127	0	0	0	0	0	0	0	0
31	0	-	0	-	0	-	0	0	-	0	-	0
TOTAL	0	0	0	710	1,487	0	0	0	0	0	0	0
MAXIMUM DAY	0	0	0	127	142	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	24	48	0	0	0	0	0	0	0
TOTAL AC. FT.	0	0	0	1,408	2,950	0	0	0	0	0	0	0
WHOLE YEAR:-	TOTAL,	2,197	MAX.,	142	MIN.,	0	MEAN,	6	TOTAL AC.FT.,	4,358		

**CAWELO WATER DISTRICT OPERATIONS**

Quantities in acre-feet

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
<b>+ Cawelo WD via Pump Station "B"</b>	<b>1,527</b>	<b>1,208</b>	<b>2,636</b>	<b>2,180</b>	<b>5,554</b>	<b>8,489</b>	<b>8,741</b>	<b>5,747</b>	<b>1,634</b>	<b>634</b>	<b>0</b>	<b>591</b>	<b>38,941</b>
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	65	184	177	12	0	0	50	56	0	544
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	36	97	43	0	83	36	14	58	155	0	0	522
Lerdo Delivery Gate No. 8-0-25	10	8	54	18	67	89	54	67	30	22	160	34	613
Lerdo Delivery Gate No. 8-0-100	0	0	6	12	12	6	4	12	6	0	0	0	58
Lerdo Delivery Gate No. 8-0-288	0	0	0	0	0	0	0	0	0	0	0	0	0
Lerdo Delivery Gate No. 8-0-289	0	0	0	0	0	0	0	0	0	0	0	0	0
Lerdo Delivery Gate No. 8-0-290	0	30	56	99	151	184	206	111	60	54	30	0	981
Lerdo Delivery Gate No. 8-0-291	0	49	95	125	196	405	444	198	90	152	60	0	1,814
Lerdo Delivery Gate No. 8-0-292	6	4	10	18	24	24	26	26	12	16	0	0	166
Lerdo Delivery Pump Station "D"	30	0	0	0	0	6	0	532	180	0	0	0	748
<b>+ Total Lerdo Turnout Deliveries</b>	<b>46</b>	<b>127</b>	<b>318</b>	<b>380</b>	<b>634</b>	<b>974</b>	<b>782</b>	<b>960</b>	<b>436</b>	<b>449</b>	<b>306</b>	<b>34</b>	<b>5,446</b>
Beardsley Canal Loss	30	42	61	60	61	60	61	61	60	38	10	18	562
Lerdo Loss	12	18	32	28	66	103	101	75	26	10	0	6	477
<b>+ Total Loss</b>	<b>42</b>	<b>60</b>	<b>93</b>	<b>88</b>	<b>127</b>	<b>163</b>	<b>162</b>	<b>136</b>	<b>86</b>	<b>48</b>	<b>10</b>	<b>24</b>	<b>1,039</b>
Via North Kern WSD	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>= Total Diverted for Cawelo WD</b>	<b>1,615</b>	<b>1,395</b>	<b>3,047</b>	<b>2,648</b>	<b>6,315</b>	<b>9,626</b>	<b>9,685</b>	<b>6,843</b>	<b>2,156</b>	<b>1,131</b>	<b>316</b>	<b>649</b>	<b>45,426</b>

**Cawelo Water District Source of Supply:**

City of Bakersfield Basic Contract	0	0	2,700	938	0	0	0	0	0	0	0	0	3,638
City of Bakersfield Miscellaneous	0	0	0	0	0	0	0	0	0	0	0	0	0
City of Bakersfield Non-Kern River	0	0	0	0	0	0	0	0	0	0	0	0	0
Rosedale-Rio Bravo WSD Exchange	0	0	0	0	0	0	0	0	0	0	0	0	0
Kern River Canal & Irrigating Company	0	0	0	0	0	0	0	0	0	0	0	0	0
Sunview Vineyards Well	0	0	0	48	167	48	137	69	137	50	216	34	563
Paramount Farming Company Well	0	0	0	0	0	60	4,403	0	0	0	60	0	463
Buena Vista WSD State Exchange	0	1,395	347	1,662	1,767	5,426	4,046	0	0	0	0	0	15,000
North Kern WSD Exchange	0	0	0	0	0	0	0	0	0	357	0	0	357
North Kern WSD Purchase	0	0	0	0	0	0	0	0	0	171	40	615	826
Hacienda WD (KCWA) Exchange	0	0	0	0	0	0	4,046	6,623	2,019	553	0	0	13,241
via CVC Conduit "A"	1,615	0	0	0	4,381	4,092	1,099	151	0	0	0	0	11,338
North Kern WSD Non-Kern River	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>= Total Cawelo Water District Supply</b>	<b>1,615</b>	<b>1,395</b>	<b>3,047</b>	<b>2,648</b>	<b>6,315</b>	<b>9,626</b>	<b>9,685</b>	<b>6,843</b>	<b>2,156</b>	<b>1,131</b>	<b>316</b>	<b>649</b>	<b>45,426</b>

DISCHARGE IN CUBIC FEET PER SECOND Cawelo Water District Total Diverted via Beardsley-Lerdo Canal System Year: 2007

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	0	3	45	91	185	173	119	75	9	3	0
2	0	55	3	40	85	188	165	120	77	10	3	0
3	0	40	2	49	86	179	167	119	88	10	3	0
4	0	39	4	60	86	187	170	98	86	10	3	0
5	0	45	11	61	80	179	169	99	33	10	3	0
6	0	46	57	61	79	109	165	146	29	0	3	0
7	0	45	54	39	98	121	184	146	36	0	3	37
8	0	48	49	39	81	157	184	142	21	0	3	37
9	0	48	79	40	81	131	175	120	20	0	3	38
10	0	39	121	39	78	120	178	94	25	36	3	37
11	0	39	119	39	81	143	169	85	21	50	3	0
12	0	40	120	40	81	204	145	83	26	49	13	0
13	0	39	79	39	81	200	150	140	25	50	8	0
14	0	18	41	40	81	150	146	154	75	18	16	0
15	0	0	12	39	80	158	123	142	74	17	10	0
16	0	0	11	42	79	135	132	101	81	17	10	0
17	61	0	6	85	83	135	175	95	74	56	7	0
18	112	0	6	72	139	111	176	85	44	51	8	18
19	82	0	114	30	138	162	164	83	22	47	8	37
20	64	0	113	27	119	174	171	105	20	26	6	38
21	64	19	77	18	129	175	125	93	24	11	4	37
22	64	21	40	17	147	175	110	99	19	15	4	31
23	64	21	49	18	153	163	162	109	19	15	4	3
24	40	19	52	22	149	176	114	156	23	19	4	3
25	22	19	43	24	140	174	131	139	23	22	4	3
26	22	20	40	26	97	169	126	107	2	12	4	3
27	22	22	39	29	96	178	164	120	5	2	4	3
28	22	21	39	85	109	171	186	81	9	2	4	2
29	44	-	40	79	101	163	176	97	6	2	4	0
30	65	-	57	91	129	161	169	96	5	2	4	0
31	66	-	56	-	127	-	139	77	-	2	-	0
TOTAL	814	703	1,536	1,335	3,184	4,853	4,883	3,450	1,087	570	159	327
MAXIMUM DAY	112	55	121	91	153	204	186	156	88	56	16	38
MINIMUM DAY	0	0	2	17	78	109	110	77	2	0	3	0
MEAN	26	25	50	45	103	162	158	111	36	18	5	11
TOTAL AC. FT.	1,615	1,395	3,047	2,648	6,315	9,626	9,685	6,843	2,156	1,131	316	649
WHOLE YEAR:-	TOTAL,	22,901	MAX.,	204	MIN.,	0	MEAN,	63	TOTAL AC.FT.,	45,426		

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

Year: 2007

DISCHARGE IN CUBIC FEET PER SECOND

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	0	3	45	0	0	0	0	0	0	0	0
2	0	0	3	40	0	0	0	0	0	0	0	0
3	0	0	2	49	0	0	0	0	0	0	0	0
4	0	0	4	60	0	0	0	0	0	0	0	0
5	0	0	11	61	0	0	0	0	0	0	0	0
6	0	0	57	61	0	0	0	0	0	0	0	0
7	0	0	54	39	0	0	0	0	0	0	0	0
8	0	0	49	39	0	0	0	0	0	0	0	0
9	0	0	79	40	0	0	0	0	0	0	0	0
10	0	0	121	39	0	0	0	0	0	0	0	0
11	0	0	119	0	0	0	0	0	0	0	0	0
12	0	0	120	0	0	0	0	0	0	0	0	0
13	0	0	79	0	0	0	0	0	0	0	0	0
14	0	0	41	0	0	0	0	0	0	0	0	0
15	0	0	12	0	0	0	0	0	0	0	0	0
16	0	0	11	0	0	0	0	0	0	0	0	0
17	0	0	6	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	114	0	0	0	0	0	0	0	0	0
20	0	0	113	0	0	0	0	0	0	0	0	0
21	0	0	77	0	0	0	0	0	0	0	0	0
22	0	0	40	0	0	0	0	0	0	0	0	0
23	0	0	49	0	0	0	0	0	0	0	0	0
24	0	0	52	0	0	0	0	0	0	0	0	0
25	0	0	43	0	0	0	0	0	0	0	0	0
26	0	0	40	0	0	0	0	0	0	0	0	0
27	0	0	39	0	0	0	0	0	0	0	0	0
28	0	0	17	0	0	0	0	0	0	0	0	0
29	0	-	0	0	0	0	0	0	0	0	0	0
30	0	-	0	0	0	0	0	0	0	0	0	0
31	0	-	0	-	0	-	0	0	-	0	-	0
TOTAL	0	0	1,361	473	0	0	0	0	0	0	0	0
MAXIMUM DAY	0	0	121	61	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	44	16	0	0	0	0	0	0	0	0
TOTAL AC. FT.	0	0	2,700	938	0	0	0	0	0	0	0	0
WHOLE YEAR:-	TOTAL,	1,834	MAX.,	121	MIN.,	0	MEAN,	5	TOTAL AC.FT.,	3,638		

**DISCHARGE IN CUBIC FEET PER SECOND**      **City of Bakersfield Diverted for Cawelo Water District**      **Year: 2007**  
(Pursuant to terms of City/CWD Letter Agreement dated March 16, 2007)

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	0	0	0	0	23	22	22	16	21	0	0
2	0	0	0	0	0	23	22	22	16	10	0	0
3	0	0	0	0	0	23	22	22	16	0	0	0
4	0	0	0	0	0	23	22	21	19	0	0	0
5	0	0	0	0	14	23	20	21	21	0	0	0
6	0	0	0	0	19	23	19	22	21	0	0	0
7	0	0	0	0	22	23	22	22	21	0	0	0
8	0	0	0	0	24	23	22	21	21	0	0	0
9	0	0	0	0	24	23	22	22	21	0	0	0
10	0	0	0	0	24	22	22	20	21	0	0	0
11	0	0	0	0	24	22	22	20	21	0	0	0
12	0	0	0	0	24	22	22	21	22	0	0	0
13	0	0	0	0	24	20	22	21	21	0	0	0
14	0	0	0	0	24	18	22	22	22	0	0	0
15	0	0	0	0	24	17	22	22	21	0	0	0
16	0	0	0	0	24	17	21	22	22	0	0	0
17	0	0	0	0	15	17	22	21	21	0	0	0
18	0	0	0	0	16	17	22	22	22	0	0	0
19	0	0	0	0	22	20	22	21	21	0	0	0
20	0	0	0	0	23	22	21	19	21	0	0	0
21	0	0	0	0	23	23	22	13	22	0	0	0
22	0	0	0	0	23	23	22	12	21	0	0	0
23	0	0	0	0	17	22	22	17	22	0	0	0
24	0	0	0	0	18	22	21	21	21	0	0	0
25	0	0	0	0	23	22	22	21	22	0	0	0
26	0	0	0	0	23	22	21	21	21	0	0	0
27	0	0	0	0	23	22	22	21	22	0	0	0
28	0	0	0	0	23	22	22	17	22	0	0	0
29	0	-	0	0	23	22	21	10	21	0	0	0
30	0	-	0	0	23	22	22	14	22	0	0	0
31	0	-	0	-	23	-	21	17	-	0	-	0
<b>TOTAL</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>589</b>	<b>643</b>	<b>671</b>	<b>610</b>	<b>622</b>	<b>31</b>	<b>0</b>	<b>0</b>
<b>MAXIMUM DAY</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>24</b>	<b>23</b>	<b>22</b>	<b>22</b>	<b>22</b>	<b>21</b>	<b>0</b>	<b>0</b>
<b>MINIMUM DAY</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>17</b>	<b>19</b>	<b>10</b>	<b>16</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>MEAN</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>19</b>	<b>21</b>	<b>22</b>	<b>20</b>	<b>21</b>	<b>1</b>	<b>0</b>	<b>0</b>
<b>TOTAL AC. FT.</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,169</b>	<b>1,276</b>	<b>1,331</b>	<b>1,210</b>	<b>1,234</b>	<b>61</b>	<b>0</b>	<b>0</b>
<b>WHOLE YEAR:-</b>	<b>TOTAL,</b>	<b>3,166</b>	<b>MAX.,</b>	<b>24</b>	<b>MIN.,</b>	<b>0</b>	<b>MEAN,</b>	<b>9</b>	<b>TOTAL AC.FT.,</b>	<b>6,281</b>	<b>0</b>	<b>0</b>

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

Year: 2007

DISCHARGE IN CUBIC FEET PER SECOND

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	0	0	0	88	110	150	0	0	0	0	0
2	0	55	0	0	82	51	142	0	0	0	0	0
3	0	40	0	0	83	8	141	0	0	0	0	0
4	0	39	0	0	83	16	144	0	0	0	0	0
5	0	45	0	0	77	8	143	0	0	0	0	0
6	0	46	0	0	76	12	139	0	0	0	0	0
7	0	45	0	0	44	24	158	0	0	0	0	0
8	0	48	0	0	6	60	158	0	0	0	0	0
9	0	48	0	0	6	37	149	0	0	0	0	0
10	0	39	0	0	3	26	152	0	0	0	0	0
11	0	39	0	39	9	49	146	0	0	0	0	0
12	0	40	0	40	9	39	120	0	0	0	0	0
13	0	39	0	39	6	32	125	0	0	0	0	0
14	0	18	0	40	6	53	121	0	0	0	0	0
15	0	0	0	39	5	135	101	0	0	0	0	0
16	0	0	0	39	4	112	111	0	0	0	0	0
17	0	0	0	85	4	112	20	0	0	0	0	0
18	0	0	0	72	24	90	0	0	0	0	0	0
19	0	0	0	30	23	143	0	0	0	0	0	0
20	0	0	0	24	4	148	0	0	0	0	0	0
21	0	19	0	18	14	149	0	0	0	0	0	0
22	0	21	0	17	17	149	0	0	0	0	0	0
23	0	21	0	18	15	157	0	0	0	0	0	0
24	0	19	0	22	11	150	0	0	0	0	0	0
25	0	19	0	21	5	148	0	0	0	0	0	0
26	0	20	0	23	0	143	0	0	0	0	0	0
27	0	22	0	26	21	152	0	0	0	0	0	0
28	0	21	22	82	34	145	0	0	0	0	0	0
29	0	-	40	76	26	140	0	0	0	0	0	0
30	0	-	57	88	54	138	0	0	0	0	0	0
31	0	-	56	-	52	-	0	0	-	0	-	0
<b>TOTAL</b>	0	703	175	838	891	2,736	2,220	0	0	0	0	0
<b>MAXIMUM DAY</b>	0	55	57	88	88	157	158	0	0	0	0	0
<b>MINIMUM DAY</b>	0	0	0	0	0	8	0	0	0	0	0	0
<b>MEAN</b>	0	25	6	28	29	91	72	0	0	0	0	0
<b>TOTAL AC. FT.</b>	0	1,395	347	1,662	1,767	5,426	4,403	0	0	0	0	0
<b>WHOLE YEAR:-</b>	<b>TOTAL,</b>	<b>7,563</b>	<b>MAX.,</b>	<b>158</b>	<b>MIN.,</b>	<b>0</b>	<b>MEAN,</b>	<b>21</b>	<b>TOTAL AC.FT.,</b>	<b>15,000</b>		

Year: 2007

Hacienda Water District Diverted via Cawelo Water District

DISCHARGE IN CUBIC FEET PER SECOND

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	0	0	0	0	0	0	97	72	9	0	0
2	0	0	0	0	0	0	0	98	74	10	0	0
3	0	0	0	0	0	0	0	97	85	10	0	0
4	0	0	0	0	0	0	0	88	83	10	0	0
5	0	0	0	0	0	0	0	96	30	10	0	0
6	0	0	0	0	0	0	0	143	26	0	0	0
7	0	0	0	0	0	0	0	143	33	0	0	0
8	0	0	0	0	0	0	0	139	18	0	0	0
9	0	0	0	0	0	0	0	120	17	0	0	0
10	0	0	0	0	0	0	0	94	22	28	0	0
11	0	0	0	0	0	0	0	82	18	33	0	0
12	0	0	0	0	0	0	12	80	23	32	0	0
13	0	0	0	0	0	0	22	137	22	33	0	0
14	0	0	0	0	0	0	22	154	72	0	0	0
15	0	0	0	0	0	0	22	142	71	0	0	0
16	0	0	0	0	0	0	21	101	78	0	0	0
17	0	0	0	0	0	0	152	95	71	38	0	0
18	0	0	0	0	0	0	173	82	41	33	0	0
19	0	0	0	0	0	0	146	80	19	29	0	0
20	0	0	0	0	0	0	145	102	18	4	0	0
21	0	0	0	0	0	0	99	93	22	0	0	0
22	0	0	0	0	0	0	84	99	17	0	0	0
23	0	0	0	0	0	0	139	106	17	0	0	0
24	0	0	0	0	0	0	88	154	21	0	0	0
25	0	0	0	0	0	0	105	139	21	0	0	0
26	0	0	0	0	0	0	100	107	2	0	0	0
27	0	0	0	0	0	0	141	120	5	0	0	0
28	0	0	0	0	0	0	163	81	9	0	0	0
29	0	-	0	0	0	0	150	97	6	0	0	0
30	0	-	0	0	0	0	143	96	5	0	0	0
31	0	-	0	-	0	-	113	77	-	0	-	0
TOTAL	0	0	0	0	0	0	2,040	3,339	1,018	279	0	0
MAXIMUM DAY	0	0	0	0	0	0	173	154	85	38	0	0
MINIMUM DAY	0	0	0	0	0	0	0	77	2	0	0	0
MEAN	0	0	0	0	0	0	66	108	34	9	0	0
TOTAL AC. FT.	0	0	0	0	0	0	4,046	6,623	2,019	553	0	0
WHOLE YEAR:-	TOTAL,	6,676	MAX.,	173	MIN.,	0	MEAN,	18	TOTAL AC.FT.,	13,241		

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

Year: 2007

Quantities in acre-feet

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
+ <b>Total Basic Contract Diverted</b>	0	0	2,769	980	0	0	0	0	0	0	0	0	3,749
Kern-Tulare Water District	0	0	2,408	852	0	0	0	0	0	0	0	0	3,260
Rag Gulch Water District	0	0	361	128	0	0	0	0	0	0	0	0	489
+ <b>Total Misc. Quantity Diverted</b>	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
= <b>Total Diverted</b>	0	0	2,769	980	0	0	0	0	0	0	0	0	3,749

+ via Calloway Canal	0	0	2,178	772	0	0	0	0	0	0	0	0	2,950
+ River Transportation Loss/Spreading	0	0	591	208	0	0	0	0	0	0	0	0	799
+ Carrier Canal Recharge	0	0	0	0	0	0	0	0	0	0	0	0	0
+ via Berrenda Mesa Pipeline Turnout	0	0	0	0	0	0	0	0	0	0	0	0	0
+ via Cawelo Water District	0	0	0	0	0	0	0	0	0	0	0	0	0
+ via North Kern Water Storage District	0	0	0	0	0	0	0	0	0	0	0	0	0
+ Isabella Reservoir Evaporation Loss	0	0	0	0	0	0	0	0	0	0	0	0	0
= <b>Total Diverted to I.D. #4</b>	0	0	2,769	980	0	0	0	0	0	0	0	0	3,749
- Kern-Tulare Water District	0	0	2,408	852	0	0	0	0	0	0	0	0	3,260
= Rag Gulch Water District	0	0	361	128	0	0	0	0	0	0	0	0	489

+ 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
= <b>Total Diverted to Arvin-Edison T.O.</b>	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

= <b>Via North Kern Water Storage District</b>	0	0	0	0	0	0	0	0	0	0	0	0	0
- Kern-Tulare Water District	0	0	0	0	0	0	0	0	0	0	0	0	0
= Rag Gulch Water District	0	0	0	0	0	0	0	0	0	0	0	0	0



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

DISCHARGE IN CUBIC FEET PER SECOND

Year: 2007

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	0	6	8	0	0	0	0	0	0	0	0
2	0	0	4	6	0	0	0	0	0	0	0	0
3	0	0	4	6	0	0	0	0	0	0	0	0
4	0	0	6	6	0	0	0	0	0	0	0	0
5	0	0	6	6	0	0	0	0	0	0	0	0
6	0	0	5	6	0	0	0	0	0	0	0	0
7	0	0	5	6	0	0	0	0	0	0	0	0
8	0	0	5	7	0	0	0	0	0	0	0	0
9	0	0	6	8	0	0	0	0	0	0	0	0
10	0	0	6	6	0	0	0	0	0	0	0	0
11	0	0	6	0	0	0	0	0	0	0	0	0
12	0	0	6	0	0	0	0	0	0	0	0	0
13	0	0	7	0	0	0	0	0	0	0	0	0
14	0	0	6	0	0	0	0	0	0	0	0	0
15	0	0	7	0	0	0	0	0	0	0	0	0
16	0	0	7	0	0	0	0	0	0	0	0	0
17	0	0	7	0	0	0	0	0	0	0	0	0
18	0	0	8	0	0	0	0	0	0	0	0	0
19	0	0	7	0	0	0	0	0	0	0	0	0
20	0	0	6	0	0	0	0	0	0	0	0	0
21	0	0	5	0	0	0	0	0	0	0	0	0
22	0	0	5	0	0	0	0	0	0	0	0	0
23	0	0	5	0	0	0	0	0	0	0	0	0
24	0	0	7	0	0	0	0	0	0	0	0	0
25	0	0	7	0	0	0	0	0	0	0	0	0
26	0	0	5	0	0	0	0	0	0	0	0	0
27	0	0	5	0	0	0	0	0	0	0	0	0
28	0	0	4	0	0	0	0	0	0	0	0	0
29	0	-	6	0	0	0	0	0	0	0	0	0
30	0	-	6	0	0	0	0	0	0	0	0	0
31	0	-	7	-	0	-	0	0	-	0	-	0
TOTAL	0	0	182	65	0	0	0	0	0	0	0	0
MAXIMUM DAY	0	0	8	8	0	0	0	0	0	0	0	0
MINIMUM DAY	0	0	4	0	0	0	0	0	0	0	0	0
MEAN	0	0	6	2	0	0	0	0	0	0	0	0
TOTAL AC. FT.	0	0	361	128	0	0	0	0	0	0	0	0
WHOLE YEAR:-	TOTAL,	247	MAX.,	8	MIN.,	0	MEAN,	1	TOTAL AC.FT.,	489		

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

Quantities in acre-feet

YEAR: 2007

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
+ Treatment Plant via Calloway Canal	1646	1299	2005	2016	1097	0	0	0	0	0	0	508	8571
+ Calloway Canal Operational Losses	167	149	171	178	85	0	0	0	0	0	0	72	822
+ Calloway Canal Below '99"	0	0	2	2	6	0	0	0	0	0	0	18	28
+ Cross Valley Canal Filling Losses	0	0	0	0	0	0	0	0	0	0	0	0	0
+ Cross Valley Canal Reverse Flow	0	0	0	0	0	0	0	0	0	0	0	0	0
+ Cross Valley Canal River Turnout #4	0	0	0	0	0	0	0	0	0	0	0	0	0
+ Sub-total Calloway Canal	1813	1448	2178	2196	1188	0	0	0	0	0	0	598	9421
= Treatment Plant via Beardsley Canal	0	0	0	0	0	0	0	0	1902	2011	1539	789	6241
+ Beardsley Canal Diversion Losses	0	0	0	0	0	0	0	0	50	61	60	38	209
+ Cross Valley Canal System Loss/Storage	0	0	0	0	0	0	0	0	391	2	141	104	638
= Sub-total Beardsley Canal	0	0	0	0	0	0	0	0	2343	2074	1740	931	7088
+ KRC&I Co. #1 Ditch Spreading	0	0	0	0	0	0	0	0	0	0	0	0	0
+ KRC&I Co. #1 Ditch to Cally. Spreading	0	0	0	0	0	0	0	0	0	0	0	0	0
+ Truxtun Lakes	0	0	0	0	0	0	0	0	0	0	0	0	0
+ Arvin-Edison WSD Turnout	0	0	0	0	0	0	0	0	0	0	0	0	0
+ Carrier Canal Loss/Spdg.	0	0	0	0	0	0	0	0	0	0	0	0	0
+ Sub-total via Carrier Canal	0	0	0	0	0	0	0	0	0	0	0	0	0
= River Loss/Spdg. Above Calloway Weir	526	528	591	506	179	0	0	0	0	0	0	1281	3611
+ River Spreading Below Calloway Weir	0	0	0	0	0	0	0	0	0	0	0	0	0
+ Sub-total River Loss/Spreading	526	528	591	506	179	0	0	0	0	0	0	1281	3611
= The Park at River Walk	0	0	0	0	0	0	0	0	0	0	0	0	0
= Improvement District #4 Total Diverted	2339	1976	2769	2702	1367	0	0	0	2343	2074	1740	2810	20120
+ Kern-Tulare WD Basic Contract	0	0	2408	852	0	0	0	0	0	0	0	0	3260
+ Rag Gulch WD Basic Contract	0	0	361	128	0	0	0	0	0	0	0	0	489
= Sub-total K-TWD/RGWD Basic Contract	0	0	2769	980	0	0	0	0	0	0	0	0	3749
+ Kern-Tulare WD 2007 Miscellaneous	0	0	0	0	0	0	0	0	0	0	0	0	0
+ Rag Gulch WD 2007 Miscellaneous	0	0	0	0	0	0	0	0	0	0	0	0	0
= Sub-total K-TWD/RGWD '07 Misc.	0	0	0	0	0	0	0	0	0	0	0	0	0
+ City Truxtun Lake Exchange	0	0	0	0	0	0	0	0	0	0	0	0	0
+ City Miscellaneous	0	0	0	0	0	0	0	0	0	0	0	0	0
+ Sub-total City of Bakersfield	0	0	0	0	0	0	0	0	0	0	0	0	0
= North Kern WSD Exchange (Category "A")	2162	0	0	0	0	0	0	0	0	0	0	0	2162
+ North Kern WSD Exchange (Category "B")	0	0	0	0	0	0	0	0	0	0	0	0	0
+ North Kern WSD Exchange (2006 Water Exchange)	0	0	0	1722	1367	0	0	0	0	0	0	0	3089
+ North Kern WSD Exchange (2007 Water Exchange)	0	0	0	0	0	0	0	0	0	0	0	0	0
+ BVWSD/Rosedale RBWSD 2006 Operational Exchange	177	713	0	0	0	0	0	0	0	0	991	2810	3801
+ Kern Island Instantaneous Exchange	0	0	0	0	0	0	0	0	0	0	0	0	890
+ Kern Delta WD Exchange	0	0	0	0	0	0	0	0	1035	706	0	0	1741
+ Hacienda WD Exchange	0	0	0	0	0	0	0	0	383	1368	749	0	2500
+ Sub-total Hacienda	0	0	0	0	0	0	0	0	925	0	0	0	2188
= Improvement District #4 Total Supply	2339	1976	2769	2702	1367	0	0	0	2343	2074	1740	2810	20120

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

DISCHARGE IN CUBIC FEET PER SECOND

Year: 2007

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

# ROSEDALE RIO BRAVO WATER STORAGE DISTRICT

## Hydrographic and Accounting Report by City of Bakersfield

Quantities in acre-feet

Year: 2007

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Friant-Kern Inflow	Friant-Kern Delivered	SWP Inflow	SWP Delivered	River Canal Charge on Column 2	Total Kern River Delivered	No Charge (1st 4000) acre-feet	acre-feet Sold at \$1.00	acre-feet Sold at \$6.00	acre-feet Sold at \$21.00	Mandatory Release Water	Friant-Kern Floodwater	BVWSD Kern River Exchange	BVWSD Kern River Purchase	A-EWSD Friant-Kern Exchange
January	0	0	0	0	7,470	4,000	3,470	0	0	0	0	0	0	0
February	0	0	0	0	313	0	313	0	0	0	0	0	0	0
March	0	0	0	0	0	0	0	0	0	0	0	0	0	0
April	0	0	0	0	0	0	0	0	0	0	0	0	0	0
May	0	0	0	0	0	0	0	0	0	0	0	0	0	0
June	0	0	0	0	0	0	0	0	0	0	0	0	0	0
July	0	0	0	0	0	0	0	0	0	0	0	0	0	0
August	0	0	0	0	0	0	0	0	0	0	0	0	0	0
September	0	0	0	0	0	0	0	0	0	0	0	0	0	0
October	0	0	0	0	0	0	0	0	0	0	0	0	0	0
November	0	0	0	0	0	0	0	0	0	0	0	0	0	0
December	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>7,783</b>	<b>4,000</b>	<b>3,783</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

5.196 = Current Escalator = 5.196	2006
\$0.00 = Totals = \$19,656.47	2005
	2004
	2003
	169

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.

53,829	0	Five Year Totals
10,766	0	Five Year Averages
2,879	2,879	Current Escalator
\$17.27	\$60.46	Current Price per acre-foot
\$185,928.82	\$0.00	Five Year Average Sales
\$185,928.82		May 31, 2008 Payment

# ROSEDALE RBWSD DIVERSION RECAPITULATION

Quantities in acre-feet

YEAR: 2007

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
Rosedale Channel at Headgate	0	0	0	0	0	0	0	0	0	0	0	0	0
City for Others	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>for Rosedale RBWSD</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
- City Contract Water	0	0	0	0	0	0	0	0	0	0	0	0	0
= Other Water	0	0	0	0	0	0	0	0	0	0	0	0	0
via Berrenda Mesa Pipeline	1,662	0	0	0	0	0	0	0	0	0	0	0	1,662
via 2800 Acres to Central Pioneer	683	0	0	0	0	0	0	0	0	0	0	0	683
via 2800 Acres to North Pioneer	630	0	0	0	0	0	0	0	0	0	0	0	630
via 2800 Acres to Kern Water Bank	0	0	0	0	0	0	0	0	0	0	0	0	0
via Pioneer Canal Inlet	0	0	0	0	0	0	0	0	0	0	0	0	0
via North Lake	0	0	0	0	0	0	0	0	0	0	0	0	0
The Park at River Walk	212	0	0	0	0	0	0	0	0	0	0	0	212
Carrier Canal Recharge	0	0	0	0	0	0	0	0	0	0	0	0	0
2800 Acre Spreading (Gross)	4,283	0	0	0	0	0	0	0	0	0	0	0	4,283
Kern River Channel Spreading	0	313	0	0	0	0	0	0	0	0	0	0	313
Kern River Channel at 2nd Point	0	0	0	0	0	0	0	0	0	0	0	0	0
For Cawelo Water District	0	0	0	0	0	0	0	0	0	0	0	0	0
For Improvement District #4	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Total Diverted</b>	<b>7,470</b>	<b>313</b>	<b>0</b>	0	0	0	0	0	0	0	0	0	<b>7,783</b>

City of Bakersfield Basic Contract	7,470	313	0	0	0	0	0	0	0	0	0	0	7,783
City of Bakersfield Miscellaneous	0	0	0	0	0	0	0	0	0	0	0	0	0
Hacienda WD Exchange	0	0	0	0	0	0	0	0	0	0	0	0	0
Buena Vista WSD 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
Kern River Mandatory Release	0	0	0	0	0	0	0	0	0	0	0	0	0
Friant-Kern Floodwater	0	0	0	0	0	0	0	0	0	0	0	0	0
Kern-Tulare WD Exchange	0	0	0	0	0	0	0	0	0	0	0	0	0
Arvin-Edison WSD Exchange	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Total Supply</b>	<b>7,470</b>	<b>313</b>	<b>0</b>	0	0	0	0	0	0	0	0	0	<b>7,783</b>

## STATUS OF CONTRACT

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

Quantities in acre-feet

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

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

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

Year: 2007

Quantities in acre-feet

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
<b>City Entitlement + or - Release</b>	<b>1,230</b>	<b>997</b>	<b>11,681</b>	<b>11,700</b>	<b>17,365</b>	<b>4,166</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>715</b>	<b>1,190</b>	<b>992</b>	<b>50,036</b>
Lake Ming	16	16	44	60	77	105	127	121	91	65	42	26	790
North Kern Water Storage District	0	0	0	1,408	2,950	5,000	5,000	5,642	0	0	0	0	20,000
Cawelo Water District	0	0	2,700	938	1,169	1,276	1,331	1,210	1,234	61	0	0	9,919
Kern-Tulare Water District	0	0	2,408	852	0	0	0	0	0	0	0	0	3,260
Rag Gulch Water District	0	0	361	128	0	0	0	0	0	0	0	0	489
Rosedale Rio Bravo WSD	7,470	313	0	0	0	0	0	0	0	0	0	0	7,783
Kern River Canal & Irrigating Co.	0	28	0	0	0	0	0	0	0	0	0	0	28
Truxtun Lakes	0	0	0	0	0	0	0	0	0	0	0	0	0
The Park at River Walk	0	0	0	0	0	0	0	0	0	0	0	0	0
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	61	58	173	284	653	884	982	653	396	315	245	121	4,825
River Transportation Loss	82	11	0	165	475	597	717	641	1	(1)	(2)	0	2,686
<b>Total Basic Commitments</b>	<b>7,629</b>	<b>426</b>	<b>5,686</b>	<b>3,835</b>	<b>5,324</b>	<b>7,862</b>	<b>8,157</b>	<b>8,267</b>	<b>1,722</b>	<b>440</b>	<b>285</b>	<b>147</b>	<b>49,780</b>

Total City Miscellaneous Water.....	256
Rosedale Rio Bravo WSD 1/3 Share.....	85

Misc. Water Delivered to RRBWSD	0	0	0	0	0	0	0	0	0	0	0	0	0
Del. under Art.11,Sec. 2.1 (i)(7)	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Total Misc. Delivered to RRBWSD</b>	0	0	0	0	0	0	0	0	0	0	0	0	<b>0</b>

Over (Under) City Miscellaneous Water Obligation.....	(85)
Prior Year Miscellaneous Water Delivery Balance.....	(16,795)
Cumulative Miscellaneous Water Delivery Balance.....	(16,880)

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

Quantities in acre-feet

Year	(A) TOTAL CITY MISCELLANEOUS WATER	(B) RRBWS 1/3 SHARE OF MISC.	(C) MISC. WATER DELIVERED TO RRBWS (1)	(D) OVER (UNDER) 1/3 SHARE	(E) END OF YEAR CUMULATIVE MISC. WATER BALANCE
					0
1977	0	0	0	0	0
1978	75,473	25,158	29,405	4,247	4,247
1979	34,885	11,628	0	(11,628)	(7,381)
1980	81,572	27,191	28,246	1,055	(6,326)
1981	1,634	545	0	(545)	(6,871)
1982	184,335	61,445	37,779	(23,666)	(30,537)
1983	64,686	21,562	12,292	(9,270)	(39,807)
1984	56,816	18,939	20,856	1,917	(37,890)
1985	50,537	16,846	20,694	3,848	(34,042)
1986	161,307	53,769	56,590	2,821	(31,221)
1987	0	0	6,000	6,000	(25,221)
1988	2,157	719	7,845	7,126	(18,095)
1989	3,838	1,279	4,500	3,221	(14,874)
1990	0	0	0	0	(14,874)
1991	0	0	0	0	(14,874)
1992	0	0	0	0	(14,874)
1993	49,610	16,537	16,890	353	(14,521)
1994	0	0	0	0	(14,521)
1995	91,532	30,511	57,383	26,872	12,351
1996	131,683	43,894	38,603	(5,291)	7,060
1997	196,451	65,484	49,226	(16,258)	(9,198)
1998	142,316	47,439	48,695	1,256	(7,942)
1999	1,807	602	200	(402)	(8,344)
2000	1,745	582	758	176	(8,168)
2001	7,024	2,341	795	(1,546)	(9,714)
2002	12,571	4,190	1,946	(2,244)	(11,958)
2003	12,058	4,019	169	(3,850)	(15,808)
2004	2,621	874	0	(874)	(16,682)
2005	108,051	36,017	36,017	0	(16,682)
2006	53,267	17,756	17,643	(113)	(16,795)
2007	256	85	0	(85)	(16,880)

Notes:

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

**KERN RIVER CANAL & IRRIGATING COMPANY**  
**CITY OF BAKERSFIELD**

Year: 2007

Quantities in acre-feet

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
Kern River Entitlement	0	0	0	0	0	0	0	0	0	0	0	0	0
Release	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>ENTITLEMENT + OR - RELEASE</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	0	0	0	0	0	0	0	0	0
Oilfield Discharge	0	0	0	0	0	0	0	0	0	0	0	0	0
From City of Bakersfield	0	28	0	0	0	0	0	0	0	0	0	0	28
From NKWSD	0	0	0	0	0	0	0	0	0	0	0	0	0
Into Isabella Storage	0	0	0	0	0	0	0	0	0	0	0	0	0
From Isabella Storage	77	232	528	601	597	875	918	841	783	375	367	359	6,553
To City of Bakersfield	0	0	0	0	0	0	0	0	0	0	0	0	0
To NKWSD in Isabella Storage	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>DIVERTED AT HEAD</b>	<b>77</b>	<b>260</b>	<b>528</b>	<b>601</b>	<b>597</b>	<b>875</b>	<b>918</b>	<b>841</b>	<b>783</b>	<b>375</b>	<b>367</b>	<b>359</b>	<b>6,581</b>
Irrigation Deliveries	52	163	379	460	398	517	488	427	393	90	95	61	3,523
North Garden Treatment Plant	0	23	59	44	107	245	322	290	328	255	242	247	2,162
NKWSD at Seventh Standard Line	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	25	74	90	97	92	113	108	124	62	30	30	51	896
<b>Irrigation Delivery Percentage</b>	<b>68%</b>	<b>72%</b>	<b>83%</b>	<b>84%</b>	<b>85%</b>	<b>87%</b>	<b>88%</b>	<b>85%</b>	<b>92%</b>	<b>92%</b>	<b>92%</b>	<b>86%</b>	<b>86%</b>
Into Isabella Storage	0	0	0	0	0	0	0	0	0	0	0	0	0
Isabella Evaporation Loss	105	97	228	262	393	452	607	619	424	367	239	111	3,904
From Isabella Storage	77	232	528	601	597	875	918	841	783	375	367	359	6,553
Transfer in Storage	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>End of Month Isabella Storage</b>	<b>19,240</b>	<b>18,911</b>	<b>18,155</b>	<b>17,292</b>	<b>16,302</b>	<b>14,975</b>	<b>13,450</b>	<b>11,990</b>	<b>10,783</b>	<b>10,041</b>	<b>9,435</b>	<b>8,965</b>	

**SOUTH FORK DIVERSION RIGHT SUMMARY**

**Year: 2007**

Quantities in acre-feet

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
Kern River Entitlement	288	476	0	4	79	0	0	0	0	0	0	38	885
Release	(288)	(258)	0	(2)	(29)	0	0	0	0	375	625	(38)	385
<b>Entitlement + or - Releases</b>	<b>0</b>	<b>218</b>	<b>0</b>	<b>2</b>	<b>50</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>375</b>	<b>625</b>	<b>0</b>	<b>1,270</b>
Into Isabella Storage	0	218	0	2	50	0	0	0	0	375	625	0	1,270
From Isabella Storage	0	0	0	0	0	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Total Deliveries</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	0	0	0	0	0	0	0	0	0
Old South Fork	0	0	0	0	0	0	0	0	0	0	0	0	0
Panama Ranch	0	0	0	0	0	0	0	0	0	0	0	0	0
Into Isabella Storage	0	218	0	2	50	0	0	0	0	375	625	0	1,270
From Isabella Storage	0	0	0	0	0	0	0	0	0	0	0	0	0
Transfer in Storage	0	0	0	0	0	0	0	0	0	0	1,270	0	1,270
<b>End of Month Isabella Storage</b>	<b>600</b>	<b>818</b>	<b>818</b>	<b>820</b>	<b>870</b>	<b>870</b>	<b>870</b>	<b>870</b>	<b>870</b>	<b>1,245</b>	<b>600</b>	<b>600</b>	<b>600</b>

Year: 2007

City of Bakersfield Diverted to California Water Service Company

DISCHARGE IN CUBIC FEET PER SECOND

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	12	13	14	19	19	23	22	26	25	20	19	18
2	14	14	15	18	18	22	22	25	27	20	17	17
3	13	13	13	20	18	21	22	26	25	19	19	18
4	5	14	14	18	18	22	21	25	26	20	18	18
5	12	13	13	17	19	22	22	25	26	19	19	18
6	14	14	14	19	19	21	22	25	24	17	18	18
7	13	13	14	18	20	22	20	25	24	19	18	17
8	14	14	16	18	21	23	19	25	26	20	19	18
9	13	14	12	18	21	22	19	25	26	19	19	17
10	14	14	14	19	20	22	25	25	26	20	18	18
11	13	14	13	18	21	22	26	26	25	19	18	18
12	15	13	14	19	20	22	24	24	24	21	19	17
13	13	14	17	19	21	22	26	25	25	19	18	17
14	14	14	15	19	21	23	26	25	22	20	19	18
15	13	15	15	19	21	21	24	26	24	19	18	17
16	14	13	14	18	20	22	26	23	24	20	18	17
17	13	15	15	19	20	23	24	24	23	19	19	19
18	14	12	13	19	22	23	27	25	23	20	18	20
19	14	13	14	19	20	23	23	26	23	19	18	17
20	14	14	14	18	22	22	25	25	24	20	19	19
21	14	14	13	20	21	23	26	25	23	19	18	18
22	14	15	14	18	21	23	25	25	23	20	17	14
23	13	14	13	19	21	22	25	25	21	19	18	16
24	14	14	14	18	22	20	24	25	20	20	19	15
25	14	11	12	19	20	22	24	26	22	19	18	14
26	14	14	14	18	22	23	25	26	19	20	18	16
27	14	6	19	18	21	21	24	26	20	20	18	15
28	19	15	18	17	20	22	25	25	19	20	19	15
29	7	-	20	19	22	23	24	26	20	19	18	16
30	13	-	18	18	20	21	24	26	19	20	19	15
31	13	-	19	-	23	-	25	23	-	19	-	15
TOTAL	410	376	457	555	634	663	736	779	699	604	550	525
MAXIMUM DAY	19	15	20	20	23	23	27	26	27	21	19	20
MINIMUM DAY	5	6	12	17	18	20	19	23	19	17	17	14
MEAN	13	13	15	19	20	22	24	25	23	19	18	17
TOTAL AC. FT.	813	747	907	1,101	1,259	1,314	1,459	1,546	1,387	1,198	1,092	1,041
WHOLE YEAR:-	TOTAL,	6,988	MAX.,	27	MIN.,	5	MEAN,	19	TOTAL AC.FT.,	13,864		

DISCHARGE IN CUBIC FEET PER SECOND

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

Year: 2007

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	1	0	1	1	1	2	2	2	2	1	0	0
2	0	1	0	1	2	2	2	2	1	1	1	0
3	1	0	1	1	1	2	3	2	2	1	0	1
4	0	0	0	1	2	2	2	2	2	1	1	0
5	0	1	1	1	1	2	2	2	2	1	0	0
6	0	0	0	1	2	2	3	2	1	1	1	1
7	1	0	1	1	2	2	2	2	2	0	0	0
8	0	0	0	1	1	2	2	2	2	1	1	0
9	0	1	1	1	2	2	3	2	2	1	0	1
10	0	0	0	1	1	2	2	2	1	1	1	0
11	1	0	1	1	2	2	2	2	2	1	0	0
12	0	0	0	1	2	2	2	2	2	0	0	1
13	0	0	1	1	2	3	2	2	2	1	1	0
14	1	0	1	1	2	2	2	2	1	1	0	0
15	0	0	1	1	1	2	3	2	2	2	0	1
16	0	0	1	1	2	2	2	2	2	1	1	0
17	1	1	1	1	2	2	2	2	2	1	1	0
18	0	0	1	1	2	2	2	2	1	1	1	1
19	0	0	1	1	2	2	2	2	2	1	0	0
20	0	1	1	1	2	2	2	2	2	0	1	0
21	1	0	1	1	2	2	2	2	2	1	0	1
22	0	0	1	1	2	2	2	2	1	1	1	0
23	1	1	1	1	2	2	2	2	2	1	0	0
24	0	0	1	1	1	2	2	2	2	0	1	1
25	1	0	1	1	2	2	2	2	2	1	0	0
26	0	0	1	1	1	2	2	2	1	1	1	0
27	0	1	1	1	2	2	3	2	2	1	0	1
28	0	0	1	1	2	2	2	2	2	1	1	0
29	1	-	1	2	2	2	2	2	2	0	0	0
30	0	-	1	1	2	2	2	2	1	1	1	1
31	0	-	1	-	2	-	2	2	-	1	-	0
TOTAL	10	7	25	31	54	61	67	62	52	26	14	10
MAXIMUM DAY	1	1	1	2	2	3	3	2	2	1	1	1
MINIMUM DAY	0	0	0	1	1	2	2	2	1	0	0	0
MEAN	0	0	1	1	2	2	2	2	2	1	0	0
TOTAL AC. FT.	20	13	49	61	107	120	134	122	103	52	27	20
WHOLE YEAR:-	TOTAL,	419	MAX.,	3	MIN.,	0	MEAN,	1	TOTAL AC.FT.,	828		

Year: 2007

City of Bakersfield Diverted to Kern Valley Golf Course

DISCHARGE IN CUBIC FEET PER SECOND

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	0	0	0	1	0	0	1	1	0	0	0
2	0	0	0	1	0	1	1	1	0	1	1	0
3	0	0	0	0	0	0	0	0	1	0	0	0
4	0	0	0	0	1	1	1	1	1	0	0	0
5	0	0	0	1	0	0	1	1	0	1	0	0
6	0	0	0	0	0	1	0	0	1	0	0	0
7	0	1	0	0	1	0	1	1	1	0	0	0
8	0	0	0	1	0	1	0	1	0	0	0	0
9	0	0	0	0	0	0	1	0	1	1	0	0
10	0	0	0	0	1	1	1	1	0	0	0	0
11	0	0	0	1	0	0	0	1	1	0	0	0
12	0	0	0	0	1	1	1	0	0	1	0	0
13	0	0	0	1	0	0	1	1	1	0	0	0
14	0	0	0	0	0	1	0	1	1	0	0	0
15	0	0	1	0	1	1	1	0	0	1	0	0
16	0	0	0	1	0	0	1	1	1	0	0	0
17	0	0	0	0	1	1	1	0	0	1	0	0
18	0	0	0	1	0	0	1	0	0	0	1	0
19	0	0	0	0	1	1	0	1	1	0	0	0
20	0	0	0	0	0	1	1	1	0	1	0	0
21	0	0	0	1	1	0	1	0	0	0	0	0
22	0	0	1	0	0	1	0	1	0	0	0	0
23	0	0	0	1	0	1	1	0	0	1	0	0
24	0	0	0	0	1	0	0	1	0	0	0	0
25	0	0	0	1	0	1	1	0	0	0	0	0
26	0	0	0	0	1	0	1	1	0	0	0	0
27	0	0	0	0	0	1	0	0	0	1	0	0
28	0	0	0	1	1	0	1	1	0	0	0	0
29	0	-	0	0	0	1	0	0	0	0	1	0
30	0	-	1	0	1	1	0	1	0	1	0	0
31	0	-	0	-	0	-	1	0	-	0	-	0
TOTAL	0	1	3	11	13	17	18	19	12	9	3	0
MAXIMUM DAY	0	1	1	1	1	1	1	1	1	1	1	0
MINIMUM DAY	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	1	1	1	0	0	0	0
TOTAL AC. FT.	0	2	6	22	26	34	35	38	25	18	6	0
WHOLE YEAR:-	TOTAL,	106	MAX.,	1	MIN.,	0	MEAN,	0	TOTAL AC.FT.,	212		

City of Bakersfield 2800 Acre Well Water Diverted to County of Kern  
(Pursuant to City/County Letter Agreement dated April 18, 2007) Year: 2007

DISCHARGE IN CUBIC FEET PER SECOND

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	0	0	0	0	0	0	0	29	37	0	0
2	0	0	0	0	0	0	0	0	31	36	0	0
3	0	0	0	0	0	0	0	0	31	36	0	0
4	0	0	0	0	0	0	0	0	31	37	0	0
5	0	0	0	0	0	0	0	0	35	37	0	0
6	0	0	0	0	0	0	0	0	37	37	0	0
7	0	0	0	0	0	0	0	0	37	37	0	0
8	0	0	0	0	0	0	0	0	37	36	0	0
9	0	0	0	0	0	0	0	0	37	37	0	0
10	0	0	0	0	0	0	0	0	37	37	0	0
11	0	0	0	0	0	0	0	0	37	37	0	0
12	0	0	0	0	0	0	0	0	37	37	0	0
13	0	0	0	0	0	0	0	0	37	37	0	0
14	0	0	0	0	0	0	0	0	37	37	0	0
15	0	0	0	0	0	0	0	0	37	37	0	0
16	0	0	0	0	0	0	0	0	37	36	0	0
17	0	0	0	0	0	0	0	0	37	37	0	0
18	0	0	0	0	0	0	0	0	37	37	0	0
19	0	0	0	0	0	0	0	0	37	14	0	0
20	0	0	0	0	0	0	0	13	37	0	0	0
21	0	0	0	0	0	0	0	38	37	0	0	0
22	0	0	0	0	0	0	0	37	37	0	0	0
23	0	0	0	0	0	0	0	38	37	0	0	0
24	0	0	0	0	0	0	0	37	36	0	0	0
25	0	0	0	0	0	0	0	37	36	0	0	0
26	0	0	0	0	0	0	0	37	36	0	0	0
27	0	0	0	0	0	0	0	37	36	0	0	0
28	0	0	0	0	0	0	0	31	36	0	0	0
29	0	-	0	0	0	0	0	25	36	0	0	0
30	0	-	0	0	0	0	0	24	36	0	0	0
31	0	-	0	-	0	-	0	20	-	0	-	0
TOTAL	0	0	0	0	0	0	0	374	1,075	676	0	0
MAXIMUM DAY	0	0	0	0	0	0	0	38	37	37	0	0
MINIMUM DAY	0	0	0	0	0	0	0	0	29	0	0	0
MEAN	0	0	0	0	0	0	0	12	36	22	0	0
TOTAL AC. FT.	0	0	0	0	0	0	0	742	2,132	1,340	0	0
WHOLE YEAR:-	TOTAL,	2,125	MAX.,	38	MIN.,	0	MEAN,	6	TOTAL AC.FT.,	4,214		

Kern County Water Agency Kern River Water Diverted  
via Kern River Canal

Year: 2007

DISCHARGE IN CUBIC FEET PER SECOND

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	91	0	0	0	0	0
7	0	0	0	0	0	0	126	0	0	0	0	0
8	0	0	0	0	0	0	130	0	0	0	0	0
9	0	0	0	0	0	0	128	0	0	0	0	0
10	0	0	0	0	0	0	153	0	0	0	0	0
11	0	0	0	0	0	0	156	0	0	0	0	0
12	0	0	0	0	0	0	169	0	0	0	0	0
13	0	0	0	0	0	0	117	0	0	0	0	0
14	0	0	0	0	0	0	115	0	0	0	0	0
15	0	0	0	0	0	0	121	0	0	0	0	0
16	0	0	0	0	0	0	124	0	0	0	0	0
17	0	0	0	0	0	0	128	0	0	0	0	0
18	0	0	0	0	0	0	58	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	13	0	0	0	0	0	0	0	0	0
22	0	0	34	0	0	0	0	0	0	0	0	0
23	0	0	39	0	0	0	0	0	0	0	0	0
24	0	0	37	0	0	0	0	0	0	0	0	0
25	0	0	35	0	0	0	0	0	0	0	0	0
26	0	0	11	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0
29	0	-	0	0	0	0	0	0	0	0	0	0
30	0	-	0	0	0	0	0	0	0	0	0	0
31	0	-	0	-	0	-	0	0	-	0	-	0
<b>TOTAL</b>	0	0	169	0	0	0	1,616	0	0	0	0	0
<b>MAXIMUM DAY</b>	0	0	39	0	0	0	169	0	0	0	0	0
<b>MINIMUM DAY</b>	0	0	0	0	0	0	0	0	0	0	0	0
<b>MEAN</b>	0	0	5	0	0	0	52	0	0	0	0	0
<b>TOTAL AC. FT.</b>	0	0	335	0	0	0	3,205	0	0	0	0	0
<b>WHOLE YEAR:-</b>	<b>TOTAL,</b>	<b>1,785</b>	<b>MAX.,</b>	<b>169</b>	<b>MIN.,</b>	<b>0</b>	<b>MEAN,</b>	<b>5</b>	<b>TOTAL AC.FT.,</b>	<b>3,540</b>		

Year: 2007

Total Flow via the Berrenda Mesa Pipeline at Head

DISCHARGE IN CUBIC FEET PER SECOND

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	60	0	0	0	0	0	0	0	0	0	0	0
2	60	0	0	0	0	0	0	0	0	0	0	0
3	61	0	0	0	0	0	0	0	0	0	0	0
4	60	0	0	0	0	0	0	0	0	0	0	0
5	60	0	0	0	0	0	0	0	0	0	0	0
6	56	0	0	0	0	0	0	0	0	0	0	0
7	57	0	0	0	0	0	0	0	0	0	0	0
8	56	0	0	0	0	0	0	0	0	0	0	0
9	59	0	0	0	0	0	0	0	0	0	0	0
10	60	0	0	0	0	0	0	0	0	0	0	0
11	60	0	0	0	0	0	0	0	0	0	0	0
12	40	0	0	0	0	0	0	0	0	0	0	0
13	54	0	0	0	0	0	0	0	0	0	0	0
14	60	0	0	0	0	0	0	0	0	0	0	0
15	59	0	0	0	0	0	0	0	0	0	0	0
16	60	0	0	0	0	0	0	0	0	0	0	0
17	60	0	0	0	0	0	0	0	0	0	0	0
18	60	0	0	0	0	0	0	0	0	0	0	0
19	63	0	0	0	0	0	0	0	0	0	0	0
20	60	0	0	0	0	0	0	0	0	0	0	0
21	58	0	0	0	0	0	0	0	0	0	0	0
22	58	0	0	0	0	0	0	0	0	0	0	0
23	61	0	0	0	0	0	0	0	0	0	0	0
24	56	0	0	0	0	0	0	0	0	0	0	0
25	56	0	0	0	0	0	0	0	0	0	0	0
26	55	0	0	0	0	0	0	0	0	0	0	0
27	72	0	0	0	0	0	0	0	0	0	0	0
28	74	0	0	0	0	0	0	0	0	0	0	0
29	77	-	0	0	0	0	0	0	0	0	0	0
30	66	-	0	0	0	0	0	0	0	0	0	0
31	62	-	0	-	0	-	0	0	-	0	-	0
TOTAL	1,860	0	0	0	0	0	0	0	0	0	0	0
MAXIMUM DAY	77	0	0	0	0	0	0	0	0	0	0	0
MINIMUM DAY	40	0	0	0	0	0	0	0	0	0	0	0
MEAN	60	0	0	0	0	0	0	0	0	0	0	0
TOTAL AC. FT.	3,689	0	0	0	0	0	0	0	0	0	0	0
WHOLE YEAR:-	TOTAL,	1,860	MAX.,	77	MIN.,	0	MEAN,	5	TOTAL AC.FT.,	3,689		

Year: 2007

Total Flow via the Pioneer Canal at Head

DISCHARGE IN CUBIC FEET PER SECOND

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

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

Year: 2007

**DISCHARGE IN CUBIC FEET PER SECOND**

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	102	0	0	0	0	0	0	0	0	0	0	0
2	89	0	0	0	0	0	0	0	0	0	0	0
3	74	0	0	0	0	0	0	0	0	0	0	0
4	57	0	0	0	0	0	0	0	0	0	0	0
5	60	0	0	0	0	0	0	0	0	0	0	0
6	61	0	0	0	0	0	0	0	0	0	0	0
7	60	0	0	0	0	0	0	0	0	0	0	0
8	60	0	0	0	0	0	0	0	0	0	0	0
9	82	0	0	0	0	0	0	0	0	0	0	0
10	87	0	0	0	0	0	0	0	0	0	0	0
11	71	0	0	0	0	0	0	0	0	0	0	0
12	79	0	0	0	0	0	0	0	0	0	0	0
13	63	0	0	0	0	0	0	0	0	0	0	0
14	50	0	0	0	0	0	0	0	0	0	0	0
15	45	0	0	0	0	0	0	0	0	0	0	0
16	43	0	0	0	0	0	0	0	0	0	0	0
17	74	0	0	0	0	0	0	0	0	0	0	0
18	78	0	0	0	0	0	0	0	0	0	0	0
19	75	0	0	0	0	0	0	0	0	0	0	0
20	72	0	0	0	0	0	0	0	0	0	0	0
21	67	0	0	0	0	0	0	0	0	0	0	0
22	75	0	0	0	0	0	0	0	0	0	0	0
23	85	0	0	0	0	0	0	0	0	0	0	0
24	82	0	0	0	0	0	0	0	0	0	0	0
25	81	0	0	0	0	0	0	0	0	0	0	0
26	83	0	0	0	0	0	0	0	0	0	0	0
27	75	0	0	0	0	0	0	0	0	0	0	0
28	90	0	0	0	0	0	0	0	0	0	0	0
29	81	-	0	0	0	0	0	0	0	0	0	0
30	62	-	0	0	0	0	0	0	0	0	0	0
31	103	-	0	-	0	-	0	0	-	0	-	0
<b>TOTAL</b>	<b>2,266</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>MAXIMUM DAY</b>	<b>103</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>MINIMUM DAY</b>	<b>43</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>MEAN</b>	<b>73</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>TOTAL AC. FT.</b>	<b>4,495</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>WHOLE YEAR:-</b>	<b>TOTAL,</b>	<b>2,266</b>	<b>MAX.,</b>	<b>103</b>	<b>MIN.,</b>	<b>0</b>	<b>MEAN,</b>	<b>6</b>	<b>TOTAL AC.FT.,</b>	<b>4,495</b>	<b>0</b>	<b>0</b>

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

Year: 2007

**DISCHARGE IN CUBIC FEET PER SECOND**

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	106	0	0	0	0	0	0	0	0	0	0	0
2	81	0	0	0	0	0	0	0	0	0	0	0
3	81	0	0	0	0	0	0	0	0	0	0	0
4	74	0	0	0	0	0	0	0	0	0	0	0
5	82	0	0	0	0	0	0	0	0	0	0	0
6	83	0	0	0	0	0	0	0	0	0	0	0
7	82	0	0	0	0	0	0	0	0	0	0	0
8	83	0	0	0	0	0	0	0	0	0	0	0
9	87	0	0	0	0	0	0	0	0	0	0	0
10	90	0	0	0	0	0	0	0	0	0	0	0
11	93	0	0	0	0	0	0	0	0	0	0	0
12	95	0	0	0	0	0	0	0	0	0	0	0
13	95	0	0	0	0	0	0	0	0	0	0	0
14	95	0	0	0	0	0	0	0	0	0	0	0
15	95	0	0	0	0	0	0	0	0	0	0	0
16	95	0	0	0	0	0	0	0	0	0	0	0
17	92	0	0	0	0	0	0	0	0	0	0	0
18	89	0	0	0	0	0	0	0	0	0	0	0
19	93	0	0	0	0	0	0	0	0	0	0	0
20	91	0	0	0	0	0	0	0	0	0	0	0
21	89	0	0	0	0	0	0	0	0	0	0	0
22	92	0	0	0	0	0	0	0	0	0	0	0
23	95	0	0	0	0	0	0	0	0	0	0	0
24	93	0	0	0	0	0	0	0	0	0	0	0
25	89	0	0	0	0	0	0	0	0	0	0	0
26	85	0	0	0	0	0	0	0	0	0	0	0
27	87	0	0	0	0	0	0	0	0	0	0	0
28	102	0	0	0	0	0	0	0	0	0	0	0
29	102	-	0	0	0	0	0	0	0	0	0	0
30	119	-	0	0	0	0	0	0	0	0	0	0
31	190	-	0	-	0	-	0	0	-	0	-	0
<b>TOTAL</b>	<b>2,925</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>MAXIMUM DAY</b>	<b>190</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>MINIMUM DAY</b>	<b>74</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>MEAN</b>	<b>94</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>TOTAL AC. FT.</b>	<b>5,802</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>WHOLE YEAR:-</b>	<b>TOTAL,</b>	<b>2,925</b>	<b>MAX.,</b>	<b>190</b>	<b>MIN.,</b>	<b>0</b>	<b>MEAN,</b>	<b>8</b>	<b>TOTAL AC.FT.,</b>	<b>5,802</b>	<b>0</b>	<b>0</b>

**DISCHARGE IN CUBIC FEET PER SECOND**  
**Cross Valley Canal - Turnout #2 to Kern River Channel**  
**(As reported by Kern County Water Agency)**  
 Year: 2007

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	50	0	0	0	0	0	0	0	0	0	0	0
2	31	0	0	0	0	0	0	0	0	0	0	0
3	31	0	0	0	0	0	0	0	0	0	0	0
4	27	0	0	0	0	0	0	0	0	0	0	0
5	31	0	0	0	0	0	0	0	0	0	0	0
6	31	0	0	0	0	0	0	0	0	0	0	0
7	31	0	0	0	0	0	0	0	0	0	0	0
8	32	0	0	0	0	0	0	0	0	0	0	0
9	41	0	0	0	0	0	0	0	0	0	0	0
10	48	0	0	0	0	0	0	0	0	0	0	0
11	48	0	0	0	0	0	0	0	0	0	0	0
12	45	0	0	0	0	0	0	0	0	0	0	0
13	43	0	0	0	0	0	0	0	0	0	0	0
14	43	0	0	0	0	0	0	0	0	0	0	0
15	43	0	0	0	0	0	0	0	0	0	0	0
16	43	0	0	0	0	0	0	0	0	0	0	0
17	43	0	0	0	0	0	0	0	0	0	0	0
18	48	0	0	0	0	0	0	0	0	0	0	0
19	50	0	0	0	0	0	0	0	0	0	0	0
20	46	0	0	0	0	0	0	0	0	0	0	0
21	44	0	0	0	0	0	0	0	0	0	0	0
22	44	0	0	0	0	0	0	0	0	0	0	0
23	45	0	0	0	0	0	0	0	0	0	0	0
24	48	0	0	0	0	0	0	0	0	0	0	0
25	46	0	0	0	0	0	0	0	0	0	0	0
26	43	0	0	0	0	0	0	0	0	0	0	0
27	60	0	0	0	0	0	0	0	0	0	0	0
28	67	0	0	0	0	0	0	0	0	0	0	0
29	67	-	0	0	0	0	0	0	0	0	0	0
30	73	-	0	0	0	0	0	0	0	0	0	0
31	98	-	0	-	0	-	0	0	-	0	-	0
<b>TOTAL</b>	<b>1,440</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>MAXIMUM DAY</b>	<b>98</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>MINIMUM DAY</b>	<b>27</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>MEAN</b>	<b>46</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>TOTAL AC. FT.</b>	<b>2,856</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>WHOLE YEAR:-</b>	<b>TOTAL,</b>	<b>1,440</b>	<b>MAX.,</b>	<b>98</b>	<b>MIN.,</b>	<b>0</b>	<b>MEAN,</b>	<b>4</b>	<b>TOTAL AC.FT.,</b>	<b>2,856</b>		

Cross Valley Canal - Turnout #3 to Kern River Channel  
(As reported by Kern County Water Agency) Year: 2007

**DISCHARGE IN CUBIC FEET PER SECOND**

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	52	0	0	0	0	0	0	0	0	0	0	0
2	52	0	0	0	0	0	0	0	0	0	0	0
3	54	0	0	0	0	0	0	0	0	0	0	0
4	49	0	0	0	0	0	0	0	0	0	0	0
5	54	0	0	0	0	0	0	0	0	0	0	0
6	54	0	0	0	0	0	0	0	0	0	0	0
7	54	0	0	0	0	0	0	0	0	0	0	0
8	53	0	0	0	0	0	0	0	0	0	0	0
9	53	0	0	0	0	0	0	0	0	0	0	0
10	53	0	0	0	0	0	0	0	0	0	0	0
11	53	0	0	0	0	0	0	0	0	0	0	0
12	53	0	0	0	0	0	0	0	0	0	0	0
13	53	0	0	0	0	0	0	0	0	0	0	0
14	53	0	0	0	0	0	0	0	0	0	0	0
15	53	0	0	0	0	0	0	0	0	0	0	0
16	53	0	0	0	0	0	0	0	0	0	0	0
17	46	0	0	0	0	0	0	0	0	0	0	0
18	49	0	0	0	0	0	0	0	0	0	0	0
19	48	0	0	0	0	0	0	0	0	0	0	0
20	46	0	0	0	0	0	0	0	0	0	0	0
21	45	0	0	0	0	0	0	0	0	0	0	0
22	45	0	0	0	0	0	0	0	0	0	0	0
23	46	0	0	0	0	0	0	0	0	0	0	0
24	47	0	0	0	0	0	0	0	0	0	0	0
25	48	0	0	0	0	0	0	0	0	0	0	0
26	48	0	0	0	0	0	0	0	0	0	0	0
27	48	0	0	0	0	0	0	0	0	0	0	0
28	48	0	0	0	0	0	0	0	0	0	0	0
29	48	-	0	0	0	0	0	0	0	0	0	0
30	47	-	0	0	0	0	0	0	0	0	0	0
31	49	-	0	-	0	-	0	0	-	0	-	0
<b>TOTAL</b>	<b>1,554</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>MAXIMUM DAY</b>	<b>54</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>MINIMUM DAY</b>	<b>45</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>MEAN</b>	<b>50</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>TOTAL AC. FT.</b>	<b>3,082</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>WHOLE YEAR:-</b>	<b>TOTAL,</b>	<b>1,554</b>	<b>MAX.,</b>	<b>54</b>	<b>MIN.,</b>	<b>0</b>	<b>MEAN,</b>	<b>4</b>	<b>TOTAL AC.FT.,</b>	<b>3,082</b>		

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

Year: 2007

**DISCHARGE IN CUBIC FEET PER SECOND**

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	29	0	0	0	0	0	0	0	0	0	0	0
2	30	0	0	0	0	0	0	0	0	0	0	0
3	30	0	0	0	0	0	0	0	0	0	0	0
4	27	0	0	0	0	0	0	0	0	0	0	0
5	26	0	0	0	0	0	0	0	0	0	0	0
6	26	0	0	0	0	0	0	0	0	0	0	0
7	26	0	0	0	0	0	0	0	0	0	0	0
8	26	0	0	0	0	0	0	0	0	0	0	0
9	26	0	0	0	0	0	0	0	0	0	0	0
10	26	0	0	0	0	0	0	0	0	0	0	0
11	17	0	0	0	0	0	0	0	0	0	0	0
12	26	0	0	0	0	0	0	0	0	0	0	0
13	26	0	0	0	0	0	0	0	0	0	0	0
14	25	0	0	0	0	0	0	0	0	0	0	0
15	23	0	0	0	0	0	0	0	0	0	0	0
16	24	0	0	0	0	0	0	0	0	0	0	0
17	21	0	0	0	0	0	0	0	0	0	0	0
18	34	0	0	0	0	0	0	0	0	0	0	0
19	37	0	0	0	0	0	0	0	0	0	0	0
20	28	0	0	0	0	0	0	0	0	0	0	0
21	27	0	0	0	0	0	0	0	0	0	0	0
22	28	0	0	0	0	0	0	0	0	0	0	0
23	28	0	0	0	0	0	0	0	0	0	0	0
24	26	0	0	0	0	0	0	0	0	0	0	0
25	26	0	0	0	0	0	0	0	0	0	0	0
26	25	0	0	0	0	0	0	0	0	0	0	0
27	24	0	0	0	0	0	0	0	0	0	0	0
28	27	0	0	0	0	0	0	0	0	0	0	0
29	28	-	0	0	0	0	0	0	0	0	0	0
30	27	-	0	0	0	0	0	0	0	0	0	0
31	32	-	0	-	0	-	0	0	-	0	-	0
<b>TOTAL</b>	<b>831</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>MAXIMUM DAY</b>	<b>37</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>MINIMUM DAY</b>	<b>17</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>MEAN</b>	<b>27</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>TOTAL AC. FT.</b>	<b>1,648</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>WHOLE YEAR:-</b>	<b>TOTAL,</b>	<b>831</b>	<b>MAX.,</b>	<b>37</b>	<b>MIN.,</b>	<b>0</b>	<b>MEAN,</b>	<b>2</b>	<b>TOTAL AC.FT.,</b>	<b>1,648</b>	<b>0</b>	<b>0</b>

# NORTH KERN WATER STORAGE DISTRICT

Lerdo Canal at  
Head of 8-1 Lateral

Quantities in acre-feet

Year: 2007

**NORTH KERN WATER STORAGE DISTRICT**

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
NKWS River Entitlement	266	835	63	327	2,154	101	0	0	0	0	0	67	3,813
Release	10,032	5,757	2,459	2,591	1,351	0	0	0	0	0	4,019	8,870	35,079
<b>ENTITLEMENT + OR - RELEASE</b>	<b>10,298</b>	<b>6,592</b>	<b>2,522</b>	<b>2,918</b>	<b>3,505</b>	<b>101</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4,019</b>	<b>8,937</b>	<b>38,892</b>
From KRC & Irr. Company	0	0	0	0	0	0	0	0	0	0	0	0	0
From City of Bakersfield	3,426	0	157	1,408	2,950	5,000	5,000	5,642	0	0	0	0	23,583
From Isabella Reservoir Storage	1,964	1,305	2,547	2,940	5,290	14,136	9,077	1,682	297	2,695	89	1,261	43,283
From Improvement District No. 4	0	0	0	0	0	0	4,709	1,930	1,807	0	0	0	8,446
From Buena Vista WSD	0	1,583	0	0	0	0	0	0	0	0	0	0	1,583
To City of Bakersfield	7,156	278	0	0	0	0	0	0	0	0	0	0	7,434
To Improvement District #4	2,162	0	0	1,722	1,367	0	0	0	0	0	991	2,810	9,052
To Cawelo WD	0	0	0	0	0	0	0	0	0	528	40	615	1,183
To Kern Delta WD	0	0	0	0	0	0	0	0	0	0	0	160	160
Into Isabella Reservoir Storage	1,353	1,132	149	141	684	4,716	4,577	7,266	776	0	2,209	3,540	26,543
Other	0	0	0	0	0	0	0	1,713	776	0	0	6	2,495
<b>TOTAL DIVERTED FROM RIVER</b>	<b>5,017</b>	<b>8,070</b>	<b>5,077</b>	<b>5,403</b>	<b>9,694</b>	<b>14,521</b>	<b>14,209</b>	<b>3,701</b>	<b>2,104</b>	<b>2,167</b>	<b>868</b>	<b>3,079</b>	<b>73,910</b>
Loss to Seventh Standard Line	52	72	61	62	61	60	61	61	34	54	70	85	733
NKWS Deep Well Production	0	0	7,457	11,489	13,799	13,031	14,837	14,789	11,317	9,816	3,225	0	99,760
Non-District Deep Well Production	0	0	0	0	577	980	1,218	994	897	0	0	0	4,666
Poso Creek Natural Flow	0	0	0	0	0	0	0	0	0	0	0	0	0
Friant-Kern Inflow to Poso Creek	2,254	2,618	0	0	0	0	0	0	0	0	0	0	4,872
Friant-Kern Inflow to 8-1-0 Lateral	10,744	9,879	0	0	0	0	0	0	0	0	0	0	20,623
Rosedale Ranch Improvement District	0	188	0	0	0	0	0	0	0	0	0	0	188
Semitropic WSD via Poso Creek	754	803	0	0	0	0	0	0	0	0	0	0	1,557
Cawelo WD Pump Station "D" Inflow	0	0	0	0	0	0	0	0	0	357	0	0	357
CVC Conduit "A" Inflow	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>TOTAL DISTRICT SUPPLY</b>	<b>17,209</b>	<b>19,504</b>	<b>12,473</b>	<b>16,830</b>	<b>24,009</b>	<b>28,472</b>	<b>30,203</b>	<b>19,423</b>	<b>14,284</b>	<b>12,286</b>	<b>4,023</b>	<b>2,994</b>	<b>201,710</b>
Class 1 Irrigation Deliveries	544	2,596	5,330	7,245	11,371	15,025	15,786	10,183	6,387	5,974	1,698	964	83,103
Class 2 Irrigation Deliveries	821	2,182	3,983	5,242	7,464	8,967	7,137	5,782	4,188	3,350	1,125	609	50,850
Semitropic WSD Irrigation Deliveries	0	28	10	0	0	0	0	0	0	0	0	0	38
Shafter-Wasco ID Irrigation Deliveries	0	0	52	383	410	359	435	22	220	210	0	0	2,091
Delano-Earlimart ID Irrigation Deliveries	0	0	0	0	0	0	0	325	422	210	0	0	957
Friant-Kern Canal Pump-In Deliveries	0	0	649	1,047	840	771	1,133	1,160	929	344	0	0	6,873
<b>TOTAL IRRIGATION USE</b>	<b>1,365</b>	<b>4,806</b>	<b>10,024</b>	<b>13,917</b>	<b>20,085</b>	<b>25,122</b>	<b>24,491</b>	<b>17,472</b>	<b>12,146</b>	<b>10,088</b>	<b>2,823</b>	<b>1,573</b>	<b>143,912</b>
District Spreading Ponds (Kern)	2,912	3,814	0	0	0	0	0	0	0	0	0	0	6,726
District Spreading Ponds (Other)	10,522	9,043	0	0	0	0	0	0	0	0	0	0	19,565
Poso Creek Spreading (Kern)	0	93	0	0	0	0	0	0	0	0	0	0	93
Poso Creek Spreading (Other)	1,930	1,837	0	0	0	0	0	0	0	0	0	0	3,767
<b>TOTAL DISTRICT SPREADING</b>	<b>15,364</b>	<b>14,787</b>	<b>0</b>	0	0	0	0	0	0	0	0	0	<b>30,151</b>
<b>TOTAL DISTRICT USE</b>	<b>16,729</b>	<b>19,593</b>	<b>10,024</b>	<b>13,917</b>	<b>20,085</b>	<b>25,122</b>	<b>24,491</b>	<b>17,472</b>	<b>12,146</b>	<b>10,088</b>	<b>2,823</b>	<b>1,573</b>	<b>174,063</b>
Total NKWS Canal Loss	480	(89)	2,449	2,913	3,924	3,350	5,712	1,951	2,138	2,198	1,200	1,421	27,647
Into Reservoir Storage	1,353	1,132	149	141	684	4,716	4,577	7,266	776	0	2,209	3,540	26,543
Reservoir Evaporation Loss	355	322	768	860	1,273	1,406	1,641	1,913	1,409	1,229	814	415	12,405
From Reservoir Storage	1,964	1,305	2,547	2,940	5,290	14,136	9,077	1,682	297	2,695	89	1,261	43,283
<b>END OF MONTH RESERVOIR STORAGE</b>	<b>64,337</b>	<b>63,842</b>	<b>60,676</b>	<b>57,017</b>	<b>51,138</b>	<b>40,312</b>	<b>34,171</b>	<b>37,842</b>	<b>36,912</b>	<b>32,988</b>	<b>34,294</b>	<b>36,158</b>	

**DISCHARGE IN CUBIC FEET PER SECOND** Year: 2007  
**Total Flow via the Beardsley Canal**  
**(At Head of Lined Section)**

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	172	60	114	302	268	378	197	106	119	51	77
2	0	260	57	238	320	95	516	189	118	115	51	105
3	0	224	56	223	329	217	537	159	157	96	51	112
4	0	177	61	148	221	286	480	135	167	91	53	118
5	0	207	69	154	104	282	465	270	90	80	57	126
6	0	149	129	162	106	304	427	328	133	74	56	133
7	0	160	145	102	187	283	270	319	135	111	72	97
8	0	143	210	100	242	219	352	234	105	111	73	75
9	0	139	229	119	204	113	453	159	114	121	55	91
10	0	168	201	177	188	159	610	133	153	140	57	82
11	0	164	210	186	95	307	533	128	203	132	85	80
12	0	212	195	198	66	391	603	277	183	100	55	83
13	0	208	148	147	129	385	349	203	112	95	50	83
14	0	210	80	112	188	368	188	200	117	97	52	77
15	48	167	32	127	170	306	431	190	142	91	47	65
16	146	123	55	142	185	168	448	136	160	89	52	64
17	151	90	44	157	201	257	453	106	173	116	49	68
18	149	115	62	155	182	378	450	91	144	101	34	108
19	174	113	229	135	68	502	272	127	123	87	41	92
20	173	158	214	153	107	553	261	115	118	64	45	85
21	191	183	209	159	189	532	197	107	94	48	50	91
22	185	208	223	165	219	538	329	113	87	85	34	57
23	150	211	259	114	218	338	321	141	97	75	31	22
24	161	205	226	95	221	426	358	216	95	78	45	15
25	161	202	196	93	162	499	384	193	80	67	34	47
26	149	192	179	83	88	538	347	227	96	53	34	49
27	157	187	137	115	176	533	288	238	72	63	29	56
28	152	156	106	147	250	474	194	185	77	88	43	88
29	145	-	115	138	298	465	397	164	86	80	66	91
30	137	-	117	180	328	314	362	178	118	74	68	93
31	139	-	109	-	336	-	233	171	-	131	-	83
<b>TOTAL</b>	<b>2,568</b>	<b>4,903</b>	<b>4,362</b>	<b>4,338</b>	<b>6,079</b>	<b>10,498</b>	<b>11,886</b>	<b>5,629</b>	<b>3,655</b>	<b>2,872</b>	<b>1,520</b>	<b>2,513</b>
<b>MAXIMUM DAY</b>	<b>191</b>	<b>260</b>	<b>259</b>	<b>238</b>	<b>336</b>	<b>553</b>	<b>610</b>	<b>328</b>	<b>203</b>	<b>140</b>	<b>85</b>	<b>133</b>
<b>MINIMUM DAY</b>	<b>0</b>	<b>90</b>	<b>32</b>	<b>83</b>	<b>66</b>	<b>95</b>	<b>188</b>	<b>91</b>	<b>72</b>	<b>48</b>	<b>29</b>	<b>15</b>
<b>MEAN</b>	<b>83</b>	<b>175</b>	<b>141</b>	<b>145</b>	<b>196</b>	<b>350</b>	<b>383</b>	<b>182</b>	<b>122</b>	<b>93</b>	<b>51</b>	<b>81</b>
<b>TOTAL AC. FT.</b>	<b>5,094</b>	<b>9,725</b>	<b>8,652</b>	<b>8,604</b>	<b>12,058</b>	<b>20,822</b>	<b>23,576</b>	<b>11,165</b>	<b>7,249</b>	<b>5,697</b>	<b>3,015</b>	<b>4,984</b>
<b>WHOLE YEAR:-</b>	<b>TOTAL,</b>	<b>60,823</b>	<b>MAX.,</b>	<b>610</b>	<b>MIN.,</b>	<b>0</b>	<b>MEAN,</b>	<b>167</b>	<b>TOTAL AC.FT.,</b>	<b>120,641</b>		

Year: 2007

Oilfield Discharge Diverted via Beardsley Canal (Total Flow)

DISCHARGE IN CUBIC FEET PER SECOND

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

Total Diverted via  
Cross Valley Canal Conduit "A"  
Year: 2007

DISCHARGE IN CUBIC FEET PER SECOND

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	0	0	0	0	72	23	22	0	0	0	0
2	0	0	0	0	0	134	23	22	0	0	0	0
3	0	0	0	0	0	168	23	22	0	0	0	0
4	0	0	0	0	0	168	23	10	0	0	0	0
5	0	0	0	0	0	168	23	0	0	0	0	0
6	0	0	0	0	0	94	23	0	0	0	0	0
7	0	0	0	0	51	94	23	0	0	0	0	0
8	0	0	0	0	72	94	23	0	0	0	0	0
9	0	0	0	0	72	94	23	0	0	0	0	0
10	0	0	0	0	72	94	23	0	0	0	0	0
11	0	0	0	0	72	94	23	0	0	0	0	0
12	0	0	0	0	72	165	10	0	0	0	0	0
13	0	0	0	0	72	168	0	0	0	0	0	0
14	0	0	0	0	72	97	0	0	0	0	0	0
15	0	0	0	0	72	23	0	0	0	0	0	0
16	0	0	0	0	72	23	0	0	0	0	0	0
17	61	0	0	0	76	23	0	0	0	0	0	0
18	112	0	0	0	112	21	0	0	0	0	0	0
19	82	0	0	0	112	19	15	0	0	0	0	0
20	64	0	0	0	112	23	23	0	0	0	0	0
21	64	0	0	0	112	23	23	0	0	0	0	0
22	64	0	0	0	127	23	23	0	0	0	0	0
23	64	0	0	0	135	23	23	0	0	0	0	0
24	40	0	0	0	135	23	23	0	0	0	0	0
25	22	0	0	0	135	23	23	0	0	0	0	0
26	22	0	0	0	94	23	23	0	0	0	0	0
27	22	0	0	0	72	23	23	0	0	0	0	0
28	22	0	0	0	72	23	23	0	0	0	0	0
29	44	-	0	0	72	20	23	0	0	0	0	0
30	65	-	0	0	72	23	23	0	0	0	0	0
31	66	-	0	-	72	-	23	0	-	0	-	0
<b>TOTAL</b>	814	0	0	0	2,209	2,063	554	76	0	0	0	0
<b>MAXIMUM DAY</b>	112	0	0	0	135	168	23	22	0	0	0	0
<b>MINIMUM DAY</b>	0	0	0	0	0	19	0	0	0	0	0	0
<b>MEAN</b>	26	0	0	0	71	69	18	2	0	0	0	0
<b>TOTAL AC. FT.</b>	1,615	0	0	0	4,381	4,092	1,099	151	0	0	0	0
<b>WHOLE YEAR:-</b>	<b>TOTAL,</b>	<b>5,716</b>	<b>MAX.,</b>	<b>168</b>	<b>MIN.,</b>	<b>0</b>	<b>MEAN,</b>	<b>16</b>	<b>TOTAL AC.FT.,</b>	<b>11,338</b>		

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

Year: 2007

Quantities in acre-feet

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
Kern River	5,094	9,725	8,652	8,604	12,058	20,822	23,576	11,165	7,249	5,697	3,015	4,984	120,641
C.V.C. Conduit "A"	1,615	0	0	0	4,381	4,092	1,099	151	0	0	0	0	11,338
<b>+ TOTAL BEARDSLEY CANAL SUPPLY</b>	<b>6,709</b>	<b>9,725</b>	<b>8,652</b>	<b>8,604</b>	<b>16,439</b>	<b>24,914</b>	<b>24,675</b>	<b>11,316</b>	<b>7,249</b>	<b>5,697</b>	<b>3,015</b>	<b>4,984</b>	<b>131,979</b>
ID4 via C.V.C. Conduit "A" (Reverse Flow)	0	0	0	0	0	0	0	0	2,293	2,013	1,680	893	6,879
Lined Section Loss	0	0	0	0	0	0	0	0	50	61	60	38	209
<b>- Improvement District No. 4 Diverted</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,343</b>	<b>2,074</b>	<b>1,740</b>	<b>931</b>	<b>7,088</b>
Kern River Supply	0	0	0	0	0	0	0	0	2,343	2,074	1,740	931	7,088
KRC & Irr. Co. # 1 Lateral (Total Flow)	0	0	0	0	0	0	0	0	0	0	0	0	0
KRC & Irr. Co. # 4 Lateral	31	77	204	222	242	471	535	476	494	255	242	247	3,496
KRC & Irr. Co. # 5 Lateral	0	34	36	69	0	56	56	100	39	0	0	40	430
KRC & Irr. Co. Bidart Boosters	26	95	227	252	294	288	266	204	214	90	95	30	2,081
KRC & Irr. Co. via 1-0-20	0	0	0	0	0	0	0	0	0	0	0	0	0
KRC & Irr. Co. via 1-0-80	0	0	0	0	0	0	0	0	0	0	0	0	0
Lined Section Loss	20	54	61	58	61	60	61	61	36	30	30	42	574
<b>- TOTAL KRC &amp; IRR. CO. DIVERTED</b>	<b>77</b>	<b>260</b>	<b>528</b>	<b>601</b>	<b>597</b>	<b>875</b>	<b>918</b>	<b>841</b>	<b>783</b>	<b>375</b>	<b>367</b>	<b>359</b>	<b>6,581</b>
Kern River Supply	77	260	528	601	597	875	918	841	783	375	367	359	6,581
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"	1,527	1,208	2,636	2,180	5,554	8,489	8,741	5,747	1,497	634	0	591	38,804
Cawelo WD Lerdo Turnout Deliveries	46	127	318	332	467	866	645	891	436	399	30	0	4,557
Via North Kern WSD	0	0	0	0	0	0	0	0	0	0	0	0	0
Lined Section Loss	30	42	61	60	61	60	61	61	60	38	10	18	562
Lerdo Canal Loss	12	18	32	28	66	103	101	75	26	10	0	6	477
<b>- TOTAL CAWEL0 WD DIVERTED</b>	<b>1,615</b>	<b>1,395</b>	<b>3,047</b>	<b>2,600</b>	<b>6,148</b>	<b>9,518</b>	<b>9,548</b>	<b>6,774</b>	<b>2,019</b>	<b>1,081</b>	<b>40</b>	<b>615</b>	<b>44,400</b>
Kern River Supply	0	1,395	3,047	2,600	1,767	4,092	8,449	6,623	2,019	1,081	40	615	31,728
C.V.C. Conduit "A" Supply	1,615	0	0	0	4,381	5,426	1,099	151	0	0	0	0	12,672
Rosedale Ranch ID Diverted	0	188	0	0	0	0	0	0	0	0	0	0	188
Kern River Supply	0	188	0	0	0	0	0	0	0	0	0	0	188
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	52	72	61	62	61	60	61	61	34	54	70	85	733
<b>= NKWSD FROM LERDO CANAL</b>	<b>4,965</b>	<b>7,810</b>	<b>5,016</b>	<b>5,341</b>	<b>9,633</b>	<b>14,461</b>	<b>14,148</b>	<b>3,640</b>	<b>2,070</b>	<b>2,113</b>	<b>798</b>	<b>2,994</b>	<b>72,989</b>
Kern River Supply	5,017	7,882	5,077	5,403	9,694	14,521	14,209	3,701	2,104	2,167	868	3,079	73,722
C.V.C. Conduit "A" Supply	0	0	0	0	0	0	0	0	0	0	0	0	0

Year: 2007

Lerdo Canal at Seventh Standard Line (Total Flow)

DISCHARGE IN CUBIC FEET PER SECOND

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	164	51	107	292	329	384	208	91	70	9	42
2	0	253	47	212	313	216	526	200	103	67	9	73
3	0	216	46	197	321	373	548	171	138	50	10	76
4	0	170	52	123	207	443	490	136	147	53	13	80
5	0	196	53	132	90	432	476	259	70	40	12	93
6	0	138	113	144	97	382	431	306	76	34	15	99
7	0	154	130	83	228	365	272	300	71	74	34	65
8	0	136	194	87	304	300	350	216	32	73	28	45
9	0	134	212	101	265	190	452	138	43	73	11	61
10	0	164	190	165	251	239	598	110	77	102	18	45
11	0	161	201	171	157	386	520	106	129	87	50	43
12	0	207	184	182	128	539	581	260	115	50	19	48
13	0	200	136	138	191	537	322	186	45	50	12	48
14	0	206	63	105	248	443	169	184	74	50	17	42
15	45	159	16	119	230	311	413	173	82	58	9	37
16	142	118	39	134	245	172	432	123	103	52	14	32
17	209	86	39	149	264	265	437	93	97	80	16	37
18	257	111	56	148	282	375	433	80	87	52	0	79
19	253	106	217	127	169	500	271	115	65	47	7	78
20	234	150	206	145	209	552	268	100	57	25	13	77
21	249	176	202	153	291	529	207	91	20	12	15	84
22	244	196	214	162	335	539	339	97	39	52	0	50
23	210	204	251	106	343	340	332	122	54	33	0	15
24	198	200	220	84	340	435	369	197	28	33	18	8
25	177	197	190	83	280	510	396	175	19	17	2	40
26	166	186	172	72	170	551	360	214	37	12	0	37
27	176	179	132	102	236	538	300	223	21	23	0	46
28	171	148	98	139	307	480	208	170	22	51	7	80
29	180	-	105	130	355	468	411	149	31	41	25	84
30	193	-	105	174	384	321	375	162	59	39	35	86
31	198	-	100	-	393	-	245	155	-	90	-	80
TOTAL	3,302	4,715	4,034	3,974	7,925	12,060	11,915	5,219	2,032	1,590	418	1,810
MAXIMUM DAY	257	253	251	212	393	552	598	306	147	102	50	99
MINIMUM DAY	0	86	16	72	90	172	169	80	19	12	0	8
MEAN	107	168	130	132	256	402	384	168	68	51	14	58
TOTAL AC. FT.	6,550	9,351	8,002	7,881	15,720	23,919	23,635	10,353	4,029	3,156	828	3,591
WHOLE YEAR:-	TOTAL,	58,994	MAX.,	598	MIN.,	0	MEAN,	162	TOTAL AC.FT.,	117,015		

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

Year: 2007

Quantities in acre-feet

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
<b>Total Beardsley Canal Supply</b>	<b>6,709</b>	<b>9,725</b>	<b>8,652</b>	<b>8,604</b>	<b>16,439</b>	<b>24,914</b>	<b>24,675</b>	<b>11,316</b>	<b>7,249</b>	<b>5,697</b>	<b>3,015</b>	<b>4,984</b>	<b>131,979</b>
+ C.V.C. Conduit "A" Reverse Flow	0	0	0	0	0	0	0	0	2,293	2,013	1,680	893	6,879
+ Lined Section Loss: ID4	0	0	0	0	0	0	0	0	50	61	60	38	209
<b>= ID4 from Beardsley</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,343</b>	<b>2,074</b>	<b>1,740</b>	<b>931</b>	<b>7,088</b>
+ KRC & Irr. Co. Laterals	31	111	240	291	242	527	591	576	533	255	242	287	3,926
+ KRC & Irr. Co. Boosters	26	95	227	252	294	288	266	204	214	90	95	30	2,081
+ Lined Section Loss: KRC & Irr. Co.	20	54	61	58	61	60	61	61	36	30	30	42	574
<b>= KRC &amp; Irr. Co. from Beardsley</b>	<b>77</b>	<b>260</b>	<b>528</b>	<b>601</b>	<b>597</b>	<b>875</b>	<b>918</b>	<b>841</b>	<b>783</b>	<b>375</b>	<b>367</b>	<b>359</b>	<b>6,581</b>
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	30	42	61	60	61	60	61	61	60	38	10	18	562
Lined Section Loss: NKWSD	52	72	61	62	61	60	61	61	34	54	70	85	733
<b>Lerdo Canal Total Flow</b>	<b>6,550</b>	<b>9,351</b>	<b>8,002</b>	<b>7,881</b>	<b>15,720</b>	<b>23,919</b>	<b>23,635</b>	<b>10,353</b>	<b>4,029</b>	<b>3,156</b>	<b>828</b>	<b>3,591</b>	<b>117,015</b>
KRC & Irr. Co. via 8-1-0	0	0	0	0	0	0	0	0	0	0	0	0	0
City via 8-1-0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rosedale Ranch ID via Lerdo	0	188	0	0	0	0	0	0	0	0	0	0	188
K-TWD/RGWD via 8-17-0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cawelo WD Well Water Inflow	0	0	0	48	167	108	137	69	137	50	276	34	1,026
+ Cawelo WD Via NKWSD	0	0	0	0	0	0	0	0	0	0	0	0	0
+ Cawelo WD Delivered at Sta. "B"	1,527	1,208	2,636	2,180	5,554	8,489	8,741	5,747	1,634	634	0	591	38,941
+ Cawelo WD Lerdo Turnouts	46	127	318	380	634	974	782	960	436	449	306	34	5,446
+ Lerdo Loss: to Station "B"	11	15	26	22	56	85	87	57	16	6	0	6	387
+ Lerdo Loss: Lerdo Turnout Deliveries	1	3	6	6	10	18	14	18	10	4	0	0	90
<b>= Cawelo WD Total from Lerdo</b>	<b>1,585</b>	<b>1,353</b>	<b>2,986</b>	<b>2,588</b>	<b>6,254</b>	<b>9,566</b>	<b>9,624</b>	<b>6,782</b>	<b>2,096</b>	<b>1,093</b>	<b>306</b>	<b>631</b>	<b>44,864</b>
<b>North Kern WSD from Lerdo</b>	<b>4,965</b>	<b>7,810</b>	<b>5,016</b>	<b>5,341</b>	<b>9,633</b>	<b>14,461</b>	<b>14,148</b>	<b>3,640</b>	<b>2,070</b>	<b>2,113</b>	<b>798</b>	<b>2,994</b>	<b>72,989</b>

Year: 2007

Total Flow via the Calloway Canal Headgate

DISCHARGE IN CUBIC FEET PER SECOND

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	21	26	29	45	53	0	0	0	0	0	0	0
2	34	26	27	35	48	0	0	0	0	0	0	0
3	32	31	29	40	43	0	0	0	0	0	0	0
4	29	31	32	38	37	0	0	0	0	0	0	0
5	35	28	30	38	43	0	0	0	0	0	0	0
6	27	26	31	38	45	0	0	0	0	0	0	0
7	27	26	35	39	52	0	0	0	0	0	0	0
8	27	34	36	36	46	0	0	0	0	0	0	0
9	27	25	37	42	56	0	0	0	0	0	0	0
10	29	31	33	38	52	0	0	0	0	0	0	0
11	29	25	36	35	53	0	0	0	0	0	0	0
12	31	26	39	31	53	0	0	0	0	0	0	0
13	32	27	44	42	18	0	0	0	0	0	0	0
14	29	21	35	36	0	0	0	0	0	0	0	0
15	20	24	45	25	0	0	0	0	0	0	0	0
16	34	25	40	30	0	0	0	0	0	0	0	0
17	34	30	41	29	0	0	0	0	0	0	0	0
18	35	22	47	30	0	0	0	0	0	0	0	0
19	32	26	43	31	0	0	0	0	0	0	0	16
20	31	25	34	26	0	0	0	0	0	0	0	25
21	28	25	25	33	0	0	0	0	0	0	0	26
22	34	31	33	27	0	0	0	0	0	0	0	23
23	28	24	35	31	0	0	0	0	0	0	0	22
24	29	22	39	35	0	0	0	0	0	0	0	23
25	29	23	45	44	0	0	0	0	0	0	0	22
26	30	29	32	44	0	0	0	0	0	0	0	22
27	28	24	31	41	0	0	0	0	0	0	0	25
28	31	17	24	46	0	0	0	0	0	0	0	25
29	18	-	34	51	0	0	0	0	0	0	0	25
30	34	-	33	51	0	0	0	0	0	0	0	22
31	30	-	44	-	0	-	0	0	-	0	-	25
TOTAL	914	730	1,098	1,107	599	0	0	0	0	0	0	301
MAXIMUM DAY	35	34	47	51	56	0	0	0	0	0	0	26
MINIMUM DAY	18	17	24	25	0	0	0	0	0	0	0	0
MEAN	29	26	35	37	19	0	0	0	0	0	0	10
TOTAL AC. FT.	1,813	1,448	2,178	2,196	1,188	0	0	0	0	0	0	598
WHOLE YEAR:-	TOTAL,	4,749	MAX.,	56	MIN.,	0	MEAN,	13	TOTAL AC.FT.,	9,421		

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

Year: 2007

Quantities in acre-feet

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
<b>FLOW AT HEADWORKS</b>	<b>+</b>	<b>1,813</b>	<b>1,448</b>	<b>2,178</b>	<b>2,196</b>	<b>1,188</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>598</b>	<b>9,421</b>
KCWA Armco Turnout	-	1,686	1,337	2,064	1,117	0	0	0	0	0	0	522	8,779
Seepage Loss	-	127	111	123	65	0	0	0	0	0	0	58	614
<b>FLOW AT MEASURING STATION</b>	<b>=</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>2</b>	<b>6</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>18</b>	<b>28</b>
CVC Turnout to Calloway	+	0	0	0	0	0	0	0	0	0	0	0	0
Seepage Loss	-	0	0	2	2	6	0	0	0	0	0	18	28
<b>FLOW AT BUCK OWENS WEIR</b>	<b>=</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Friant-Kern Inflow	+	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
KRC & Irr. Co. Calloway Delivery	-	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
<b>FLOW AT OLIVE DRIVE WEIR</b>	<b>=</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
KRC & Irr. Co. Calloway Delivery	-	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
Seepage Loss	-	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
<b>FLOW AT SEVENTH STANDARD LINE</b>	<b>=</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
for Rosedale Ranch ID	-	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

**KERN COUNTY WATER AGENCY / ID4:**

Operating Loss	+	167	149	171	178	85	0	0	0	0	0	72	822
Turnout #4 to River	+	0	0	0	0	0	0	0	0	0	0	0	0
ID4 Treatment Plant	+	1,646	1,299	2,005	2,016	1,097	0	0	0	0	0	508	8,571
Gross Valley Canal Filling Losses	+	0	0	0	0	0	0	0	0	0	0	0	0
CVC Backflow (Net)	+	0	0	0	0	0	0	0	0	0	0	0	0
Spreading Below Measuring Station	+	0	0	2	2	6	0	0	0	0	0	18	28
<b>TOTAL DIVERTED</b>	<b>=</b>	<b>1,813</b>	<b>1,448</b>	<b>2,178</b>	<b>2,196</b>	<b>1,188</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>598</b>	<b>9,421</b>

**KERN RIVER CANAL & IRRIGATING CO.:**

Calloway Irrigation Deliveries	+	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
<b>TOTAL DIVERTED</b>	<b>=</b>	0	0	0	0	0	0	0	0	0	0	0	<b>0</b>

**ROSEDALE RANCH ID:**

Flow at Headworks	+	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
Assigned Loss	+	0	0	0	0	0	0	0	0	0	0	0	0
<b>TOTAL DIVERTED</b>	<b>=</b>	<b>0</b>	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
Total Loss	+	0	0	0	0	0	0	0	0	0	0	0	0
<b>TOTAL DIVERTED</b>	<b>=</b>	0	0	0	0	0	0	0	0	0	0	0	<b>0</b>

Year: 2007

Total Diverted to Rosedale Ranch Improvement District

DISCHARGE IN CUBIC FEET PER SECOND

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	6	0	0	0	0	0	0	0	0	0	0
2	0	9	0	0	0	0	0	0	0	0	0	0
3	0	9	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	7	0	0	0	0	0	0	0	0	0	0
6	0	7	0	0	0	0	0	0	0	0	0	0
7	0	9	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	3	0	0	0	0	0	0	0	0	0	0
17	0	3	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	6	0	0	0	0	0	0	0	0	0	0
21	0	6	0	0	0	0	0	0	0	0	0	0
22	0	6	0	0	0	0	0	0	0	0	0	0
23	0	6	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	6	0	0	0	0	0	0	0	0	0	0
27	0	6	0	0	0	0	0	0	0	0	0	0
28	0	6	0	0	0	0	0	0	0	0	0	0
29	0	-	0	0	0	0	0	0	0	0	0	0
30	0	-	0	0	0	0	0	0	0	0	0	0
31	0	-	0	-	0	-	0	0	-	0	-	0
TOTAL	0	95	0	0	0	0	0	0	0	0	0	0
MAXIMUM DAY	0	9	0	0	0	0	0	0	0	0	0	0
MINIMUM DAY	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	3	0	0	0	0	0	0	0	0	0	0
TOTAL AC. FT.	0	188	0	0	0	0	0	0	0	0	0	0
WHOLE YEAR:-	TOTAL,	95	MAX.,	9	MIN.,	0	MEAN,	0	TOTAL AC.FT.,	188		

**ROSEDALE RANCH IMPROVEMENT DISTRICT**

Year: 2007

Quantities in acre-feet

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
<b>TOTAL DIVERTED</b>													
+	0	188	0	0	0	0	0	0	0	0	0	0	188
-	0	0	0	0	0	0	0	0	0	0	0	0	0
RRID via NKWSD 5-7 Lateral	0	188	0	0	0	0	0	0	0	0	0	0	188
RRID via NKWSD 5-21 Lateral	0	0	0	0	0	0	0	0	0	0	0	0	0
Upstream Diversion Loss	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>IRRIGATION DELIVERIES</b>													
+	0	188	0	0	0	0	0	0	0	0	0	0	188
-	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	188	0	0	0	0	0	0	0	0	0	0	188
NKWSD Non-Kern River	0	0	0	0	0	0	0	0	0	0	0	0	0
Mandatory Release	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>LOSS &amp; SPREADING</b>													
+	0	0	0	0	0	0	0	0	0	0	0	0	0
-	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 Non-Kern River	0	0	0	0	0	0	0	0	0	0	0	0	0
Mandatory Release	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>RECHARGE PURCHASE PROGRAM</b>													
+	0	0	0	0	0	0	0	0	0	0	0	0	0
-	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
<b>NKWSD/RRID EXCHANGE STATUS</b>													
+	0	0	0	0	0	0	0	0	0	0	0	0	0
-	0	188	0	0	0	0	0	0	0	0	0	0	188
RRID to NKWSD	0	0	0	0	0	0	0	0	0	0	0	0	0
NKWSD to RRID	0	188	0	0	0	0	0	0	0	0	0	0	188
<b>Exchange Balance</b>	<b>(6,238)</b>	<b>(6,426)</b>	(6,426)	(6,426)	(6,426)	(6,426)	(6,426)	(6,426)	(6,426)	(6,426)	(6,426)	(6,426)	(6,426)

North Kern Water Storage District  
Class 1 Irrigation Deliveries

Year: 2007

DISCHARGE IN CUBIC FEET PER SECOND

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	37	39	30	192	254	173	188	158	132	48	16
2	0	42	60	138	181	276	339	216	31	156	61	3
3	0	33	46	166	128	154	327	252	146	155	27	25
4	0	3	32	164	128	248	334	240	143	116	4	30
5	2	37	65	130	182	286	289	103	166	152	52	22
6	1	45	88	181	54	312	295	211	142	124	40	43
7	0	60	72	81	203	216	290	174	112	39	64	15
8	1	73	106	34	223	144	166	147	101	109	55	10
9	1	75	148	173	195	184	331	136	40	108	61	7
10	4	71	95	200	167	104	337	227	133	129	27	17
11	0	20	47	172	115	290	256	201	152	135	3	12
12	0	50	85	122	147	270	234	111	114	170	45	16
13	0	65	92	131	58	254	291	158	104	112	67	9
14	0	51	75	123	254	247	260	190	142	43	74	13
15	5	46	120	25	214	208	112	136	140	113	40	12
16	1	53	122	144	250	262	289	149	57	95	11	12
17	0	37	88	143	175	103	353	168	101	74	5	15
18	9	43	44	135	175	252	331	183	129	91	2	15
19	7	38	152	108	193	331	291	77	81	46	19	10
20	7	55	134	82	100	286	268	208	145	76	9	17
21	3	60	114	63	219	360	209	159	83	7	9	24
22	4	61	123	25	237	324	132	184	38	97	0	10
23	11	66	93	111	180	294	224	143	17	135	5	10
24	21	45	55	173	188	122	213	187	84	128	2	0
25	38	28	32	152	185	320	195	172	163	106	0	0
26	30	37	112	135	236	329	260	71	134	107	12	20
27	3	35	108	163	118	346	274	167	147	51	33	32
28	3	43	119	91	343	278	253	142	108	13	26	33
29	28	-	86	25	210	259	173	192	85	58	31	31
30	39	-	56	233	220	262	235	120	24	65	24	2
31	56	-	79	-	263	-	225	122	-	70	-	5
TOTAL	274	1,309	2,687	3,653	5,733	7,575	7,959	5,134	3,220	3,012	856	486
MAXIMUM DAY	56	75	152	233	343	360	353	252	166	170	74	43
MINIMUM DAY	0	3	32	25	54	103	112	71	17	7	0	0
MEAN	9	47	87	122	185	253	257	166	107	97	29	16
TOTAL AC. FT.	544	2,596	5,330	7,245	11,371	15,025	15,786	10,183	6,387	5,974	1,698	964
WHOLE YEAR:-	TOTAL,	41,898	MAX.,	360	MIN.,	0	MEAN,	115	TOTAL AC.FT.,	83,103		

North Kern Water Storage District  
Class 2 Irrigation Deliveries  
Year: 2007

DISCHARGE IN CUBIC FEET PER SECOND

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	59	43	31	132	161	74	96	71	95	18	14
2	0	44	53	107	136	129	149	97	21	54	14	16
3	0	19	34	120	108	72	172	109	58	47	10	20
4	0	5	16	104	144	147	189	150	112	50	5	35
5	0	20	34	107	127	169	149	58	118	59	49	35
6	0	38	63	119	25	181	130	145	70	107	60	35
7	11	33	52	72	234	202	164	148	33	38	70	0
8	12	35	78	16	103	151	80	138	65	81	44	0
9	16	32	119	80	111	151	155	105	29	104	31	0
10	16	21	63	110	97	47	171	107	66	81	20	0
11	16	36	20	121	125	167	180	84	100	75	2	0
12	14	36	74	80	110	177	148	72	131	64	43	9
13	14	50	83	90	34	185	143	95	128	21	43	0
14	10	11	94	92	119	194	169	128	109	28	42	12
15	7	42	97	24	173	158	48	80	82	55	28	11
16	5	56	85	94	109	139	137	90	35	77	27	13
17	4	33	45	139	126	53	124	86	69	63	13	19
18	14	20	17	107	147	151	99	80	65	90	3	13
19	13	55	80	134	122	139	150	34	70	80	9	13
20	4	60	78	97	58	153	138	82	96	73	9	13
21	6	48	72	84	119	236	188	102	74	0	5	8
22	6	53	26	23	136	184	17	69	76	42	0	8
23	13	44	27	61	127	120	91	83	23	52	7	7
24	14	36	41	92	138	54	30	110	51	55	4	0
25	26	27	24	95	146	170	90	118	60	44	0	0
26	24	69	55	113	90	151	96	56	56	37	3	8
27	19	63	85	124	41	191	85	80	38	18	0	9
28	12	55	102	88	141	162	73	89	78	4	2	9
29	31	-	109	26	144	196	14	68	104	36	0	0
30	45	-	138	93	182	131	70	61	23	30	6	0
31	62	-	101	-	159	-	75	95	-	29	-	0
<b>TOTAL</b>	414	1,100	2,008	2,643	3,763	4,521	3,598	2,915	2,111	1,689	567	307
<b>MAXIMUM DAY</b>	62	69	138	139	234	236	189	150	131	107	70	35
<b>MINIMUM DAY</b>	0	5	16	16	25	47	14	34	21	0	0	0
<b>MEAN</b>	13	39	65	88	121	151	116	94	70	54	19	10
<b>TOTAL AC. FT.</b>	821	2,182	3,983	5,242	7,464	8,967	7,137	5,782	4,188	3,350	1,125	609
<b>WHOLE YEAR:-</b>	<b>TOTAL,</b>	<b>25,636</b>	<b>MAX.,</b>	<b>236</b>	<b>MIN.,</b>	<b>0</b>	<b>MEAN,</b>	<b>70</b>	<b>TOTAL AC.FT.,</b>	<b>50,850</b>		

Year: 2007

Poso Creek as Measured at Highway "99" (Total Flow)

DISCHARGE IN CUBIC FEET PER SECOND

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

# NORTH KERN WATER STORAGE DISTRICT STATUS OF EXCHANGE

Year: 2007

Quantities in acre-feet

	NICKEL LLC		CAWELO WD		IMPROVEMENT DISTRICT NO.4		KERN-TULARE WD		RAG GULCH WD		ROSEDALE RANCH ID		SUN WORLD		PARAMOUNT FARMING CO.		SEMITROPIC WSD		SHAFTER-WASCO ID		WEST KERN WD		WESTLANDS WD		POSO LLC		DELANO-EARLMART ID		
	to	from	to	from	to	from	to	from	to	from	to	from	to	from	to	from	to	from	to	from	to	from	to	from	to	from	to	from	
Prior Year Status	0	8,393	0	2,536	0	60,998	0	21,000	0	9,000	6,238	0	0	3,989	0	40,250	0	8,116	0	27,154	0	21,500	0	0	0	0	0	0	15,579
January	0	0	0	2,162	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11,020	
February	0	0	0	1,567	0	0	0	0	0	0	188	0	0	0	0	0	28	0	0	0	0	0	0	6,574	0	8,262	0	7	
March	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	0	52	0	0	0	0	0	0	0	649	0	
April	0	0	0	1,722	0	0	0	0	0	0	0	0	0	0	0	0	0	0	383	0	0	0	0	0	0	0	1,047	0	
May	0	0	0	1,367	0	545	0	545	0	295	0	0	0	0	0	0	0	0	410	0	0	0	0	0	0	0	0	0	
June	0	0	0	0	0	574	0	574	0	197	0	0	0	0	0	0	0	0	359	0	0	0	0	0	0	0	0	0	
July	0	0	0	82	4,709	813	0	813	0	320	0	0	0	0	0	0	0	0	435	0	0	0	0	0	0	0	0	0	
August	0	0	0	268	1,930	259	0	259	0	901	0	0	0	0	0	1,713	0	0	22	0	0	0	0	0	0	0	0	2,060	0
September	0	0	0	265	1,807	220	0	220	0	0	0	0	0	0	0	356	0	0	220	0	0	0	0	0	0	0	0	1,317	0
October	0	528	357	271	0	0	0	0	0	0	0	0	0	0	0	1,085	0	0	210	0	0	0	0	0	0	0	0	1,429	0
November	0	0	40	1,167	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
December	0	615	0	2,672	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	1,183	357	11,743	8,446	2,411	0	18,589	0	1,713	0	188	0	3,989	0	3,154	38	0	2,091	0	0	0	10,000	0	8,262	6,502	11,027		

Current Status																													
0	8,393	0	1,710	0	57,701	0	18,589	0	7,287	6,426	0	0	3,989	0	43,404	0	8,078	0	25,063	0	21,500	0	10,000	0	8,262	0	20,104		

Note: 1) Figures reflect 90% of gross water delivered as per Section 2.04 (c) of the September 1, 2006 Agreement for Groundwater Banking by and between North Kern Water Storage District and Delano-Earlimart Irrigation District.  
 2) Includes Isabella Reservoir evaporation loss attributable to exchange supply held within North Kern WSD Isabella Reservoir storage when applicable.

# NORTH KERN WATER STORAGE DISTRICT

## **IMPROVEMENT DISTRICT NO. 4 WATER EXCHANGE SUMMARY**

Status as of 12-31-2007

Quantities in acre-feet

<b>Pursuant to North Kern WSD/Improvement District #4 Accounting Agreement Dated March 1, 1995</b>								
<b>CATEGORY "A"</b>				<b>CATEGORY "B"</b>				<b>Overall Exchange Balance</b>
<b>Date</b>	<b>NKWS to ID4</b>	<b>ID4 to NKWS</b>	<b>Cumulative Exchange Balance</b>	<b>Date</b>	<b>NKWS to ID4</b>	<b>ID4 to NKWS</b>	<b>Cumulative Exchange Balance</b>	
1988	12,163	7,796	4,367	1988	0	0	0	4,367
1989	0	0	4,367	1989	0	0	0	4,367
1990	0	1,630	2,737	1990	0	0	0	2,737
1991	0	261	2,476	1991	395	0	395	2,871
1992	0	0	2,476	1992	0	0	395	2,871
1993	12,557	9,434	5,599	1993	0	0	395	5,994
1994	0	0	5,599	1994	0	0	395	5,994
1995	0	8,635	(3,036)	1995	0	0	395	(2,641)
1996	0	0	(3,036)	1996	0	0	395	(2,641)
1997	3,882	0	846	1997	0	0	395	1,241
1998	4,323	0	5,169	1998	0	0	395	5,564
1999	3,748	64,000	(55,083)	1999	0	0	395	(54,688)
2000	4,629	10,000	(60,454)	2000	14,240	11,921	2,714	(57,740)
2001	12,401	0	(48,053)	2001	0	2,714	0	(48,053)
2002	25,110	0	(22,943)	2002	16,491	17,664	(1,173)	(24,116)
2003	12,473	0	(10,470)	2003	1,462	916	(627)	(11,097)
2004	1,995	0	(8,475)	2004	627	0	0	(8,475)
2005	1,840	3,786	(10,421)	2005	11,100	11,100	0	(10,421)
2006	103	14,517	(24,835)	2006	339	879	(540)	(25,375)
2007	3,729	0	(21,106)	2007	0	0	(540)	(21,646)
<b>Totals</b>	<b>98,953</b>	<b>120,059</b>		<b>Totals</b>	<b>44,654</b>	<b>45,194</b>		

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

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

Year: 2007

**DISCHARGE IN CUBIC FEET PER SECOND**

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	40	13	0	0	65	0	0	0	0	0	0	29
2	39	15	0	0	58	0	0	0	0	0	0	26
3	39	12	0	0	48	0	0	0	0	0	0	26
4	40	13	0	0	43	0	0	0	0	0	0	29
5	43	24	0	0	49	0	0	0	0	0	0	27
6	32	49	0	0	49	0	0	0	0	0	0	27
7	37	0	0	0	60	0	0	0	0	0	0	26
8	43	0	0	0	55	0	0	0	0	0	0	24
9	40	0	0	0	66	0	0	0	0	0	0	24
10	39	0	0	0	56	0	0	0	0	0	0	27
11	39	0	0	48	59	0	0	0	0	0	0	26
12	39	0	0	42	60	0	0	0	0	0	18	25
13	34	0	0	50	21	0	0	0	0	0	30	25
14	36	0	0	46	0	0	0	0	0	0	29	24
15	26	0	0	35	0	0	0	0	0	0	32	59
16	45	0	0	36	0	0	0	0	0	0	28	75
17	46	0	0	37	0	0	0	0	0	0	27	81
18	44	0	0	36	0	0	0	0	0	0	28	126
19	39	0	0	40	0	0	0	0	0	0	28	96
20	40	0	0	33	0	0	0	0	0	0	23	50
21	38	55	0	38	0	0	0	0	0	0	25	43
22	41	103	0	33	0	0	0	0	0	0	27	38
23	38	103	0	35	0	0	0	0	0	0	27	53
24	38	103	0	39	0	0	0	0	0	0	21	57
25	41	103	0	51	0	0	0	0	0	0	25	59
26	38	101	0	49	0	0	0	0	0	0	27	50
27	38	74	0	47	0	0	0	0	0	0	23	58
28	38	22	0	52	0	0	0	0	0	0	25	55
29	0	-	0	62	0	0	0	0	0	0	29	52
30	0	-	0	59	0	0	0	0	0	0	27	48
31	0	-	0	-	0	-	0	0	-	0	-	51
<b>TOTAL</b>	1,090	790	0	868	689	0	0	0	0	0	499	1,416
<b>MAXIMUM DAY</b>	46	103	0	62	66	0	0	0	0	0	32	126
<b>MINIMUM DAY</b>	0	0	0	0	0	0	0	0	0	0	0	24
<b>MEAN</b>	35	28	0	29	22	0	0	0	0	0	17	46
<b>TOTAL AC. FT.</b>	2,162	1,567	0	1,722	1,367	0	0	0	0	0	991	2,810
<b>WHOLE YEAR:-</b>	<b>TOTAL,</b>	<b>5,352</b>	<b>MAX.,</b>	<b>126</b>	<b>MIN.,</b>	<b>0</b>	<b>MEAN,</b>	<b>15</b>	<b>TOTAL AC.FT.,</b>	<b>10,619</b>		

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

Year: 2007

DISCHARGE IN CUBIC FEET PER SECOND

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	0	0	0	0	0	0	46	21	0	0	0
2	0	0	0	0	0	0	0	41	31	0	0	0
3	0	0	0	0	0	0	0	27	55	0	0	0
4	0	0	0	0	0	0	0	20	66	0	0	0
5	0	0	0	0	0	0	0	82	42	0	0	0
6	0	0	0	0	0	0	0	83	51	0	0	0
7	0	0	0	0	0	0	0	79	40	0	0	0
8	0	0	0	0	0	0	0	40	15	0	0	0
9	0	0	0	0	0	0	0	10	28	0	0	0
10	0	0	0	0	0	212	9	56	56	0	0	0
11	0	0	0	0	0	177	13	113	113	0	0	0
12	0	0	0	0	0	220	91	93	93	0	0	0
13	0	0	0	0	0	89	25	25	25	0	0	0
14	0	0	0	0	0	14	16	3	3	0	0	0
15	0	0	0	0	0	146	17	13	13	0	0	0
16	0	0	0	0	0	151	12	26	26	0	0	0
17	0	0	0	0	0	134	0	28	28	0	0	0
18	0	0	0	0	0	131	0	47	47	0	0	0
19	0	0	0	0	0	56	18	48	48	0	0	0
20	0	0	0	0	0	51	0	40	40	0	0	0
21	0	0	0	0	0	43	0	0	0	0	0	0
22	0	0	0	0	0	117	0	23	23	0	0	0
23	0	0	0	0	0	86	9	39	39	0	0	0
24	0	0	0	0	0	130	23	8	8	0	0	0
25	0	0	0	0	0	135	19	0	0	0	0	0
26	0	0	0	0	0	120	54	0	0	0	0	0
27	0	0	0	0	0	69	53	0	0	0	0	0
28	0	0	0	0	0	12	45	0	0	0	0	0
29	0	-	0	0	0	120	27	0	0	0	0	0
30	0	-	0	0	0	105	34	0	0	0	0	0
31	0	-	0	-	0	56	80	-	-	0	-	0
TOTAL	0	0	0	0	0	2,374	973	911	911	0	0	0
MAXIMUM DAY	0	0	0	0	0	220	91	113	113	0	0	0
MINIMUM DAY	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	77	31	30	30	0	0	0
NET AC. FT.	0	0	0	0	0	4,709	1,930	1,807	1,807	0	0	0
AC. FT. LOSS	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL AC. FT.	0	0	0	0	0	4,709	1,930	1,807	1,807	0	0	0
WHOLE YEAR:-	TOTAL,	4,258	MAX.,	220	MIN.,	0	MEAN,	12	TOTAL AC.FT.,	8,446		

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

Year: 2007

DISCHARGE IN CUBIC FEET PER SECOND

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	37
8	0	0	0	0	0	0	0	0	0	0	0	37
9	0	0	0	0	0	0	0	0	0	0	0	38
10	0	0	0	0	0	0	0	0	0	8	0	37
11	0	0	0	0	0	0	0	0	0	17	0	0
12	0	0	0	0	0	0	0	0	0	17	5	0
13	0	0	0	0	0	0	0	0	0	17	0	0
14	0	0	0	0	0	0	0	0	0	18	8	0
15	0	0	0	0	0	0	0	0	0	17	2	0
16	0	0	0	0	0	0	0	0	0	17	2	0
17	0	0	0	0	0	0	0	0	0	18	3	0
18	0	0	0	0	0	0	0	0	0	18	0	18
19	0	0	0	0	0	0	0	0	0	18	0	37
20	0	0	0	0	0	0	0	0	0	22	0	38
21	0	0	0	0	0	0	0	0	0	11	0	37
22	0	0	0	0	0	0	0	0	0	12	0	31
23	0	0	0	0	0	0	0	0	0	12	0	0
24	0	0	0	0	0	0	0	0	0	16	0	0
25	0	0	0	0	0	0	0	0	0	19	0	0
26	0	0	0	0	0	0	0	0	0	9	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0
29	0	-	0	0	0	0	0	0	0	0	0	0
30	0	-	0	0	0	0	0	0	0	0	0	0
31	0	-	0	-	0	-	0	0	-	0	-	0
TOTAL	0	0	0	0	0	0	0	0	0	266	20	310
MAXIMUM DAY	0	0	0	0	0	0	0	0	0	22	8	38
MINIMUM DAY	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	9	1	10
TOTAL AC. FT.	0	0	0	0	0	0	0	0	0	528	40	615
WHOLE YEAR:-	TOTAL,	596	MAX.,	38	MIN.,	0	MEAN,	2	TOTAL AC.FT.,	1,183		

Cawelo Water District Diverted to North Kern Water Storage District  
(Reverse flow delivery via Cawelo WD Pump Station "D")

DISCHARGE IN CUBIC FEET PER SECOND

Year: 2007

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	8	0	0
11	0	0	0	0	0	0	0	0	0	17	0	0
12	0	0	0	0	0	0	0	0	0	17	0	0
13	0	0	0	0	0	0	0	0	0	17	0	0
14	0	0	0	0	0	0	0	0	0	18	0	0
15	0	0	0	0	0	0	0	0	0	17	0	0
16	0	0	0	0	0	0	0	0	0	17	0	0
17	0	0	0	0	0	0	0	0	0	18	0	0
18	0	0	0	0	0	0	0	0	0	18	0	0
19	0	0	0	0	0	0	0	0	0	18	0	0
20	0	0	0	0	0	0	0	0	0	15	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0
29	0	-	0	0	0	0	0	0	0	0	0	0
30	0	-	0	0	0	0	0	0	0	0	0	0
31	0	-	0	-	0	-	0	0	-	0	-	0
TOTAL	0	0	0	0	0	0	0	0	0	180	0	0
MAXIMUM DAY	0	0	0	0	0	0	0	0	0	18	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	6	0	0
TOTAL AC. FT.	0	0	0	0	0	0	0	0	0	357	0	0
WHOLE YEAR:-	TOTAL,	180	MAX.,	18	MIN.,	0	MEAN,	0	TOTAL AC.FT.,	357		

North Kern Water Storage District  
 Semitropic WSD Exchange Deliveries  
 Year: 2007

DISCHARGE IN CUBIC FEET PER SECOND

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	0	5	0	0	0	0	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	5	0	0	0	0	0	0	0	0	0	0
27	0	5	0	0	0	0	0	0	0	0	0	0
28	0	4	0	0	0	0	0	0	0	0	0	0
29	0	-	0	0	0	0	0	0	0	0	0	0
30	0	-	0	0	0	0	0	0	0	0	0	0
31	0	-	0	-	0	-	0	0	-	0	-	0
TOTAL	0	14	5	0	0	0	0	0	0	0	0	0
MAXIMUM DAY	0	5	5	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	1	0	0	0	0	0	0	0	0	0	0
TOTAL AC. FT.	0	28	10	0	0	0	0	0	0	0	0	0
WHOLE YEAR:-	TOTAL,	19	MAX.,	5	MIN.,	0	MEAN,	0	TOTAL AC.FT.,	38		

North Kern Water Storage District  
Shafter-Wasco ID Exchange Deliveries

DISCHARGE IN CUBIC FEET PER SECOND

Year: 2007

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	0	0	7	7	7	6	6	0	7	0	0
2	0	0	0	7	7	7	6	5	0	7	0	0
3	0	0	0	7	7	7	6	0	0	7	0	0
4	0	0	0	7	7	7	6	0	0	7	0	0
5	0	0	0	7	7	7	6	0	0	7	0	0
6	0	0	0	7	7	7	6	0	0	7	0	0
7	0	0	0	7	7	7	6	0	0	7	0	0
8	0	0	0	7	7	7	6	0	0	7	0	0
9	0	0	0	7	7	7	6	0	0	7	0	0
10	0	0	0	7	7	7	7	0	0	8	0	0
11	0	0	0	7	7	6	7	0	0	8	0	0
12	0	0	0	7	7	6	7	0	0	7	0	0
13	0	0	0	7	7	6	7	0	0	7	0	0
14	0	0	0	6	7	6	7	0	5	7	0	0
15	0	0	0	7	7	6	7	0	5	6	0	0
16	0	0	0	7	7	6	7	0	5	0	0	0
17	0	0	0	6	7	6	7	0	5	0	0	0
18	0	0	0	7	7	6	7	0	5	0	0	0
19	0	0	0	7	7	6	7	0	5	0	0	0
20	0	0	0	7	7	6	7	0	5	0	0	0
21	0	0	0	0	7	5	8	0	8	0	0	0
22	0	0	0	0	6	5	8	0	8	0	0	0
23	0	0	0	7	6	5	8	0	8	0	0	0
24	0	0	0	7	6	5	8	0	8	0	0	0
25	0	0	0	7	6	5	8	0	8	0	0	0
26	0	0	0	6	6	5	8	0	8	0	0	0
27	0	0	0	7	6	5	8	0	7	0	0	0
28	0	0	0	7	6	5	8	0	7	0	0	0
29	0	-	9	7	6	5	8	0	7	0	0	0
30	0	-	9	7	6	6	8	0	7	0	0	0
31	0	-	8	-	6	-	8	0	-	0	-	0
TOTAL	0	0	26	193	207	181	219	11	111	106	0	0
MAXIMUM DAY	0	0	9	7	7	7	8	6	8	8	0	0
MINIMUM DAY	0	0	0	0	6	5	6	0	0	0	0	0
MEAN	0	0	1	6	7	6	7	0	4	3	0	0
TOTAL AC. FT.	0	0	52	383	410	359	435	22	220	210	0	0
WHOLE YEAR:-	TOTAL,	1,054	MAX.,	9	MIN.,	0	MEAN,	3	TOTAL AC.FT.,	2,091		

**DISCHARGE IN CUBIC FEET PER SECOND**     
 **North Kern Water Storage District**     
 **Year: 2007**  
**Delano-Earlimart ID Exchange Deliveries**

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	0	0	0	0	0	0	0	7	0	0	0
2	0	0	0	0	0	0	0	0	0	7	0	0
3	0	0	0	0	0	0	0	0	7	7	0	0
4	0	0	0	0	0	0	0	0	7	8	0	0
5	0	0	0	0	0	0	0	0	7	8	0	0
6	0	0	0	0	0	0	0	0	11	8	0	0
7	0	0	0	0	0	0	0	0	11	8	0	0
8	0	0	0	0	0	0	0	0	11	8	0	0
9	0	0	0	0	0	0	0	0	11	8	0	0
10	0	0	0	0	0	0	0	0	10	8	0	0
11	0	0	0	0	0	0	0	0	6	8	0	0
12	0	0	0	0	0	0	0	0	7	7	0	0
13	0	0	0	0	0	0	0	0	7	7	0	0
14	0	0	0	0	0	0	0	0	7	7	0	0
15	0	0	0	0	0	0	0	9	7	7	0	0
16	0	0	0	0	0	0	0	9	7	0	0	0
17	0	0	0	0	0	0	0	10	7	0	0	0
18	0	0	0	0	0	0	0	10	7	0	0	0
19	0	0	0	0	0	0	0	10	7	0	0	0
20	0	0	0	0	0	0	0	10	7	0	0	0
21	0	0	0	0	0	0	0	10	8	0	0	0
22	0	0	0	0	0	0	0	10	8	0	0	0
23	0	0	0	0	0	0	0	10	8	0	0	0
24	0	0	0	0	0	0	0	10	8	0	0	0
25	0	0	0	0	0	0	0	10	8	0	0	0
26	0	0	0	0	0	0	0	10	8	0	0	0
27	0	0	0	0	0	0	0	10	7	0	0	0
28	0	0	0	0	0	0	0	9	7	0	0	0
29	0	-	0	0	0	0	0	9	0	0	0	0
30	0	-	0	0	0	0	0	9	0	0	0	0
31	0	-	0	-	0	-	0	9	-	0	-	0
<b>TOTAL</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>164</b>	<b>213</b>	<b>106</b>	<b>0</b>	<b>0</b>
<b>MAXIMUM DAY</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>10</b>	<b>11</b>	<b>8</b>	<b>0</b>	<b>0</b>
<b>MINIMUM DAY</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>MEAN</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5</b>	<b>7</b>	<b>3</b>	<b>0</b>	<b>0</b>
<b>TOTAL AC. FT.</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>325</b>	<b>422</b>	<b>210</b>	<b>0</b>	<b>0</b>
<b>WHOLE YEAR:-</b>	<b>TOTAL,</b>	<b>483</b>	<b>MAX.,</b>	<b>11</b>	<b>MIN.,</b>	<b>0</b>	<b>MEAN,</b>	<b>1</b>	<b>TOTAL AC.FT.,</b>	<b>957</b>	<b>0</b>	<b>0</b>

North Kern Water Storage District  
Friant-Kern Canal Pump-In Deliveries

DISCHARGE IN CUBIC FEET PER SECOND

Year: 2007

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	0	0	20	5	11	17	20	13	15	0	0
2	0	0	0	20	5	11	17	20	16	15	0	0
3	0	0	0	20	10	11	17	20	16	16	0	0
4	0	0	0	20	11	11	17	20	16	16	0	0
5	0	0	0	16	11	11	17	20	16	16	0	0
6	0	0	0	16	11	11	17	20	13	16	0	0
7	0	0	0	16	11	11	17	19	13	16	0	0
8	0	0	0	16	11	11	17	19	13	16	0	0
9	0	0	0	16	11	11	17	19	13	16	0	0
10	0	0	0	16	11	11	17	19	13	16	0	0
11	0	0	0	16	16	13	18	19	12	16	0	0
12	0	0	0	20	16	13	20	19	12	0	0	0
13	0	0	0	20	16	13	20	20	12	0	0	0
14	0	0	17	20	16	13	20	20	16	0	0	0
15	0	0	18	20	16	13	19	20	17	0	0	0
16	0	0	18	17	16	13	19	20	17	0	0	0
17	0	0	18	17	16	12	19	20	16	0	0	0
18	0	0	19	18	16	12	19	20	17	0	0	0
19	0	0	18	17	16	12	19	20	17	0	0	0
20	0	0	18	17	16	12	19	20	17	0	0	0
21	0	0	18	17	16	15	19	20	18	0	0	0
22	0	0	18	17	15	15	19	18	18	0	0	0
23	0	0	19	17	15	17	19	17	18	0	0	0
24	0	0	18	17	15	16	19	17	18	0	0	0
25	0	0	18	17	15	15	19	17	17	0	0	0
26	0	0	18	17	15	15	19	17	17	0	0	0
27	0	0	18	17	15	15	19	17	17	0	0	0
28	0	0	19	17	15	15	19	17	17	0	0	0
29	0	-	18	17	15	15	19	17	17	0	0	0
30	0	-	18	17	15	15	19	17	17	0	0	0
31	0	-	19	-	15	-	19	17	-	0	-	0
<b>TOTAL</b>	<b>0</b>	<b>0</b>	<b>327</b>	<b>528</b>	<b>423</b>	<b>389</b>	<b>571</b>	<b>585</b>	<b>469</b>	<b>174</b>	<b>0</b>	<b>0</b>
<b>MAXIMUM DAY</b>	<b>0</b>	<b>0</b>	<b>19</b>	<b>20</b>	<b>16</b>	<b>17</b>	<b>20</b>	<b>20</b>	<b>18</b>	<b>16</b>	<b>0</b>	<b>0</b>
<b>MINIMUM DAY</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>16</b>	<b>5</b>	<b>11</b>	<b>17</b>	<b>17</b>	<b>12</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>MEAN</b>	<b>0</b>	<b>0</b>	<b>11</b>	<b>18</b>	<b>14</b>	<b>13</b>	<b>18</b>	<b>19</b>	<b>16</b>	<b>6</b>	<b>0</b>	<b>0</b>
<b>TOTAL AC. FT.</b>	<b>0</b>	<b>0</b>	<b>649</b>	<b>1,047</b>	<b>840</b>	<b>771</b>	<b>1,133</b>	<b>1,160</b>	<b>929</b>	<b>344</b>	<b>0</b>	<b>0</b>
<b>WHOLE YEAR:-</b>	<b>TOTAL,</b>	<b>3,466</b>	<b>MAX.,</b>	<b>20</b>	<b>MIN.,</b>	<b>0</b>	<b>MEAN,</b>	<b>9</b>	<b>TOTAL AC.FT.,</b>	<b>6,873</b>	<b>0</b>	<b>0</b>

Year: 2007

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

DISCHARGE IN CUBIC FEET PER SECOND

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	113	232	0	0	0	0	0	0	0	0	0	0
2	158	194	0	0	0	0	0	0	0	0	0	0
3	114	187	0	0	0	0	0	0	0	0	0	0
4	126	190	0	0	0	0	0	0	0	0	0	0
5	174	142	0	0	0	0	0	0	0	0	0	0
6	159	188	0	0	0	0	0	0	0	0	0	0
7	168	171	0	0	0	0	0	0	0	0	0	0
8	155	167	0	0	0	0	0	0	0	0	0	0
9	188	203	0	0	0	0	0	0	0	0	0	0
10	197	199	0	0	0	0	0	0	0	0	0	0
11	214	213	0	0	0	0	0	0	0	0	0	0
12	211	190	0	0	0	0	0	0	0	0	0	0
13	179	190	0	0	0	0	0	0	0	0	0	0
14	169	188	0	0	0	0	0	0	0	0	0	0
15	248	198	0	0	0	0	0	0	0	0	0	0
16	173	191	0	0	0	0	0	0	0	0	0	0
17	161	204	0	0	0	0	0	0	0	0	0	0
18	181	180	0	0	0	0	0	0	0	0	0	0
19	192	180	0	0	0	0	0	0	0	0	0	0
20	189	197	0	0	0	0	0	0	0	0	0	0
21	189	176	0	0	0	0	0	0	0	0	0	0
22	185	152	0	0	0	0	0	0	0	0	0	0
23	181	211	0	0	0	0	0	0	0	0	0	0
24	162	156	0	0	0	0	0	0	0	0	0	0
25	144	187	0	0	0	0	0	0	0	0	0	0
26	144	198	0	0	0	0	0	0	0	0	0	0
27	186	97	0	0	0	0	0	0	0	0	0	0
28	197	0	0	0	0	0	0	0	0	0	0	0
29	218	-	0	0	0	0	0	0	0	0	0	0
30	189	-	0	0	0	0	0	0	0	0	0	0
31	153	-	0	-	0	-	0	0	-	0	-	0
TOTAL	5,417	4,981	0	0	0	0	0	0	0	0	0	0
MAXIMUM DAY	248	232	0	0	0	0	0	0	0	0	0	0
MINIMUM DAY	113	0	0	0	0	0	0	0	0	0	0	0
MEAN	175	178	0	0	0	0	0	0	0	0	0	0
TOTAL AC. FT.	10,744	9,879	0	0	0	0	0	0	0	0	0	0
WHOLE YEAR:-	TOTAL,	10,398	MAX.,	248	MIN.,	0	MEAN,	28	TOTAL AC.FT.,	20,623		

DISCHARGE IN CUBIC FEET PER SECOND

Friant-Kern Inflow to Poso Creek Channel

Year: 2007

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	68	0	0	0	0	0	0	0	0	0	0
2	0	68	0	0	0	0	0	0	0	0	0	0
3	23	68	0	0	0	0	0	0	0	0	0	0
4	39	69	0	0	0	0	0	0	0	0	0	0
5	40	52	0	0	0	0	0	0	0	0	0	0
6	40	42	0	0	0	0	0	0	0	0	0	0
7	40	42	0	0	0	0	0	0	0	0	0	0
8	42	42	0	0	0	0	0	0	0	0	0	0
9	49	42	0	0	0	0	0	0	0	0	0	0
10	51	42	0	0	0	0	0	0	0	0	0	0
11	51	42	0	0	0	0	0	0	0	0	0	0
12	36	42	0	0	0	0	0	0	0	0	0	0
13	28	42	0	0	0	0	0	0	0	0	0	0
14	30	42	0	0	0	0	0	0	0	0	0	0
15	30	42	0	0	0	0	0	0	0	0	0	0
16	30	42	0	0	0	0	0	0	0	0	0	0
17	30	43	0	0	0	0	0	0	0	0	0	0
18	30	42	0	0	0	0	0	0	0	0	0	0
19	30	42	0	0	0	0	0	0	0	0	0	0
20	36	42	0	0	0	0	0	0	0	0	0	0
21	40	50	0	0	0	0	0	0	0	0	0	0
22	40	55	0	0	0	0	0	0	0	0	0	0
23	40	52	0	0	0	0	0	0	0	0	0	0
24	39	52	0	0	0	0	0	0	0	0	0	0
25	40	52	0	0	0	0	0	0	0	0	0	0
26	40	52	0	0	0	0	0	0	0	0	0	0
27	40	39	0	0	0	0	0	0	0	0	0	0
28	40	12	0	0	0	0	0	0	0	0	0	0
29	39	-	0	0	0	0	0	0	0	0	0	0
30	55	-	0	0	0	0	0	0	0	0	0	0
31	68	-	0	-	0	-	0	0	-	0	-	0
TOTAL	1,136	1,320	0	0	0	0	0	0	0	0	0	0
MAXIMUM DAY	68	69	0	0	0	0	0	0	0	0	0	0
MINIMUM DAY	0	12	0	0	0	0	0	0	0	0	0	0
MEAN	37	47	0	0	0	0	0	0	0	0	0	0
TOTAL AC. FT.	2,254	2,618	0	0	0	0	0	0	0	0	0	0
WHOLE YEAR:-	TOTAL,	2,456	MAX.,	69	MIN.,	0	MEAN,	7	TOTAL AC.FT.,	4,872		

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

Quantities in acre-feet

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
<b>2005</b>													
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
<b>CITY Debit to NKWSD</b>	<b>37,433</b>												

<b>2006</b>													
NKWSD to CITY	2,729	0	0	0	0	0	0	0	0	0	0	261	2,990
CITY to NKWSD	0	0	3,021	0	0	0	0	0	0	0	0	0	3,021
Other Purchase Rate	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>CITY Debit to NKWSD</b>	<b>40,162</b>	<b>40,162</b>	<b>37,141</b>	<b>37,402</b>	<b>37,402</b>								

<b>2007</b>													
NKWSD to CITY	7,156	278	0	0	0	0	0	0	0	0	0	0	7,434
CITY to NKWSD	0	0	157	0	0	0	0	0	0	0	0	0	157
Other Purchase Rate	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>CITY Debit to NKWSD</b>	<b>44,558</b>	<b>44,836</b>	<b>44,679</b>										

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

Quantities in acre-feet

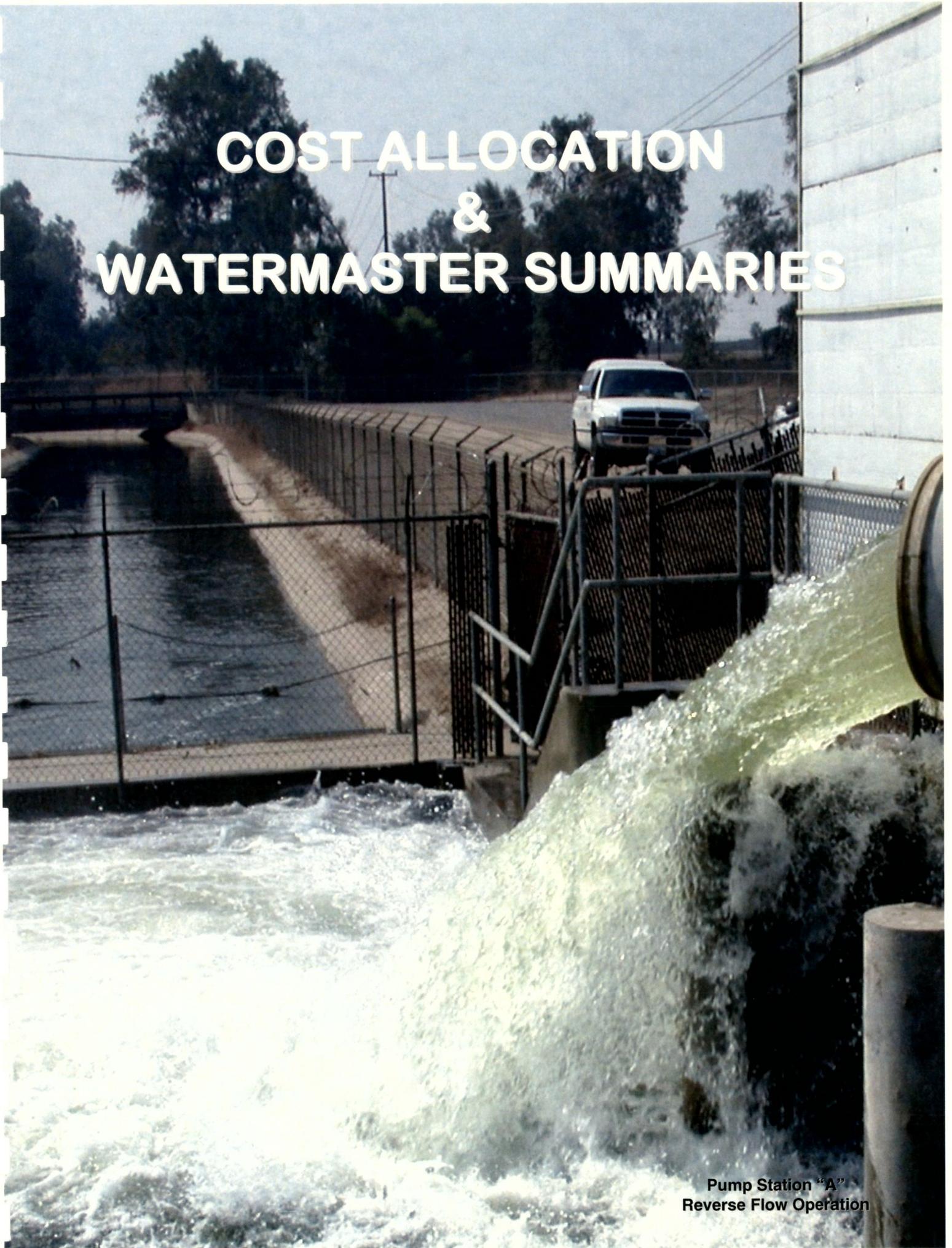
**Year: 2007**

<u>YEAR</u>	<u>NKWSD TO CITY</u>	<u>CITY TO NKWSD</u>	<u>END OF YEAR RUNNING BALANCE (City owes NKWSD)</u>
1962	0	0	323 (1)
1963	35,025	24,094 (2)	11,254
1964	16,200	50,649	(23,195)
1965	46,532	11,783	11,554
1966	27,669	43,130	(3,907)
1967	18,836	18,799	(3,870)
1968	50,370	62,220	(15,720)
1969	5,084	0	(10,636)
1970	43,496	57,887	(25,027)
1971	44,186	49,056	(29,897)
1972	16,250	10,157	(23,804)
1973	493	0	(23,311)
1974	0	0	(23,311)
1975	5,585	0	(17,726)
1976	0	0	(17,726)
1977	2,054	0	(15,672)
1978	30,517	0	14,845
1979	0	10,000	4,845
1980	14,765	0	19,610
1981	184	5,318	14,476
1982	10,224	0	24,700
1983	0	0	24,700
1984	10,192	10,000	24,892
1985	9,550	10,000	24,442
1986	5,000	0	29,442
1987	2,448	7,500	24,390
1988	8,379	1,877	30,892
1989	5,848	3,877	32,863
1990	1,552	716	33,699
1991	8,763	985	41,477
1992	3,522	4,276	40,723
1993	24,872	17,292	48,303
1994	3,938	2,981	49,260
1995	7,966	934	56,292
1996	5,669	0	61,961
1997	0	10,000	51,961
1998	0	0	51,961
1999	590	10,000	42,551
2000	6,366	10,000	38,917
2001	4,791	4,549	39,159
2002	2,959	6,333	35,785
2003	6,175	7,869	34,091
2004	3,342	0	37,433
2005	0	0	37,433
2006	2,990	3,021	37,402
2007	7,434	157	44,679

Notes:

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

# COST ALLOCATION & WATERMASTER SUMMARIES



Pump Station "A"  
Reverse Flow Operation

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

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

**Year: 2007**

Quantities in acre-feet

	Five Year					Allocation Percentage
	2003	2004	2005	2006	2007	
Carrier Canal at Head	208,245	189,266	232,937	251,741	177,744	99.46%
Oilfield Discharge	0	0	880	681	3,691	0.49%
Storm Drain Inflow	99	129	162	65	54	0.05%
<b>TOTAL CARRIER CANAL FLOW</b>	<b>208,344</b>	<b>189,395</b>	<b>233,979</b>	<b>252,487</b>	<b>181,489</b>	<b>100.00%</b>

Kern Island Canal (1)	147,653	137,612	148,478	147,301	121,777	702,821	65.95%
Eastside Canal	14,079	12,285	14,826	13,816	11,805	66,811	6.27%
Kern Delta WD via Levee #1	30,735	26,735	53,371	65,722	12,299	188,862	17.72%
<b>KERN DELTA WATER DISTRICT TOTAL</b>	<b>192,467</b>	<b>176,632</b>	<b>216,675</b>	<b>226,839</b>	<b>145,881</b>	<b>958,494</b>	<b>89.94%</b>

Via Kern Island Canal	1,154	0	0	0	0	1,154	0.11%
Carrier Waste Gate	562	202	28	0	0	792	0.07%
Kern River Conduit via Levee #1	14,161	12,561	17,276	25,648	35,608	105,254	9.88%
<b>CITY OF BAKERSFIELD TOTAL</b>	<b>15,877</b>	<b>12,763</b>	<b>17,304</b>	<b>25,648</b>	<b>35,608</b>	<b>107,200</b>	<b>10.06%</b>

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: 2007

	2003	2004	2005	2006	2007	Five Year Total	Allocation Percentage
<b>TOTAL CARRIER CANAL FLOW (1)</b>	<b>80,549</b>	<b>62,922</b>	<b>214,510</b>	<b>171,553</b>	<b>51,618</b>	<b>581,152</b>	<b>100.00%</b>

Stine Canal Total Diverted (2)	23,908	15,214	35,290	40,533	3,495	118,440	20.38%
Arvin-Edison Turnout Total Diverted (2)	54	0	0	0	0	54	0.01%
Buena Vista Canal Total Diverted (2)	30,968	20,033	38,233	35,032	8,200	132,466	22.79%
River Canal Total Diverted (3)	1,519	577	167	0	574	2,837	0.49%
<b>KERN DELTA WATER DISTRICT TOTAL DIVERTED FROM CARRIER CANAL</b>	<b>56,449</b>	<b>35,824</b>	<b>73,690</b>	<b>75,565</b>	<b>12,269</b>	<b>253,797</b>	<b>43.67%</b>

<b>KERN RIVER CONDUIT (City of Bakersfield)</b>	<b>24,100</b>	<b>27,098</b>	<b>140,820</b>	<b>95,988</b>	<b>39,349</b>	<b>327,355</b>	<b>56.33%</b>
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Notes: (1) Sum of Carrier Canal flow at Oak Street, Truxtun Lake inflow (CVC water) and River Canal inflow.

(2) Sum of headgate diversion and share of Carrier Canal loss.

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

**CALLOWAY AND BEARDSLEY CANALS**

Allocation of Joint Accounts  
2007

**CALLOWAY CANAL USED**

Preceding Ten Years

Year	Diverted via Calloway Canal				
	NKWSD	CITY	Subtotal	ID4	TOTAL
1998	97,572	10,684	108,256	33,124	141,380
1999	11,873	611	12,484	30,624	43,108
2000	97	0	97	32,258	32,355
2001	0	0	0	9,034	9,034
2002	0	0	0	24,450	24,450
2003	0	0	0	10,688	10,688
2004	0	0	0	19,126	19,126
2005	43,729	4,460	48,189	27,597	75,786
2006	80,517	8,006	88,523	21,549	110,072
2007	0	0	0	9,421	9,421
<b>Total</b>	<b>233,788</b>	<b>23,761</b>	<b>257,549</b>	<b>217,871</b>	<b>475,420</b>
<b>Percent</b>	<b>90.77%</b>	<b>9.23%</b>	<b>100.00%</b>		

**BEARDSLEY CANAL USED**

Preceding Five Years

Year	Diverted via Beardsley Canal									
	North Kern Water Storage District					CITY	Subtotal	CWD/Other	TOTAL	
	NKWSD	RRID	TOTAL							
2003	106,579	488	107,067	10,711	117,778	61,560	179,338			
2004	110,049	350	110,399	10,425	120,824	53,989	174,813			
2005	198,183	9,188	207,371	15,746	223,117	67,068	290,185			
2006	213,766	5,541	219,307	11,381	230,688	68,208	298,896			
2007	74,079	188	74,267	6,581	80,848	51,131	131,979			
<b>Total</b>	<b>702,656</b>	<b>15,755</b>	<b>718,411</b>	<b>54,844</b>	<b>773,255</b>	<b>301,956</b>	<b>1,075,211</b>			
<b>Percent</b>	<b>90.87%</b>	<b>2.04%</b>	<b>92.91%</b>	<b>7.09%</b>	<b>100.00%</b>					



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

Year: 2007

Quantities in acre-feet

Canal	Year					Five Year Total	Percentage
	2003	2004	2005	2006	2007		
Kern Island	145,502	133,708	139,507	143,182	118,467	680,366	26.23%
Eastside	14,079	12,285	14,440	13,709	10,962	65,475	2.52%
Buena Vista	20,577	13,153	29,433	28,751	7,338	99,252	3.83%
Stine	19,184	13,482	32,590	30,420	4,725	100,401	3.87%
Farmers	14,608	10,745	18,828	14,820	2,670	61,671	2.38%
<b>Subtotal Kern Delta WD</b>	<b>213,950</b>	<b>183,373</b>	<b>234,798</b>	<b>230,882</b>	<b>144,162</b>	<b>1,007,165</b>	<b>38.83%</b>

City of Bakersfield	64,582	41,589	276,251	273,271	45,941	701,634	27.05%
K.R.C. & I. Co. (Beardsley)	8,395	9,085	5,673	4,636	6,581	34,370	1.33%
Central - I.D. #4 (Calloway)	10,688	19,126	27,597	20,430	9,421	87,262	3.36%
James	0	0	0	0	0	0	0.00%
Pioneer	0	0	0	0	0	0	0.00%
<b>Subtotal City of Bakersfield</b>	<b>83,665</b>	<b>69,800</b>	<b>309,521</b>	<b>298,337</b>	<b>61,943</b>	<b>823,266</b>	<b>31.74%</b>

<b>North Kern WSD</b>	<b>108,374</b>	<b>104,012</b>	<b>227,488</b>	<b>249,560</b>	<b>73,910</b>	<b>763,344</b>	<b>29.43%</b>
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<b>Total First Point Group</b>	<b>405,989</b>	<b>357,185</b>	<b>771,807</b>	<b>778,779</b>	<b>280,015</b>	<b>2,593,775</b>	<b>100.00%</b>
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South Fork	162	114	112	132	0	0	
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- Note:

ALL FIGURES REFLECT  
GROSS DIVERSIONS...

First Point Passing 2nd Point	0	0	1,085	11,890	0	0	
River Loss and Spreading	46,399	28,787	70,808	53,675	15,682	15,682	
Flow Above First Point	8,383	18,107	16,901	18,448	16,243	16,243	

<b>Total 1st Point Group Diverted</b>	<b>460,933</b>	<b>404,193</b>	<b>860,713</b>	<b>862,924</b>	<b>311,940</b>	<b>311,940</b>	
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**KERN RIVER WATERMASTER  
ISABELLA RESERVOIR INTER-DISTRICT RENTAL CHARGES**

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

**COMPUTED YEAR: 2007**

Year	Acre-Foot Days of Irrigation Storage			Isabella O&M Charges (2)
	NKWSD (1)	BVWSD	Total A.F.D.	
2003	37,777,781	21,519,712	59,297,493	(3) \$0
2004	27,597,821	17,108,460	44,706,281	\$71,928
2005	66,555,427	31,501,098	98,056,525	\$71,928
2006	64,917,301	30,363,352	95,280,653	\$71,928
2007	39,194,639	14,516,962	53,711,601	\$71,928
5-Year Totals	236,042,969	115,009,584	351,052,553	\$287,712

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

- Total 5-Year Operation & Interest Charge..... \$1,430,962

Total 5-Year Cost	=	\$1,430,962	=	\$0.0040762
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Total 5-Year Use		351,052,553		Rental Charge Per Acre-Foot Day

TOTAL 2007 HACIENDA WD Acre-Foot Storage Days = 7,849,491

TOTAL 2007 HACIENDA WD Share of 2007 Storage Costs = \$31,996.10

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

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

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

# KERN COUNTY RECREATION POOL REPORT FROM THE KERN RIVER WATERMASTER

Year: 2007

Quantities in acre-feet  
except where noted...

	Total Storage in Reservoir	Total Water Surface Area (Acres)	Area Attributable to Rec. Pool (Acres)	Total		County of Kern	
				Reservoir Loss	Ming Lake Net Inflow	Recreation Pool Loss	
End of Previous Year	226,732	7,134	580	1,016	16	77	
January	223,182	7,068	590	934	16	83	
February	221,489	7,036	595	2,313	44	194	
March	225,807	7,117	585	2,838	60	232	
April	231,254	7,217	575	4,715	77	363	
May	241,116	7,395	560	5,546	105	460	
June	210,060	6,817	615	6,323	127	686	
July	158,131	5,711	740	5,155	121	780	
August	126,193	4,921	835	3,269	91	589	
September	114,291	4,601	880	2,818	65	553	
October	108,682	4,445	900	1,872	42	385	
November	107,266	4,405	910	891	26	184	
December	107,442	4,410	910	37,690	790	4,586	
TOTALS							

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: 2007

	CALENDAR YEAR			
	FIRST POINT		ENTITLEMENT	
	REGULATED	NATURAL	NKWS	BVWS
<b>JANUARY</b>				
To Date	23,408	20,874	20,874	0
<b>FEBRUARY</b>				
To Date	23,408	20,874	20,874	0
<b>MARCH</b>				
To Date	22,678	21,917	21,917	0
<b>APRIL</b>				
To Date	46,086	42,791	42,791	0
<b>MAY</b>				
To Date	28,256	34,887	29,651	5,236
<b>JUNE</b>				
To Date	74,342	77,678	72,442	5,236
<b>JULY</b>				
To Date	27,362	35,649	29,988	5,661
<b>AUGUST</b>				
To Date	101,704	113,327	102,430	10,897
<b>SEPTEMBER</b>				
To Date	36,690	51,267	40,826	10,441
<b>OCTOBER</b>				
To Date	138,394	164,594	143,256	21,338
<b>NOVEMBER</b>				
To Date	49,642	24,131	21,920	2,211
<b>DECEMBER</b>				
To Date	188,036	188,725	165,176	23,549
<b>Year</b>				
Year	57,969	12,363	12,363	0
Year	246,005	201,088	177,539	23,549
Year	36,724	9,941	9,941	0
Year	282,729	211,029	187,480	23,549
Year	17,179	8,547	8,547	0
Year	299,908	219,576	196,027	23,549
Year	12,742	9,951	9,951	0
Year	312,650	229,527	205,978	23,549
Year	9,645	10,100	10,100	0
Year	322,295	239,627	216,078	23,549
Year	11,998	13,065	13,065	0
Year	334,293	252,692	229,143	23,549

1894 to 2007 Mean April-July Runoff = 467,187 acre-feet (100% of Average)  
 2007 April-July Runoff = 123,410 acre-feet ( 26% of Average)

	WATER YEAR			
	FIRST POINT		ENTITLEMENT	
	REGULATED	NATURAL	NKWS	BVWS
<b>OCTOBER</b>				
To Date	22,006	19,989	19,989	0
<b>NOVEMBER</b>				
To Date	22,006	19,989	19,989	0
<b>DECEMBER</b>				
To Date	20,484	17,542	17,542	0
<b>JANUARY</b>				
To Date	42,490	37,531	37,531	0
<b>FEBRUARY</b>				
To Date	18,660	20,604	20,604	0
<b>MARCH</b>				
To Date	61,150	58,135	58,135	0
<b>APRIL</b>				
To Date	23,408	20,874	20,874	0
<b>MAY</b>				
To Date	84,558	79,009	79,009	0
<b>JUNE</b>				
To Date	22,678	21,917	21,917	0
<b>JULY</b>				
To Date	107,236	100,926	100,926	0
<b>AUGUST</b>				
To Date	28,256	34,887	29,651	5,236
<b>SEPTEMBER</b>				
To Date	135,492	135,813	130,577	5,236
<b>OCTOBER</b>				
To Date	27,362	35,649	29,988	5,661
<b>NOVEMBER</b>				
To Date	162,854	171,462	160,565	10,897
<b>DECEMBER</b>				
To Date	36,690	51,267	40,826	10,441
<b>JANUARY</b>				
To Date	199,544	222,729	201,391	21,338
<b>FEBRUARY</b>				
To Date	49,642	24,131	21,920	2,211
<b>MARCH</b>				
To Date	249,186	246,860	223,311	23,549
<b>APRIL</b>				
To Date	57,969	12,363	12,363	0
<b>MAY</b>				
To Date	307,155	259,223	235,674	23,549
<b>JUNE</b>				
To Date	36,724	9,941	9,941	0
<b>JULY</b>				
To Date	343,879	269,164	245,615	23,549
<b>AUGUST</b>				
To Date	17,179	8,547	8,547	0
<b>SEPTEMBER</b>				
To Date	361,058	277,711	254,162	23,549

1894 to 2007 Mean March-October Runoff = 599,666 acre-feet (100% of Average)  
 2007 March-October Runoff = 186,736 acre-feet ( 31% of Average)



Isabella Dam & Reservoir  
Midnight Storage Recapitulation

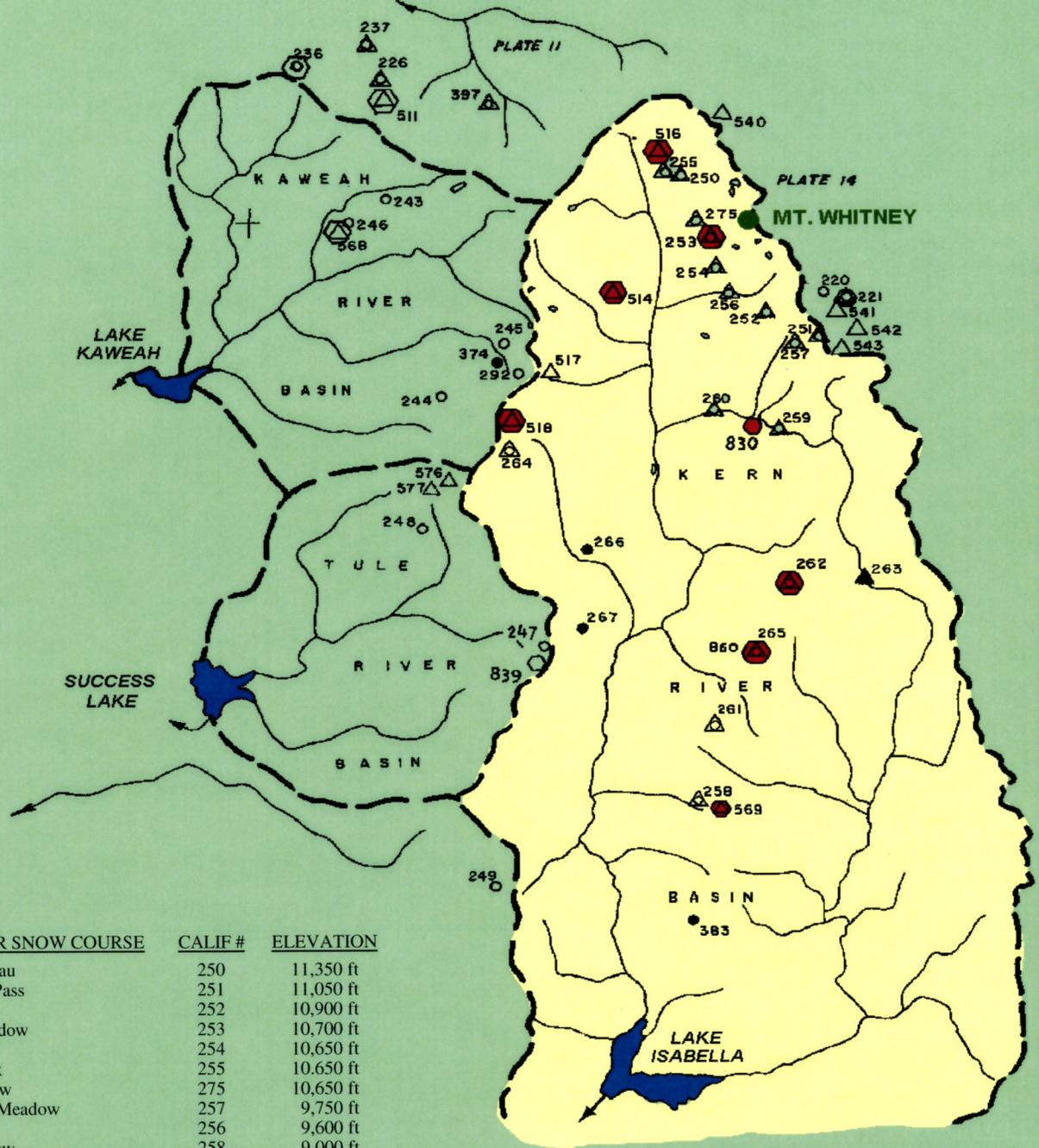
Year: 2007

QUANTITIES IN ACRE-FEET

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	226,875	222,618	221,771	225,949	231,543	240,600	208,564	156,878	125,750	113,923	108,682	106,827
2	226,875	222,124	222,124	225,807	231,903	240,304	206,736	155,745	125,261	113,649	108,638	106,475
3	226,804	221,771	222,406	225,807	232,120	239,640	204,985	154,672	124,625	113,465	108,638	105,950
4	226,804	221,278	222,618	225,949	232,410	238,684	203,310	153,493	123,943	113,190	108,593	105,471
5	227,304	220,858	222,688	226,234	232,990	237,875	201,643	151,985	123,554	113,053	108,593	105,035
6	227,447	220,647	222,618	226,447	233,353	236,997	199,984	150,322	123,166	112,962	108,549	104,818
7	227,518	220,436	222,547	226,804	233,353	236,045	198,532	148,670	122,780	112,688	108,460	104,862
8	227,590	220,225	222,476	227,161	233,280	235,098	196,889	147,084	122,394	112,370	108,327	105,166
9	227,518	220,085	222,194	227,375	233,280	234,369	194,993	145,618	121,913	112,097	108,238	105,384
10	227,518	220,015	222,053	227,590	233,787	233,714	192,785	144,323	121,384	111,779	108,194	105,514
11	227,662	220,506	221,912	227,876	234,515	232,845	190,721	143,250	120,715	111,553	108,149	105,689
12	227,733	220,647	221,771	227,948	235,388	231,686	188,417	141,808	120,047	111,327	108,105	105,776
13	227,733	220,717	221,771	228,090	236,338	230,604	186,826	140,483	119,525	111,192	108,149	105,906
14	227,662	220,647	221,912	228,376	237,142	229,382	185,686	139,428	119,051	111,011	108,149	105,993
15	227,447	220,576	222,265	228,520	237,949	228,448	184,047	138,430	118,625	110,876	108,105	106,081
16	227,304	220,647	222,757	228,735	238,610	227,876	182,354	137,386	118,107	110,695	108,017	106,081
17	227,161	220,647	223,323	228,807	239,345	227,375	180,546	136,347	117,590	110,515	107,973	106,081
18	226,946	220,647	223,748	228,951	240,157	226,589	178,812	135,417	117,169	110,380	107,929	106,081
19	226,804	220,858	224,032	229,022	241,190	225,522	177,518	134,490	116,795	110,335	107,929	106,256
20	226,661	220,996	224,386	229,238	241,931	224,386	176,292	133,670	116,514	110,246	107,929	106,388
21	226,518	221,067	224,740	229,310	242,525	223,111	174,949	132,905	116,328	110,156	107,885	106,607
22	226,304	220,996	224,882	229,382	242,969	221,700	173,249	132,090	116,141	109,932	107,796	106,783
23	226,092	221,067	224,811	229,597	243,266	220,717	171,559	131,281	115,910	109,708	107,796	106,959
24	225,949	220,996	224,740	229,813	243,340	219,384	169,879	130,474	115,724	109,618	107,752	107,134
25	225,807	220,996	224,598	230,028	243,266	217,988	168,151	129,820	115,492	109,574	107,752	107,266
26	225,664	220,996	224,811	230,172	243,117	216,458	166,256	129,120	115,260	109,484	107,708	107,310
27	225,593	221,348	225,024	230,316	242,969	214,726	164,494	128,421	115,075	109,395	107,663	107,442
28	225,522	221,489	225,308	230,460	242,671	213,072	163,034	127,775	114,798	109,216	107,619	107,442
29	225,166	-	225,522	230,821	242,228	211,426	161,235	127,229	114,614	109,039	107,487	107,398
30	224,102	-	225,664	231,254	241,708	210,060	159,506	126,736	114,291	108,905	107,266	107,442
31	223,182	-	225,807	-	241,116	-	158,131	126,193	-	108,682	-	107,442
MAXIMUM DAY	227,733	222,618	225,807	231,254	243,340	240,600	208,564	156,878	125,750	113,923	108,682	107,442
MINIMUM DAY	223,182	220,015	221,771	225,807	231,543	210,060	158,131	126,193	114,291	108,682	107,266	104,818

# KERN RIVER BASIN

Drainage Basin Above Lake Isabella = 2,074 Square Miles

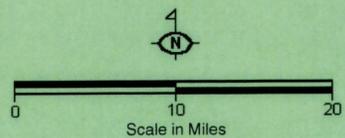


**KERN RIVER SNOW COURSE**      CALIF #      ELEVATION

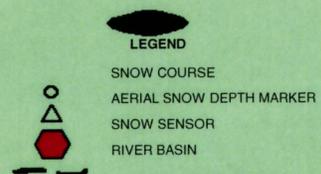
Bighorn Plateau	250	11,350 ft
Cottonwood Pass	251	11,050 ft
Siberian Pass	252	10,900 ft
Crabtree Meadow	253	10,700 ft
Guyot Flat	254	10,650 ft
Tyndall Creek	255	10,650 ft
Sandy Meadow	275	10,650 ft
Big Whitney Meadow	257	9,750 ft
Rock Creek	256	9,600 ft
Round Meadow	258	9,000 ft
Ramshaw Meadow	259	8,700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

**KERN RIVER SNOW SENSOR**

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



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



**REPORT OF THE KERN RIVER WATERMASTER**

JANUARY 2007

Quantities in S.F.D. except where noted

PAGE 1 of 5

DAY	ELEVATION (FEET)	ISABELLA RESERVOIR		FLOW AT 1ST POINT	FLOW ABOVE 1ST POINT	FIRST POINT REGULATED FLOW	CHANGE IN STORAGE+LOSS		COMPUTED 1ST POINT NATURAL FLOW	MEAN STORAGE	KERN COUNTY RECREATION POOL LOSS	TOTAL FLOW AT SECOND POINT	SECOND POINT GROUP FLOW AT 2ND POINT		FRIANT-KERN INFLOW	DAY
		ACRE-FEET	S.F.D.				LOSS	IRRIGATION					RECREATION	KERN RIVER			FRIANT-KERN
Previous Day	2569.07	226,732	114,311	14	339	353	331	331	331	114,311	99,093	0	0	0	0	0
1	2569.09	226,875	114,383	5	254	268	345	331	331	114,369	99,151	0	0	0	0	1
2	2569.09	226,875	114,383	12	277	292	304	322	322	114,387	99,169	1	0	0	0	2
3	2569.08	226,804	114,347	38	297	313	315	309	309	114,345	99,127	3	0	0	0	3
4	2569.08	226,804	114,347	3	301	306	309	311	311	114,347	99,129	0	0	0	0	4
5	2569.15	227,304	114,599	5	322	335	592	592	592	114,599	99,381	0	0	0	0	5
6	2569.17	227,447	114,671	5	309	325	402	402	402	114,671	99,453	0	0	0	0	6
7	2569.18	227,518	114,707	7	306	320	363	371	371	114,715	99,497	1	0	0	0	7
8	2569.19	227,590	114,743	12	323	339	387	375	375	114,721	99,503	1	0	0	0	8
9	2569.18	227,518	114,707	12	329	344	320	352	352	114,717	99,499	1	0	0	0	9
10	2569.18	227,518	114,707	24	309	324	348	354	354	114,723	99,505	2	0	0	0	10
11	2569.20	227,662	114,780	19	286	302	394	362	362	114,764	99,546	2	0	0	0	11
12	2569.21	227,733	114,815	17	277	293	345	351	351	114,805	99,587	1	0	0	0	12
13	2569.21	227,733	114,815	19	283	296	315	314	314	114,804	99,586	2	0	0	0	13
14	2569.20	227,662	114,780	29	273	289	283	275	275	114,761	99,543	2	0	0	0	14
15	2569.17	227,447	114,671	29	292	307	287	282	282	114,707	99,489	2	0	0	0	15
16	2569.15	227,304	114,599	24	369	383	335	303	303	114,603	99,385	2	0	0	0	16
17	2569.13	227,161	114,527	22	381	397	347	327	327	114,511	99,293	2	0	0	0	17
18	2569.10	226,946	114,419	12	380	395	299	343	343	114,447	99,229	1	0	0	0	18
19	2569.08	226,804	114,347	29	411	427	384	347	347	114,338	99,120	2	0	0	0	19
20	2569.06	226,661	114,275	17	396	412	357	357	357	114,266	99,048	1	0	0	0	20
21	2569.04	226,518	114,203	12	373	390	330	328	328	114,192	98,974	1	0	0	0	21
22	2569.01	226,304	114,095	12	379	393	297	303	303	114,090	98,872	1	0	0	0	22
23	2568.98	226,092	113,988	5	368	383	281	305	305	114,007	98,789	0	0	0	0	23
24	2568.96	225,949	113,916	15	377	392	335	321	321	113,921	98,703	1	0	0	0	24
25	2568.94	225,807	113,844	31	373	389	348	336	336	113,837	98,619	3	0	0	0	25
26	2568.92	225,664	113,772	24	357	373	325	337	337	113,777	98,559	2	0	0	0	26
27	2568.91	225,593	113,737	3	356	371	339	339	339	113,742	98,524	0	0	0	0	27
28	2568.90	225,522	113,701	17	353	373	354	330	330	113,682	98,464	1	0	0	0	28
29	2568.85	225,166	113,521	17	452	461	298	321	321	113,525	98,307	1	76	76	0	29
30	2568.70	224,102	112,985	17	816	831	312	308	308	112,985	97,767	1	375	375	0	30
31	2568.57	223,192	112,521	19	765	779	334	334	334	112,521	97,303	2	326	312	0	31
<b>TOTAL SECOND FOOT DAYS</b>				512	11,344	11,802	10,524	10,524	10,524	112,521	97,303	39	777	763	0	1,727
<b>TOTAL ACRE-FEET</b>				1,016	22,500	23,408	20,874	20,874	20,874	223,182	192,998	77	1,541	1,513	0	3,426

By: 

Date: February 23, 2007

**REPORT OF THE KERN RIVER WATERMASTER**

JANUARY 2007

Quantities in S.F.D. except where noted

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**NORTH KERN WATER STORAGE DISTRICT**

**BUENA VISTA WATER STORAGE DISTRICT**

**HACIENDA WATER DISTRICT**

DAY	ENTL AT 1ST POINT		FLOW ABOVE 1ST PT.		ENTL AT 1ST POINT		FLOW ABOVE 1ST PT.		ENTL AT 1ST POINT		FLOW ABOVE 1ST PT.		ENTL AT 1ST POINT		FLOW ABOVE 1ST PT.	
	POINT	POINT	POINT	POINT	POINT	POINT	POINT	POINT	POINT	POINT	POINT	POINT	POINT	POINT	POINT	POINT
Previous Day	331	339	14	8	52,176	0	0	0	0	0	0	0	0	0	0	0
1	331	254	14	3	52,236	0	0	0	0	0	0	0	0	0	0	0
2	322	277	14	7	52,260	0	0	0	0	0	0	0	0	0	0	0
3	309	297	15	20	52,237	0	0	0	0	0	0	0	0	0	0	0
4	311	301	5	1	52,241	0	0	0	0	0	0	0	0	0	0	0
5	592	322	12	3	52,496	0	0	0	0	0	0	0	0	0	0	0
6	402	309	15	3	52,571	0	0	0	0	0	0	0	0	0	0	0
7	371	306	14	4	52,618	0	0	0	0	0	0	0	0	0	0	0
8	357	323	15	7	52,630	0	0	0	0	0	0	0	0	0	0	0
9	352	329	14	7	52,632	0	0	0	0	0	0	0	0	0	0	0
10	354	309	15	13	52,649	0	0	0	0	0	0	0	0	0	0	0
11	362	286	15	11	52,699	0	0	0	0	0	0	0	0	0	0	0
12	351	277	15	9	52,749	0	0	0	0	0	0	0	0	0	0	0
13	314	281	13	11	52,758	0	0	0	0	0	0	0	0	0	0	0
14	275	272	15	16	52,730	0	0	0	0	0	0	0	0	0	0	0
15	282	286	14	16	52,696	0	0	0	0	0	0	0	0	0	0	0
16	303	360	14	13	52,612	0	0	0	0	0	0	0	0	0	0	0
17	327	375	15	12	52,537	0	0	0	0	0	0	0	0	0	0	0
18	343	380	14	7	52,479	0	0	0	0	0	0	0	0	0	0	0
19	347	405	16	16	52,389	0	0	0	0	0	0	0	0	0	0	0
20	357	396	15	9	52,326	0	0	0	0	0	0	0	0	0	0	0
21	328	373	16	7	52,258	0	0	0	0	0	0	0	0	0	0	0
22	303	379	14	7	52,161	0	0	0	0	0	0	0	0	0	0	0
23	305	368	14	3	52,081	0	0	0	0	0	0	0	0	0	0	0
24	321	375	14	8	52,005	0	0	0	0	0	0	0	0	0	0	0
25	336	373	16	17	51,935	0	0	0	0	0	0	0	0	0	0	0
26	337	357	15	13	51,887	0	0	0	0	0	0	0	0	0	0	0
27	339	356	14	1	51,855	0	0	0	0	0	0	0	0	0	0	0
28	330	353	20	9	51,803	0	0	0	0	0	0	0	0	0	0	0
29	321	351	8	9	51,756	0	0	0	0	0	0	0	0	0	0	0
30	308	395	14	9	51,646	0	0	0	0	0	0	0	0	0	0	0
31	334	414	13	11	51,542	0	0	0	0	0	0	0	0	0	0	0
S.F.D.	10,524	10,439	437	282	51,542	0	53	89	763	21	141	141	27,229	89	18,532	S.F.D.
AC.F.T.	20,874	20,705	867	559	102,232	0	105	177	1,513	41	280	280	54,008	177	36,758	AC.F.T.

TOTAL ACRE-FOOT STORAGE DAYS 3,216,145

TOTAL ACRE-FOOT STORAGE DAYS 1,731,083

TOTAL ACRE-FOOT STORAGE DAYS 1,142,265

JANUARY 2007

WATERMASTER NOTES \*\*\* KERN RIVER BULLETIN

MONTH	DAY(S)	PAGE NO.	TITLE OF COLUMN	COMMENT
January	16-30	1	FRIANT-KERN INFLOW	Friant-Kern Inflow to Kern River Channel on behalf of North Kern Water Storage District.
January	29-31	2	BVWSD FOR ID4	Reflects operational exchange delivery from BUENA VISTA WATER STORAGE DISTRICT to Kern County Water Agency (ID4) under terms of BVWSD/Rosedale-Rio Bravo WSD Kern River Purchase Agreement dated July 24, 2006.

SNOW SURVEY DATA FOR KERN RIVER BASIN

Date: February 1, 2007

SNOW COURSE	SNOW SENSOR	CALIF. NUMBER	ELEV. IN FEET	APRIL 1ST AVERAGE WATER CONTENT	DATE MEASURED	SNOW DEPTH IN INCHES	DENSITY (%)	WATER CONTENT IN INCHES	% OF APRIL 1ST AVERAGE	MEASURED BY
	Upper Tyndall Creek	516	11,400	27.7	1-27	12.7	17%	2.2	9%	DWR
Bighorn Plateau		250	11,350	23.7						DWR
Cottonwood Pass		251	11,050	14.8	2-02	6.7	15%	1.0	7%	DWR
Siberian Pass		252	10,900	20.0	1-30	6.3	11%	0.7	4%	DWR
Crabtree Meadow		253	10,700	19.6	1-29	17.0	16%	2.7	14%	DWR
	Crabtree Meadow	253	10,700	19.8						
Guyot Flat		254	10,650	20.8	1-29	20.0	16%	3.2	15%	DWR
Tyndall Creek		255	10,650	18.8	1-27	7.7	25%	1.9	10%	DWR
Sandy Meadows		275	10,650	19.2	1-28	18.7	16%	2.9	15%	DWR
	Chagoopa Plateau	514	10,300	21.8						
Big Whitney Meadow		257	9,750	17.2	1-30	9.7	13%	1.3	8%	DWR
Rock Creek		256	9,600	17.8	1-29	17.8	17%	3.0	17%	DWR
	Pascoe	569	9,150	24.9	1-31	34.5	22%	7.5	30%	USFS
	Round Meadow	258	9,000	24.1	1-31	28.1	24%	6.8	28%	USFS
	Wet Meadow	518	8,950	30.3						
	Tunnel Guard	830	8,900	15.6						
Ramshaw Meadows		259	8,700	11.5	1-31	12.2	16%	1.9	17%	DWR
Little Whitney Meadow		260	8,500	12.9	2-01	15.2	20%	3.0	23%	DWR
Quinn Ranger Station		264	8,350	18.9						
Bonita Meadows		261	8,300	13.6	1-31	19.8	21%	4.2	31%	USFS
Casa Vieja Meadows		262	8,300	19.8	2-01	18.9	21%	4.0	20%	USFS
	Casa Vieja Meadows	262	8,300	20.9						
Beach Meadows		265	7,650	8.3						
	Beach Meadows	860	7,650	11.0						
Dead Horse Meadow		249	7,300	10.7						

CALIFORNIA COOPERATIVE SNOW SURVEYS FORECAST as of FEBRUARY 1, 2007 for KERN RIVER INFLOW TO ISABELLA RESERVOIR...

April-July = 220,000 acre-feet (48% of Average) \*\*\* Water Year = 370,000 acre-feet (51% of Average)

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

April-July = 100,000 AcFt (22% of Average) to 580,000 AcFt (126% of Average) \*\*\* Water Year = 200,000 AcFt (27% of Average) to 860,000 AcFt (118% of Average)

**REPORT OF THE KERN RIVER WATERMASTER**

FEBRUARY 2007

Quantities in S.F.D. except where noted

PAGE 1 of 5

DAY	ISABELLA RESERVOIR		FLOW AT 1ST POINT	FLOW ABOVE 1ST POINT	FIRST POINT REGULATED FLOW	CHANGE IN STORAGE+LOSS		COMPUTED 1ST POINT NATURAL FLOW	MEAN STORAGE		KERN COUNTY RECREATION POOL LOSS	TOTAL FLOW AT SECOND POINT	SECOND POINT GROUP FLOW		FRIANT-KERN INFLOW								
	ELEVATION (FEET)	MIDNIGHT STORAGE ACRE-FEET				LOSS S.F.D.	+1ST POINT REGULATED FLOW		Recreation Pool + Dead Storage = 15,218 S.F.D. (30,184 ACFT)	IRRIGATION TOTAL			RIVER KERN	FRIANT-KERN									
Previous Day	2568.57	223,182	112,521	19	765	14	779	334	112,521	97,303	2	326	312	0	0								
1	2568.49	222,618	112,237	17	594	13	607	338	112,235	97,017	1	271	162	97	110								
2	2568.42	222,124	111,988	13	555	15	570	352	112,004	96,786	1	259	47	200	215								
3	2568.36	221,771	111,810	19	527	15	542	344	111,787	96,569	2	240	50	178	190								
4	2568.30	221,278	111,561	35	513	15	528	332	111,556	96,338	3	243	99	133	146								
5	2568.24	220,858	111,349	25	472	14	486	323	111,368	96,150	2	158	4	144	168								
6	2568.21	220,647	111,243	23	424	14	438	331	111,238	96,020	2	46	0	46	95								
7	2568.18	220,436	111,137	14	416	14	430	341	111,135	95,917	1	0	0	0	0								
8	2568.15	220,225	111,030	19	403	15	418	340	111,038	95,820	2	0	0	0	0								
9	2568.13	220,085	110,960	19	389	15	404	349	110,964	95,746	2	0	0	0	0								
10	2568.12	220,015	110,924	6	382	14	396	362	110,924	95,706	1	0	0	0	0								
11	2568.19	220,506	111,172	21	384	15	399	668	111,172	95,954	2	0	0	0	0								
12	2568.21	220,647	111,243	17	406	15	421	509	111,243	96,025	1	0	0	0	0								
13	2568.22	220,717	111,278	17	397	15	412	464	111,251	96,033	1	0	0	0	0								
14	2568.21	220,647	111,243	17	387	15	402	402	111,234	96,016	1	0	0	0	0								
15	2568.20	220,576	111,207	15	363	15	378	383	111,224	96,006	1	0	0	0	0								
16	2568.21	220,647	111,243	23	335	13	348	378	111,231	96,013	2	0	0	0	0								
17	2568.21	220,647	111,243	33	320	17	337	379	111,240	96,022	3	0	0	0	0								
18	2568.21	220,647	111,243	21	327	12	339	390	111,270	96,052	2	0	0	0	0								
19	2568.24	220,858	111,349	6	315	14	329	408	111,343	96,125	1	0	0	0	0								
20	2568.26	220,996	111,419	12	326	16	342	422	111,411	96,193	1	0	0	0	0								
21	2568.27	221,067	111,455	19	331	14	345	389	111,436	96,218	2	0	0	0	55								
22	2568.26	220,996	111,419	6	357	15	372	387	111,445	96,227	1	0	0	0	103								
23	2568.27	221,067	111,455	8	357	17	374	367	111,430	96,212	1	0	0	0	103								
24	2568.26	220,996	111,419	10	354	14	368	382	111,434	96,216	1	0	0	0	103								
25	2568.26	220,996	111,419	25	350	12	362	369	111,416	96,198	2	0	0	0	103								
26	2568.26	220,996	111,419	21	341	15	356	380	111,419	96,201	2	0	0	0	101								
27	2568.31	221,348	111,596	2	362	7	369	548	111,596	96,378	0	0	0	0	74								
28	2568.33	221,489	111,667	8	346	15	361	440	111,667	96,449	1	0	0	0	22								
<b>TOTAL SECOND FOOT DAYS</b>													471	11,033	400	11,433	11,050	11,050	42	1,217	362	798	1,588
<b>TOTAL ACRE-FEET</b>													934	21,884	794	22,678	21,917	21,917	83	2,414	718	1,583	3,150

By:  Date: March 21, 2007

**REPORT OF THE KERN RIVER WATERMASTER**

FEBRUARY 2007

Quantities in S.F.D. except where noted

**NORTH KERN WATER STORAGE DISTRICT**

**BUENA VISTA WATER STORAGE DISTRICT**

**HACIENDA WATER DISTRICT**

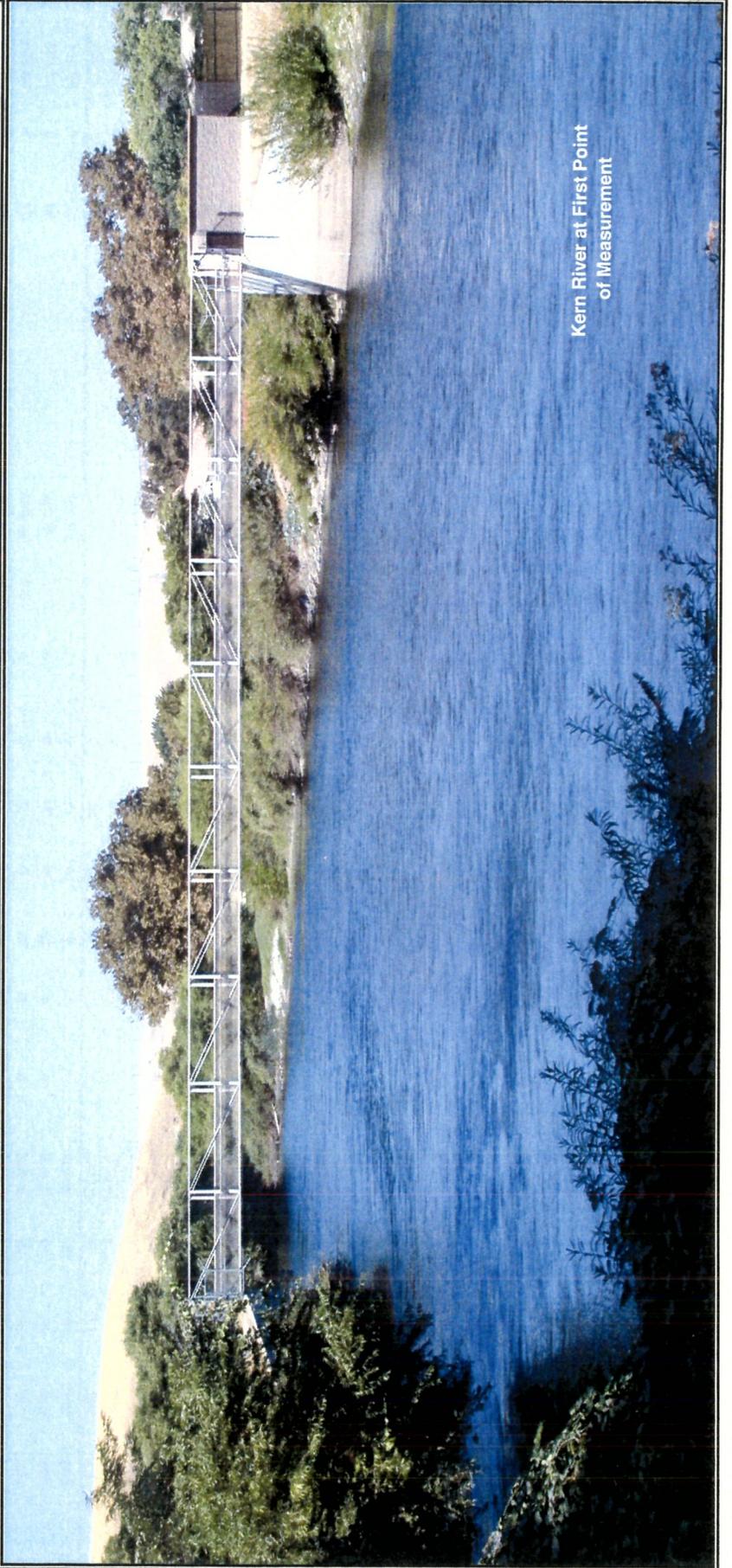
DAY	ENTL AT 1ST		FLOW ABOVE 1ST		RESERVOIR STORAGE		ENTL AT 1ST		FLOW ABOVE 1ST		RESERVOIR STORAGE		ENTL AT 1ST		FLOW ABOVE 1ST		RESERVOIR STORAGE																								
	POINT	POINT	POINT	POINT	LOSS	STORAGE	POINT	POINT	POINT	POINT	LOSS	STORAGE	POINT	POINT	POINT	POINT	LOSS	STORAGE																							
Previous Day	334	414	13	11	51,542	0	0	32	312	1	5	27,229	0	0	3	18,532	0	0	3																						
1	338	285	13	9	51,573	0	23	0	97	0	5	26,915	0	0	3	18,529	0	0	3																						
2	352	197	15	7	51,706	0	17	55	200	0	4	26,553	0	0	2	18,527	0	0	2																						
3	344	202	15	11	51,822	0	16	40	178	0	5	26,223	0	0	3	18,524	0	0	3																						
4	332	191	15	20	51,928	0	9	39	133	0	9	25,892	0	0	6	18,518	0	0	6																						
5	323	226	14	14	51,987	0	17	45	144	0	7	25,639	0	0	4	18,514	0	0	4																						
6	331	276	14	13	52,025	0	18	46	46	0	6	25,485	0	0	4	18,510	0	0	4																						
7	341	319	14	7	52,026	0	19	45	0	0	4	25,384	0	0	3	18,507	0	0	3																						
8	340	304	15	11	52,036	0	11	48	0	0	5	25,280	0	0	3	18,504	0	0	3																						
9	349	293	15	11	52,066	0	14	48	0	0	5	25,179	0	0	3	18,501	0	0	3																						
10	362	296	14	3	52,115	0	4	39	0	0	2	25,105	0	0	1	18,486	0	0	1																						
11	668	306	15	12	52,450	0	4	39	0	0	5	25,057	0	0	4	18,447	0	0	4																						
12	509	326	15	10	52,608	0	4	40	0	0	4	25,009	0	0	3	18,408	0	0	3																						
13	437	317	15	10	52,703	0	4	39	0	0	4	24,962	0	0	3	18,368	0	0	3																						
14	402	334	15	10	52,746	0	6	18	0	0	4	24,934	0	0	3	18,336	0	0	3																						
15	383	312	15	8	52,794	0	19	0	0	0	4	24,911	0	0	3	18,301	0	0	3																						
16	378	284	13	13	52,862	0	21	0	0	0	6	24,884	0	0	4	18,267	0	0	4																						
17	379	259	17	18	52,947	0	22	0	0	0	9	24,853	0	0	6	18,222	0	0	6																						
18	390	273	12	12	53,040	0	17	0	0	0	5	24,831	0	0	4	18,181	0	0	4																						
19	408	262	14	3	53,169	0	14	0	0	0	2	24,815	0	0	1	18,141	0	0	1																						
20	422	276	16	7	53,292	0	16	0	0	0	3	24,796	0	0	2	18,105	0	0	2																						
21	389	273	14	11	53,383	0	5	19	0	0	5	24,767	0	0	3	18,068	0	0	3																						
22	387	297	15	3	53,455	0	0	21	0	0	2	24,744	0	0	1	18,028	0	0	1																						
23	367	301	17	5	53,499	0	0	21	0	0	2	24,721	0	0	1	17,992	0	0	1																						
24	382	299	14	5	53,563	0	2	19	0	0	3	24,697	0	0	2	17,956	0	0	2																						
25	369	298	12	15	53,607	0	1	19	0	0	6	24,671	0	0	4	17,920	0	0	4																						
26	380	282	15	12	53,678	0	3	20	0	0	5	24,643	0	0	4	17,880	0	0	4																						
27	548	298	7	1	53,920	0	5	22	0	0	1	24,615	0	0	0	17,843	0	0	0																						
28	440	294	15	5	54,046	0	3	21	0	0	2	24,589	0	0	1	17,814	0	0	1																						
S.F.D.	11,050	7,880	400	266	54,046	0	294	703	798	362	0	124	24,589	0	81	17,814	0	0	81																						
AC.FT.	21,917	15,630	794	527	107,199	0	582	1,395	1,583	713	0	246	48,772	0	161	35,334	0	0	161																						
TOTAL ACRE-FOOT STORAGE DAYS													2,929,696	TOTAL ACRE-FOOT STORAGE DAYS													1,396,668	TOTAL ACRE-FOOT STORAGE DAYS													1,014,341

**REPORT OF THE KERN RIVER WATERMASTER**

**FEBRUARY 2007**

**WATERMASTER NOTES \*\*\* KERN RIVER BULLETIN**

<u>MONTH</u>	<u>DAY(S)</u>	<u>PAGE NO.</u>	<u>TITLE OF COLUMN</u>	<u>COMMENT</u>
February	1-28	1	FRIANT-KERN INFLOW	Friant-Kern Inflow to Kern River Channel on behalf of North Kern Water Storage District.
February	1-10	2	BWWSO FOR ID4	Reflects operational exchange delivery from BUENA VISTA WATER STORAGE DISTRICT to Kern County Water Agency (ID4) under terms of BWWSO/Rosedale-Rio Bravo WSD Kern River Purchase Agreement dated July 24, 2006.
February	1-6	2	BWWSO VIA NKWSD	Delivered as per terms of BUENA VISTA WATER STORAGE DISTRICT/North Kern Water Storage District Kern River/Friant-Kern Exchange Agreement dated January 30, 2007.
February	2	2	BWWSO VIA CWD	Delivered as per terms of BUENA VISTA WATER STORAGE DISTRICT/Cawelo Water District "Winter" 2007 Exchange Agreement dated February 1, 2007.



**Kern River at First Point  
of Measurement**

**REPORT OF THE KERN RIVER WATERMASTER**

MARCH 2007

Quantities in S.F.D. except where noted

PAGE 1 of 5

DAY	ELEVATION (FEET)	ISABELLA RESERVOIR		LOSS	FLOW AT 1ST POINT	FLOW ABOVE 1ST POINT	FIRST POINT REGULATED FLOW	CHANGE IN STORAGE+LOSS		COMPUTED NATURAL FLOW	MEAN STORAGE		KERN COUNTY RECREATION POOL LOSS	TOTAL FLOW AT SECOND POINT	SECOND POINT GROUP FLOW AT 2ND POINT		FRIANT-KERN INFLOW DAY
		MIDNIGHT STORAGE	RESERVOIR STORAGE					STORAGE+LOSS	REGULATED FLOW		IRRIGATION	RECREATION			KERN RIVER	FRIANT-KERN	
Previous Day	2568.33	221,489	111,667	8	346	15	361	440	440	440	96,449	111,667	1	0	0	0	22
1	2568.37	221,771	111,810	2	286	17	303	448	448	459	96,603	111,821	0	0	0	0	1
2	2568.42	222,124	111,988	22	265	15	280	480	463	463	96,764	111,982	2	0	0	0	2
3	2568.46	222,406	112,130	30	274	15	289	461	461	461	96,906	112,124	3	0	0	0	3
4	2568.49	222,618	112,237	32	287	15	302	441	457	457	97,029	112,247	3	0	0	0	4
5	2568.50	222,688	112,272	52	367	14	381	468	468	468	97,064	112,292	4	0	0	0	5
6	2568.49	222,618	112,237	60	454	15	469	494	476	476	97,011	112,229	5	0	0	0	6
7	2568.48	222,547	112,201	36	451	16	467	467	501	501	97,009	112,227	3	0	0	0	7
8	2568.47	222,476	112,165	36	524	17	541	541	495	495	96,927	112,145	3	0	0	0	8
9	2568.43	222,194	112,023	30	574	14	588	476	510	510	96,819	112,037	3	0	0	0	9
10	2568.41	222,053	111,952	30	540	15	555	514	510	510	96,744	111,962	3	0	0	0	10
11	2568.39	221,912	111,881	33	564	15	579	541	536	536	96,668	111,886	3	0	0	0	11
12	2568.37	221,771	111,810	48	560	16	576	553	560	560	96,604	111,822	4	0	0	0	12
13	2568.37	221,771	111,810	50	517	18	535	585	579	579	96,598	111,816	4	0	0	0	13
14	2568.39	221,912	111,881	66	446	17	463	600	593	593	96,662	111,880	6	0	0	0	14
15	2568.44	222,265	112,059	36	384	17	381	595	628	628	96,873	112,091	3	0	0	0	15
16	2568.51	222,757	112,307	50	374	16	390	688	656	656	97,089	112,307	4	0	0	0	16
17	2568.59	223,323	112,592	30	352	18	370	685	657	657	97,346	112,564	3	0	0	0	17
18	2568.65	223,748	112,806	24	346	15	361	599	676	676	97,637	112,855	2	0	0	0	18
19	2568.69	224,032	112,950	54	531	16	547	745	683	683	97,719	112,937	4	0	0	0	19
20	2568.74	224,386	113,128	18	493	16	509	705	720	720	97,912	113,130	1	0	0	0	20
21	2568.79	224,740	113,306	6	511	15	526	710	697	697	98,077	113,295	0	40	27	0	21
22	2568.81	224,882	113,378	32	553	18	571	675	660	660	98,134	113,352	3	113	79	0	22
23	2568.80	224,811	113,342	38	578	16	594	596	614	614	98,116	113,334	3	120	81	0	23
24	2568.79	224,740	113,306	48	543	16	559	571	563	563	98,072	113,290	4	109	72	0	24
25	2568.77	224,598	113,235	44	534	14	548	521	573	573	98,053	113,271	4	114	79	0	25
26	2568.80	224,811	113,342	44	460	17	477	628	573	573	98,105	113,323	4	75	64	0	26
27	2568.83	225,024	113,450	52	389	22	411	571	588	588	98,230	113,448	4	42	42	0	27
28	2568.87	225,308	113,593	24	377	20	397	564	563	563	98,372	113,590	2	19	19	0	28
29	2568.90	225,522	113,701	36	388	22	410	554	559	559	98,485	113,703	3	0	0	0	29
30	2568.92	225,664	113,772	40	427	21	448	559	557	557	98,554	113,772	3	0	0	0	30
31	2568.94	225,807	113,844	63	396	23	419	554	554	554	98,626	113,844	5	0	0	0	31
<b>TOTAL SECOND FOOT DAYS</b>				1,166	13,725	521	14,246	17,589	17,589	17,589	98,626	113,844	98	632	463	0	0
<b>TOTAL ACRE-FEET</b>				2,313	27,223	1,033	28,256	34,887	34,887	34,887	195,623	225,807	194	1,253	918	0	0

By: *APL*

Date: April 26, 2007

**REPORT OF THE KERN RIVER WATERMASTER**

MARCH 2007

Quantities in S.F.D. except where noted

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

DAY	ENTL			RESERVOIR			ENTL			RESERVOIR			ENTL			RESERVOIR			DAY
	AT 1ST POINT	FLOW ABOVE 1ST POINT	AT 2ND POINT	LOSS	STORAGE	AT 2ND POINT	VIA KWD	VIA CWD	AT 2ND POINT	INC.	LOSS	STORAGE	AT 2ND POINT	NKWS	BVWS	AT 2ND POINT	FOR KCWA	RESERVOIR STORAGE	
Previous Day	440	294	15	5	54,046	0	3	21	0	0	2	24,589	0	28	0	0	17,814		
1	408	282	17	1	54,154	51	4	0	0	0	1	24,635	0	0	0	0	17,814	1	
2	411	265	15	12	54,273	52	0	0	0	0	6	24,681	0	0	0	0	17,810	4	
3	410	271	15	17	54,380	51	3	0	0	0	8	24,721	0	0	0	0	17,805	5	
4	407	278	15	19	54,475	50	9	0	0	0	8	24,754	0	0	0	0	17,800	4	
5	415	343	14	30	54,503	53	24	0	0	0	13	24,770	0	0	0	0	17,791	9	
6	420	423	15	35	54,450	56	31	0	0	0	15	24,780	0	0	0	0	17,781	10	
7	437	410	16	21	54,440	64	41	0	0	0	9	24,794	0	0	0	0	17,775	6	
8	433	480	17	21	54,355	62	44	0	0	0	9	24,803	0	0	0	0	17,769	6	
9	443	532	14	17	54,235	67	42	0	0	0	8	24,820	0	0	0	0	17,764	5	
10	443	490	15	17	54,156	67	50	0	0	0	8	24,829	0	0	0	0	17,759	5	
11	461	507	15	19	54,076	75	57	0	0	0	8	24,839	0	0	0	0	17,753	11	
12	477	502	16	28	54,007	83	58	0	0	0	12	24,852	0	0	0	0	17,745	12	
13	490	464	18	29	53,986	89	53	0	0	0	13	24,875	0	0	0	0	17,737	13	
14	500	381	17	38	54,050	93	65	0	0	0	17	24,886	0	0	0	0	17,726	14	
15	524	354	17	21	54,182	104	10	0	0	0	9	24,971	0	0	0	0	17,720	15	
16	543	370	16	29	54,310	113	4	0	0	0	13	25,067	0	0	0	0	17,712	16	
17	543	352	18	17	54,466	114	0	0	0	0	8	25,173	0	0	0	0	17,707	17	
18	556	345	15	14	54,648	120	1	0	0	0	6	25,286	0	0	0	0	17,703	18	
19	561	530	16	31	54,632	122	1	0	0	0	14	25,393	0	0	0	0	17,694	19	
20	586	489	16	10	54,703	134	4	0	0	0	5	25,518	0	0	0	0	17,691	20	
21	571	467	15	3	54,789	126	4	0	27	0	2	25,611	13	0	0	0	17,677	21	
22	545	439	18	19	54,858	115	1	0	79	0	8	25,638	34	0	0	0	17,638	22	
23	514	458	16	22	54,876	100	0	0	81	0	10	25,647	39	0	0	0	17,593	23	
24	479	434	16	27	54,878	84	0	0	72	0	13	25,646	37	0	0	0	17,548	24	
25	486	420	14	26	54,904	87	0	0	79	0	11	25,643	35	0	0	0	17,506	25	
26	486	385	17	26	54,962	87	0	0	64	0	11	25,655	11	0	0	0	17,488	26	
27	496	347	22	29	55,060	92	0	0	42	0	14	25,691	0	0	0	0	17,479	27	
28	479	336	20	14	55,169	84	0	22	19	0	6	25,728	0	0	0	0	17,475	28	
29	477	348	22	21	55,255	82	0	40	0	0	9	25,761	0	0	0	0	17,469	29	
30	475	370	21	23	55,316	82	0	57	0	0	10	25,776	0	0	0	0	17,462	30	
31	473	340	23	37	55,389	81	0	56	0	0	16	25,785	0	0	0	0	17,452	31	
S.F.D.	14,949	12,412	521	673	55,389	2,640	506	175	463	0	300	25,785	169	0	0	0	193	17,452	S.F.D.
AC.F.T.	29,651	24,620	1,033	1,335	109,863	5,236	1,003	347	918	0	595	51,144	335	0	0	0	383	34,616	AC.F.T.

TOTAL ACRE-FOOT STORAGE DAYS      3,355,906      TOTAL ACRE-FOOT STORAGE DAYS      1,549,146      TOTAL ACRE-FOOT STORAGE DAYS      1,086,630

REPORT OF THE KERN RIVER WATERMASTER

MARCH 2007  
 WATERMASTER NOTES \*\*\* KERN RIVER BULLETIN

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

March None

SOUTH FORK KERN RIVER Nr. ONYX  
 2006 WATER YEAR

Discharge in cubic feet per second

Whole Year Runoff (AcFt) = 145853

DATE	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	41	38	43	221	87	254	215	1310	381	126	52	19
2	40	38	145	398	93	205	207	1470	363	114	50	19
3	38	39	154	374	101	195	218	1550	347	106	47	19
4	36	39	83	206	102	169	449	1510	336	100	46	19
5	35	38	65	183	101	155	616	1330	324	99	44	20
6	35	38	60	174	97	166	529	1210	312	109	43	20
7	35	38	55	162	95	177	495	1210	299	98	40	20
8	35	39	55	148	93	1220	461	1220	294	90	36	20
9	34	40	59	136	94	155	455	1220	284	87	34	20
10	35	41	57	126	93	155	464	1180	260	92	33	19
11	34	43	55	119	92	138	461	1120	244	88	32	19
12	33	42	54	121	92	137	444	1070	228	81	31	19
13	33	41	52	115	93	132	437	1040	216	75	30	19
14	32	41	51	115	96	137	525	1020	208	69	29	19
15	33	40	48	111	98	138	568	1000	201	64	29	19
16	33	40	45	97	90	136	574	946	191	61	28	19
17	33	39	43	97	88	139	604	895	185	59	27	21
18	48	39	58	104	96	132	572	873	176	60	27	22
19	62	38	74	99	92	130	567	902	167	64	26	22
20	58	36	59	84	84	126	616	824	159	70	26	22
21	49	35	65	82	78	126	712	748	152	69	25	23
22	45	37	61	84	80	125	758	780	144	73	24	23
23	43	38	63	90	86	128	746	831	137	78	22	23
24	42	40	65	92	87	130	680	682	130	73	22	27
25	41	39	64	89	84	137	644	600	124	80	21	25
26	40	41	72	86	84	158	697	554	120	73	21	24
27	41	41	73	85	92	158	679	527	117	65	21	28
28	41	36	62	84	375	218	685	490	115	68	20	24
29	34	29	34	68	86	296	850	462	130	67	20	22
30	40	44	64	86	86	229	1090	433	147	62	20	25
31	39	139	89	220	404	56	56	404	19	56	19	19
TOTAL	1224	1172	2111	4143	2843	5060	17018	29411	6491	2476	945	640
MAX. DAY	62	44	154	398	375	296	1090	1550	381	126	52	28
MIN. DAY	32	34	43	82	78	125	207	404	115	56	19	19
MEAN	39	39	68	134	102	163	567	949	216	80	30	21
TOTAL AcFt	2428	2325	4187	8218	5639	10036	33755	58336	12875	4911	1874	1269

**REPORT OF THE KERN RIVER WATERMASTER**

Quantities in S.F.D. except where noted

APRIL 2007

DAY	ISABELLA RESERVOIR		LOSS	FLOW AT 1ST POINT	FLOW ABOVE 1ST POINT	FIRST POINT REGULATED FLOW	CHANGE IN STORAGE+LOSS		COMPUTED 1ST POINT NATURAL FLOW	MEAN STORAGE 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
	ELEVATION (FEET)	MIDNIGHT STORAGE ACRE-FEET					S.F.D.	+1ST POINT REGULATED FLOW					1ST POINT NATURAL FLOW	TOTAL IRRIGATION		RIVER	KERN
Previous Day	2568.94	225,807	113,844	63	396	23	419	554	554	113,844	98,626	5	0	0	0
1	2568.96	225,949	113,916	46	403	22	425	543	544	113,917	98,699	4	0	0	0
2	2568.94	225,807	113,844	71	527	21	548	547	567	113,865	98,647	6	0	0	0
3	2568.94	225,807	113,844	56	533	23	556	612	592	113,845	98,627	5	0	0	0
4	2568.96	225,949	113,916	32	492	21	513	617	645	113,945	98,727	3	0	0	0
5	2569.00	226,234	114,060	46	495	20	515	705	645	114,029	98,811	4	0	0	0
6	2569.03	226,447	114,167	24	461	22	483	614	660	114,182	99,964	2	0	0	0
7	2569.08	226,804	114,347	54	407	20	427	661	653	114,354	99,136	4	0	0	0
8	2569.13	227,161	114,527	69	414	21	435	684	672	114,522	99,304	6	0	0	0
9	2569.16	227,375	114,635	65	477	21	498	671	693	114,652	99,434	5	0	0	0
10	2569.19	227,590	114,743	61	532	21	553	722	718	114,756	99,538	5	0	0	0
11	2569.23	227,876	114,888	58	538	21	559	762	702	114,841	99,623	5	0	0	0
12	2569.24	227,948	114,924	20	545	22	567	623	654	114,908	99,690	2	0	0	0
13	2569.26	228,090	114,995	40	443	23	466	577	587	114,989	99,771	3	0	0	0
14	2569.30	228,376	115,140	16	378	21	399	560	555	115,129	99,911	1	0	0	0
15	2569.32	228,520	115,212	58	376	22	398	528	538	115,211	99,993	5	0	0	0
16	2569.35	228,735	115,321	20	376	21	397	526	509	115,303	100,085	2	0	0	0
17	2569.36	228,807	115,357	42	374	21	395	473	502	115,368	100,150	3	0	0	0
18	2569.38	228,951	115,430	38	371	23	394	505	480	115,416	100,198	3	0	0	0
19	2569.39	229,022	115,465	38	369	21	390	463	491	115,479	100,261	3	0	0	0
20	2569.42	229,238	115,574	4	371	21	392	505	478	115,561	100,343	0	0	0	0
21	2569.43	229,310	115,611	30	374	25	399	466	474	115,606	100,388	2	0	0	0
22	2569.44	229,382	115,647	28	367	20	387	451	489	115,680	100,462	2	0	0	0
23	2569.47	229,597	115,755	49	371	22	393	550	515	115,753	100,535	4	0	0	0
24	2569.50	229,813	115,864	45	370	21	391	545	557	115,874	100,656	4	0	0	0
25	2569.53	230,028	115,973	67	377	22	399	575	563	115,971	100,753	5	0	0	0
26	2569.55	230,172	116,045	69	408	20	428	569	590	116,064	100,846	6	0	0	0
27	2569.57	230,316	116,118	71	460	21	481	625	612	116,124	100,906	6	0	0	0
28	2569.59	230,460	116,190	51	500	20	520	643	684	116,237	101,019	4	0	0	0
29	2569.64	230,821	116,372	81	500	22	522	785	738	116,372	101,154	6	0	0	0
30	2569.70	231,254	116,591	82	543	22	565	866	866	116,591	101,373	7	0	0	0
<b>TOTAL SECOND FOOT DAYS</b>				1,431	13,152	643	13,795	17,973	17,973	116,591	101,373	117	0	0	0
<b>TOTAL ACRE-FEET</b>				2,838	26,087	1,275	27,362	35,649	35,649	231,254	201,070	232	0	0	0

By:  Date: May 21, 2007

**REPORT OF THE KERN RIVER WATERMASTER**

APRIL 2007

Quantities in S.F.D. except where noted

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

DAY	ENTL AT 1ST		FLOW ABOVE 1ST		RESERVOIR STORAGE		ENTL AT 2ND		FLOW ABOVE 1ST PT. CARMEL		RESERVOIR STORAGE		ENTL AT 2ND		FLOW ABOVE 1ST PT. L <sub>a</sub>		RESERVOIR STORAGE																																													
	POINT	POINT	POINT	POINT	LOSS	STORAGE	POINT	POINT	VIA KWD	VIA CWD	AT 2ND POINT	HACIENDA INC.	LOSS	STORAGE	CONTRIBUTED BY: NKWSD	BYWSD	TRANS. LOSS	FOR KCWA	RESERVOIR STORAGE																																											
Previous Day	473	340	23	37	55,389	81	56	0	0	0	0	16	25,785	10	17,452																																															
1	466	403	22	27	55,403	78	0	0	0	0	0	12	25,851	7	17,445																																															
2	482	527	21	41	55,296	85	0	0	0	0	0	19	25,917	11	17,434																																															
3	499	533	23	32	55,207	93	0	0	0	0	0	15	25,995	9	17,425																																															
4	535	490	21	19	55,212	110	2	0	0	0	0	8	26,095	5	17,420																																															
5	535	495	20	27	55,205	110	0	0	0	0	0	12	26,193	7	17,413																																															
6	545	461	22	14	55,253	115	0	0	0	0	0	6	26,302	4	17,409																																															
7	541	407	20	31	55,336	112	0	0	0	0	0	14	26,400	9	17,400																																															
8	554	414	21	40	55,415	118	0	0	0	0	0	18	26,500	11	17,389																																															
9	568	477	21	37	55,448	125	0	0	0	0	0	17	26,608	11	17,378																																															
10	585	527	21	35	55,450	133	5	0	0	0	0	16	26,720	10	17,368																																															
11	574	498	21	34	55,471	128	1	39	0	0	0	15	26,793	9	17,359																																															
12	541	503	22	12	55,475	113	2	40	0	0	0	5	26,859	3	17,356																																															
13	496	401	23	23	55,524	91	3	39	0	0	0	11	26,897	6	17,350																																															
14	474	336	21	9	55,632	81	2	40	0	0	0	4	26,932	3	17,347																																															
15	462	335	22	33	55,704	76	2	39	0	0	0	16	26,951	9	17,338																																															
16	443	333	21	12	55,781	66	4	39	0	0	0	5	26,969	3	17,335																																															
17	438	285	21	24	55,889	64	4	85	0	0	0	11	26,933	7	17,328																																															
18	423	295	23	22	55,972	57	4	72	0	0	0	10	26,904	6	17,322																																															
19	430	334	21	22	56,025	61	5	30	0	0	0	10	26,920	6	17,316																																															
20	421	344	21	2	56,079	57	3	24	0	0	0	1	26,949	1	17,315																																															
21	419	355	25	17	56,101	55	1	18	0	0	0	8	26,977	5	17,310																																															
22	429	349	20	17	56,144	60	1	17	0	0	0	7	27,012	4	17,306																																															
23	447	350	22	28	56,191	68	3	18	0	0	0	13	27,046	8	17,298																																															
24	475	345	21	26	56,274	82	3	22	0	0	0	12	27,091	7	17,291																																															
25	479	353	22	38	56,340	84	3	21	0	0	0	18	27,133	11	17,280																																															
26	498	384	20	40	56,394	92	1	23	0	0	0	18	27,183	11	17,269																																															
27	513	433	21	41	56,412	99	1	26	0	0	0	19	27,236	11	17,258																																															
28	562	418	20	29	56,507	122	0	82	0	0	0	14	27,262	8	17,250																																															
29	599	424	22	46	56,614	139	0	76	0	0	0	22	27,303	13	17,237																																															
30	686	455	22	47	56,776	180	0	88	0	0	0	22	27,373	13	17,224																																															
S.F.D.	15,119	12,264	643	825	56,776	2,854	50	838	0	0	0	378	27,373	228	17,224	S.F.D.																																														
AC.FT.	29,988	24,326	1,275	1,636	112,613	5,661	99	1,662	0	0	0	750	54,294	452	34,163	AC.FT.																																														
TOTAL ACRE-FOOT STORAGE DAYS																				3,321,380	TOTAL ACRE-FOOT STORAGE DAYS																				1,593,329	TOTAL ACRE-FOOT STORAGE DAYS																				1,031,742

MONTH

DAY(S)

PAGE NO.

TITLE OF COLUMN

COMMENT

April

None

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	9.1	12.8	12.0	12.8	12.7	4.9	..	18.5	4.4	5.2	10.6	14.6	10.5	6.8	8.6	51%	
1949	13.2	5.8	9.1	12.8	12.0	12.8	12.7	11.6	16.9	9.8	9.4	10.8	10.8	20.1	15.0	10.5	13.1	45%	
1950	21.0	10.9	18.5	17.8	18.8	18.3	16.8	16.1	16.9	30.2	10.5	12.1	19.7	17.6	13.5	7.1	16.6	64%	
1951	43.2	31.7	35.5	35.7	31.7	35.5	30.5	30.7	37.5	4.3	0.0	0.0	0.0	1.6	0.0	0.0	6.5	56%	
1952	16.8	9.4	14.1	12.3	14.2	12.3	12.9	12.3	12.3	5.9	6.3	9.2	4.9	18.4	36.2	25.2	47.1	238%	
1953	22.0	11.8	18.0	16.8	18.0	16.8	18.7	15.7	18.3	12.1	19.4	12.2	23.5	21.3	15.4	10.1	17.8	75%	
1954	14.7	8.1	13.4	13.4	15.3	13.4	13.4	10.7	12.3	14.9	7.0	8.0	11.3	13.5	6.5	3.3	11.1	47%	
1955	33.3	12.6	26.7	26.7	27.9	25.1	24.3	21.7	23.0	22.3	24.3	13.5	15.1	12.8	8.9	0.0	18.9	112%	
1956	14.3	11.7	14.1	11.8	12.6	10.5	11.2	11.5	10.0	14.7	6.8	7.1	10.9	14.4	6.3	0.0	10.5	62%	
1957	25.9	20.5	25.0	23.5	25.3	24.5	24.0	22.7	23.7	17.0	17.0	21.2	30.9	24.8	26.6	21.6	24.8	177%	
1958	11.3	4.7	9.1	9.0	10.7	9.2	8.4	8.7	8.7	6.0	5.6	6.8	8.4	5.7	1.8	0.0	7.0	28%	
1959	6.0	7.3	6.0	7.1	7.8	4.5	4.3	6.3	4.8	3.2	0.0	0.0	0.0	11.9	5.9	2.7	8.1	38%	
1960	6.0	6.0	6.0	7.1	7.8	4.5	4.3	6.3	4.8	3.2	0.0	0.0	0.0	11.9	5.9	2.7	8.1	38%	
1961	6.0	6.0	6.0	7.1	7.8	4.5	4.3	6.3	4.8	3.2	0.0	0.0	0.0	11.9	5.9	2.7	8.1	38%	
1962	37.4	27.0	31.8	33.7	35.5	32.6	31.4	30.7	30.6	40.5	11.0	12.6	32.1	35.3	27.6	21.3	32.0	110%	
1963	19.7	17.5	18.4	17.1	18.4	17.1	17.2	17.0	13.5	12.6	17.2	11.0	12.6	11.0	11.0	11.0	13.5	101%	
1964	5.1	1.5	3.9	6.1	6.1	5.4	4.8	4.3	5.8	15.1	..	..	8.1	10.8	5.2	2.7	6.1	39%	
1965	25.8	13.1	16.4	20.1	18.0	19.8	17.8	13.7	15.0	25.2	17.8	11.4	17.0	16.5	10.3	7.0	16.0	97%	
1966	37.1	28.2	35.8	32.2	35.8	30.6	30.0	30.3	30.4	19.4	13.5	20.3	27.8	10.6	10.9	4.7	11.5	47%	
1967	55.3	48.5	59.6	48.5	59.6	46.5	46.6	46.6	46.6	11.1	17.5	16.2	12.9	9.7	8.6	3.0	25.5	196%	
1968	17.0	9.1	12.6	16.4	14.7	16.1	14.6	11.4	12.5	16.7	34.5	34.5	13.4	16.7	50.2	36.6	49.5	372%	
1969	15.7	12.6	11.7	13.2	13.2	11.9	13.1	10.8	11.1	21.2	3.3	5.5	14.0	15.9	9.4	3.4	11.2	52%	
1970	7.6	2.5	6.6	6.3	7.6	4.1	3.4	5.4	4.1	4.8	0.0	0.0	0.0	2.2	0.0	0.0	3.7	27%	
1971	33.6	24.4	30.0	31.7	33.7	34.4	31.8	27.2	30.4	42.7	24.1	28.2	31.7	40.8	28.1	22.3	30.8	154%	
1972	25.4	13.2	20.6	20.5	22.6	19.0	20.4	19.1	18.1	28.8	14.3	14.8	14.8	21.2	22.0	10.1	19.4	114%	
1973	18.9	17.6	16.9	16.2	16.2	16.2	15.1	15.9	16.1	26.8	11.6	14.0	20.7	22.3	10.3	10.3	16.5	82%	
1974	3.0	3.0	3.0	4.7	4.7	4.7	3.5	3.5	3.6	10.9	0.9	0.0	7.2	6.3	6.7	2.2	4.8	23%	
1975	3.0	3.0	3.0	4.7	4.7	4.7	3.5	3.5	3.6	10.9	0.9	0.0	7.2	6.3	6.7	2.2	4.8	23%	
1976	3.0	3.0	3.0	4.7	4.7	4.7	3.5	3.5	3.6	10.9	0.9	0.0	7.2	6.3	6.7	2.2	4.8	23%	
1977	43.1	40.1	40.1	39.7	41.7	40.1	40.6	37.3	39.6	31.9	46.8	37.6	41.1	43.7	32.5	21.9	38.7	207%	
1978	19.9	13.2	17.5	18.2	17.5	17.7	18.8	14.7	14.2	25.3	12.2	14.2	14.2	16.2	18.2	14.9	16.9	289%	
1979	40.9	29.4	34.4	35.1	34.5	35.7	35.7	29.5	33.5	25.0	21.6	27.4	30.0	36.7	18.7	16.2	30.2	211%	
1980	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	17.4	12.3	7.5	13.0	54%	
1981	32.4	17.4	24.6	23.2	24.3	24.1	26.3	20.3	23.7	31.0	15.2	19.0	23.2	23.0	23.0	11.6	23.0	169%	
1982	21.9	34.9	45.0	45.3	42.2	48.9	43.7	38.6	44.7	63.4	33.2	37.6	48.1	52.1	42.2	30.6	44.0	335%	
1983	18.6	17.2	20.5	17.2	20.8	16.1	15.5	12.9	13.8	15.7	21.1	2.6	11.9	9.4	2.1	10.8	11.9	90%	
1984	18.6	17.2	20.5	17.2	20.8	16.1	15.5	12.9	13.8	15.7	21.1	2.6	11.9	9.4	2.1	10.8	11.9	90%	
1985	48.1	34.1	39.3	39.3	37.3	36.5	35.1	34.8	36.5	44.2	22.8	25.4	32.0	29.8	21.7	10.8	18.3	90%	
1986	11.3	7.6	8.9	9.3	11.5	9.2	11.0	7.8	8.1	15.8	6.3	8.3	9.0	17.3	9.0	1.6	9.5	185%	
1987	9.6	8.9	8.8	8.8	8.9	9.0	9.0	4.0	6.3	7.2	0.0	0.0	2.7	2.4	0.4	0.0	5.1	34%	
1988	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%	
1989	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%	
1990	14.1	14.1	14.1	16.9	17.1	17.2	17.2	15.1	17.0	24.7	11.6	14.6	14.0	15.0	15.0	7.0	14.0	59%	
1991	13.2	13.2	13.2	12.2	12.2	12.2	12.2	9.1	9.9	21.0	7.7	8.0	10.8	12.8	11.0	4.0	11.1	38%	
1992	13.4	13.4	13.4	12.2	12.2	12.2	12.2	9.1	9.9	21.0	7.7	8.0	10.8	12.8	11.0	4.0	11.1	38%	
1993	13.4	13.4	13.4	12.2	12.2	12.2	12.2	9.1	9.9	21.0	7.7	8.0	10.8	12.8	11.0	4.0	11.1	38%	
1994	13.4	13.4	13.4	12.2	12.2	12.2	12.2	9.1	9.9	21.0	7.7	8.0	10.8	12.8	11.0	4.0	11.1	38%	
1995	35.3	30.5	34.8	32.8	35.3	33.0	34.5	30.5	32.2	44.4	23.9	26.1	32.2	32.1	24.0	14.5	27.3	124%	
1996	29.6	23.4	26.4	23.2	24.6	23.4	25.9	18.6	21.9	31.0	12.5	16.5	20.5	21.0	16.5	16.5	32.3	198%	
1997	32.5	28.1	26.4	26.4	28.1	26.4	26.1	26.1	23.7	26.1	13.2	16.5	20.5	22.1	16.5	21.0	32.3	198%	
1998	36.9	34.6	33.1	33.1	34.6	31.6	33.7	27.9	30.6	..	22.9	26.3	..	..	..	..	30.5	242%	
1999	12.3	5.7	10.6	10.7	11.0	9.5	10.0	10.4	8.5	20.3	5.0	6.0	13.5	8.0	6.9	0.6	9.3	54%	
2000	22.0	13.8	17.0	17.9	19.2	16.9	19.4	14.2	17.2	23.8	9.9	13.1	17.2	17.4	11.7	6.1	16.1	65%	
2001	22.4	14.5	19.1	17.9	19.2	16.9	19.4	14.2	17.2	23.8	9.9	13.1	17.2	17.4	11.7	6.1	16.1	65%	
2002	11.5	7.1	12.6	12.7	12.7	12.6	12.6	12.8	10.5	15.3	6.3	8.9	11.5	10.2	10.8	3.4	11.5	53%	
2003	16.6	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.4	14.4	..	12.6	46%	
2004	17.9	11.4	15.0	13.0	13.7	10.6	10.6	11.2	10.6	18.7	6.3	8.5	7.1	11.1	..	..	11.8	69%	
2005	31.0	30.2	34.7	29.8	34.7	29.8	29.5	29.9	29.0	40.5	26.4	28.2	34.8	36.0	18.2	32.5	20.2	168%	
2006	25.9	23.5	23.5	23.5	25.0	23.1	23.7	21.1	20.3	..	16.3	18.7	..	..	..	14.5	31.9	169%	
2007	7.4	0.0	3.0	4.0	5.2	3.4	6.0	0.0	3.7	9.3	0.0	1.2	..	2.4	..	0.0	3.3	30% (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	0.0	3.0	3.0	4.0	3.1	4.0	0.0	0.0	4.3	0.0	0.0	0.0	1.6	0.0	0.0	0.0	3.3	..
AVERAGE	22.1	14.2	18.5	18.7	20.1	18.4	18.7	16.6	17.3	24.5	11.1	13.2	19.4	18.6	13.7	8.0	17.1	..	..

**REPORT OF THE KERN RIVER WATERMASTER**

MAY 2007

Quantities in S.F.D. except where noted

PAGE 1 of 5

DAY	ELEVATION (FEET)	ISABELLA RESERVOIR		FLOW AT 1ST POINT	FLOW ABOVE 1ST POINT	FIRST POINT REGULATED FLOW	CHANGE IN STORAGE+LOSS		COMPUTED 1ST POINT NATURAL FLOW	MEAN STORAGE		KERN COUNTY RECREATION POOL LOSS	TOTAL FLOW AT SECOND POINT	SECOND POINT GROUP FLOW AT 2ND POINT		FRIANT-KERN INFLOW DAY
		ACRE-FEET	S.F.D.				LOSS	LOSS		IRRIGATION	RECREATION			RIVER	KERN	
Previous Day	2569.70	231,254	116,591	82	543	565	866	866	866	116,591	101,373	7	0	0	0	0
1	2569.74	231,543	116,736	83	625	647	875	875	875	116,736	101,518	7	0	0	0	0
2	2569.79	231,903	116,918	71	610	632	885	885	885	116,918	101,700	6	0	0	0	0
3	2569.82	232,120	117,027	56	622	644	809	809	809	117,027	101,809	4	0	0	0	0
4	2569.86	232,410	117,173	48	551	573	767	767	767	117,182	101,964	4	0	0	0	0
5	2569.94	232,990	117,466	52	427	449	794	794	750	117,431	102,213	4	0	0	0	0
6	2569.99	233,353	117,649	73	411	433	689	689	688	117,613	102,395	6	0	0	0	0
7	2569.99	233,353	117,649	67	489	513	580	580	613	117,646	102,428	5	0	0	0	0
8	2569.98	233,280	117,612	50	533	558	571	587	587	117,625	102,407	4	0	0	0	0
9	2569.98	233,280	117,612	48	539	563	611	689	689	117,703	102,485	4	0	0	0	0
10	2570.05	233,787	117,868	75	530	554	885	796	796	117,870	102,652	6	0	0	0	0
11	2570.15	234,515	118,235	86	414	438	891	894	894	118,240	103,022	7	0	0	0	0
12	2570.26	235,388	118,675	88	352	377	905	925	925	118,700	103,482	7	0	0	0	0
13	2570.40	236,338	119,154	88	386	411	978	927	927	119,128	103,910	7	0	0	0	0
14	2570.51	237,142	119,559	48	420	446	899	949	949	119,583	104,365	4	0	0	0	0
15	2570.62	237,949	119,966	80	459	483	970	936	936	119,956	104,738	6	0	0	0	0
16	2570.71	238,610	120,299	99	483	507	939	969	969	120,319	105,101	8	0	0	0	0
17	2570.81	239,345	120,670	89	514	539	999	986	986	120,677	105,459	7	0	0	0	0
18	2570.92	240,157	121,079	85	501	527	1,021	1,018	1,018	121,083	105,865	6	0	0	0	0
19	2571.06	241,190	121,600	93	393	419	1,033	997	997	121,568	106,350	7	0	0	0	0
20	2571.16	241,931	121,974	91	447	473	938	970	970	121,974	106,756	7	0	0	0	0
21	2571.24	242,525	122,273	90	525	551	940	933	933	122,266	107,048	7	0	0	0	0
22	2571.30	242,969	122,497	102	570	595	921	909	909	122,478	107,260	8	0	0	0	0
23	2571.34	243,266	122,647	69	621	646	865	857	857	122,620	107,402	5	0	0	0	0
24	2571.35	243,340	122,684	85	638	664	786	795	795	122,666	107,448	6	0	0	0	0
25	2571.34	243,266	122,647	73	672	697	733	722	722	122,618	107,400	5	0	0	0	0
26	2571.32	243,117	122,572	81	616	642	648	704	704	122,599	107,381	6	0	0	0	0
27	2571.30	242,969	122,497	85	695	721	727	727	727	122,520	107,302	6	0	0	0	0
28	2571.26	242,671	122,347	81	845	870	801	780	780	122,349	107,131	6	0	0	0	0
29	2571.20	242,228	122,123	79	927	953	808	804	804	122,121	106,903	6	0	0	0	0
30	2571.13	241,708	121,861	81	957	983	802	804	804	121,861	106,643	6	0	0	0	0
31	2571.05	241,116	121,563	81	963	990	773	773	773	121,563	106,345	6	0	0	0	0
<b>TOTAL SECOND FOOT DAYS</b>				2,377	17,735	18,498	25,847	25,847	25,847	121,563	106,345	183	0	0	0	0
<b>TOTAL ACRE-FEET</b>				4,715	35,177	36,690	51,267	51,267	51,267	241,116	210,932	363	0	0	0	0

By:  Date: June 19, 2007

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Quantities in S.F.D. except where noted

**NORTH KERN WATER STORAGE DISTRICT**

**BUENA VISTA WATER STORAGE DISTRICT**

**HACIENDA WATER DISTRICT**

DAY	ENTL AT 1ST		FLOW ABOVE 1ST		RESERVOIR STORAGE	ENTL AT 2ND	FLOW VIA		AT 2ND POINT	HACIENDA INC.	RESERVOIR STORAGE	ENTITLEMENT		FLOW FOR		RESERVOIR STORAGE	DAY
	POINT	POINT	POINT	POINT			KDWD	CWD				NKWS	BYWSD	TRANS. LOSS	KCWA			LOSS	STORAGE
Previous Day	686	455	22	47	56,776	180	0	88	0	0	22	27,373	0	0	0	13	17,224
1	692	536	22	48	56,862	183	0	88	0	0	22	27,445	0	0	0	13	17,211
2	699	527	22	41	56,971	186	0	82	0	0	19	27,529	0	0	0	11	17,200
3	647	538	22	32	57,026	162	0	83	0	0	15	27,592	0	0	0	9	17,191
4	625	467	22	28	57,134	151	0	83	0	0	13	27,646	0	0	0	7	17,184
5	607	350	22	30	57,339	143	0	77	0	0	14	27,698	0	0	0	8	17,176
6	565	335	22	42	57,505	123	0	76	0	0	20	27,725	0	0	0	11	17,165
7	513	438	24	39	57,517	100	0	44	0	0	18	27,756	0	0	0	10	17,155
8	496	512	25	29	57,447	91	0	6	0	0	13	27,813	0	0	0	8	17,147
9	565	516	24	28	57,444	124	0	6	0	0	13	27,901	0	0	0	7	17,140
10	638	518	24	43	57,497	158	0	3	0	0	20	28,027	0	0	0	12	17,128
11	705	400	24	50	57,728	189	0	9	0	0	23	28,179	0	0	0	13	17,115
12	726	339	25	51	58,039	199	0	4	0	0	24	28,341	0	0	0	13	17,102
13	728	372	25	51	58,319	199	0	6	0	0	24	28,502	0	0	0	13	17,089
14	742	407	26	28	58,600	207	0	6	0	0	13	28,683	0	0	0	7	17,082
15	734	451	24	46	58,813	202	0	3	0	0	22	28,855	0	0	0	12	17,070
16	756	475	24	57	59,013	213	0	4	0	0	27	29,033	0	0	0	15	17,055
17	768	507	25	52	59,197	218	0	4	0	0	24	29,220	0	0	0	13	17,042
18	790	475	26	49	59,437	228	0	2	0	0	23	29,399	0	0	0	13	17,029
19	775	369	26	53	59,764	222	0	1	0	0	26	29,571	0	0	0	14	17,015
20	757	441	26	53	60,001	213	0	2	0	0	25	29,753	0	0	0	13	17,002
21	732	508	26	52	60,147	201	0	3	0	0	25	29,912	0	0	0	13	16,989
22	715	550	25	59	60,228	194	0	3	0	0	28	30,058	0	0	0	15	16,974
23	680	577	25	40	60,266	177	0	29	0	0	19	30,172	0	0	0	10	16,964
24	637	602	26	49	60,226	158	0	25	0	0	24	30,270	0	0	0	12	16,952
25	588	573	25	42	60,174	134	0	94	0	0	20	30,285	0	0	0	11	16,941
26	575	523	26	46	60,154	129	0	93	0	0	23	30,298	0	0	0	12	16,929
27	591	556	26	49	60,114	136	0	118	0	0	24	30,271	0	0	0	12	16,917
28	627	672	25	46	59,998	153	0	139	0	0	23	30,228	0	0	0	12	16,905
29	644	762	26	45	59,809	160	0	139	0	0	22	30,201	0	0	0	12	16,893
30	644	808	26	46	59,573	160	0	95	0	0	23	30,189	0	0	0	12	16,881
31	622	769	27	46	59,353	151	0	142	0	0	23	30,123	0	0	0	12	16,869
S.F.D.	20,583	15,873	763	1,370	59,353	5,264	0	891	0	0	652	30,123	0	0	0	355	16,869
AC.F.T.	40,826	31,484	1,513	2,718	117,725	10,441	0	1,926	0	0	1,293	59,748	0	0	0	704	33,459
TOTAL ACRE-FOOT STORAGE DAYS	3,613,277																
TOTAL ACRE-FOOT STORAGE DAYS	1,782,495																
TOTAL ACRE-FOOT STORAGE DAYS	1,048,288																

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 WATERMASTER NOTES \*\*\* KERN RIVER BULLETIN

MONTH

DAYS(S)

PAGE NO.

TITLE OF COLUMN

COMMENT

May

None

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

In Order of Magnitude

Rank	Year	May Runoff (AcF)	April-July Runoff (AcF)	April-July Average % of	May Runoff (AcF)	April-July Runoff (AcF)	April-July Average % of	Year	Rank	Year	May Runoff (AcF)	April-July Runoff (AcF)	April-July Average % of	May Runoff (AcF)	April-July Runoff (AcF)	April-July Average % of
1	2001	124,417	250,292	53%	49,71%	250,292	49,71%	2001	81	1983	478,625	1,545,810	329%	478,625	1,545,810	329%
2	1924	41,722	92,556	20%	45,08%	162,043	34%	1988	82	1955	69,544	224,785	48%	69,544	224,785	30,94%
3	1947	110,325	249,572	53%	44,21%	127,720	27%	1972	83	1914	210,676	685,012	146%	210,676	685,012	30,76%
4	1976	47,151	108,754	23%	43,36%	239,980	51%	1948	84	1989	71,849	234,430	50%	71,849	234,430	30,65%
5	1897	281,639	654,262	139%	43,05%	316,646	67%	1959	85	1959	39,945	130,585	28%	39,945	130,585	30,59%
6	1931	41,867	98,062	21%	42,69%	211,408	45%	1987	86	1908	79,418	260,894	55%	79,418	260,894	30,44%
7	1926	98,598	232,782	50%	42,36%	248,319	53%	1968	87	1956	159,683	525,641	112%	159,683	525,641	30,38%
8	2000	129,406	306,496	65%	42,22%	521,717	111%	1927	88	1916	472,994	1,571,597	334%	472,994	1,571,597	30,10%
9	1992	74,394	179,153	38%	41,53%	1,747,874	372%	1969	89	1935	103,787	350,647	75%	103,787	350,647	29,60%
10	1937	352,050	852,047	181%	41,32%	222,002	47%	2004	90	1917	165,062	560,304	119%	165,062	560,304	29,46%
11	1919	140,215	342,997	73%	40,88%	191,004	41%	1994	91	1907	199,950	678,748	144%	199,950	678,748	29,46%
12	1949	84,508	209,911	45%	40,26%	325,076	69%	2003	92	1932	154,742	526,432	112%	154,742	526,432	29,39%
13	1973	288,652	723,768	154%	39,88%	211,722	45%	1913	93	1967	269,631	924,005	197%	269,631	924,005	29,18%
14	1946	155,476	390,747	83%	39,79%	196,888	42%	1900	94	1930	67,851	232,582	49%	67,851	232,582	29,17%
15	1928	76,885	193,702	41%	39,69%	168,472	36%	1960	95	1980	287,825	991,025	211%	287,825	991,025	29,04%
16	1954	139,719	354,117	75%	39,46%	424,293	90%	1985	96	1963	137,839	476,579	101%	137,839	476,579	28,92%
17	2007	51,267	130,000	28%	39,44% (e)	319,408	68%	1970	97	1965	131,980	456,668	97%	131,980	456,668	28,90%
18	1979	164,935	419,859	89%	39,28%	597,350	127%	1945	98	1991	79,763	276,543	59%	79,763	276,543	28,84%
19	1922	242,259	617,710	131%	39,22%	268,269	57%	1939	99	1942	150,036	522,905	111%	150,036	522,905	28,69%
20	1929	85,995	219,532	47%	39,17%	584,691	124%	1993	100	1902	109,904	369,596	83%	109,904	369,596	28,21%
21	2006	309,409	795,728	169%	38,88%	535,166	114%	1974	101	1995	255,046	929,221	198%	255,046	929,221	27,45%
22	1941	386,666	995,657	212%	38,84%	87,374	19%	1961	102	1915	124,506	455,242	97%	124,506	455,242	27,35%
23	1952	434,769	1,119,815	238%	38,83%	113,344	24%	1990	103	1971	66,635	244,475	52%	66,635	244,475	27,26%
24	1895	268,635	694,729	148%	38,67%	182,928	39%	1964	104	1957	79,355	292,346	62%	79,355	292,346	27,14%
25	1940	196,465	510,614	109%	38,48%	295,400	63%	1894	105	1998	308,440	1,137,373	242%	308,440	1,137,373	27,12%
26	1984	161,613	423,132	90%	38,19%	135,303	29%	1898	106	1977	25,630	95,649	20%	25,630	95,649	26,80%
27	1958	316,974	831,669	177%	38,11%	1,094,375	233%	1978	107	1962	135,884	515,474	110%	135,884	515,474	26,36%
28	1975	147,001	386,180	82%	38,07%	396,989	85%	1903	108	1911	184,481	701,168	149%	184,481	701,168	26,31%
29	1936	219,404	581,624	124%	37,72%	886,674	189%	1986	109	1953	86,019	329,570	70%	86,019	329,570	26,10%
30	1996	225,987	599,331	127%	37,71%	299,906	64%	1950	110	1906	360,234	1,391,636	296%	360,234	1,391,636	25,89%
31	1999	95,199	252,627	54%	37,68%	981,769	205%	1938	111	1899	51,353	213,710	45%	51,353	213,710	24,03%
32	1997	214,290	571,476	122%	37,50%	313,113	67%	1925	112	1918	78,722	334,816	71%	78,722	334,816	23,51%
33	1966	82,336	219,893	47%	37,44%	215,307	46%	2002	113	1896	86,174	372,922	79%	86,174	372,922	23,11%
34	1934	43,065	116,145	25%	37,08%	261,884	56%	1951	114	1933	60,026	299,584	64%	60,026	299,584	20,04%
35	1944	150,109	405,391	86%	37,03%	366,396	78%	1905	115	1909	382,617	1,218,975	259%	382,617	1,218,975	31,39%
36	1920	158,904	430,813	92%	36,88%	582,041	124%	1901	116	1901	186,446	582,041	124%	186,446	582,041	32,03%
37	2005	286,847	788,500	168%	36,63%	796,794	169%	1982	117	1982	254,985	796,794	169%	254,985	796,794	32,00%
38	1943	254,785	697,182	148%	36,54%	251,812	54%	1912	118	1912	80,471	251,812	54%	80,471	251,812	31,96%
39	1981	91,914	252,681	54%	36,38%	1,218,975	259%	1909	119	1909	382,617	1,218,975	259%	382,617	1,218,975	31,39%
40	1923	120,849	332,532	71%	36,34%	321,325	68%	1921	120	1921	100,096	321,325	68%	100,096	321,325	31,15%

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DAY	ISABELLA RESERVOIR		LOSS	FLOW AT 1ST POINT	FLOW ABOVE 1ST POINT	FIRST POINT REGULATED FLOW	CHANGE IN STORAGE+LOSS		COMPUTED 1ST POINT NATURAL FLOW	MEAN STORAGE 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.	REGULATED FLOW					NATURAL FLOW	RIVER			KERN
Previous Day	2571.05	241,116	121,563	81	963	27	773	773	773	121,563	106,345	0	0	0	0	0
1	2570.98	240,600	121,303	85	851	27	703	703	703	121,303	106,085	6	0	0	0	1
2	2570.94	240,304	121,153	96	681	27	708	654	628	121,127	105,909	7	0	0	0	2
3	2570.85	239,640	120,819	89	796	26	822	577	576	120,792	105,574	7	0	0	0	3
4	2570.72	238,684	120,337	78	874	28	902	498	543	120,355	105,137	6	0	0	0	4
5	2570.61	237,875	119,929	93	844	26	870	555	517	119,909	104,691	7	0	0	0	5
6	2570.49	236,987	119,486	53	861	26	887	497	511	119,480	104,262	4	0	0	0	6
7	2570.36	236,045	119,006	60	876	26	902	482	465	118,983	103,765	5	0	0	0	7
8	2570.23	235,098	118,529	66	800	28	828	417	426	118,515	103,297	5	0	0	0	8
9	2570.13	234,369	118,161	71	649	26	675	378	392	118,161	102,943	6	0	0	0	9
10	2570.04	233,714	117,831	90	592	28	620	380	397	117,848	102,630	7	0	0	0	10
11	2569.92	232,845	117,393	99	745	26	771	432	409	117,387	102,169	8	0	0	0	11
12	2569.76	231,686	116,808	88	885	28	913	416	445	116,831	101,613	7	0	0	0	12
13	2569.61	230,604	116,263	87	919	26	945	480	461	116,260	101,042	7	0	0	0	13
14	2569.44	229,382	115,647	98	969	29	998	480	479	115,643	100,425	8	0	0	0	14
15	2569.31	228,448	115,176	102	811	27	838	469	457	115,160	99,942	8	0	0	0	15
16	2569.23	227,876	114,888	119	564	28	592	423	437	114,886	99,668	10	0	0	0	16
17	2569.16	227,375	114,635	114	529	29	558	419	412	114,626	99,408	9	0	0	0	17
18	2569.05	226,589	114,239	106	656	28	684	394	389	114,225	99,007	9	0	0	0	18
19	2568.90	225,522	113,701	93	769	29	798	353	386	113,720	98,502	8	0	0	0	19
20	2568.74	224,386	113,128	94	861	29	890	411	383	113,119	97,901	8	0	0	0	20
21	2568.56	223,111	112,485	103	895	29	924	384	368	112,460	97,242	9	16	16	0	21
22	2568.36	221,700	111,774	96	893	30	923	308	324	111,765	96,547	8	34	34	0	22
23	2568.22	220,717	111,278	100	650	27	677	281	273	111,261	96,043	8	37	37	0	23
24	2568.03	219,384	110,606	112	765	26	791	231	265	110,623	95,405	10	61	61	0	24
25	2567.83	217,988	109,902	105	854	28	882	283	257	109,893	94,675	9	53	53	0	25
26	2567.61	216,458	109,131	90	908	29	937	256	257	109,123	93,905	8	83	83	0	26
27	2567.36	214,726	108,258	111	966	29	995	233	250	108,267	93,049	10	81	81	0	27
28	2567.12	213,072	107,424	108	959	28	987	261	253	107,425	92,207	10	85	85	0	28
29	2566.88	211,426	106,594	95	970	29	999	264	263	106,594	91,376	9	84	84	0	29
30	2566.68	210,060	105,905	95	806	28	834	240	240	105,905	90,687	9	94	94	0	30
<b>TOTAL SECOND FOOT DAYS</b>				2,796	24,198	830	25,028	12,166	12,166	105,905	90,687	232	628	628	0	0
<b>TOTAL ACRE-FEET</b>				5,546	47,996	1,646	49,642	24,131	24,131	210,060	179,876	460	1,246	1,246	0	0

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**NORTH KERN WATER STORAGE DISTRICT**

**BUENA VISTA WATER STORAGE DISTRICT**

**HACIENDA WATER DISTRICT**

DAY	FLOW ABOVE 1ST POINT			ENTL AT 1ST POINT	RESERVOIR STORAGE			ENTL AT 2ND POINT	FLOW AT 2ND POINT			FLOW ABOVE 1ST PT. CARMEL			ENTITLEMENT Contributed by:			RESERVOIR STORAGE											
	ENTL AT 1ST POINT	FLOW AT 1ST POINT	FLOW ABOVE 1ST POINT		LOSS	STORAGE	LOSS		STORAGE	VIA KWDW	VIA CWD	VIA AT 2ND POINT	HACIENDA INC.	La	NKWSD	BYWSD	TRANS. LOSS	FOR KCWA	LOSS	STORAGE	DAY								
Previous Day	622	769	27	46	59,353	151	52	0	0	0	23	30,123	12	16,869															
1	575	654	27	48	59,199	128	87	110	0	0	24	30,030	13	16,856					1										
2	524	533	27	55	59,108	104	97	51	0	0	27	29,959	14	16,842					2										
3	488	681	26	51	58,838	88	107	8	0	0	25	29,907	13	16,829					3										
4	466	775	28	45	58,456	77	83	16	0	0	22	29,863	11	16,818					4										
5	448	747	26	53	58,078	69	89	8	0	0	26	29,809	14	16,804					5										
6	444	766	26	30	57,700	67	83	12	0	0	15	29,766	8	16,796					6										
7	413	770	26	34	57,283	52	82	24	0	0	17	29,695	9	16,787					7										
8	386	638	28	37	56,966	40	102	60	0	0	19	29,554	10	16,777					8										
9	363	500	26	40	56,763	29	112	37	0	0	20	29,414	11	16,766					9										
10	366	431	28	51	56,619	31	135	26	0	0	25	29,259	14	16,752					10										
11	374	560	26	56	56,351	35	136	49	0	0	28	29,081	15	16,737					11										
12	399	727	28	50	55,945	46	119	39	0	0	25	28,944	13	16,724					12										
13	410	766	26	49	55,514	51	121	32	0	0	25	28,817	13	16,711					13										
14	422	813	29	55	55,039	57	103	53	0	0	28	28,690	15	16,696					14										
15	407	595	27	57	54,767	50	81	135	0	0	29	28,495	16	16,680					15										
16	393	386	28	67	54,679	44	66	112	0	0	34	28,327	18	16,662					16										
17	376	411	29	64	54,551	36	6	112	0	0	32	28,213	18	16,644					17										
18	361	557	28	60	54,267	28	9	90	0	0	30	28,112	16	16,628					18										
19	359	621	29	53	53,923	27	5	143	0	0	26	27,965	14	16,614					19										
20	357	704	29	53	53,494	26	9	148	0	0	26	27,808	15	16,599					20										
21	346	723	29	58	53,030	22	7	149	16	0	29	27,629	16	16,583					21										
22	316	703	30	54	52,559	8	7	149	34	0	27	27,420	15	16,568					22										
23	273	452	27	56	52,297	0	4	157	37	0	28	27,194	16	16,552					23										
24	265	544	26	63	51,929	0	10	150	61	0	31	26,942	18	16,534					24										
25	257	639	28	59	51,460	0	14	148	53	0	29	26,698	17	16,517					25										
26	257	670	29	51	50,967	0	12	143	83	0	25	26,435	14	16,503					26										
27	250	719	29	62	50,407	0	14	152	81	0	31	26,157	18	16,485					27										
28	253	714	28	61	49,857	0	15	145	85	0	30	25,882	17	16,468					28										
29	263	738	29	54	49,299	0	8	140	84	0	26	25,624	15	16,453					29										
30	240	565	28	54	48,892	0	9	138	94	0	26	25,357	15	16,438					30										
S.F.D.	11,051	19,102	830	1,580	48,892	1,115	1,732	2,736	628	0	785	25,357	431	16,438					S.F.D.										
AC.F.T.	21,920	37,869	1,646	3,134	96,977	2,211	3,435	5,426	1,246	0	1,557	50,295	855	32,604					AC.F.T.										
TOTAL ACRE-FOOT STORAGE DAYS										TOTAL ACRE-FOOT STORAGE DAYS										TOTAL ACRE-FOOT STORAGE DAYS									
3,249,394										1,680,090										991,384									

**REPORT OF THE KERN RIVER WATERMASTER**

JUNE 2007

**WATERMASTER NOTES \*\*\* KERN RIVER BULLETIN**

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

June

None

**KERN RIVER CONDUIT at ALTERNATE SECOND POINT**

*Maximum Daily Discharge in Cubic Feet per Second with Date of Occurrence*

<u>Year</u>	<u>CFS</u>	<u>Date</u>	<u>Year</u>	<u>CFS</u>	<u>Date</u>
2006	597	May 11	1984	696	January 28
2005	519	June 10	1983	815	June 18
2004	433	June 7	1982	756	December 8
2003	241	June 24	1981	271	July 15
2002	193	July 6	1980	803	August 7
2001	494	June 19	1979	456	June 14
2000	178	July 3	1978	645	April 7
1999	272	February 4	1977	212	August 6
1998	398	February 14	1976	248	June 9
1997	629	June 5	1975	759	July 19
1996	460	May 24	1974	792	June 16
1995	717	June 3	1973	892	June 30
1994	280	February 4	1972	180	June 27
1993	311	June 21	1971	516	July 20
1992	359	August 9	1970	625	July 12
1991	504	June 23	1969	719	February 24
1990	0		1968	659	June 16
1989	260	August 8	1967	1012	June 23
1988	131	February 10	1966	848	December 27
1987	234	July 14	1965	656	June 19
1986	523	March 24	1964	703	June 20
1985	402	June 16	1963	898	July 4

Note: Initial water diversion via Kern River Conduit occurred on March 27, 1963.

**REPORT OF THE KERN RIVER WATERMASTER**

JULY 2007

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Quantities in S.F.D. except where noted

DAY	ELEVATION (FEET)	ISABELLA RESERVOIR		FLOW AT 1ST POINT	FLOW ABOVE 1ST POINT	FIRST POINT REGULATED FLOW	CHANGE IN STORAGE+LOSS		COMPUTED 1ST POINT NATURAL FLOW	MEAN STORAGE		KERN COUNTY RECREATION POOL LOSS	TOTAL FLOW AT SECOND POINT	SECOND POINT GROUP FLOW AT 2ND POINT		FRIANT-KERN INFLOW DAY
		MIDNIGHT STORAGE	S.F.D. LOSS				REGULATED FLOW	NATURAL FLOW		RECREATION POOL + Dead Storage = 15,218 S.F.D. (30,184 ACFT)	TOTAL IRRIGATION			RIVER	KERN	
Previous Day	2566.68	210,060	105,905	95	806	834	240	240	240	105,905	90,687	9	94	94	0	0
1	2566.46	208,564	105,151	107	858	885	238	238	229	105,142	89,924	10	92	92	0	0
2	2566.19	206,736	104,229	113	992	1,020	211	220	226	104,229	89,011	10	86	86	0	0
3	2565.93	204,985	103,347	102	963	991	211	226	239	103,362	88,144	9	69	69	0	0
4	2565.68	203,310	102,502	104	968	996	255	239	255	102,501	87,283	10	71	71	0	0
5	2565.43	201,643	101,662	114	948	977	251	255	255	101,665	86,447	11	74	74	0	0
6	2565.18	199,964	100,825	124	946	973	260	249	249	100,817	85,599	12	163	163	0	0
7	2564.96	198,532	100,093	117	823	850	235	246	246	100,096	84,878	11	207	207	0	0
8	2564.71	196,889	99,265	110	938	962	244	234	234	99,258	84,040	11	210	210	0	0
9	2564.42	194,993	98,309	127	1,027	1,052	223	224	224	98,303	83,085	13	201	201	0	0
10	2564.08	192,785	97,196	107	1,181	1,212	206	211	211	97,195	81,977	11	224	224	0	0
11	2563.76	190,721	96,155	94	1,120	1,151	204	208	208	96,158	80,940	10	245	245	0	0
12	2563.40	188,417	94,994	105	1,241	1,271	215	212	212	94,994	79,776	11	293	293	0	0
13	2563.15	186,826	94,191	107	881	914	218	213	213	94,186	78,968	11	259	259	0	0
14	2562.97	185,686	93,617	96	652	684	206	204	204	93,610	78,392	10	243	243	0	0
15	2562.71	184,047	92,790	92	892	923	188	191	191	92,786	77,568	10	242	242	0	0
16	2562.44	182,354	91,937	99	901	933	179	181	181	91,935	76,717	11	244	244	0	0
17	2562.15	180,546	91,025	90	968	998	176	180	180	91,027	75,809	10	251	251	0	0
18	2561.87	178,812	90,151	84	942	974	184	178	178	90,147	74,929	9	185	176	0	0
19	2561.66	177,518	89,499	86	713	741	175	180	180	89,500	74,282	10	137	129	0	0
20	2561.46	176,292	88,881	91	675	707	180	172	172	88,874	73,656	10	118	109	0	0
21	2561.24	174,949	88,204	100	705	737	160	168	168	88,205	72,987	11	117	103	0	0
22	2560.96	173,249	87,346	106	884	916	164	166	166	87,349	72,131	12	127	114	0	0
23	2560.68	171,559	86,494	97	898	929	174	177	177	86,500	71,282	11	126	113	0	0
24	2560.40	169,879	85,647	79	932	961	193	180	180	85,640	70,422	9	130	119	0	0
25	2560.11	168,151	84,776	75	940	970	174	172	172	84,767	69,549	9	170	158	0	0
26	2559.79	166,256	83,821	105	966	999	149	170	170	83,833	68,615	13	191	180	0	0
27	2559.49	164,494	82,932	114	933	962	187	175	175	82,932	67,714	14	221	210	0	0
28	2559.24	163,034	82,196	115	778	809	188	184	184	82,192	66,974	14	215	204	0	0
29	2558.93	161,235	81,289	124	929	959	176	187	187	81,296	66,078	16	199	188	0	0
30	2558.63	159,506	80,418	106	934	963	198	191	191	80,418	65,200	14	210	198	0	0
31	2558.39	158,131	79,724	98	775	807	211	211	211	79,724	64,506	13	198	187	0	0
<b>TOTAL SECOND FOOT DAYS</b>				3,188	28,303	29,226	6,233	6,233	6,233	79,724	64,506	346	5,518	5,327	0	0
<b>TOTAL ACRE-FEET</b>				6,323	56,138	57,969	12,363	12,363	12,363	158,131	127,947	686	10,945	10,566	0	0

By:  Date: August 24, 2007

**REPORT OF THE KERN RIVER WATERMASTER**

JULY 2007

Quantities in S.F.D. except where noted

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

DAY	ENTL				RESERVOIR				ENTL				RESERVOIR				ENTL				RESERVOIR			
	AT 1ST		AT 2ND		LOSS		STORAGE		AT 2ND		POINT		FLOW		TRANS.		CONTRIBUTED BY:		AT 2ND		RESERVOIR			
	POINT	POINT	POINT	POINT	POINT	POINT	POINT	POINT	POINT	POINT	POINT	POINT	POINT	POINT	POINT	POINT	POINT	POINT	POINT	POINT	POINT	POINT	POINT	
Previous Day	240	565	28	54	48,892	0	9	138	94	26	25,357	0	0	0	0	0	0	0	0	0	15	16,438		
1	229	615	27	59	48,420	0	1	150	92	30	25,084	0	0	0	0	0	0	0	0	0	18	16,420		
2	220	760	28	63	47,789	0	4	142	86	31	24,821	0	0	0	0	0	0	0	0	0	19	16,401		
3	226	737	28	57	47,193	0	16	141	69	28	24,567	0	0	0	0	0	0	0	0	0	17	16,384		
4	239	745	28	58	46,601	0	8	144	71	29	24,315	0	0	0	0	0	0	0	0	0	17	16,367		
5	255	714	29	64	46,049	0	17	143	74	31	24,050	0	0	0	0	0	0	0	0	0	19	16,348		
6	249	619	27	69	45,583	0	20	139	72	34	23,785	0	5	0	0	0	0	0	0	0	21	16,231		
7	246	434	27	65	45,303	0	15	158	81	32	23,499	0	9	0	0	0	0	0	0	0	20	16,076		
8	234	544	24	61	44,908	0	19	158	80	30	23,212	0	7	0	0	0	0	0	0	0	19	15,920		
9	224	648	25	70	44,389	0	22	149	73	35	22,933	0	7	0	0	0	0	0	0	0	22	15,763		
10	211	559	31	60	43,950	0	23	152	71	29	22,658	0	11	0	0	0	0	0	0	0	18	15,369		
11	208	524	31	52	43,551	0	18	146	89	26	22,379	0	10	0	0	0	0	0	0	0	16	15,010		
12	212	572	30	59	43,102	0	14	120	124	29	22,092	0	10	0	0	0	0	0	0	0	17	14,582		
13	213	366	33	60	42,856	0	14	125	142	29	21,782	0	6	0	0	0	0	0	0	0	18	14,330		
14	204	245	32	54	42,729	0	10	121	118	26	21,507	0	7	0	0	0	0	0	0	0	16	14,156		
15	191	375	31	52	42,462	0	8	101	112	25	21,261	0	7	0	0	0	0	0	0	0	15	13,845		
16	181	366	32	56	42,189	0	10	111	112	27	21,001	0	6	0	0	0	0	0	0	0	16	13,527		
17	180	394	30	52	41,893	0	16	20	115	24	20,826	0	9	0	0	0	0	0	0	0	14	13,090		
18	178	443	32	48	41,548	0	12	0	118	23	20,673	0	7	0	0	0	0	0	0	0	13	12,708		
19	180	374	28	50	41,276	0	8	0	129	23	20,513	0	0	0	0	0	0	0	0	0	13	12,493		
20	172	367	32	52	40,997	0	3	0	109	25	20,376	0	0	0	0	0	0	0	0	0	14	12,283		
21	168	455	32	58	40,820	0	5	0	103	27	20,241	0	0	0	0	0	0	0	0	0	15	12,126		
22	166	560	32	61	40,133	0	9	0	114	29	20,089	0	0	0	0	0	0	0	0	0	16	11,909		
23	177	546	31	56	39,677	0	14	0	113	27	19,935	0	0	0	0	0	0	0	0	0	14	11,670		
24	180	581	29	46	39,201	0	14	0	119	22	19,780	0	0	0	0	0	0	0	0	0	11	11,441		
25	172	528	30	43	38,772	0	14	0	158	21	19,587	0	0	0	0	0	0	0	0	0	11	11,190		
26	170	548	33	61	38,300	0	18	0	180	29	19,360	0	0	0	0	0	0	0	0	0	15	10,955		
27	175	493	29	66	37,887	0	20	0	210	32	19,098	0	0	0	0	0	0	0	0	0	16	10,729		
28	184	390	31	67	37,583	0	9	0	204	32	18,853	0	0	0	0	0	0	0	0	0	16	10,538		
29	187	457	30	73	37,210	0	14	0	188	34	18,617	0	0	0	0	0	0	0	0	0	17	10,251		
30	191	474	29	63	36,835	0	14	0	198	29	18,376	0	0	0	0	0	0	0	0	0	14	9,989		
31	211	402	32	58	36,554	0	17	0	187	27	18,145	0	0	0	0	0	0	0	0	0	13	9,807		
S.F.D.	6,233	15,835	923	1,813	36,554	0	406	2,220	3,711	875	18,145	0	101	2,040	2,374	1,616	500	9,807	S.F.D.					
AC.F.T.	12,363	31,408	1,831	3,595	72,505	0	806	4,403	7,361	1,736	35,990	0	200	4,046	4,709	3,205	992	19,452	AC.F.T.					

TOTAL ACRE-FOOT STORAGE DAYS      2,589,539      TOTAL ACRE-FOOT STORAGE DAYS      1,315,864      TOTAL ACRE-FOOT STORAGE DAYS      828,908

JULY 2007

WATERMASTER NOTES \*\*\* KERN RIVER BULLETIN

MONTH	DAY(S)	PAGE NO.	TITLE OF COLUMN	COMMENT
July	10	2	HACIENDA WD VIA NKWSD	Delivered as per terms of HACIENDA WATER DISTRICT (Kern County Water Agency-ID4)/North Kern Water Storage District Letter of Understanding dated July 10, 2007.
July	12	2	HACIENDA WD VIA CWD	Delivered as per terms of HACIENDA WATER DISTRICT (Kern County Water Agency)/Member Units Agreement for Lower River and State Water Project Exchange dated June 11, 2007.

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

In order of Magnitude

YEAR	QUANTITIES IN ACRE-FEET				% OF AVERAGE
	APR	MAY	JUL	TOTAL	
1891	107	24,380	8,922	67,274	16%
1892	28,540	41,722	8,225	92,556	20%
1893	23,381	25,630	10,973	96,649	20%
1894	23,440	41,867	8,493	98,622	21%
1895	25,924	20,330	14,749	108,754	23%
1896	38,600	29,345	13,380	118,344	24%
1897	39,919	43,065	11,341	116,145	25%
1898	36,649	51,267	12,363	123,410	26%
1899	28,288	45,965	14,625	111,178	24%
1900	32,521	38,331	18,013	130,585	28%
1901	42,248	32,809	15,035	130,585	28%
1902	45,213	32,809	13,503	135,303	29%
1903	58,354	58,336	20,969	162,043	35%
1904	46,272	47,181	16,683	168,472	36%
1905	55,448	74,394	179,153	309,995	38%
1906	42,846	54,658	23,803	182,528	39%
1907	46,489	67,224	191,004	304,717	41%
1908	37,757	78,985	18,116	224,858	41%
1909	50,344	54,215	24,421	128,980	42%
1910	50,517	84,508	14,125	149,150	42%
1911	55,295	75,108	17,201	209,911	45%
1912	42,484	73,591	24,918	211,408	45%
1913	53,133	79,778	30,469	213,722	45%
1914	58,638	69,991	22,703	213,710	46%
1915	68,779	85,336	30,996	215,307	46%
1916	64,197	78,343	23,347	219,683	47%
1917	65,025	75,025	25,144	225,194	47%
1918	53,526	67,851	31,014	224,385	48%
1919	65,079	96,598	49,530	232,982	48%
1920	91,380	71,849	18,575	232,982	50%
1921	43,976	86,108	21,378	234,430	50%
1922	52,861	82,707	31,331	234,430	51%
1923	66,535	82,707	42,472	244,475	52%
1924	65,594	87,591	30,690	248,319	52%
1925	60,353	110,325	21,116	248,319	53%
1926	94,249	124,417	57,778	284,444	53%
1927	68,242	103,033	33,170	254,444	54%
1928	55,845	95,199	32,852	251,812	54%
1929	69,320	91,914	25,630	252,827	54%
1930	79,418	60,305	41,851	252,827	54%
1931	86,039	88,990	38,941	260,884	55%
1932	92,136	58,400	25,480	260,884	55%
1933	88,644	132,359	41,988	260,884	57%
1934	87,245	106,026	36,285	260,884	59%
1935	76,155	98,483	55,898	290,540	62%
1936	67,388	129,406	34,901	299,906	64%
1937	56,408	102,016	93,252	306,498	66%
1938	63,513	113,205	39,725	316,646	68%
1939	59,812	95,700	50,138	319,408	69%
1940	51,723	100,096	120,387	319,408	69%
1941	56,146	113,472	37,075	325,075	71%
1942	70,720	66,909	49,919	325,075	71%
1943	74,513	92,949	55,800	325,075	71%
1944	78,222	136,753	44,828	334,816	72%
1945	85,574	140,215	61,844	342,997	73%
1946	71,042	103,787	42,184	350,647	75%
1947	103,787	103,787	42,184	350,647	75%
1948	103,787	103,787	42,184	350,647	75%
1949	103,787	103,787	42,184	350,647	75%
1950	103,787	103,787	42,184	350,647	75%
1951	103,787	103,787	42,184	350,647	75%
1952	103,787	103,787	42,184	350,647	75%
1953	103,787	103,787	42,184	350,647	75%
1954	103,787	103,787	42,184	350,647	75%
1955	103,787	103,787	42,184	350,647	75%
1956	103,787	103,787	42,184	350,647	75%
1957	103,787	103,787	42,184	350,647	75%
1958	103,787	103,787	42,184	350,647	75%
1959	103,787	103,787	42,184	350,647	75%
1960	103,787	103,787	42,184	350,647	75%
1961	103,787	103,787	42,184	350,647	75%
1962	103,787	103,787	42,184	350,647	75%
1963	103,787	103,787	42,184	350,647	75%
1964	103,787	103,787	42,184	350,647	75%
1965	103,787	103,787	42,184	350,647	75%
1966	103,787	103,787	42,184	350,647	75%
1967	103,787	103,787	42,184	350,647	75%
1968	103,787	103,787	42,184	350,647	75%
1969	103,787	103,787	42,184	350,647	75%
1970	103,787	103,787	42,184	350,647	75%
1971	103,787	103,787	42,184	350,647	75%
1972	103,787	103,787	42,184	350,647	75%
1973	103,787	103,787	42,184	350,647	75%
1974	103,787	103,787	42,184	350,647	75%
1975	103,787	103,787	42,184	350,647	75%
1976	103,787	103,787	42,184	350,647	75%
1977	103,787	103,787	42,184	350,647	75%
1978	103,787	103,787	42,184	350,647	75%
1979	103,787	103,787	42,184	350,647	75%
1980	103,787	103,787	42,184	350,647	75%
1981	103,787	103,787	42,184	350,647	75%
1982	103,787	103,787	42,184	350,647	75%
1983	103,787	103,787	42,184	350,647	75%
1984	103,787	103,787	42,184	350,647	75%
1985	103,787	103,787	42,184	350,647	75%
1986	103,787	103,787	42,184	350,647	75%
1987	103,787	103,787	42,184	350,647	75%
1988	103,787	103,787	42,184	350,647	75%
1989	103,787	103,787	42,184	350,647	75%
1990	103,787	103,787	42,184	350,647	75%
1991	103,787	103,787	42,184	350,647	75%
1992	103,787	103,787	42,184	350,647	75%
1993	103,787	103,787	42,184	350,647	75%
1994	103,787	103,787	42,184	350,647	75%
1995	103,787	103,787	42,184	350,647	75%
1996	103,787	103,787	42,184	350,647	75%
1997	103,787	103,787	42,184	350,647	75%
1998	103,787	103,787	42,184	350,647	75%
1999	103,787	103,787	42,184	350,647	75%
2000	103,787	103,787	42,184	350,647	75%
2001	103,787	103,787	42,184	350,647	75%
2002	103,787	103,787	42,184	350,647	75%
2003	103,787	103,787	42,184	350,647	75%
2004	103,787	103,787	42,184	350,647	75%
2005	103,787	103,787	42,184	350,647	75%
2006	103,787	103,787	42,184	350,647	75%
2007	103,787	103,787	42,184	350,647	75%

**REPORT OF THE KERN RIVER WATERMASTER**

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Quantities in S.F.D. except where noted

DAY	ELEVATION (FEET)	ISABELLA RESERVOIR		LOSS	FLOW AT 1ST POINT	FLOW ABOVE 1ST POINT	FIRST POINT REGULATED FLOW	CHANGE IN STORAGE-LOSS		COMPUTED 1ST POINT NATURAL FLOW	MEAN STORAGE 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		PRIANT-KERN INFLOW	DAY
		MIDNIGHT STORAGE	ACRE-FEET					ACRE-FEET	RESERVOIR S.F.D.					REGULATED FLOW	+1ST POINT REGULATED FLOW			TOTAL	IRRIGATION	RIVER	KERN
Previous Day	2558.39	158,131	79,724	98	775	32	807	211	211	211	79,724	13	198	187	0	0	
1	2558.17	156,878	79,093	96	712	33	745	210	210	203	79,086	13	187	180	0	0	1
2	2557.97	155,745	78,521	84	645	31	676	188	188	192	78,518	11	174	168	0	0	2
3	2557.78	154,672	77,981	93	594	31	625	178	178	173	77,973	12	152	145	0	0	3
4	2557.57	153,493	77,386	115	600	32	632	152	152	161	77,387	15	167	161	0	0	4
5	2557.30	151,985	76,626	111	773	30	803	154	154	152	76,625	15	181	180	0	0	5
6	2557.00	150,322	75,787	104	854	31	885	150	150	154	75,790	14	187	187	0	0	6
7	2556.70	148,670	74,954	74	886	32	918	159	159	154	74,952	10	234	234	0	0	7
8	2556.41	147,084	74,155	73	849	31	880	154	154	157	74,156	10	284	284	0	0	8
9	2556.14	145,618	73,416	76	791	30	821	158	158	162	73,421	11	309	309	0	0	9
10	2555.90	144,323	72,763	80	714	32	746	173	173	164	72,759	12	305	305	0	0	10
11	2555.70	143,250	72,222	77	593	31	624	160	160	159	72,217	11	280	280	0	0	11
12	2555.43	141,808	71,495	79	762	30	792	144	144	150	71,496	12	287	287	0	0	12
13	2555.18	140,483	70,827	89	693	32	725	146	146	151	70,833	13	247	247	0	0	13
14	2554.98	139,428	70,295	87	578	31	609	164	164	152	70,289	13	95	95	0	0	14
15	2554.79	138,430	69,792	77	542	31	573	147	147	144	69,783	12	63	63	0	0	15
16	2554.59	137,386	69,265	72	547	29	576	121	121	140	69,275	11	65	65	0	0	16
17	2554.39	136,347	68,742	75	571	30	601	153	153	142	68,741	12	87	87	0	0	17
18	2554.21	135,417	68,273	78	512	31	543	152	152	151	68,271	12	92	92	0	0	18
19	2554.03	134,490	67,805	76	506	33	539	147	147	152	67,808	12	93	93	0	0	19
20	2553.87	133,670	67,392	77	463	30	493	157	157	152	67,390	12	67	67	0	0	20
21	2553.72	132,905	67,006	75	431	31	462	151	151	149	67,002	12	29	29	0	0	21
22	2553.56	132,090	66,595	85	435	31	466	140	140	151	66,602	14	0	0	0	0	22
23	2553.40	131,281	66,188	89	448	31	479	161	161	154	66,188	14	0	0	0	0	23
24	2553.24	130,474	65,781	100	437	31	488	161	161	166	65,786	16	0	0	0	0	24
25	2553.11	129,820	65,451	86	389	32	421	177	177	165	65,444	14	0	0	0	0	25
26	2552.97	129,120	65,098	82	395	32	427	156	156	169	65,104	14	0	0	0	0	26
27	2552.83	128,421	64,746	82	413	31	444	174	174	164	64,742	14	0	0	0	0	27
28	2552.70	127,775	64,420	72	384	32	416	162	162	175	64,429	12	0	0	0	0	28
29	2552.59	127,229	64,145	77	357	31	388	190	190	181	64,145	13	0	0	0	0	29
30	2552.49	126,736	63,896	70	339	31	370	191	191	191	63,896	12	0	0	0	0	30
31	2552.38	126,193	63,622	88	341	27	368	182	182	182	63,622	15	0	0	0	0	31
<b>TOTAL SECOND FOOT DAYS</b>		2,599	17,554	961	18,515	5,012	5,012	5,012	5,012	5,012	63,622	393	3,585	3,558	0	0	
<b>TOTAL ACRE-FEET</b>		5,155	34,818	1,906	36,724	9,941	9,941	9,941	9,941	9,941	126,193	780	7,111	7,057	0	0	

By:  Date: September 18, 2007

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Quantities in S.F.D. except where noted

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

DAY	FLOW ABOVE				ENTL				FLOW				ENTITLEMENT				FLOW				RESERVOIR					
	ENTL AT 1ST		POINT		RESERVOIR		AT 2ND		VIA		VIA		TRANS.		CONTRIBUTED BY:		VIA		AT 2ND		LOSS		STORAGE		DAY	
	POINT	POINT	LOSS	POINT	LOSS	POINT	POINT	POINT	POINT	POINT	POINT	POINT	POINT	POINT	POINT	POINT	POINT	POINT	POINT	POINT	POINT	POINT	POINT	POINT	POINT	POINT
Previous Day	211	402	32	58	36,554	0	17	0	187	27	18,145	0	113	56	0	13	9,807	1	1	1	1	1	1	1	1	
1	203	371	33	56	37,161	0	18	0	180	27	17,920	0	97	46	0	13	8,787	1	1	1	1	1	1	1	1	
2	192	327	31	51	36,944	0	11	0	168	23	17,718	0	98	41	0	10	8,638	2	2	2	2	2	2	2	2	
3	173	311	31	56	36,719	0	14	0	145	26	17,533	0	97	27	0	11	8,503	3	3	3	3	3	3	3	3	
4	161	319	32	69	36,460	0	12	0	161	32	17,328	0	88	20	0	14	8,381	4	4	4	4	4	4	4	4	
5	152	401	30	67	36,114	0	14	0	180	31	17,103	0	96	82	0	13	8,190	5	5	5	5	5	5	5	5	
6	154	414	31	63	35,760	0	27	0	187	29	16,860	0	143	83	0	12	7,952	6	6	6	6	6	6	6	6	
7	154	398	32	46	35,438	0	32	0	234	20	16,574	0	143	79	0	8	7,722	7	7	7	7	7	7	7	7	
8	157	353	31	45	35,166	0	33	0	284	20	16,237	0	139	40	0	8	7,535	8	8	8	8	8	8	8	8	
9	162	335	30	47	34,916	0	17	0	309	21	15,890	0	120	10	0	8	7,397	9	9	9	9	9	9	9	9	
10	164	298	32	49	34,701	0	8	0	305	22	15,555	0	94	9	0	9	7,285	10	10	10	10	10	10	10	10	
11	159	207	31	48	34,574	0	11	0	280	21	15,243	0	82	13	0	8	7,182	11	11	11	11	11	11	11	11	
12	150	286	30	50	34,358	0	18	0	287	21	14,917	0	80	91	0	8	7,003	12	12	12	12	12	12	12	12	
13	151	257	32	57	34,163	0	27	0	247	23	14,620	0	137	25	0	9	6,832	13	13	13	13	13	13	13	13	
14	152	285	31	55	33,944	0	28	0	95	23	14,474	0	154	16	0	9	6,653	14	14	14	14	14	14	14	14	
15	144	290	31	49	33,718	0	30	0	63	20	14,361	0	142	17	0	8	6,486	15	15	15	15	15	15	15	15	
16	140	324	29	46	33,459	0	45	0	65	19	14,232	0	101	12	0	7	6,366	16	16	16	16	16	16	16	16	
17	142	361	30	48	33,162	0	28	0	87	20	14,097	0	99	0	0	7	6,264	17	17	17	17	17	17	17	17	
18	151	305	31	50	32,927	0	33	0	92	20	13,952	0	82	0	0	8	6,174	18	18	18	18	18	18	18	18	
19	152	281	33	49	32,716	0	34	0	93	20	13,805	0	80	18	0	7	6,069	19	19	19	19	19	19	19	19	
20	152	256	30	49	32,533	0	38	0	67	20	13,680	0	102	0	0	8	5,959	20	20	20	20	20	20	20	20	
21	149	267	31	48	32,336	0	42	0	29	20	13,589	0	93	0	0	7	5,859	21	21	21	21	21	21	21	21	
22	151	291	31	55	32,110	0	45	0	0	22	13,522	0	99	0	0	8	5,752	22	22	22	22	22	22	22	22	
23	154	180	31	58	31,995	0	153	0	0	23	13,346	0	106	9	0	8	5,629	23	23	23	23	23	23	23	23	
24	166	205	31	65	31,860	0	55	0	0	26	13,265	0	154	23	0	9	5,443	24	24	24	24	24	24	24	24	
25	165	199	32	56	31,738	0	32	0	0	22	13,211	0	139	19	0	8	5,277	25	25	25	25	25	25	25	25	
26	169	196	32	54	31,625	0	38	0	0	21	13,152	0	107	54	0	7	5,109	26	26	26	26	26	26	26	26	
27	164	195	31	54	31,509	0	45	0	0	21	13,086	0	120	53	0	7	4,929	27	27	27	27	27	27	27	27	
28	175	200	32	47	31,405	0	58	0	0	19	13,009	0	81	45	0	6	4,797	28	28	28	28	28	28	28	28	
29	181	192	31	51	31,312	0	41	0	0	20	12,948	0	97	27	0	6	4,667	29	29	29	29	29	29	29	29	
30	191	180	31	46	31,246	0	29	0	0	18	12,901	0	96	34	0	6	4,531	30	30	30	30	30	30	30	30	
31	182	155	27	58	31,188	0	29	0	0	23	12,849	0	77	80	0	7	4,367	31	31	31	31	31	31	31	31	
S.F.D.	5,012	8,639	961	1,642	31,188	0	1,045	0	3,558	693	12,849	0	3,339	973	0	264	4,367	S.F.D.								
AC.FT.	9,941	17,135	1,906	3,256	61,861	0	2,073	0	7,057	1,375	25,486	0	6,623	1,930	0	524	8,662	AC.FT.								

TOTAL ACRE-FOOT STORAGE DAYS      2,069,269      TOTAL ACRE-FOOT STORAGE DAYS      906,400      TOTAL ACRE-FOOT STORAGE DAYS      400,141

**AUGUST 2007  
WATERMASTER NOTES \*\*\* KERN RIVER BULLETIN**

MONTH	DAY(S)	PAGE NO.	TITLE OF COLUMN	COMMENT
August	1	2	NKWSR RESERVOIR STORAGE HWD RESERVOIR STORAGE	Reflects transfer of 864 s.f.d. (1,713 acre-feet) from HACIENDA WATER DISTRICT to NORTH KERN WATER STORAGE DISTRICT as per terms of Kern County Water Agency/North Kern WSD letter agreement dated August 30, 2007.

**2007 APRIL-JULY UNIMPAIRED RUNOFF**  
Central Valley Streams

Watershed	(1) 50-Year Average	Median Forecast as of				(2) 2007 Actual	% of Average
		Feb. 1	Mar. 1	Apr. 1	May 1		
April-July Flows in 1000 Acre-feet							
Sacramento River above Bend Bridge	2,494	1,840	2,020	1,580	1,430	1,311	53%
Feather River at Oroville Reservoir	1,782	800	1,090	700	670	739	41%
Yuba River at Smartville	1,006	550	680	470	450	453	45%
American River at Folsom Reservoir	1,240	660	850	590	530	516	42%
Cosumnes River at Michigan Bar	126	50	75	42	35	46	37%
Mokelumne River at Pardee Reservoir	461	270	330	230	200	208	45%
Stanislaus River at Melones Reservoir	702	380	480	310	290	292	42%
Tuolumne River at Don Pedro Reservoir	1,220	730	850	630	560	503	41%
Merced River at Lake McClure	632	360	390	260	230	212	34%
San Joaquin River at Millerton Lake	1,254	730	770	530	490	431	34%
Kings River at Pine Flat Reservoir	1,224	690	720	510	480	436	36%
Kaweah River at Terminus Reservoir	286	140	155	100	95	99	35%
Tule River at Success Reservoir	64	30	31	20	19	13	20%
<b>KERN RIVER AT ISABELLA LAKE</b>	<b>461</b>	<b>220</b>	<b>210</b>	<b>150</b>	<b>145</b>	<b>125</b>	<b>27%</b>

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

Quantities in S.F.D. except where noted

REPORT OF THE KERN RIVER WATERMASTER

SEPTEMBER 2007

DAY	ELEVATION (FEET)	ISABELLA RESERVOIR		FLOW AT 1ST POINT	FLOW ABOVE 1ST POINT	FIRST POINT REGULATED FLOW	CHANGE IN STORAGE		MEAN STORAGE		KERN COUNTY RECREATION POOL LOSS	TOTAL FLOW AT SECOND POINT	SECOND POINT GROUP FLOW		FRIANT-KERN INFLOW DAY	
		MIDNIGHT STORAGE	LOSS				+1ST POINT REGULATED FLOW	NATURAL FLOW	Recreation Pool + Dead Storage	TOTAL IRRIGATION			RIVER	KERN		
Previous Day	2552.38	126,193	63,622	88	341	27	368	182	182	63,622	48,404	15	0	0	0	0
1	2552.29	125,750	63,399	74	282	30	312	163	163	63,401	48,183	13	0	0	0	1
2	2552.19	125,261	63,152	90	293	32	325	168	155	63,141	47,923	15	0	0	0	2
3	2552.06	124,625	62,832	83	340	31	371	134	144	62,831	47,613	14	0	0	0	3
4	2551.92	123,943	62,488	88	355	31	386	130	140	62,497	47,279	15	0	0	0	4
5	2551.84	123,554	62,292	82	240	30	270	156	142	62,287	47,069	14	0	0	0	5
6	2551.76	123,166	62,096	75	231	30	261	140	158	62,109	46,891	13	0	0	0	6
7	2551.68	122,780	61,902	73	272	28	300	179	159	61,895	46,677	13	0	0	0	7
8	2551.60	122,394	61,707	75	248	31	279	159	156	61,697	46,479	13	0	0	0	8
9	2551.50	121,913	61,465	62	279	31	310	130	144	61,469	46,251	11	0	0	0	9
10	2551.39	121,384	61,198	60	319	30	349	142	135	61,195	45,977	11	0	0	0	10
11	2551.25	120,715	60,861	62	380	29	409	134	134	60,858	45,640	11	0	0	0	11
12	2551.11	120,047	60,524	59	375	29	404	126	130	60,525	45,307	11	0	0	0	12
13	2551.00	119,525	60,261	79	286	29	315	131	120	60,251	45,033	14	0	0	0	13
14	2550.90	119,051	60,022	43	270	28	298	102	121	60,031	44,813	8	0	0	0	14
15	2550.81	118,625	59,807	47	269	29	298	130	117	59,803	44,585	9	0	0	0	15
16	2550.70	118,107	59,546	64	286	30	316	119	127	59,550	44,332	12	0	0	0	16
17	2550.59	117,590	59,285	53	314	27	341	133	127	59,283	44,065	10	0	0	0	17
18	2550.50	117,169	59,073	50	265	27	292	130	132	59,073	43,855	9	0	0	0	18
19	2550.42	116,795	58,884	64	229	28	257	132	132	58,884	43,666	12	0	0	0	19
20	2550.36	116,514	58,743	10	235	29	264	133	140	58,750	43,532	2	0	0	0	20
21	2550.32	116,328	58,649	5	217	27	244	155	145	58,646	43,428	1	0	0	0	21
22	2550.28	116,141	58,554	12	203	27	230	147	149	58,553	43,335	2	0	0	0	22
23	2550.23	115,910	58,438	24	213	25	238	146	157	58,448	43,230	5	0	0	0	23
24	2550.19	115,724	58,344	27	218	26	244	177	156	58,333	43,115	5	0	0	0	24
25	2550.14	115,492	58,227	44	193	25	218	145	163	58,234	43,016	8	0	0	0	25
26	2550.09	115,260	58,110	49	210	24	234	166	160	58,111	42,893	9	0	0	0	26
27	2550.05	115,075	58,017	49	189	24	213	169	155	58,004	42,786	9	0	0	0	27
28	2549.99	114,798	57,877	53	191	25	216	129	153	57,888	42,670	10	0	0	0	28
29	2549.95	114,614	57,785	31	200	23	223	162	151	57,785	42,567	6	0	0	0	29
30	2549.88	114,291	57,622	61	221	23	244	142	142	57,622	42,404	12	0	0	0	30
<b>TOTAL SECOND FOOT DAYS</b>		1,648	7,823	838	8,661	4,309	4,309	4,309	4,309	57,622	42,404	297	0	0	0	0
<b>TOTAL ACRE-FEET</b>		3,269	15,517	1,662	17,179	8,547	8,547	8,547	8,547	114,291	84,107	589	0	0	0	0

By:  Date: October 26, 2007

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Quantities in S.F.D. except where noted

**NORTH KERN WATER STORAGE DISTRICT**

**BUENA VISTA WATER STORAGE DISTRICT**

**HACIENDA WATER DISTRICT**

DAY	FLOW ABOVE			FLOW			FLOW			ENTITLEMENT			RESERVOIR				
	ENTL AT 1ST POINT	FLOW AT 1ST POINT	RESERVOIR STORAGE	ENTL AT 1ST POINT	VIA/FOR	RESERVOIR STORAGE	ENTL AT 1ST POINT	VIA/FOR	RESERVOIR STORAGE	Contributed by:			RESERVOIR STORAGE	LOSS	DAY		
	182	155	58	31,188	0	23	12,849	0	77	80	0	0	7	4,367			
1	165	164	49	31,501	0	19	12,805	0	72	21	0	0	6	3,877	1		
2	155	167	60	31,397	0	24	12,760	0	74	31	0	0	6	3,766	2		
3	144	177	56	31,277	0	22	12,715	0	85	55	0	0	5	3,621	3		
4	140	185	59	31,142	0	23	12,671	0	83	66	0	0	6	3,466	4		
5	142	146	55	31,053	0	22	12,627	0	30	42	0	0	5	3,389	5		
6	158	128	51	31,002	0	20	12,592	0	26	51	11	4	4	3,297	6		
7	159	154	50	30,929	0	19	12,544	0	33	40	16	4	4	3,204	7		
8	156	156	51	30,847	0	20	12,493	0	18	15	28	4	4	3,139	8		
9	144	178	43	30,739	0	16	12,447	0	17	28	26	3	3	3,065	9		
10	135	172	41	30,631	0	16	12,392	0	22	56	30	3	3	2,954	10		
11	134	180	43	30,513	0	16	12,328	0	18	113	21	3	3	2,799	11		
12	130	188	40	30,386	0	16	12,262	0	23	93	21	3	3	2,659	12		
13	120	164	54	30,259	0	21	12,197	0	22	25	31	4	4	2,577	13		
14	121	146	30	30,176	0	11	12,144	0	72	3	7	2	2	2,493	14		
15	117	133	32	30,099	0	13	12,111	0	71	13	32	2	2	2,375	15		
16	127	134	44	30,018	0	17	12,077	0	78	26	31	3	3	2,237	16		
17	127	143	37	29,938	0	14	12,036	0	71	28	45	2	2	2,091	17		
18	132	120	35	29,888	0	13	11,990	0	41	47	24	2	2	1,977	18		
19	132	94	45	29,853	0	17	11,931	0	19	48	26	2	2	1,882	19		
20	140	119	7	29,838	0	3	11,896	0	18	40	26	0	0	1,798	20		
21	145	128	4	29,824	0	1	11,867	0	22	0	39	0	0	1,737	21		
22	149	118	9	29,819	0	3	11,840	0	17	23	21	0	0	1,676	22		
23	157	125	17	29,809	0	6	11,818	0	17	39	16	1	1	1,603	23		
24	156	143	19	29,777	0	7	11,780	0	21	8	15	1	1	1,558	24		
25	163	130	31	29,754	0	12	11,726	0	21	0	0	1	1	1,536	25		
26	160	160	35	29,695	0	13	11,665	0	2	0	0	1	1	1,533	26		
27	155	140	35	29,651	0	13	11,608	0	5	0	0	1	1	1,527	27		
28	153	128	37	29,614	0	14	11,540	0	9	0	0	2	2	1,516	28		
29	151	136	22	29,584	0	8	11,474	0	6	0	0	1	1	1,509	29		
30	142	167	43	29,493	0	16	11,409	0	5	0	0	2	2	1,502	30		
<b>S.F.D.</b>	<b>4,309</b>	<b>4,423</b>	<b>838</b>	<b>1,134</b>	<b>0</b>	<b>435</b>	<b>11,409</b>	<b>0</b>	<b>1,018</b>	<b>911</b>	<b>466</b>	<b>79</b>	<b>1,502</b>	<b>S.F.D.</b>			
<b>AC.F.T.</b>	<b>8,547</b>	<b>8,773</b>	<b>1,662</b>	<b>2,249</b>	<b>0</b>	<b>863</b>	<b>22,629</b>	<b>0</b>	<b>2,019</b>	<b>1,807</b>	<b>925</b>	<b>157</b>	<b>2,979</b>	<b>AC.F.T.</b>			
<b>TOTAL ACRE-FOOT STORAGE DAYS</b>													<b>1,801,995</b>	<b>TOTAL ACRE-FOOT STORAGE DAYS</b>		<b>721,477</b>	<b>143,530</b>

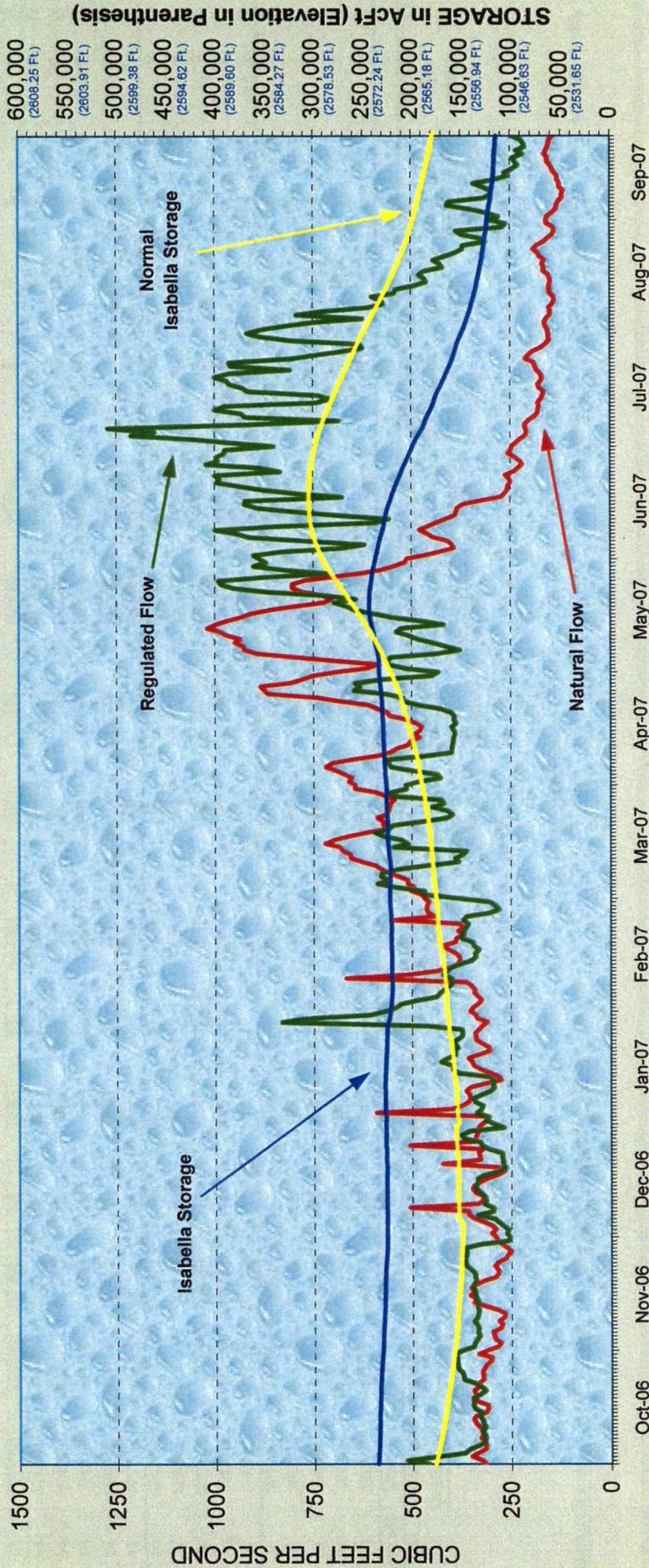
SEPTEMBER 2007

WATERMASTER NOTES \*\*\* KERN RIVER BULLETIN

MONTH	DAY(S)	PAGE NO.	TITLE OF COLUMN	COMMENT
September	1	2	NKWS DISTRICT RESERVOIR STORAGE HWD RESERVOIR STORAGE	Reflects transfer of 391 s.i.d. (776 acre-feet) from HACIENDA WATER DISTRICT to NORTH KERN WATER STORAGE DISTRICT as per terms of Kern County Water Agency/North Kern WSD letter agreement dated September 18, 2007.
September	6-24	2	HACIENDA WD FOR KCWA	Delivered pursuant to terms of the January 23, 2001 "Contract to Transfer the Kern River Lower River Water Rights" by and between Nickel Family LLC, Olcese Water District and the Kern County Water Agency.

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

2006 - 2007 WATER YEAR



**REPORT OF THE KERN RIVER WATERMASTER**

Quantities in S.F.D. except where noted

OCTOBER 2007

DAY	ELEVATION (FEET)	ISABELLA RESERVOIR		LOSS	FLOW AT 1ST POINT	FLOW ABOVE 1ST POINT	FIRST POINT REGULATED FLOW	CHANGE IN STORAGE-LOSS		COMPUTED 1ST POINT NATURAL FLOW	MEAN STORAGE 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
		MIDNIGHT STORAGE	ACRE-FEET					RESERVOIR S.F.D.	REGULATED FLOW					+1ST POINT REGULATED FLOW	TOTAL IRRIGATION			RIVER	FRIANT-KERN
Previous Day	2549.88	114,291	57,622	61	221	23	244	142	142	142	57,622	12	0	0	0	0	0
1	2549.80	113,923	57,436	72	236	23	259	145	145	148	57,439	14	0	0	0	0	1
2	2549.74	113,649	57,298	60	209	24	233	155	155	153	57,299	12	0	0	0	0	2
3	2549.70	113,465	57,205	49	182	22	204	160	160	154	57,200	9	0	0	0	0	3
4	2549.64	113,190	57,067	67	194	23	217	146	146	154	57,070	13	0	0	0	0	4
5	2549.61	113,053	56,998	29	174	22	196	156	156	159	57,004	6	0	0	0	0	5
6	2549.59	112,962	56,952	27	174	19	193	174	174	165	56,949	5	0	0	0	0	6
7	2549.53	112,688	56,814	48	232	22	254	164	164	168	56,815	9	0	0	0	0	7
8	2549.46	112,370	56,653	72	232	23	255	166	166	167	56,655	14	0	0	0	0	8
9	2549.40	112,097	56,516	63	222	22	244	170	170	159	56,507	12	0	0	0	0	9
10	2549.33	111,779	56,355	48	229	24	253	140	140	159	56,365	9	0	0	0	0	10
11	2549.26	111,553	56,241	36	225	21	246	168	168	147	56,230	7	0	0	0	0	11
12	2549.23	111,327	56,127	37	186	23	209	132	132	150	56,134	7	0	0	0	0	12
13	2549.20	111,192	56,059	27	168	22	190	149	149	140	56,057	5	0	0	0	0	13
14	2549.16	111,011	55,968	48	161	22	183	140	140	148	55,974	10	0	0	0	0	14
15	2549.13	110,876	55,900	35	167	22	189	156	156	141	55,891	7	0	0	0	0	15
16	2549.09	110,695	55,809	25	169	23	192	126	126	141	55,815	5	0	0	0	0	16
17	2549.05	110,515	55,718	18	191	22	213	140	140	135	55,719	4	0	0	0	0	17
18	2549.02	110,380	55,650	32	152	22	174	138	138	148	55,661	6	0	0	0	0	18
19	2549.01	110,335	55,627	32	136	22	158	167	167	151	55,622	6	0	0	0	0	19
20	2548.99	110,246	55,582	39	133	22	155	149	149	161	55,589	8	0	0	0	0	20
21	2548.97	110,156	55,537	46	143	22	165	166	166	165	55,543	9	0	0	0	0	21
22	2548.92	109,932	55,424	72	199	23	222	181	181	180	55,429	14	0	0	0	0	22
23	2548.87	109,708	55,311	102	182	22	204	193	193	190	55,313	21	0	0	0	0	23
24	2548.85	109,618	55,266	53	166	22	188	196	196	194	55,266	11	0	0	0	0	24
25	2548.84	109,574	55,244	39	154	22	176	193	193	184	55,235	8	0	0	0	0	25
26	2548.82	109,484	55,198	39	149	22	171	164	164	179	55,204	8	0	0	0	0	26
27	2548.80	109,395	55,153	42	162	23	185	182	182	170	55,147	8	0	0	0	0	27
28	2548.76	109,216	55,063	47	185	23	208	165	165	171	55,063	9	0	0	0	0	28
29	2548.72	109,039	54,974	42	191	21	212	165	165	171	54,980	8	0	0	0	0	29
30	2548.69	108,905	54,906	40	188	23	211	183	183	177	54,906	8	0	0	0	0	30
31	2548.64	108,682	54,794	35	243	22	285	188	188	188	54,794	7	0	0	0	0	31
<b>TOTAL SECOND FOOT DAYS</b>		1,421	5,734	6,424	6,424	690	5,017	5,017	5,017	5,017	54,794	279	0	0	0	0	0
<b>TOTAL ACRE-FEET</b>		2,818	11,373	1,369	12,742	9,951	9,951	9,951	9,951	9,951	108,682	553	0	0	0	0	0

By: *Ad*

Date: November 27, 2007

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

DAY	FLOW ABOVE			FLOW			ENTL			ENTITLEMENT			FLOW			RESERVOIR			RESERVOIR	STORAGE	DAY
	ENTL AT 1ST POINT	FLOW AT 1ST POINT	ABOVE 1ST POINT	RESERVOIR LOSS	RESERVOIR STORAGE	AT 1ST POINT	VIA/FOR KOWD	VIA CWD	AT 2ND POINT	RESERVOIR LOSS	RESERVOIR STORAGE	CONTRIBUTED BY: NKWSD	BYWSD	TRANS. LOSS	VIA CWD	FOR KCWA	AT 2ND POINT	RESERVOIR LOSS				RESERVOIR STORAGE
Previous Day	142	167	23	43	29,493	0	49	0	0	16	11,409			0	5	0	0	2	1,502		
1	148	192	23	51	29,375	0	35	0	0	19	11,355			0	9	0	0	2	1,491		
2	153	167	24	42	29,295	0	32	0	0	16	11,307			0	10	0	0	2	1,479		
3	154	143	22	35	29,249	0	29	0	0	13	11,265			0	10	0	0	1	1,468		
4	154	160	23	47	29,173	0	24	0	0	18	11,223			0	10	0	0	2	1,456		
5	159	137	22	20	29,153	0	27	0	0	8	11,188			0	10	0	0	1	1,445		
6	165	150	19	19	29,130	0	24	0	0	7	11,157			0	0	0	0	1	1,444		
7	168	212	22	34	29,030	0	20	0	0	13	11,124			0	0	0	0	1	1,443		
8	167	211	23	51	28,912	0	21	0	0	19	11,084			0	0	0	0	2	1,441		
9	159	200	22	44	28,805	0	22	0	0	17	11,045			0	0	0	0	2	1,439		
10	159	183	24	34	28,723	0	18	0	0	13	11,014			0	28	0	0	1	1,410		
11	147	169	21	25	28,655	0	23	0	0	10	10,981			0	33	0	0	1	1,376		
12	150	128	23	26	28,628	0	26	0	0	10	10,945			0	32	0	0	1	1,343		
13	140	110	22	19	28,617	0	25	0	0	7	10,913			0	33	0	0	1	1,309		
14	148	131	22	34	28,578	0	30	0	0	13	10,870			0	0	0	0	1	1,308		
15	141	151	22	25	28,521	0	16	0	0	9	10,845			0	0	0	0	1	1,307		
16	141	154	23	17	28,468	0	15	0	0	7	10,823			0	0	0	0	1	1,306		
17	135	133	22	13	28,435	0	20	0	0	5	10,798			0	38	0	0	0	1,268		
18	148	91	22	23	28,447	0	28	0	0	8	10,762			0	33	0	0	1	1,234		
19	151	86	22	23	28,467	0	21	0	0	8	10,733			0	29	0	0	1	1,204		
20	161	110	22	28	28,468	0	19	0	0	10	10,704			0	4	0	0	1	1,199		
21	165	124	22	33	28,454	0	19	0	0	12	10,673			0	0	0	0	1	1,198		
22	180	186	23	51	28,374	0	13	0	0	19	10,641			0	0	0	0	2	1,196		
23	190	157	22	73	28,312	0	25	0	0	27	10,589			0	0	0	0	2	1,194		
24	194	140	22	38	28,306	0	26	0	0	14	10,549			0	0	0	0	1	1,193		
25	184	122	22	28	28,318	0	32	0	0	10	10,507			0	0	0	0	1	1,192		
26	179	126	22	28	28,321	0	23	0	0	10	10,474			0	0	0	0	1	1,191		
27	170	137	23	30	28,301	0	25	0	0	11	10,438			0	0	0	0	1	1,190		
28	171	164	23	34	28,251	0	21	0	0	12	10,405			0	0	0	0	1	1,189		
29	171	172	21	30	28,199	0	19	0	0	11	10,375			0	0	0	0	1	1,188		
30	177	170	23	29	28,154	0	18	0	0	10	10,347			0	0	0	0	1	1,187		
31	188	220	22	25	28,075	0	23	0	0	9	10,315			0	0	0	0	1	1,186		
S.F.D.	5,017	4,736	690	1,009	28,075	0	719	0	0	375	10,315			0	279	0	0	37	1,186		
AC.FT.	9,951	9,394	1,369	2,001	55,687	0	1,426	0	0	744	20,459			0	553	0	0	73	2,352		

TOTAL ACRE-FOOT STORAGE DAYS      1,759,723      TOTAL ACRE-FOOT STORAGE DAYS      665,353      TOTAL ACRE-FOOT STORAGE DAYS      80,279

**REPORT OF THE KERN RIVER WATERMASTER**

OCTOBER 2007  
 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**

**2007 WATER YEAR**

Quantities in acre-feet

	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	TOTAL
+ Kern River Natural Flow	19,989	17,542	20,604	20,874	21,917	34,887	35,649	51,267	24,131	12,363	9,941	8,547	277,711
- Isabella Reservoir Evaporation	3,281	2,075	1,089	1,016	934	2,313	2,838	4,715	5,546	6,323	5,155	3,269	38,554
- Into Isabella Storage	0	0	855	0	0	4,318	5,449	9,862	0	0	0	0	20,484
+ From Isabella Storage	5,298	5,017	0	3,550	1,695	0	0	0	31,057	51,929	31,938	11,901	142,385
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	22,006	20,484	18,660	23,408	22,678	28,256	27,362	36,690	49,642	57,969	36,724	17,179	361,058
Accumulative Absorption within Kern River Service Area	22,006	42,490	61,150	84,558	107,236	135,492	162,854	199,544	249,186	307,155	343,879	361,058	

Quantities in S.F.D. except where noted

REPORT OF THE KERN RIVER WATERMASTER

NOVEMBER 2007

DAY	ISABELLA RESERVOIR		LOSS	FLOW AT 1ST POINT	FLOW ABOVE 1ST POINT	FIRST POINT REGULATED FLOW	CHANGE IN STORAGE+LOSS		COMPUTED 1ST POINT NATURAL FLOW	MEAN STORAGE		KERN COUNTY RECREATION POOL LOSS	TOTAL FLOW AT SECOND POINT		SECOND POINT GROUP FLOW AT 2ND POINT		FRIANT-KERN INFLOW DAY
	ELEVATION (FEET)	MIDNIGHT STORAGE ACRE-FEET					S.F.D.	REGULATED FLOW		+1ST POINT REGULATED FLOW	Recreation Pool + Dead Storage = 15,218 S.F.D. (30,184 ACFT)		IRRIGATION	TOTAL	SECOND	RIVER		FRIANT-KERN
Previous Day	2548.64	108,682	54,794	35	243	22	265	188	188	188	39,576	7	0	0	0	0	0
1	2548.64	108,682	54,794	30	132	20	152	182	182	182	39,576	6	0	0	0	0	1
2	2548.63	108,638	54,772	43	129	20	149	170	179	179	39,563	9	0	0	0	0	2
3	2548.63	108,638	54,772	46	130	21	151	185	185	185	39,551	9	0	0	0	0	3
4	2548.62	108,593	54,749	60	132	20	152	189	195	195	39,534	12	0	0	0	0	4
5	2548.62	108,593	54,749	48	131	20	151	199	190	190	39,525	10	0	0	0	0	5
6	2548.61	108,549	54,727	48	135	20	155	181	187	187	39,509	10	0	0	0	0	6
7	2548.59	108,460	54,682	52	153	20	173	180	177	177	39,461	11	0	0	0	0	7
8	2548.56	108,327	54,615	48	167	21	188	169	171	171	39,396	10	0	0	0	0	8
9	2548.54	108,238	54,570	38	153	20	173	166	164	164	39,349	8	0	0	0	0	9
10	2548.53	108,194	54,548	20	138	20	158	156	166	166	39,337	4	0	0	0	0	10
11	2548.52	108,149	54,525	13	165	20	185	175	162	162	39,301	3	0	0	0	0	11
12	2548.51	108,105	54,503	23	135	20	155	156	175	175	39,298	5	0	0	0	0	12
13	2548.52	108,149	54,525	20	131	20	151	193	180	180	39,307	4	0	0	0	0	13
14	2548.52	108,149	54,525	25	146	20	166	191	191	191	39,307	5	0	0	0	0	14
15	2548.51	108,105	54,503	29	162	20	182	189	184	184	39,280	6	0	0	0	0	15
16	2548.49	108,017	54,459	30	167	20	187	173	182	182	39,245	6	0	0	0	0	16
17	2548.48	107,973	54,436	32	156	20	176	185	174	174	39,211	7	0	0	0	0	17
18	2548.47	107,929	54,414	29	136	21	157	164	172	172	39,197	6	0	0	0	0	18
19	2548.47	107,929	54,414	21	127	20	147	168	166	166	39,195	4	0	0	0	0	19
20	2548.47	107,929	54,414	16	130	21	151	167	166	166	39,194	3	0	0	0	0	20
21	2548.46	107,885	54,392	25	141	19	160	163	155	155	39,164	5	0	0	0	0	21
22	2548.44	107,796	54,347	29	131	19	150	134	154	154	39,139	6	0	0	0	0	22
23	2548.44	107,796	54,347	20	126	19	145	165	154	154	39,128	4	0	0	0	0	23
24	2548.43	107,752	54,325	32	131	21	152	162	165	165	39,109	7	0	0	0	0	24
25	2548.43	107,752	54,325	23	125	19	144	167	160	160	39,102	5	0	0	0	0	25
26	2548.42	107,708	54,303	30	125	20	145	153	156	156	39,083	6	0	0	0	0	26
27	2548.41	107,663	54,280	29	121	20	141	147	154	154	39,067	6	0	0	0	0	27
28	2548.40	107,619	54,258	30	134	20	154	162	150	150	39,033	6	0	0	0	0	28
29	2548.37	107,487	54,191	25	162	20	182	140	147	147	38,973	5	0	0	0	0	29
30	2548.32	107,266	54,080	30	209	21	230	149	149	149	38,862	6	0	0	0	0	30
TOTAL SECOND FOOT DAYS		944	4,260	944	602	602	4,862	5,092	5,092	5,092	38,862	194	0	0	0	0	329
TOTAL ACRE-FEET		1,872	8,450	1,872	1,195	1,195	9,645	10,100	10,100	10,100	77,082	385	0	0	0	0	652

By:  Date: December 19, 2007

**REPORT OF THE KERN RIVER WATERMASTER**

Quantities in S.F.D. except where noted

NOVEMBER 2007

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

DAY	FLOW ABOVE				FLOW				ENTITLEMENT				FLOW				RESERVOIR	LOSS	STORAGE	DAY		
	ENTL AT 1ST POINT		RESERVOIR STORAGE		ENTL AT 1ST POINT		RESERVOIR STORAGE		CONTRIBUTED BY:		ENTL AT 2ND POINT		RESERVOIR STORAGE									
	AT 1ST POINT	1ST POINT	LOSS	STORAGE	AT 1ST POINT	1ST POINT	LOSS	STORAGE	NKWSD	BIWSD	AT 2ND POINT	2ND POINT	LOSS	STORAGE								
Previous Day	188	220	22	25	28,075	0	23	0	0	0	9	10,315	1	1,186								
1	182	96	20	21	28,620	0	36	0	0	8	10,271	1	685	1								
2	179	95	20	31	28,653	0	34	0	0	11	10,226	1	684	2								
3	185	93	21	33	28,691	0	37	0	0	12	10,177	1	683	3								
4	195	95	20	44	28,727	0	37	0	0	15	10,125	1	682	4								
5	190	93	20	35	28,769	0	38	0	0	12	10,075	1	681	5								
6	187	92	20	35	28,809	0	43	0	0	12	10,020	1	680	6								
7	177	114	20	38	28,814	0	39	0	0	13	9,968	1	679	7								
8	171	128	21	35	28,801	0	39	0	0	12	9,917	1	678	8								
9	164	119	20	27	28,799	0	34	0	0	10	9,873	1	677	9								
10	166	105	20	15	28,825	0	33	0	0	5	9,835	0	677	10								
11	162	136	20	10	28,821	0	29	0	0	3	9,803	0	677	11								
12	175	125	20	17	28,834	0	10	0	0	6	9,787	0	677	12								
13	180	131	20	15	28,848	0	0	0	0	5	9,782	0	677	13								
14	191	146	20	19	28,854	0	0	0	0	6	9,776	0	677	14								
15	184	162	20	22	28,834	0	0	0	0	7	9,769	0	677	15								
16	182	167	20	23	28,806	0	0	0	0	7	9,762	0	677	16								
17	174	156	20	24	28,780	0	0	0	0	8	9,754	0	677	17								
18	172	136	21	22	28,773	0	0	0	0	7	9,747	0	677	18								
19	166	127	20	16	28,776	0	0	0	0	5	9,742	0	677	19								
20	166	130	21	12	28,779	0	0	0	0	4	9,738	0	677	20								
21	155	141	19	19	28,755	0	0	0	0	6	9,732	0	677	21								
22	154	131	19	22	28,737	0	0	0	0	7	9,725	0	677	22								
23	154	126	19	15	28,731	0	0	0	0	5	9,720	0	677	23								
24	165	131	21	24	28,720	0	0	0	0	8	9,712	0	677	24								
25	160	117	19	17	28,727	0	8	0	0	6	9,698	0	677	25								
26	156	122	20	23	28,718	0	3	0	0	7	9,688	0	677	26								
27	154	118	20	22	28,712	0	3	0	0	7	9,678	0	677	27								
28	150	131	20	23	28,688	0	3	0	0	7	9,668	0	677	28								
29	147	161	20	19	28,635	0	1	0	0	6	9,661	0	677	29								
30	149	208	21	23	28,532	0	1	0	0	7	9,653	0	677	30								
S.F.D.	5,092	3,832	602	701	28,532	0	428	0	0	234	9,653	9	677	S.F.D.								
AC.F.T.	10,100	7,602	1,195	1,390	56,593	0	848	0	0	464	19,146	18	1,343	AC.F.T.								
TOTAL ACRE-FOOT STORAGE DAYS												1,710,878	TOTAL ACRE-FOOT STORAGE DAYS				585,286	TOTAL ACRE-FOOT STORAGE DAYS				40,356

**REPORT OF THE KERN RIVER WATERMASTER**

**NOVEMBER 2007  
WATERMASTER NOTES \*\*\* KERN RIVER BULLETIN**

MONTH	DAY(S)	PAGE NO.	TITLE OF COLUMN	COMMENT
November	1	2	NORTH KERN WSD - RESERVOIR STORAGE HACIENDA WATER DISTRICT - RESERVOIR STORAGE	Includes: HACIENDA WATER DISTRICT transfer of Transportation Loss Assignment savings to NORTH KERN WATER STORAGE DISTRICT of 991 acre-feet (500 s.f.d.) per Section 2 (c) of the 1962 Kern River Water Rights and Storage Agreement.
November	24-30	1	FRIANT-KERN INFLOW	Denotes operational spill to Kern River Channel as reported by Friant Water Authority.



**Carrier Reclamation Weir**

**REPORT OF THE KERN RIVER WATERMASTER**

DECEMBER 2007

Quantities in S.F.D. except where noted

PAGE 1 of 5

DAY	ELEVATION	ISABELLA RESERVOIR		LOSS	FLOW AT 1ST POINT	FLOW ABOVE 1ST POINT	FIRST POINT REGULATED FLOW	CHANGE IN STORAGE+LOSS		COMPUTED 1ST POINT NATURAL FLOW	MEAN STORAGE		KERN COUNTY RECREATION POOL LOSS	TOTAL FLOW AT SECOND POINT	SECOND POINT GROUP FLOW		FRIANT-KERN INFLOW DAY							
		AT 1ST POINT	MIDNIGHT STORAGE					REGULATED	REGULATED		Recreation Pool + Dead Storage = 15,218 S.F.D. (30,184 ACFT)	IRRIGATION			RIVER	KERN								
Previous Day	2548.32	107,266	54,080	30	209	21	230	149	149	149	54,080	38,862	6	0	0	0	8							
1	2548.22	106,827	53,859	17	314	19	333	129	129	151	53,881	38,663	4	0	0	0	4							
2	2548.17	106,475	53,681	15	339	18	357	194	194	153	53,662	38,444	3	0	0	0	4							
3	2548.02	105,950	53,416	34	347	20	367	136	136	157	53,418	38,200	7	0	0	0	4							
4	2547.91	105,471	53,175	14	349	19	368	141	141	148	53,184	37,966	3	0	0	0	4							
5	2547.81	105,035	52,955	25	344	19	363	168	168	159	52,955	37,737	5	0	0	0	4							
6	2547.76	104,818	52,846	12	336	19	355	258	258	258	52,846	37,628	3	0	0	0	4							
7	2547.77	104,862	52,868	7	318	18	336	365	365	365	52,868	37,650	1	0	0	0	4							
8	2547.84	105,166	53,021	5	272	18	290	448	448	448	53,021	37,803	1	0	0	0	4							
9	2547.89	105,384	53,131	9	102	19	121	240	240	240	53,131	37,913	2	0	0	0	3							
10	2547.92	105,514	53,197	12	93	19	112	190	190	198	53,205	37,987	3	0	0	0	2							
11	2547.96	105,689	53,285	17	91	19	110	215	215	194	53,272	38,054	4	0	0	0	11							
12	2547.98	105,776	53,329	19	94	19	113	176	176	191	53,331	38,113	4	0	0	0	0							
13	2548.01	105,906	53,394	7	94	18	112	184	184	175	53,387	38,169	1	0	0	0	13							
14	2548.03	105,993	53,438	15	88	18	106	165	165	180	53,446	38,228	3	0	0	0	14							
15	2548.05	106,081	53,483	14	113	19	132	191	191	172	53,472	38,254	3	0	0	0	15							
16	2548.05	106,081	53,483	17	124	18	142	159	159	175	53,488	38,270	4	0	0	0	16							
17	2548.05	106,081	53,483	19	135	20	155	174	174	169	53,483	38,265	4	0	0	0	17							
18	2548.05	106,081	53,483	2	222	22	244	246	246	246	53,483	38,265	0	0	0	0	18							
19	2548.09	106,256	53,571	10	191	18	209	307	307	307	53,571	38,353	2	0	0	0	19							
20	2548.12	106,388	53,637	9	146	20	166	241	241	241	53,637	38,419	2	0	0	0	20							
21	2548.17	106,607	53,748	12	145	19	164	287	287	287	53,748	38,530	2	0	0	0	21							
22	2548.21	106,783	53,836	21	106	15	121	230	230	222	53,828	38,610	4	0	0	0	22							
23	2548.25	106,959	53,925	14	86	18	104	207	213	213	53,923	38,705	3	0	0	0	23							
24	2548.29	107,134	54,013	15	83	16	99	202	210	210	54,019	38,801	3	0	0	0	24							
25	2548.32	107,266	54,080	21	117	15	132	220	220	196	54,062	38,844	4	0	0	0	25							
26	2548.33	107,310	54,102	16	110	17	127	165	165	201	54,120	38,902	3	0	0	0	26							
27	2548.36	107,442	54,169	9	125	16	141	217	217	188	54,158	38,940	2	0	0	0	27							
28	2548.36	107,442	54,169	12	154	16	170	182	182	187	54,163	38,945	2	0	0	0	28							
29	2548.35	107,398	54,147	14	154	17	171	163	163	183	54,161	38,943	3	0	0	0	29							
30	2548.36	107,442	54,169	14	152	16	168	204	204	190	54,169	38,951	3	0	0	0	30							
31	2548.36	107,442	54,169	22	145	16	161	183	183	183	54,169	38,951	5	0	0	0	31							
<b>TOTAL SECOND FOOT DAYS</b>														449	5,489	560	6,587	6,587	93	0	0	0	37	
<b>TOTAL ACRE-FEET</b>														891	10,887	1,111	11,998	13,065	184	107,442	77,258	0	0	74

By: *And*

Date: \_\_\_\_\_ January 18, 2008

**REPORT OF THE KERN RIVER WATERMASTER**

Quantities in S.F.D. except where noted

DECEMBER 2007

**NORTH KERN WATER STORAGE DISTRICT**

**BUENA VISTA WATER STORAGE DISTRICT**

**HACIENDA WATER DISTRICT**

DAY	ENTL			RESERVOIR			ENTL			RESERVOIR			ENTL			RESERVOIR																															
	AT 1ST POINT	FLOW ABOVE 1ST POINT	AT 1ST POINT	LOSS	STORAGE	AT 1ST POINT	VIA KWD	VIA CWD	VIA AT 2ND POINT	LOSS	STORAGE	AT 1ST POINT	VIA KWD	VIA CWD	VIA AT 2ND POINT	LOSS	STORAGE	AT 1ST POINT	VIA KWD	VIA CWD	VIA AT 2ND POINT	LOSS	STORAGE																								
Previous Day	149	208	21	23	28,532	0	1	0	0	0	7	9,653																																			
1	151	313	19	13	28,338	0	1	0	0	4	9,648																																				
2	153	339	18	11	28,123	0	0	0	0	4	9,644																																				
3	157	347	20	25	27,888	0	0	0	0	9	9,635																																				
4	148	349	19	10	27,658	0	0	0	0	4	9,631																																				
5	159	344	19	19	27,435	0	0	0	0	6	9,625																																				
6	258	336	19	9	27,329	0	0	0	0	3	9,622																																				
7	365	318	18	5	27,353	0	0	0	0	2	9,620																																				
8	448	272	18	4	27,507	0	0	0	0	1	9,619																																				
9	240	102	19	7	27,619	0	0	0	0	2	9,617																																				
10	198	93	19	9	27,696	0	0	0	0	3	9,614																																				
11	194	91	19	13	27,767	0	0	0	0	4	9,610																																				
12	191	94	19	14	27,831	0	0	0	0	5	9,605																																				
13	175	94	18	5	27,889	0	0	0	0	2	9,603																																				
14	180	88	18	11	27,952	0	0	0	0	4	9,599																																				
15	172	113	19	10	27,982	0	0	0	0	4	9,595																																				
16	175	124	18	13	28,002	0	0	0	0	4	9,591																																				
17	169	135	20	14	28,002	0	0	0	0	5	9,586																																				
18	246	222	22	1	28,003	0	0	0	0	1	9,585																																				
19	307	191	18	7	28,094	0	0	0	0	3	9,582																																				
20	241	146	20	7	28,162	0	0	0	0	2	9,580																																				
21	287	145	19	9	28,276	0	0	0	0	3	9,577																																				
22	222	106	15	16	28,361	0	0	0	0	5	9,572																																				
23	213	86	18	11	28,459	0	0	0	0	3	9,569																																				
24	210	83	16	11	28,559	0	0	0	0	4	9,565																																				
25	196	117	15	16	28,607	0	0	0	0	5	9,560																																				
26	201	110	17	12	28,669	0	0	0	0	4	9,556																																				
27	188	125	16	7	28,709	0	0	0	0	2	9,554																																				
28	187	154	16	9	28,717	0	0	0	0	3	9,551																																				
29	183	154	17	11	28,718	0	0	0	0	3	9,548																																				
30	190	152	16	11	28,729	0	0	0	0	3	9,545																																				
31	183	145	16	17	28,739	0	0	0	0	5	9,535																																				
S.F.D.	6,587	5,488	560	337	28,739	0	1	0	0	112	9,535																																				
AC.F.T.	13,065	10,885	1,111	689	57,003	0	2	0	0	222	18,912																																				
TOTAL ACRE-FOOT STORAGE DAYS												TOTAL ACRE-FOOT STORAGE DAYS												TOTAL ACRE-FOOT STORAGE DAYS																							
												1,727,946												589,771												41,627											

**REPORT OF THE KERN RIVER WATERMASTER**

**DECEMBER 2007  
WATERMASTER NOTES \*\*\* KERN RIVER BULLETIN**

<u>MONTH</u>	<u>DAY(S)</u>	<u>PAGE NO.</u>	<u>TITLE OF COLUMN</u>	<u>COMMENT</u>
December	1-10	1	FRIANT-KERN INFLOW	Denotes operational spill to Kern River Channel as reported by Friant Water Authority.
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 2007 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)



Lake Ming

# **DANGER SWIMMERS**

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

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

**Do Not Swim in this river!**

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

# CITY OF BAKERSFIELD KERN RIVER FIRST POINT FLOW AND DIVERSION RECORD

Date: January 2007 Recap

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

QUANTITIES IN: ACRE-FEET  
 % OF IT'S DIVERSION RIGHT

20874  
 18265  
 2609  
 676  
 1833  
 N/A

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

RIVER STAGE	DIVERSION RIGHT		GROSS DIV'R	GROSS ENT'L	RELEASES		ENTITLEMENT LESS RELEASES ... OR PLUS DISTRIBUTED RELEASES		EXCHANGES, SALES OR PURCHASES		NET DIVERSIONS			WATER TRANS. LOSS		ISABELLA RESERVOIR						
	AMT.	NAME OF CANAL			To River	Direct	Pro	NKWS	KCC&W Co.	KDWD	OTHER	PLUS	LESS	NKWS	KCC&W Co.	KDWD	OTHER	DIR	PRO	IN	PREVIOUS BALANCE	LOSS	OUT	CURRENT BALANCE
300.0	300	K.C.L. Co. ENT'L @ 2ND PT.	7194	18265	11057			7208										14	2500	14	0	2500
		EASTSIDE	105								105							0	0	0	0	0
320.0	20	KERN RIVER CONDUIT																0	0	0	0	0
		CASTRO		173	135													0	0	0	0	0
		KCC&W Co.		460	462			1230		7156								0	11165	61	33	11071
330.5	10.5	SOUTH FORK	288	288														0	600			600
410.5	80	BUENA VISTA (1-ST)	1454	665	130	927		1452										8	1500	8	0	1500
530.5	120	JAMES (1-ST)	228	228	6799													0	0			0
550.5	20	ANDERSON (1-ST)	38	38	837													0	0			0
700.5	150	STINE	81	81														0	0			0
730.5	30	MIEACHAM			917													0	0			0
800.5	150	FARMERS																0	0			0
920.5	40	PLUNKET			781													0	0			0
960.5	40	JOYCE			319													0	0			0
1000.5	40	JOHNSON			79													0	0			0
1130.5	130	PIONEER (1-ST)			258													0	0			0
1190.5	60	BEARDSLEY (1-ST)	77															0	0			0
		LERDO (NKWS)	5017															0	0			0
1200.5	10	ANDERSON (2-ND)			20													0	0			0
1240.5	40	JAMES & DIXON			22													0	0			0
1250.5	10	WILSON																0	0			0
		KCC&W Co.																0	0			0
1276.5	26	MCCAFFREY																0	0			0
		McCCORD																0	0			0
1276.5	100	LERDO 30%																0	0			0
		BEARDSLEY 70%																0	0			0
		CENTRAL 20%	1813															0	0			0
2226.5	860	CALLOWAY																0	0			0
		RAILROAD																0	0			0
2426.5	200	KCC&W Co. 20%																0	0			0
		NKWS 80%																0	0			0
2516.5	90	BUENA VISTA (2-ND)																0	0			0
2696.5	180	JAMES (2-ND)																0	0			0
2866.5	170	PIONEER (2-ND)																0	0			0
3106.5	240	BEARDSLEY (3-RD)																0	0			0
3162.5	56	KERN ISLAND (2-ND)																0	0			0
		ROSEDALE RBWS																0	0			0
		TRUXTUN LAKES																0	0			0
		NORTH LAKE																0	0			0
		COUNTY OF KERN																0	0			0
		KERN VALLEY GOLF COURSE																0	0			0
		CALIFORNIA WATER SERVICE CO.																0	0			0
		OLCSE WD																0	0			0
		2800 ACRE SPREADING	2063															0	0			0
		PIONEER PROJECT	1981															0	0			0
		BYWSD FOR ID4																0	0			0
		BYWSD VIA KDWD																0	0			0
		NKWS FOR ID4																0	0			0
		BYWSD FOR La HACIENDA, INC.																0	0			0
TOTALS			908	19704	20198	11556	11556	0	10298	1230	8670	0	9641	9115	1591	8337	8648	77	608	0	608	0
		LOSS																				
FLOW AT FIRST POINT			908	20987	20874																	

TOTAL CHANGE IN STORAGE = -1258

NOTES:

Eastside Exch. Less: from BVWSD= 105

KCC&W Exch. Plus: NKWS to City (BIP)= 7166

Lerdo (NKWS): City to RRBWSD= 3426

2800 Acre Spreading: City to RRBWSD= 2063

Pioneer Project: City to RRBWSD= 1981

River Loss: BVWSD for ID4= 14

City: Exch. Less: BVWSD for ID4= 163

River Loss: NKWS for ID4= 512

City: Exch. Less: NKWS for ID4= 1650









# CITY OF BAKERSFIELD

## KERN RIVER FIRST POINT FLOW AND DIVERSION RECORD

Date: June 2007 Recap

K.C.L. CO. ENTITLEMENT AT SECOND POINT (4.563%)... 101  
 B.V.W.S.D. ENTITLEMENT..... 2211  
 SEEPAGE LOSS..... 655  
 KERN RIVER CONDUIT ENTITLEMENT..... 4166  
 HACIENDA W.D. ENTITLEMENT AT FIRST POINT..... 0  
 TOTAL..... 7133

QUANTITIES IN: ACRE-FEET

24131  
 16998  
 7133  
 7133  
 0  
 N/A % OF ITS DIVERSION RIGHT

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

RIVER STAGE	DIVERSION RIGHT		GROSS DIVR	GROSS ENT'L	RELEASES		ENTITLEMENT LESS RELEASES			EXCHANGES, SALES OR PURCHASES		NET DIVERSIONS			WATER TRANS. LOSS		ISABELLA RESERVOIR						
	AMT.	NAME OF CANAL			To River	Distribution	Direct	Pro	NKWS	KCC&W Co.	KDWD	OTHER	PLUS	LESS	NKWS	KCC&W Co.	KDWD	OTHER	DIR	PRO	PREVIOUS BALANCE	LOSS	OUT	CURRENT BALANCE
300.0	300	K.C.L. Co. ENT'L @ 2ND PT.	101	101			101											1658	12632	352	2168	11770	
		KERN ISLAND (1-ST)	15818	16998				16998															
		EASTSIDE	2106	4166				4166															
		KERN RIVER CONDUIT																					
		CASTRO																					
		KCC&W Co.																					
		SOUTH FORK																					
		BUENA VISTA (1-ST)	2096																				
		JAMES (1-ST)																					
		ANDERSON (1-ST)																					
		STINE	2843																				
		MEACHAM																					
		FARMERS	1444																				
		PLUNKET																					
		JOYCE																					
		JOHNSON																					
		PIONEER (1-ST)																					
		PIONEER	875																				
		BEARDSLEY (1-ST)																					
		LERDO (NKWS)	19947																				
		ANDERSON (2-ND)																					
		JAMES & DIXON																					
		WILSON																					
		KCC&W Co.																					
		McCAFFREY																					
		McCORD																					
		BEARDSLEY 30%																					
		CENTRAL 70%																					
		CALLOWAY																					
		NKWS 80%																					
		RAILROAD																					
		KCC&W Co. 20%																					
		NKWS 80%																					
		BUENA VISTA (2-ND)																					
		JAMES (2-ND)																					
		PIONEER (2-ND)																					
		BEARDSLEY (3-ND)																					
		KERN ISLAND (2-ND)																					
		ROSEDALE RBWSD																					
		TRUXTON LAKES	173																				
		NORTH LAKE																					
		COUNTY OF KERN																					
		KERN VALLEY GOLF COURSE																					
		CALIFORNIA WATER SERVICE CO.																					
		OLCESE WD																					
		THE PARK AT RIVER WALK	163																				
		BYWSD VIA KOWD																					
		BYWSD VIA CWD																					
		TOTALS	1646	45465	21265	0	0	0	101	4166	16998	0	13861	14621	1982	20872	875	629	0	0	0	0	0
		LOSS																					
		FLOW AT FIRST POINT	1646	46750	21920																		

TOTAL CHANGE IN STORAGE = -20748

NOTES:

Kern Island Exch. Less: from BYWSD= 232  
 Eastside Exch. Less: from BYWSD= 184  
 Buena Vista Exch. Less: from BYWSD= 1192  
 Stine Exch. Less: from BYWSD= 1641  
 Farmers Exch. Less: from BYWSD= 186

Lerdo Exch. Less: BYWSD via CWD= 5426  
 Lerdo Exch. Plus: City to NKWS (Basic)= 5000

# CITY OF BAKERSFIELD KERN RIVER FIRST POINT FLOW AND DIVERSION RECORD

Date: July 2007 Recap

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

12363  
 11687  
 676  
 676  
 0  
 N/A

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

QUANTITIES IN: ACRE-FEET  
 % OF IT'S DIVERSION RIGHT

RIVER STAGE	AMT.	DIVERSION RIGHT		GROSS DIVR	GROSS ENT'L	RELEASES		ENTITLEMENT LESS RELEASES ... OR PLUS DISTRIBUTED RELEASES				EXCHANGES, SALES OR PURCHASES				NET DIVERSIONS				WATER TRANS. LOSS			ISABELLA RESERVOIR						
		NAME OF CANAL	ENT'L @ 2ND PT.			To River	Direct	Pro	Distribution	NKWS	KCC&W Co.	KDWD	OTHER	PLUS	LESS	NKWS	KCC&W Co.	KDWD	OTHER	DIR	PRO	PREVIOUS BALANCE	LOSS	OUT	CURRENT BALANCE				
300.0	300	K.C.L. Co. ENT'L @ 2ND PT.	17663	11687				11687												0	11770	359	7352	4059					
320.0	20	EASTSIDE	2130																	0	0	0	0	0					
330.5	10.5	KERN RIVER CONDUIT																		0	0	0	0	0					
410.5	80	KCC&W Co.																		0	0	0	0	0					
530.5	120	SOUTH FORK																		0	0	0	0	0					
580.5	20	BUENA VISTA (1-ST)																		0	0	0	0	0					
700.5	150	JAMES (1-ST)																		0	0	0	0	0					
730.5	30	ANDERSON (1-ST)																		0	0	0	0	0					
820.5	40	STINE	105																	0	0	0	0	0					
860.5	40	MEACHAM																		0	0	0	0	0					
900.5	150	FARMERS	250																	0	0	0	0	0					
920.5	40	PLUNKET																		0	0	0	0	0					
980.5	40	JOYCE																		0	0	0	0	0					
1000.5	40	JOHNSON																		0	0	0	0	0					
1130.5	130	PIONEER (1-ST)																		0	0	0	0	0					
1190.5	60	PIONEER (1-ST)	918																	0	0	0	0	0					
1200.5	10	BEARDSLEY (1-ST)	22658																	0	0	0	0	0					
1240.5	40	LERDO (NKWS)																		0	0	0	0	0					
1290.5	10	ANDERSON (2-ND)																		0	0	0	0	0					
1290.5	10	JAMES & DIXON																		0	0	0	0	0					
1290.5	10	WILSON																		0	0	0	0	0					
1276.5	26	KCC&W Co.																		0	109	4	105	0					
1376.5	100	McCAFFREY																		0	218	2	198	18					
2226.5	850	McCORD																		0	0	0	0	0					
2426.5	200	LERDO 30%																		0	0	0	0	0					
2616.5	90	BEARDSLEY 70%																		0	0	0	0	0					
2696.5	180	CENTRAL 20%																		0	0	0	0	0					
2866.5	170	CALLOWAY																		0	0	0	0	0					
3106.5	240	RAILROAD																		0	0	0	0	0					
3162.5	56	KCC&W Co. 20%																		0	0	0	0	0					
		KCC&W Co. 80%																		0	0	0	0	0					
		BUENA VISTA (2-ND)																		0	0	0	0	0					
		JAMES (2-ND)																		0	0	0	0	0					
		PIONEER (2-ND)																		0	0	0	0	0					
		BEARDSLEY (3-RD)																		0	0	0	0	0					
		KERN ISLAND (2-ND)																		0	0	0	0	0					
		ROSEDALE RBWS																		0	0	0	0	0					
		TRUXTUN LAKES	161																	0	0	0	0	0					
		NORTH LAKE																		0	0	0	0	0					
		COUNTY OF KERN																		0	0	0	0	0					
		KERN VALLEY GOLF COURSE																		0	0	0	0	0					
		CALIFORNIA WATER SERVICE CO.																		0	0	0	0	0					
		OLCOSE WD																		0	0	0	0	0					
		THE PARK AT RIVER WALK	95																	0	0	0	0	0					
		HACIENDA WD VIA NKWS																		0	0	0	0	0					
		BYWSD VIA KOWD																		0	0	0	0	0					
		BYWSD VIA CWD																		0	0	0	0	0					
		HACIENDA WD VIA CWD																		0	0	0	0	0					
		HACIENDA WD (Transportation Loss)																		0	0	0	0	0					
TOTALS			1831	43980	11687	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18964	18964	9500	2087	19342	918	717	200	917	
		LOSS																											
		FLOW AT FIRST POINT	1831	45572	12363																								

TOTAL CHANGE IN STORAGE = -24472  
 NOTES:  
 Kern Island Exch. Leas: from BVWSD= 228  
 Eastside Exch. Leas: from BVWSD= 526  
 Farmers Exch. Leas: from BVWSD= 52  
 Lerdo Exch. Leas: HWD via NKWS= 4709  
 Lerdo Exch. Leas: BVWSD via CWD= 4403  
 Lerdo Exch. Leas: HWD via CWD= 4046  
 Lerdo Exch. Plus: City to NKWS (Basic)= 5000

# CITY OF BAKERSFIELD KERN RIVER FIRST POINT FLOW AND DIVERSION RECORD

Date: August 2007 Recap

COMPUTED NATURAL FLOW AT FIRST POINT..... 9941  
 LESS NON-CONTRIBUTING CANALS..... 9265  
 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 ITS 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

RIVER STAGE	DIVERSION RIGHT	GROSS DIV'R	GROSS ENT'L	RELEASES		ENTITLEMENT LESS RELEASES ... OR PLUS DISTRIBUTED RELEASES				EXCHANGES, SALES OR PURCHASES		NET DIVERSIONS				WATER TRANS. LOSS			ISABELLA RESERVOIR				
				To River	Distribution	Direct	Pro	KNKWS	KCC&W Co.	KOWD	OTHER	PLUS	LESS	KNKWS	KCC&W Co.	KOWD	OTHER	DIR	PRO	IN	PREVIOUS BALANCE	LOSS	OUT	CURRENT BALANCE
300.0	K.C.L. Co. ENT'L @ 2ND PT.	13254	9265					9265									486	4059	71	4005	469		
	KERN ISLAND (1-ST)	1603																					
	EASTSIDE																						
	KERN RIVER CONDUIT																						
	CASTRO																						
	KCC&W Co.																						
	SOUTH FORK																						
	BUENA VISTA (1-ST)																						
	JAMES (1-ST)																						
	ANDERSON (1-ST)																						
	STINE																						
	MEACHAM																						
	FARMERS																						
	PLUNKET																						
	JOYCE																						
	JOHNSON																						
	PIONEER (1-ST)																						
	BEARDSLEY (1-ST)	841																					
	LERDO (NKWSD)	10324																					
	ANDERSON (2-ND)																						
	JAMES & DIXON																						
	WILSON																						
	KCC&W Co.																						
	McCAFFREY																						
	McCORD																						
	BEARDSLEY 30%																						
	CENTRAL 20%																						
	KNKWS 80%																						
	RAILROAD																						
	KCC&W Co. 20%																						
	KNKWS 80%																						
	BUENA VISTA (2-ND)																						
	JAMES (2-ND)																						
	PIONEER (2-ND)																						
	BEARDSLEY (3-RD)																						
	KERN ISLAND (2-ND)																						
	ROSDALE RBWSD																						
	TRUXTON LAKES																						
	NORTH LAKE																						
	COUNTY OF KERN																						
	KERN VALLEY GOLF COURSE																						
	CALIFORNIA WATER SERVICE CO.																						
	OLCESE WD																						
	THE PARK AT RIVER WALK																						
	HACIENDA WD VIA NKWSD																						
	BYWSD VIA KOWD																						
	HACIENDA WD VIA CWD																						
	ARVIN-EDISON TURNOUT																						
	HACIENDA WD TRANSFER TO NKWSD																						
	TOTALS	1906	26445	9265	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	LOSS		1316	676																			
	FLOW AT FIRST POINT	1906	27761	9941																			

TOTAL CHANGE IN STORAGE = -10644

NOTES:  
 Kern Island Exch. Leas: from BVWSD= 1283  
 Eastside Exch. Leas: from BVWSD= 790  
 Lerdo Exch. Leas: HWD via NKWSD= 1930  
 Lerdo Exch. Leas: HWD via CWD= 6623  
 Lerdo Exch. Plus: City to NKWSD (Basic)= 5642  
 Lerdo Exch. Plus: HWD to NKWSD= 1713

# CITY OF BAKERSFIELD KERN RIVER FIRST POINT FLOW AND DIVERSION RECORD

Date: September 2007 Recap

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

QUANTITIES IN: ACRE-FEET  
 % OF IT'S DIVERSION RIGHT

8547  
 7892  
 655  
 655  
 0  
 N/A

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

RIVER STAGE	AMT.	NAME OF CANAL	GROSS DIV'R ENT'L	GROSS ENT'L	RELEASES		ENTITLEMENT LESS RELEASES ... OR PLUS DISTRIBUTED RELEASES		EXCHANGES, SALES OR PURCHASES		NET DIVERSIONS				WATER TRANS. LOSS		ISABELLA RESERVOIR			CURRENT BALANCE
					To River	Distribution	NKWS	KCC&W Co.	KDWD	OTHER	PLUS	LESS	NKWS	KCC&W Co.	KDWD	OTHER	DIR	PRO	IN		PREVIOUS BALANCE	LOSS	OUT
300.0	300	K.C.L. Co. ENT'L @ 2ND PT.	6863	7892			7892		1035	860						1269	469	20	475	1303
		EASTSIDE	750							750										
320.0	20	KERN RIVER CONDUIT																		
		KCC&W Co.																		
330.5	10.5	SOUTH FORK																		
410.5	80	BUENA VISTA (1-ST)																		
530.5	120	JAMES (1-ST)																		
550.5	20	ANDERSON (1-ST)																		
700.5	150	STINE																		
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)	783																	
1200.5	10	ANDERSON (2-ND)	6466						776	6169	297									
1240.5	40	JAMES & DIXON																		
1260.5	10	WILSON																		
1276.5	26	McCAFREY																		
1376.5	100	McCORD																		
1976.5	100	BEARDSLEY 30%																		
2226.5	650	CALLOWAY																		
2226.5	650	CALLOWAY																		
2426.5	200	RAILROAD																		
2426.5	200	RAILROAD																		
2516.5	90	BUENA VISTA (2-ND)																		
2686.5	180	JAMES (2-ND)																		
2866.5	170	PIONEER (2-ND)																		
3106.5	240	BEARDSLEY (3-RD)																		
3162.5	56	KERN ISLAND (2-ND)																		
		ROSEDALE RWISD																		
		TRUXTUN LAKES																		
		NORTH LAKE																		
		COUNTY OF KERN																		
		KERN VALLEY GOLF COURSE																		
		CALIFORNIA WATER SERVICE CO.																		
		OLGEESE WD																		
		THE PARK AT RIVER WALK																		
		BVWSD VIAFOR KDWD																		
		HACIENDA WD VIA CWD																		
		HACIENDA WD VIA NKWS																		
		HACIENDA WD FOR KCWA																		
		HACIENDA WD TRANSFER TO NKWS																		
TOTALS			1662	14662	7892	0	0	0	0	8555	297	1662	7038	783	1	0				
		LOSS																		
FLOW AT FIRST POINT			1662	15517	8547															

TOTAL CHANGE IN STORAGE = -3362

NOTES:

Kern Island Exch. Less: from BVWSD= 860  
 Eastside Exch. Less: from BVWSD= 750

Lerdo Exch. Less: HWD via CWD= 2019  
 Lerdo Exch. Less: HWD via NKWS= 1807  
 Lerdo Exch. Less: ID4 from Kern Island= 1035  
 Lerdo Exch. Less: KDWD for ID4= 383  
 Lerdo Exch. Less: HWD for KCWA= 925

Lerdo Exch. Plus: HWD to NKWS= 776



# CITY OF BAKERSFIELD KERN RIVER FIRST POINT FLOW AND DIVERSION RECORD

Date: November 2007 Recap

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

QUANTITIES IN: ACRE-FEET  
 % OF IT'S DIVERSION RIGHT  
 N/A

COMPUTED NATURAL FLOW AT FIRST POINT..... 10100  
 LESS NON-CONTRIBUTING CANALS..... 9445  
 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

RIVER STAGE	AMT.	DIVERSION RIGHT		GROSS DIV'R		GROSS ENT'L		RELEASERS		ENTITLEMENT LESS RELEASES OR PLUS DISTRIBUTED RELEASES		EXCHANGES, SALES OR PURCHASES		NET DIVERSIONS				WATER TRANS. LOSS		ISABELLA RESERVOIR		CURRENT BALANCE				
		NAME OF CANAL	ENT'L @ 2ND PT.	DIR	PRO	TO RIVER	DIRECT	PRO	DISTRIBUTION	NKWS	KCC&W Co.	KDWD	OTHER	PLUS	LESS	NKWS	KCC&W Co.	KDWD	OTHER	DIR	PRO		IN	PREVIOUS BALANCE	LOSS	OUT
300.0	300	K.C.L. Co. ENT'L @ 2ND PT.		4780	9445	6070																46	2500	56	1352	1138
320.0	20	EASTSIDE									3375															
330.5	10.5	KERN RIVER CONDUIT																								
410.5	80	KERN RIVER CONDUIT																								
530.5	120	KCC&W Co.																								
550.5	20	SOUTH FORK																								
700.5	150	BUENA VISTA																								
730.5	30	JAMES																								
890.5	150	ANDERSON																								
920.5	40	STINE																								
960.5	40	MEACHAM																								
1000.5	40	FARMERS																								
1130.5	130	PLUNKET																								
1190.5	60	JOYCE																								
1200.5	10	JOYCE																								
1240.5	40	JOYCE																								
1260.5	10	JOYCE																								
1275.5	26	JOYCE																								
1376.5	100	JOYCE																								
2226.5	850	JOYCE																								
2426.5	200	JOYCE																								
2516.5	90	JOYCE																								
2636.5	180	JOYCE																								
2666.5	170	JOYCE																								
3106.5	240	JOYCE																								
3162.5	56	JOYCE																								
		ROSEDALE RBWSD																								
		TRUXTUN LAKES																								
		NORTH LAKE																								
		COUNTY OF KERN																								
		KERN VALLEY GOLF COURSE																								
		CALIFORNIA WATER SERVICE CO.																								
		OLGEESE WD																								
		THE PARK AT RIVER WALK																								
		BYWSD VIAFOR KDWD																								
		NKWS FOR CWD																								
		NKWS FOR ID4																								
		HWD to CITY (Trans. Loss Savings)																								
TOTALS				1195	9445	6070	0	4019	1190	3611	625	4140	4140	868	1195	4681	367	(2)	(2)			46	2500	56	1352	1138
FLOW AT FIRST POINT		LOSS		1195	8450																					

TOTAL CHANGE IN STORAGE = 906

NOTES:

Kern Island Exch. Less: from BVWSD= 99

Lendo Exch. Less: NKWS for CWD= 40  
 Lendo Exch. Less: NKWS for ID4= 991  
 Lendo Exch. Less: KDWD for ID4= 748

South Fork transfer to City: In excess of carryover storage requirement= 1270

# CITY OF BAKERSFIELD KERN RIVER FIRST POINT FLOW AND DIVERSION RECORD

Date: December 2007 Recap

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

QUANTITIES IN: ACRE-FEET

13065  
 12010  
 1065  
 676  
 379  
 N/A % OF IT'S DIVERSION RIGHT

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

RIVER STAGE	DIVERSION RIGHT	GROSS DIV'R	GROSS ENT'L	RELEASES		ENTITLEMENT LESS RELEASES ... OR PLUS DISTRIBUTED RELEASES				EXCHANGES, SALES OR PURCHASES		NET DIVERSIONS				WATER TRANS. LOSS		ISABELLA RESERVOIR			
				To River	Distribution	NKWS	KCC&W Co.	KOWD	OTHER	PLUS	LESS	NKWS	KCC&W Co.	KOWD	OTHER	DIR	PRO	PREVIOUS BALANCE	LOSS	OUT	CURRENT BALANCE
300.0	K.C.L. Co. ENT'L @ 2ND PT. KERN ISLAND (1-ST) EASTSIDE	3348	12010	9960				2050		160	2					109	1138	2	1245	0	
320.0	CASTRO KCC&W Co.		20		228											0	0	0	0	0	
330.5	10.5 SOUTH FORK		38		692		992			139						250	9658	121	230	9657	
410.5	80 BUENA VISTA (1-ST)		202	115	104			191			135					0	600	0	0	600	
530.5	120 JAMES (1-ST)		67		5883		5950									56	1450	18	0	1488	
550.5	20 ANDERSON (1-ST)				988																
700.5	150 STINE				12			12													
730.5	30 MEACHAM				1029																
880.5	150 FARMERS				207			207													
920.5	40 PLUNKET				557																
960.5	40 JOYCE				248																
1000.5	40 JOHNSON				143																
1130.5	130 PIONEER (1-ST)				22																
1180.5	60 BEARDSLEY (1-ST)	359																			
1200.5	10 ANDERSON (2-ND)	4625								6	1546					0	9435	111	359	8965	
1240.5	40 JAMES & DIXON															3540	34294	415	1261	36158	
1250.5	10 WILSON																				
1276.5	26 McCAFFREY KCC&W Co.																				
1376.5	McCORD LEUDO 30% BEARDSLEY 70%																				
2226.5	CALLOWAY CENTRAL 20% NKWS 80%	598									598										
2426.5	RAILROAD KCC&W Co. 20% NKWS 80%																				
2516.5	90 BUENA VISTA (2-ND)																				
2696.5	180 JAMES (2-ND)																				
2886.5	170 PIONEER (2-ND)																				
3106.5	240 BEARDSLEY (3-RD)																				
3162.5	56 KERN ISLAND (2-ND)																				
	ROSEDALE RBWSD																				
	TRUXTUN LAKES																				
	NORTH LAKE																				
	COUNTY OF KERN																				
	KERN VALLEY GOLF COURSE																				
	CALIFORNIA WATER SERVICE CO.																				
	OLCESE WD																				
	THE PARK AT RIVER WALK																				
	GLEN GRUNDEIS																				
	JOY CORDOVA																				
	BIWSD VIA KOWD																				
	NKWS FOR KOWD																				
	NKWS FOR ID4																				
	NKWS FOR CWD																				
	BIWSD TRANSFER TO 1ST. PT. GRP.	1111	8930	12389	10113	0	8937	992	2460	0	3732	2451	3079	1111	3346	359	1281	1281	0		
	TOTALS																				
	FLOW AT FIRST POINT																				
	LOSS																				
	BIWSD Transfer to 1st Pt. Grp.: NKWS (6); City (4)																				

TOTAL CHANGE IN STORAGE = 410  
 NOTES:  
 Kern Island Exch. Plus: from NKWS= 160  
 Kern Island Exch. Less: from BIWSD= 2  
 Buena Vista Exch. Less: to City= 136  
 Lerdo Exch. Less: NKWS for CWD= 615  
 Lerdo Exch. Less: NKWS for ID4= 931  
 Cally. Exch. Less: NKWS for ID4= 598  
 River Loss: NKWS for ID4= 1281







**ISABELLA DAM & LAKE**  
**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		
1984	482	500	517	538	566	590	590	609	653	664	679	761	1104	2124	3490	5028	6549	8045	9545	11115	12740	14570	16144	17408	18696	20550	22070	23322					
1985	7058	6724	6438	6140	5855	5554	5286	5032	4876	4682	4554	4443	4422	4408	4419	4426	4445	4442	4430	4430	4505	4722	4981	5209	5440	5603	5752	5884	6005				
1986	128506	129911	131176	132259	133432	134628	135714	137137	138618	140205	142025	144021	146383	148526	150361	152364	154183	155946	157538	159214	160667	162236	163925	165745	167685	169228	170406	171557	172525	173615			
1987	127954	127452	127000	126749	126498	126246	125994	125742	125490	125238	124986	124734	124482	124230	123978	123726	123474	123222	122970	122718	122466	122214	121962	121710	121458	121206	120954	120702	120450	120200			
1988	147164	146257	145444	144748	144049	143348	142645	141940	141234	140527	139819	139110	138400	137689	136977	136264	135550	134835	134119	133402	132684	131965	131245	130524	129802	129079	128355	127630	126904	126177	125450		
1989	190688	190732	191008	191328	191648	191968	192288	192608	192928	193248	193568	193888	194208	194528	194848	195168	195488	195808	196128	196448	196768	197088	197408	197728	198048	198368	198688	199008	199328	199648	199968		
1990	91894	92054	92214	92374	92534	92694	92854	93014	93174	93334	93494	93654	93814	93974	94134	94294	94454	94614	94774	94934	95094	95254	95414	95574	95734	95894	96054	96214	96374	96534	96694		
1991	28213	28249	28285	28321	28357	28393	28429	28465	28501	28537	28573	28609	28645	28681	28717	28753	28789	28825	28861	28897	28933	28969	29005	29041	29077	29113	29149	29185	29221	29257	29293		
1992	35038	34328	33705	33073	32441	31809	31177	30545	29913	29281	28649	28017	27385	26753	26121	25489	24857	24225	23593	22961	22329	21697	21065	20433	19801	19169	18537	17905	17273	16641	16009		
1993	183664	184230	184796	185362	185928	186494	187060	187626	188192	188758	189324	189890	190456	191022	191588	192154	192720	193286	193852	194418	194984	195550	196116	196682	197248	197814	198380	198946	199512	200078	200644		
1994	117829	118066	118304	118542	118780	119018	119256	119494	119732	119970	120208	120446	120684	120922	121160	121398	121636	121874	122112	122350	122588	122826	123064	123302	123540	123778	124016	124254	124492	124730	124968		
1995	15434	156344	157434	158749	159795	160842	162004	163108	164169	165198	166204	167198	168179	169148	170106	171054	171992	172920	173838	174746	175644	176532	177410	178278	179136	180000	180858	181710	182556	183402	184248	185094	
1996	20347	207482	208084	208754	209398	210008	210584	211128	211640	212122	212594	213046	213478	213890	214282	214654	215006	215348	215680	215992	216294	216576	216838	217090	217322	217544	217756	217958	218150	218332	218504		
1997	175805	175439	175255	175139	175051	174985	174939	174903	174877	174861	174855	174859	174873	174897	174931	174975	175029	175093	175167	175251	175345	175449	175563	175687	175821	175965	176119	176283	176457	176641	176835		
1998	261725	261041	260359	259684	258994	258298	257596	256888	256174	255446	254704	253948	253178	252394	251596	250784	249958	249118	248264	247396	246514	245618	244708	243784	242846	241894	240928	240000	239100	238228	237384		
1999	160000	160888	161902	163042	164318	165740	167308	168922	170592	172316	174094	175926	177812	179752	181744	183788	185886	187938	189944	191904	193918	195886	197806	199682	201614	203502	205344	207140	208894	210606	212278	213900	
2000	165134	163255	161398	159562	157746	155949	154172	152414	150676	148958	147259	145579	143917	142274	140649	139042	137454	135884	134332	132798	131282	129782	128298	126830	125378	123942	122522	121118	119730	118358	117002	115656	
2001	11779	114261	112326	110451	108636	106880	105184	103548	101972	100456	98999	97601	96261	94979	93755	92583	91461	90389	89367	88395	87473	86601	85779	84997	84255	83553	82891	82269	81687	81145	80643	80181	
2002	11779	114261	112326	110451	108636	106880	105184	103548	101972	100456	98999	97601	96261	94979	93755	92583	91461	90389	89367	88395	87473	86601	85779	84997	84255	83553	82891	82269	81687	81145	80643	80181	
2003	175130	176333	177395	178263	179053	179769	180411	180982	181499	182062	182571	183026	183527	183974	184463	184894	185367	185782	186239	186738	187179	187662	188087	188554	189013	189464	189917	190372	190829	191288	191749	192212	
2004	192850	193404	193952	194472	194963	195426	195861	196267	196644	196992	197331	197651	197952	198234	198497	198741	198966	199172	199359	199527	199676	199806	199917	200009	200082	200136	200171	200187	200194	200191	200178	200155	
2005	203377	205456	207411	209256	211043	212768	214430	216032	217564	219027	220421	221745	223000	224194	225328	226402	227416	228370	229274	230128	230932	231686	232390	233044	233648	234202	234716	235190	235624	236018	236372	236686	
2006	289861	291505	293811	296793	300363	311944	316310	320621	324827	328930	332933	336836	340639	344342	347945	351448	354851	358154	361357	364460	367473	370396	373229	375972	378625	381198	383691	386114	388477	390780	393023	395196	
2007	225949	225807	225807	225949	226234	226547	226890	227276	227698	228156	228602	229037	229462	229877	230282	230677	231062	231437	231802	232157	232502	232837	233162	233477	233782	234077	234362	234637	234902	235157	235402	235637	
Max.	46946	470615	472062	473762	475628	477658	479854	482216	484746	487446	490316	493356	496566	499946	503496	507216	511096	515136	519336	523696	528216	532896	537736	542736	547896	553216	558696	564336	570036	575896	581916	588096	
Min.	482	500	517	538	566	590	590	609	653	664	679	761	1104	2124	3490	5028	6549	8045	9545	11115	12740	14570	16144	17408	18696	20550	22070	23322	24696	26184	27788	29512	31356
Ave.	190770	191582	192228	193124	193864	194602	195304	195984	196652	197321	197984	198644	199300	199952	200600	201244	201884	202516	203140	203756	204364	204964	205556	206140	206716	207284	207844	208396	208940	209476	210004	210524	211036

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

Units in acre-feet

MAY

Year	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
1954	24185	24987	25800	27060	28752	30787	33086	35682	38308	40610	42524	44513	46388	48500	50632	52460	54360	56948	60040	63068	66184	68504	70430	72320	73805	75100	76304	77312	78608	79770	80574		
1955	6209	6400	6560	6705	6862	7110	7453	7957	8381	8804	9383	10168	11080	11911	12646	13293	13900	14540	15004	15525	16077	16717	17400	18200	19020	19860	20720	21600	22500	23420	24360		
1956	17452	17552	17652	17800	18197	18507	18950	19498	19998	20540	21120	21740	22400	23100	23840	24620	25440	26300	27200	28140	29120	30140	31200	32300	33440	34620	35840	37100	38400	39740	41160	42660	
1957	12536	12596	12649	12711	12781	12857	12940	13029	13124	13225	13331	13443	13561	13685	13815	13950	14090	14235	14385	14540	14700	14865	15035	15210	15390	15575	15765	15960	16160	16370	16580	16800	
1958	22927	23160	23441	23764	24142	24576	25068	25618	26228	26898	27628	28418	29268	30178	31148	32178	33268	34418	35628	36908	38258	39678	40168	40728	41358	42058	42828	43668	44578	45558	46608	47728	48918
1959	19219	19536	20037	20718	21569	22598	23817	25236	26865	28714	30793	33122	35701	38540	41659	45068	48767	52756	57045	61734	66823	72312	78301	84790	91779	99268	107257	115446	124235	133624	143713	154502	
1960	111742	112572	113357	114202	115122	116122	117212	118402	119682	121052	122512	124062	125712	127462	129312	131262	133312	135462	137712	140062	142512	145062	147712	150462	153312	156212	159162	162212	165362	168612	171962	175412	178962
1961	35204	35497	35830	36185	36635	37190	37860	38640	39540	40560	41700	42960	44340	45840	47460	49200	51060	53040	55140	57360	59700	62160	64740	67440	70260	73200	76260	79440	82740	86160	89700	93360	
1962	88300	90455	92814	95414	98242	101307	104620	108192	112024	116116	120472	125104	130012	135192	140644	146372	152384	158680	165264	172136	179292	186732	194452	202464	210768	219364	228252	237432	246904	256672	266736	277092	
1963	127233	124150	121620	119120	116742	114472	112312	110262	108322	106492	104762	103132	101602	100172	98842	97722	96752	95932	95262	94742	94372	94152	94082	94162	94292	94472	94702	94982	95312	95692	96122	96592	97152
1964	172464	173009	173312	173554	173854	174200	174592	175032	175512	176032	176592	177192	177832	178512	179232	180000	180816	181672	182568	183504	184480	185496	186544	187624	188736	189880	191056	192256	193480	194728	196000	197296	198616
1965	15911	16340	16705	17008	17354	17644	17978	18358	18784	19256	19774	20328	20918	21534	22186	22874	23598	24358	25154	25986	26854	27758	28698	29674	30686	31734	32818	33938	35094	36286	37514	38778	40078
1966	22488	22535	22616	22738	22892	23078	23296	23546	23828	24142	24488	24866	25276	25718	26192	26700	27242	27818	28428	29072	29750	30462	31208	31988	32802	33650	34532	35448	36398	37382	38390	39422	40478
1967	20369	20261	20176	20106	20050	20008	19980	19964	19952	19944	19940	19940	19944	19948	19952	19956	19960	19964	19968	19972	19976	19980	19984	19988	19992	19996	20000	20004	20008	20012	20016	20020	
1968	22488	22535	22616	22738	22892	23078	23296	23546	23828	24142	24488	24866	25276	25718	26192	26700	27242	27818	28428	29072	29750	30462	31208	31988	32802	33650	34532	35448	36398	37382	38390	39422	40478
1969	177030	181603	185988	189345	191068	192734	194352	195912	197420	198828	200136	201344	202452	203460	204368	205176	205884	206492	207000	207408	207716	207924	208032	208040	208048	208056	208064	208072	208080	208088	208096	208104	
1970	26325	26376	26428	26480	26532	26584	26636	26688	26740	26792	26844	26896	26948	27000	27052	27104	27156	27208	27260	27312	27364	27416	27468	27520	27572	27624	27676	27728	27780	27832	27884	27936	27988
1971	18491	18547	18603	18659	18715	18771	18827	18883	18939	18995	19051	19107	19163	19219	19275	19331	19387	19443	19499	19555	19611	19667	19723	19779	19835	19891	19947	20003	20059	20115	20171	20227	20283
1972	113295	113771	114325	114973	115685	116458	117292	118188	119148	120172	121260	122412	123628	124908	126252	127660	129132	130668	132268	133932	135660	137452	139308	141228	143212	145260	147372	149548	151780	154068	156412	158812	161268
1973	137088	139625	143002	146817	151063	155847	161181	167075	173529	180653	188457	196941	206115	215989	226563	237837	249811	262485	275859	290033	305007	320781	337355	354729	372903	391877	411651	432225	453699	476073	499347	523521	548495
1974	292168	294274	297296	300888	305183	309978	315223	320978	327792	334606	341440	348324	355268	362272	369346	376480	383684	390948	398272	405656	413090	420584	428138	435752	443426	451160	458954	466808	474722	482696	490720	498804	506948
1975	126543	126817	127128	127468	127836	128232	128656	129108	129588	130096	130632	131196	131788	132408	133056	133732	134436	135168	135928	136716	137532	138376	139248	140148	141076	142032	143016	144028	145068	146136	147232	148356	149548
1976	152000	156511	157103	157103	157103	157103	157103	157103	157103	157103	157103	157103	157103	157103	157103	157103	157103	157103	157103	157103	157103	157103	157103	157103	157103	157103	157103	157103	157103	157103	157103	157103	157103
1977	66147	66372	66501	66656	66827	67113	67517	68041	68685	69449	70333	71337	72461	73705	75069	76553	78157	79891	81745	83719	85813	87927	90161	92515	95089	97883	100897	104231	107885	111859	116153	120767	125701
1978	284041	283382	283723	284280	284969	285888	286958	288188	289578	291129	292851	294645	296511	298449	300469	302561	304725	306961	309269	311649	314091	316595	319161	321789	324479	327221	330027	332897	335831	338830	341894	345023	348217
1979	332038	335507	337904	340278	342631	344964	347286	349597	351897	354186	356464	358731	360987	363231	365464	367686	369897	372097	374286	376464	378631	380787	382931	385064	387186	389297	391397	393486	395564	397631	399687	401731	403764
1980	389386	393023	396871	401153	405872	411157	417071	423685	430958	438951	447644	457017	467041	477795	489359	501713	514847	528831	543645	559369	575993	593507	611911	631205	651389	672463	694417	717251	741975	767599	794123	821547	849871
1981	287637	270471	273063	274991	276566	277705	278468	278858	279031	279104	279177	279250	279323	279396	279469	279542	279615	279688	279761	279834	279907	279980	280053	280126	280199	280272	280345	280418	280491	280564	280637	280710	280783
1982	370511	371158	371805	372452	373099	373746	374393	375040	375687	376334	376981	377628	378275	378922	379569	380216	380863	381510	382157	382804	383451	384098	384745	385392	386039	386686	387333	387980	388627	389274	389921	390568	391215
1983	300333	307346	314359	321372	328385	335398	342411	349424	356437	363450	370463	377476	384489	391502	398515	405528	412541	419554	426567	433580	440593	447606	454619	461632	468645	475658	482671	489684	496697	503710	510723	517736	524749
1984	314251	315278	316305	317332	318359	319386	320413	321440																									

**ISABELLA DAM & LAKE**  
**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	81960	82952	83784	84624	85000	85160	85304	85380	85436	85474	85504	85524	85536	85544	85548	85552	85556	85558	85560	85562	85564	85566	85568	85570	85572	85574	85576	85578	85580	85582			
1955	27558	28178	28656	29232	30413	32340	34708	37154	39658	40920	41975	42720	43092	43308	43464	43547	43595	43623	43643	43655	43660	43663	43665	43667	43669	43671	43673	43675	43677	43679	43681			
1956	238108	241431	244128	246920	249345	251575	253817	256207	258844	261731	264693	267820	270652	273423	275925	278129	279950	281435	282635	283500	284080	284410	284530	284570	284590	284600	284610	284620	284630	284640	284650			
1957	151805	154065	158517	162004	165893	169109	170588	173312	176103	178139	179003	179633	180093	180393	180537	180618	180638	180648	180648	180638	180618	180593	180563	180528	180488	180433	180368	180293	180208	180113	180008			
1958	141305	145663	147823	150553	153863	156853	159523	161893	163983	165813	167403	168753	169883	170713	171253	171503	171563	171533	171413	171203	170903	170523	170063	169523	168903	168203	167433	166503	165433	164233	162903	161433		
1959	207143	206480	204889	203363	201838	200392	199024	197525	195505	193059	190283	187183	183763	179933	175703	171083	167083	162813	158183	153103	147683	141933	135863	129393	122533	115283	107653	99653	91163	82303	73083	63513		
1960	118730	118625	118873	118625	118588	117924	117022	116076	115016	113863	112711	111424	109991	108469	106850	105136	103328	101526	99724	97752	95240	92188	88616	84534	79952	74870	69288	63206	56624	49542	41960	33878		
1961	47316	47567	47743	47963	48334	48831	49404	49951	50488	51019	51549	52150	52825	53506	54206	54936	55696	56486	57306	58156	59036	59946	60886	61856	62856	63886	64936	66006	67096	68206	69336	70486		
1962	133755	135528	137877	139777	140948	142187	143593	145070	146620	148243	149940	151703	153523	155403	157343	159343	161403	163523	165703	167943	170243	172603	175023	177503	180043	182643	185303	188023	190803	193643	196543	199503		
1963	294844	298760	300312	301684	314011	316714	319417	319417	319417	319417	319417	319417	319417	319417	319417	319417	319417	319417	319417	319417	319417	319417	319417	319417	319417	319417	319417	319417	319417	319417	319417	319417		
1964	201838	202104	202322	202634	203052	203582	204232	204902	205692	206602	207632	208782	210052	211442	212952	214582	216332	218202	220192	222302	224532	226882	229352	231942	234652	237482	240432	243502	246692	250002	253432	256982		
1965	227495	230066	232020	233522	234652	235412	235882	236072	236192	236242	236212	236102	235912	235632	235262	234812	234282	233672	232982	232212	231362	230432	229422	228332	227162	225912	224582	223172	221682	220112	218462	216732	214922	
1966	217576	217645	217762	217919	218252	218725	219348	220128	221068	222168	223428	224858	226458	228128	229858	231748	233798	235918	238108	240378	242728	245158	247668	250258	252928	255678	258508	261418	264408	267478	270628	273868	277198	
1967	374280	376759	378978	380818	382577	384433	386387	388433	390579	392925	395471	398217	401163	404309	407655	411201	414947	418893	423039	427385	431931	436677	441623	446769	452115	457761	463607	469653	475900	482348	488996	495844	502892	
1968	256433	257713	258996	260131	260965	261183	260738	260207	259677	259147	258617	258087	257557	257027	256497	255967	255437	254907	254377	253847	253317	252787	252257	251727	251197	250667	250137	249607	249077	248547	248017	247487	246957	
1969	467616	480772	492872	503796	512933	520065	526113	530147	533163	535163	537147	539113	541063	542997	544917	546823	548717	550600	552473	554337	556193	558043	560000	562063	564233	566507	568887	571373	573967	576667	579473	582387	585411	
1970	317214	320176	323200	326384	329728	333232	336806	340450	344174	347978	351862	355826	359850	363934	368078	372282	376546	380870	385254	389698	394202	398766	403390	408074	412818	417522	422286	427110	431994	436938	441942	446996	452000	
1971	216954	21776	21947	221801	224791	227911	231161	234531	238021	241631	245361	249211	253181	257281	261511	265851	270301	274861	279531	284311	289201	294201	299311	304531	309861	315301	320841	326491	332251	338121	344101	350191	356391	
1972	122793	124138	124332	124431	124480	124338	124038	123488	122688	121638	120338	118788	116988	114938	112638	110088	107288	104238	100938	97388	93438	89148	85418	82248	79548	77368	75188	72948	70648	68288	65868	63388	60848	
1973	328716	333635	338552	343461	348361	353251	358121	362971	367801	372611	377401	382171	386921	391651	396361	401051	405721	410371	414991	419581	424141	428671	433171	437641	442081	446491	450871	455221	459541	463831	468091	472321	476431	
1974	414555	418827	422819	426532	430065	433429	436623	439647	442501	445185	447700	449955	451951	453685	455151	456355	457289	457943	458307	458381	458065	457459	456563	455387	453931	452205	450229	447913	445257	442271	438965	435339	431403	
1975	306170	310747	315275	319823	324391	328979	333587	338215	342863	347531	352219	356927	361655	366393	371141	375909	380687	385475	390273	395081	399899	404727	409565	414413	419271	424149	429047	433965	438893	443831	448779	453735	458691	
1976	163631	168965	173865	178366	182466	186110	189354	192246	194726	196846	198546	199866	200846	201526	201946	202146	202246	202246	202146	201946	201526	200846	199846	198546	196846	194726	192246	189354	186110	182466	178366	173865	168965	
1977	72994	73926	74666	75179	75500	75700	75784	75754	75614	75354	74984	74514	73944	73184	72254	71104	69734	68164	66404	64454	62324	60014	57534	54884	52074	49104	46074	42984	39834	36614	33334	30004	26664	
1978	380265	383377	386149	388528	390549	392210	393540	394560	395280	395700	395920	395950	395880	395710	395440	395070	394600	394030	393360	392590	391720	390750	389680	388510	387240	385870	384400	382830	381160	379390	377520	375550	373480	
1979	429420	431627	433439	434951	436263	437383	438313	439063	439633	439933	440073	440043	439843	439493	438993	438343	437543	436593	435493	434243	432843	431293	429593	427743	425693	423443	420993	418343	415493	412343	408893	405243	401393	
1980	504240	503827	503666	503626	503606	503606	503606	503606	503606	503606	503606	503606	503606	503606	503606	503606	503606	503606	503606	503606	503606	503606	503606	503606	503606	503606	503606	503606	503606	503606	503606	503606	503606	
1981	306510	307610	308450	309030	309380	309610	309730	309760	309700	309550	309310	308980	308560	308050	307460	306790	306040	305210	304300	303310	302240	301090	299860	298550	297160	295690	294140	292510	290800	288920	286870	284640	282230	
1982	528333	530103	531234	531763	531624	531334	530904	530334	529624	528774	527704	526424	524944	523264	521394	519334	517084	514644	512014	509194	506184	502994	499624	496074	492344	488434	484364	479934	475144	470004	464514	458674	453484	447944
1983	473033	505666	512294	517623	522594	527004	530854	534144	536874	539044	540654	541714	542224	542284	541804	540884	539534	537764	535584	532994	529984	526554	522704	518434	513744	508634	503104	497154	490784	484004	476814	469214	461204	452784
1984	402776	404428	405598	406286	406598	406636	406498	406186	405716	405096	404246	403176	401906	400436	398766	396896	394726	392256	389486	386416	383046	379376	375506	371436	367166	362696	358026	353156	347986	342516	336746	330576	323806	316536
1985	379405	377346	376963	377011	378045	379045	379673	380119	380459	380693	380833	380879	380931	380989	381051	381117	381187	381261	381339	381421	381507	381597	381691	381789	381891	381997	382107	382221	382339	382461	382587	382717	382851	382989
1986	538781	543817	547750	551356	554666	557690	560440	562826	564846	5																								

**ISABELLA DAM & LAKE  
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**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	66240	67019	66524	66582	66529	64329	63647	63089	62896	62110	61270	60280	59500	58833	58137	57470	56887	55816	54920	54052	53182	52342	51478	50658	49878	49280	48720	48178	47874	47804	46398	45456	
1955	39372	38886	38473	37955	37283	36519	35830	35204	34688	34147	33565	32963	32362	31763	31166	30572	30002	29447	28907	28384	27876	27383	26904	26439	25988	25550	25124	24711	24310	23920	23541	23174	
1956	282874	282714	282071	279824	277582	274832	271684	268140	264208	260000	255624	251088	246400	241568	236592	231472	226208	220800	215248	209552	203712	197728	191600	185328	178912	172352	165648	158800	151808	144672	137400	129984	
1957	106070	105930	105790	105650	105510	105370	105230	105090	104950	104810	104670	104530	104390	104250	104110	103970	103830	103690	103550	103410	103270	103130	102990	102850	102710	102570	102430	102290	102150	102010	101870	101730	101590
1958	448700	447892	446386	445184	444294	443725	443469	443432	443634	444091	444804	445878	447312	449116	451290	453834	456748	460032	463696	467740	472160	476960	482144	487712	493664	499904	506432	513256	520384	527816	535560	543616	551984
1959	137507	134631	131795	129209	126906	123940	120218	115774	111624	107860	104482	101490	98882	97058	95500	94102	92874	91816	90930	90216	89674	89306	89014	88798	88654	88582	88570	88616	88720	88882	89100	89372	89698
1960	80114	79459	78813	78179	77550	76938	76347	75776	75226	74696	74186	73696	73226	72776	72346	71936	71546	71176	70826	70496	70196	69926	69676	69446	69236	69046	68876	68726	68596	68486	68396	68326	68276
1961	49169	48848	48533	48224	47920	47622	47330	47044	46764	46490	46222	45960	45704	45454	45210	44972	44740	44514	44294	44080	43872	43670	43474	43284	43100	42922	42750	42584	42424	42270	42122	41980	41844
1962	173070	172404	171617	170702	169668	168512	167236	165840	164324	162688	161032	159356	157660	155944	154208	152452	150676	148880	147064	145228	143372	141496	139590	137654	135688	133692	131666	129610	127524	125408	123262	121086	118980
1963	369170	369170	368887	368305	367440	366204	364596	362624	360296	357644	354676	351404	347828	343952	339776	335300	330624	325756	320696	315444	310000	304364	298536	292516	286304	279900	273312	266544	259608	252504	245232	237796	230196
1964	173494	171859	170225	168493	166683	164812	162892	160924	158908	156844	154732	152572	150364	148108	145804	143452	141056	138616	136132	133604	131032	128416	125756	123052	120304	117512	114676	111800	108884	105928	102944	99924	96788
1965	263192	263900	265027	266503	268300	270467	273036	276040	279512	283480	287976	292932	298384	304360	310896	318032	325800	334240	343296	352904	363104	373936	385432	397624	410544	424224	438696	453984	469920	486544	503880	521960	540800
1966	461816	468526	476435	485561	495924	507564	520512	534800	549464	565536	582960	601776	622016	644720	669936	697656	727920	760784	796296	834512	875584	919560	966496	1016440	1069440	1125600	1184960	1247600	1313600	1382960	1455760	1532240	1612560
1967	23271	221845	218978	216257	214643	214189	214969	217004	219304	221872	224640	227608	230784	234168	237760	241568	245592	249832	254288	258960	263848	268952	274272	279804	285544	291496	297660	303936	310328	316836	323456	330184	337024
1968	570688	573842	575233	576168	576628	577084	577428	577656	577764	577752	577624	577372	577008	576544	575984	575328	574576	573728	572784	571744	570608	569384	568072	566680	565208	563656	562024	560312	558528	556664	554720	552696	550592
1969	315949	315022	314068	313080	312056	310996	309900	308768	307600	306408	305192	303952	302688	301400	300088	298752	297392	295996	294564	293096	291592	290056	288488	286888	285256	283592	281896	280168	278408	276616	274792	272936	271048
1970	234944	234015	233078	232134	231184	230228	229268	228304	227336	226364	225388	224408	223424	222436	221444	220448	219448	218444	217428	216408	215384	214356	213324	212288	211248	210196	209144	208088	207028	205964	204896	203824	202748
1971	112528	111665	110833	109992	109144	108290	107432	106570	105704	104834	103960	103084	102204	101320	100432	99540	98644	97744	96840	95932	95020	94104	93184	92260	91336	90408	89476	88540	87596	86648	85696	84740	83776
1972	398974	397933	396816	395616	394336	392972	391524	390092	388576	387076	385492	383924	382272	380636	378916	377112	375224	373252	371196	369056	366832	364524	362132	359656	357096	354456	351736	348936	346056	343096	340056	336936	333736
1973	470913	470191	469160	468028	466800	465484	464080	462596	461032	459388	457664	455864	453988	452036	450008	447904	445724	443468	441136	438728	436244	433684	431048	428328	425524	422636	419664	416616	413496	410304	407036	403696	400276
1974	121644	120872	120106	119346	118592	117844	117100	116360	115624	114892	114164	113440	112720	111996	111276	110560	109848	109140	108436	107736	107040	106348	105660	104976	104296	103620	102948	102280	101616	100956	100300	99648	99000
1975	337262	336064	335022	334046	333134	332286	331400	330476	329512	328508	327512	326524	325544	324572	323616	322672	321740	320816	319904	319000	318104	317216	316336	315464	314600	313744	312896	312056	311224	310400	309584	308776	307976
1976	130995	129436	128037	126790	125694	124648	123652	122706	121810	120964	120168	119420	118720	118068	117464	116908	116392	115916	115480	115084	114728	114404	114112	113852	113624	113424	113252	113100	112968	112856	112764	112692	112640
1977	78023	77521	76978	76383	75736	75038	74289	73490	72641	71742	70793	70000	69262	68578	67948	67372	66850	66382	65968	65600	65278	64992	64744	64532	64356	64216	64112	64036	64000	64000	64000	64000	64000
1978	465035	463574	462264	461000	459884	458916	458096	457424	456896	456504	456240	456004	455888	455888	455992	456112	456248	456392	456544	456704	456872	457048	457232	457416	457608	457808	458016	458232	458456	458688	458928	459176	459432
1979	93870	936284	934531	933455	932952	932116	930952	929464	927648	925504	923032	920240	917120	913680	909920	905840	901440	896720	891680	886320	880640	874640	868320	861680	854720	847440	839840	831960	823792	815328	806672	797824	788784
1980	281644	278972	276106	274052	272800	271352	270000	268744	267584	266520	265552	264680	263904	263224	262640	262152	261760	261364	260964	260560	260152	259740	259324	258904	258480	258052	257624	257192	256756	256316	255872	255424	254972
1981	59516	59091	58642	58168	57670	57148	56602	56032	55438	54820	54188	53532	52852	52148	51420	50668	49892	49092	48268	47420	46548	45652	44732	43788	42820	41828	40804	39748	38668	37564	36436	35284	34108
1982	62764	62766	62696	62659	62632	62616	62608	62608	62608	62608	62608	62608	62608	62608	62608	62608	62608	62608	62608	62608	62608	62608	62608	62608	62608	62608	62608	62608	62608	62608	62608	62608	62608
1983	365461	364367	363392	362436	361500	360584	359688	358812	357956	357120	356304	355508	354732	353976	353240	352524	351828	351152	350496	349860	349244	348648											

**ISABELLA DAM & LAKE**  
**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	37320	35729	35418	35336	34740	33860	33010	32269	31566	30882	30160	29495	28876	28338	27852	27438	27114	26753	26286	25783	25290	24859	24483	24083	23673			
1955	25439	25100	24648	24212	23847	23487	23145	22815	22491	22174	21864	21561	21264	20972	20684	20399	20117	19838	19562	19289	19019	18752	18488	18227	17968	17711	17456	17204	16954	16706	16460			
1956	25028	24831	24620	24483	24359	24242	24131	24024	23920	23819	23720	23622	23525	23429	23334	23239	23144	23049	22954	22859	22764	22669	22574	22479	22384	22289	22194	22099	21999	21904	21804			
1957	146803	145715	144684	143690	142742	141822	140940	140095	139247	138444	137684	136966	136289	135653	135057	134500	133982	133503	133062	132659	132293	131963	131668	131407	131179	130982	130816	130679	130569	130483	130420			
1958	347437	343363	339220	335275	331362	327471	323604	319771	315971	312204	308471	304771	301104	297471	293871	290304	286771	283271	279804	276371	272971	269604	266271	262971	259704	256471	253271	250104	246971	243871	240804	237771		
1959	53334	52814	52294	51774	51254	50734	50214	49694	49174	48654	48134	47614	47094	46574	46054	45534	45014	44494	43974	43454	42934	42414	41894	41374	40854	40334	39814	39294	38774	38254	37734	37214		
1960	55001	54424	53847	53271	52694	52117	51540	50963	50386	49809	49232	48655	48078	47501	46924	46347	45770	45193	44616	44039	43462	42885	42308	41731	41154	40577	39999	39422	38845	38268	37691	37114		
1961	35056	34524	33991	33458	32925	32392	31859	31326	30793	30260	29727	29194	28661	28128	27595	27062	26529	25996	25463	24930	24397	23864	23331	22798	22265	21732	21199	20666	20133	19600	19067	18534		
1962	129158	128707	128256	127805	127354	126903	126452	126001	125550	125100	124649	124198	123747	123296	122845	122394	121943	121492	121041	120590	120139	119688	119237	118786	118335	117884	117433	116982	116531	116080	115629	115178		
1963	336156	333490	330824	328158	325492	322826	320160	317494	314828	312162	309496	306830	304164	301498	298832	296166	293500	290834	288168	285502	282836	280170	277504	274838	272172	269506	266840	264174	261508	258842	256176	253510		
1964	122182	121206	120246	119294	118342	117390	116438	115486	114534	113582	112630	111678	110726	109774	108822	107870	106918	105966	105014	104062	103110	102158	101206	100254	99302	98350	97398	96446	95494	94542	93590	92638		
1965	274563	274835	273737	272466	271251	270189	269284	268430	267623	266861	266151	265492	264883	264324	263814	263354	262944	262584	262274	261964	261704	261494	261334	261224	261164	261154	261194	261284	261424	261614	261854	262144		
1966	136353	137508	138302	139049	139806	140599	141438	142322	143251	144224	145241	146302	147407	148556	149749	150986	152267	153592	154961	156374	157831	159332	160877	162466	164099	165776	167497	169212	170921	172624	174321	176012		
1967	524419	522490	519848	517437	515193	513093	511036	509022	507051	505124	503241	501402	499607	497856	496149	494486	492867	491292	489761	488274	486831	485432	484077	482766	481499	480226	478987	477782	476611	475474	474371	473302		
1968	166474	164937	163408	161871	160334	158797	157260	155723	154186	152649	151112	149575	148038	146501	144964	143427	141890	140353	138816	137279	135742	134205	132668	131131	129594	128057	126520	124983	123446	121909	120372	118835	117298	
1969	511157	508110	505063	502016	498969	495922	492875	489828	486781	483734	480687	477640	474593	471546	468499	465452	462405	459358	456311	453264	450217	447170	444123	441076	438029	434982	431935	428888	425841	422794	419747	416700	413653	
1970	263477	261941	260405	258869	257333	255797	254261	252725	251189	249653	248117	246581	245045	243509	241973	240437	238901	237365	235829	234293	232757	231221	229685	228149	226613	225077	223541	222005	220469	218933	217397	215861	214325	
1971	187621	185822	184023	182224	180425	178626	176827	175028	173229	171430	169631	167832	166033	164234	162435	160636	158837	157038	155239	153440	151641	149842	148043	146244	144445	142646	140847	139048	137249	135450	133651	131852	130053	
1972	74967	74041	73115	72189	71263	70337	69411	68485	67559	66633	65707	64781	63855	62929	62003	61077	60151	59225	58299	57373	56447	55521	54595	53669	52743	51817	50891	49965	49039	48113	47187	46261	45335	
1973	318337	317214	316091	314968	313845	312722	311599	310476	309353	308230	307107	305984	304861	303738	302615	301492	300369	299246	298123	297000	295877	294754	293631	292508	291385	290262	289139	288016	286893	285770	284647	283524	282401	
1974	409174	407544	405914	404284	402654	401024	399394	397764	396134	394504	392874	391244	389614	387984	386354	384724	383094	381464	379834	378204	376574	374944	373314	371684	370054	368424	366794	365164	363534	361904	360274	358644	357014	
1975	270088	267386	264684	261982	259280	256578	253876	251174	248472	245770	243068	240366	237664	234962	232260	229558	226856	224154	221452	218750	216048	213346	210644	207942	205240	202538	199836	197134	194432	191730	189028	186326	183624	
1976	88346	87760	87174	86588	86002	85416	84830	84244	83658	83072	82486	81900	81314	80728	80142	79556	78970	78384	77798	77212	76626	76040	75454	74868	74282	73696	73110	72524	71938	71352	70766	70180	69594	
1977	5181	51227	50427	49628	48829	48030	47231	46432	45633	44834	44035	43236	42437	41638	40839	40040	39241	38442	37643	36844	36045	35246	34447	33648	32849	32050	31251	30452	29653	28854	28055	27256	26457	
1978	465556	464400	463244	462088	460932	459776	458620	457464	456308	455152	453996	452840	451684	450528	449372	448216	447060	445904	444748	443592	442436	441280	440124	438968	437812	436656	435500	434344	433188	432032	430876	429720	428564	
1979	320707	317168	313629	310090	306551	303012	299473	295934	292395	288856	285317	281778	278239	274700	271161	267622	264083	260544	257005	253466	249927	246388	242849	239310	235771	232232	228693	225154	221615	218076	214537	210998	207459	203920
1980	530249	528658	527067	525476	523885	522294	520703	519112	517521	515930	514339	512748	511157	509566	507975	506384	504793	503202	501611	500020	498429	496838	495247	493656	492065	490474	488883	487292	485701	484110	482519	480928	479337	477746
1981	537775	534786	531797	528808	525819	522830	519841	516852	513863	510874	507885	504896	501907	498918	495929	492940	489951	486962	483973	480984	477995	475006	472017	469028	466039	463050	460061	457072	454083	451094	448105	445116	442127	439138
1982	262521	262858	262858	262858	262858	262858	262858	262858	262858	262858	262858	262858	262858	262858	262858	262858	262858	262858	262858	262858	262858	262858	262858	262858	262858	262858	262858	262858	262858	262858	262858	262858	262858	
1983	51815	51815	51815	51815	51815	51815	51815	51815	51815	51815	51815	51815	51815	51815	51815	51815	51815	51815	51815	51815	51815	51815	51815	51815	51815	51815	51815	51815	51815	51815	51815	51815	51815	
1984	351834	349228	347329	345430	343531	341632	339733	337834	335935	334036	332137	330238	328339	326440	324541	322642	320743	318844	316945	315046	313147	311248	309349	307450	305551	303652	301753	299854	297955	296056	294157	292258	290359	288460
1985	262521	262858	262858	262858	262858	262858	262858	262858	262858	262858	262858	262858	262858	262858	262858	262858	262858	262858	262858	262858	262858	262858	262858	262858	262858	262858	262858	262858	262858	262858	262858	262858	262858	262858
1986	46501	462005	458336	454723	451109	447496	443883	440270	436657	433044	429431	425818	422205	418592	414979	411366	407753	404140	400527	396914	393301	389688	386075	382462	378849	375236	3716							

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

**Units in acre-feet**

**SEPTEMBER**

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	2182	2274	2235	2190	2120	2078	2040	1992	1950	1902	1864	1834	1800	1772	1734	1702	1674	1648	1618	1584	1554	1534	1504	1474	1448	1418	1387	1351	1349		
1955	1843	1861	1850	1834	1800	1787	1765	1747	1704	1646	1607	1612	1573	1526	1489	1453	1422	1392	1358	1320	1286	1256	1226	1196	1166	1136	1106	1076	1046	1016	
1956	18762	18644	18550	18413	18219	18085	17921	17844	17737	17556	17407	17244	17081	16906	16812	16630	16460	16300	16146	16000	15862	15732	15606	15486	15372	15264	15162	15066	14976	14892	
1957	120343	119869	119300	118663	118066	117402	116688	115923	115118	114223	113248	112193	111058	109843	108548	107173	105718	104183	102568	100883	99138	97218	95133	92883	90478	87848	85003	82053	78908	75573	
1958	27443	27350	27167	26937	26644	26294	25878	25406	24879	24256	23537	22722	21822	20846	19794	18666	17464	16198	14868	13484	12056	10584	9068	7548	6004	4436	2846	1216	104	104	
1959	7716	7824	7891	7859	7749	7589	7403	7232	7036	6814	6566	6292	6004	5704	5394	5074	4744	4404	4054	3704	3354	3004	2654	2304	1954	1604	1254	904	554	204	
1960	36331	35987	35768	35539	34966	34488	34027	33584	33159	32752	32363	31992	31639	31304	30987	30688	30406	30142	29896	29668	29458	29266	29092	28936	28798	28678	28566	28462	28366	28278	
1961	24089	23880	23677	23476	23282	23094	22912	22736	22566	22402	22244	22092	21946	21806	21672	21544	21422	21306	21196	21092	21004	20932	20876	20836	20802	20774	20752	20736	20724	20716	
1962	10946	10949	10972	10981	10976	10963	10946	10924	10896	10866	10832	10794	10752	10706	10656	10602	10544	10482	10416	10346	10272	10194	10112	10026	9936	9842	9744	9642	9536	9426	
1963	25820	25723	25535	25381	25236	25101	24984	24886	24806	24734	24670	24614	24566	24526	24494	24468	24448	24434	24426	24424	24428	24436	24448	24464	24484	24508	24536	24568	24604	24642	
1964	10145	10126	10124	10119	10104	10084	10056	10026	9992	9954	9912	9866	9816	9762	9704	9642	9576	9506	9432	9354	9272	9186	9096	9002	8904	8802	8696	8586	8472	8354	
1965	242154	240653	239552	238325	237097	235724	234411	233304	232329	231474	230749	230154	229689	229344	229109	228984	228969	229064	229269	229584	229999	230524	231159	231904	232759	233724	234799	235984	237279	238684	
1966	36436	36497	36126	35761	35472	35100	34726	34356	33982	33606	33228	32848	32466	32082	31696	31308	30918	30526	30132	29736	29338	28938	28536	28132	27726	27318	26908	26496	26082	25666	
1967	127502	127203	126904	126555	126208	125863	125519	125176	124834	124493	124153	123814	123476	123139	122803	122468	122134	121801	121469	121138	120808	120479	120151	119824	119498	119173	118848	118524	118201	117878	
1968	427910	424382	420772	417178	413793	410518	407449	404677	402204	400030	398156	396582	395308	394334	393660	393286	393112	393138	393364	393790	394416	395242	396268	397494	398920	400546	402372	404398	406624	409050	
1969	193288	192477	191796	191235	190794	190473	190272	190190	190226	190372	190628	190994	191470	192056	192752	193558	194474	195490	196606	197832	199168	200614	202170	203836	205612	207508	209524	211660	213926	216322	
1970	52915	52170	51129	50164	49280	48464	47704	47004	46364	45784	45264	44804	44404	44064	43784	43564	43404	43304	43264	43284	43364	43504	43704	43964	44284	44664	45104	45604	46164	46784	
1971	138882	138088	137561	137035	136511	135988	135466	134944	134422	133900	133378	132856	132334	131812	131290	130768	130246	129724	129202	128680	128158	127636	127114	126592	126070	125548	125026	124504	123982	123460	
1972	52528	52528	52501	52420	52280	52080	51820	51500	51120	50680	50180	49620	49000	48320	47580	46780	45920	44900	43740	42460	41080	39600	38020	36340	34560	32680	30700	28620	26340	23860	
1973	25215	25210	25112	250164	24920	24779	246474	245373	244428	243814	243529	243464	243509	243664	243930	244306	244792	245388	246094	246910	247836	248872	249918	251074	252340	253716	255202	256798	258504	260320	
1974	330669	329802	328339	326334	323834	321280	318605	314834	312169	309912	307147	303890	300134	295878	291122	285866	280110	273854	267100	259846	251092	240838	229084	214830	198076	178822	156068	130714	102860	71306	
1975	19675	195443	194260	193184	192285	191324	190482	189727	189154	188769	188484	188300	188226	188262	188408	188664	189030	189506	190092	190788	191594	192510	193536	194672	195918	197274	198740	199316	199902	200498	
1976	66487	67799	67148	66585	66083	65507	65001	64481	64023	63613	63256	62952	62698	62494	62340	62236	62182	62178	62194	62230	62286	62362	62468	62604	62770	62966	63192	63448	63734	64040	
1977	39388	38934	38760	38649	38540	38453	38383	38333	38300	38283	38276	38276	38282	38294	38312	38336	38366	38402	38444	38492	38546	38606	38672	38744	38822	38910	39008	39116	39234	39362	
1978	38379	38213	38054	37901	37751	37604	37460	37319	37182	37049	36920	36794	36672	36554	36440	36330	36224	36122	36024	35930	35840	35754	35672	35594	35520	35450	35384	35322	35264	35210	
1979	23507	23402	23302	23206	23115	23028	22942	22856	22770	22684	22600	22526	22462	22408	22364	22330	22306	22292	22288	22294	22310	22336	22372	22418	22474	22540	22616	22702	22798	22904	
1980	40306	40191	39941	39645	39178	38508	37628	36488	35098	33488	31688	29708	27548	25208	22688	19988	17128	14148	11048	7848	4548	1208	1008	1008	1008	1008	1008	1008	1008	1008	1008
1981	17734	17620	17525	17451	17388	17346	17314	17292	17280	17278	17286	17294	17302	17310	17318	17326	17334	17342	17350	17358	17366	17374	17382	17390	17398	17406	17414	17422	17430	17438	
1982	40566	40380	40124	39809	39381	38802	38082	37142	35002	32682	29202	24582	18922	13262	7602	1942	1002	1002	1002	1002	1002	1002	1002	1002	1002	1002	1002	1002	1002	1002	1002
1983	48660	48432	48178	47881	47564	47218	46837	46420	45968	45492	44992	44468	43920	43358	42782	42192	41588	40972	40342	39698	39042	38374	37694	37002	36300	35588	34866	34134	33392	32640	
1984	29725	29627	29550	29430	29264	29052	28796	28494	28146	27752	27314	26832	26306	25736	25122	24464	23762	23016	22226	21392	20514	19592	18636	17646	16614	15542	14430	13278	12086	10854	
1985	22740	22394	22182	22028	21916	21834	21778	21740	21718	21712	21712	21718	21730	21748	21772	21806	21850	21904	21968	22042	22136	22250	22384	22538	22712	22906	23120	23354	23608	23882	
1986	37277	37021	36706	36373	36014	35646	35278	34810	34254	33610	32886	32082	31198	30234	29190	28066	26872	25618	24304	22930	21506	20032	18508	17034	15610	14236	12912	11638	10414	9240	
1987	163383	162743	162045	161400	160714	160084	159509	158983	158507	158081	157706	157382	157108	156884	156710	156636	156662	156788	156924	157060	157206	157362	157528	157704	157890	158086	158292	158508	158734	158970	
1988	80268	80069	79982	79903	79831	79768	79714	79669	79634	79608	79592	79586	79590	79594	79598	79602	79606	79610	79614	79618	79622	79626	79630	79634	79638	79642	79646	79650	79654	79658	
1989	102682	102368	102069	101771	101475	101184	100890	100600	100314	100032	99754	99580	99410	99244	99082	98924	98770	98620	98474	98332	98194	98060	97930	97804	97682	97564	97450	97340	97234	97132	
1990	51437	51359	51255	50996	50667	50172	49558	48826	47982	47036	46000	44874	43668	42402	41086	40720	40414	40168	39982	39856	39790	39784	39788	39792	39796	39800	39804	39808	39812	39816	
1991	102794	102794	102453	102155	101842	101518	101184	100740	100196	99552	98898	98244	97590	96																	

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

**Units in acre-feet**

**OCTOBER**

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	12800	12674	12465	12243	12000	11777	11512	11317	11122	10943	10790	10654	10536	10428	10330	10242	10164	10095	10034	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	
1955	14614	14529	14434	14360	14284	14284	14284	14284	14284	14284	14284	14284	14284	14284	14284	14284	14284	14284	14284	14284	14284	14284	14284	14284	14284	14284	14284	14284	14284	14284	14284	
1956	152991	151933	150750	14916	14819	14733	14659	14595	14539	14481	14430	14388	14356	14332	14316	14306	14300	14298	14298	14298	14298	14298	14298	14298	14298	14298	14298	14298	14298	14298	14298	
1957	106994	106556	106079	105644	105260	104773	104381	104076	103868	103694	103530	103386	103253	103130	103016	102912	102818	102734	102650	102576	102512	102458	102414	102380	102356	102342	102338	102334	102330	102326	102322	
1958	27313	26502	25579	24796	23973	23207	22507	21873	21308	20803	20358	19973	19648	19374	19150	18976	18852	18778	18754	18730	18706	18682	18658	18634	18610	18586	18562	18538	18514	18490	18466	
1959	74245	74177	74109	74075	74006	73938	73894	73836	73768	73696	73616	73528	73432	73328	73216	73096	72972	72844	72712	72576	72436	72292	72144	71992	71836	71676	71512	71344	71172	70996	70816	
1960	35443	34834	34032	33073	32062	29970	29933	29915	29868	29878	29859	29829	29786	29728	29654	29566	29466	29354	29230	29094	28946	28786	28614	28430	28244	28056	27866	27674	27480	27284	27086	
1961	18364	18364	18364	18364	18364	18364	18364	18364	18364	18364	18364	18364	18364	18364	18364	18364	18364	18364	18364	18364	18364	18364	18364	18364	18364	18364	18364	18364	18364	18364	18364	
1962	94626	94703	95373	95373	95373	95373	95373	95373	95373	95373	95373	95373	95373	95373	95373	95373	95373	95373	95373	95373	95373	95373	95373	95373	95373	95373	95373	95373	95373	95373	95373	
1963	214556	212126	209899	207409	204622	200362	195731	190736	185388	179684	173636	167254	160538	153496	146138	138474	130514	122260	113722	104908	95828	86212	76150	65792	55148	44228	33042	21690	10174	10000	10000	10000
1964	96884	96843	96802	96720	96538	96256	95791	95144	94326	93356	92234	90960	89542	87980	86284	84354	82180	79762	77100	74204	71084	67750	64202	60440	56474	52214	47760	43118	38294	33288	28102	22746
1965	20870	20710	20603	20452	20262	20032	19762	19452	19102	18712	18282	17812	17302	16752	16172	15562	14922	14252	13552	12822	12062	11272	10452	9602	8722	7802	6812	5762	4662	3512	2312	1062
1966	8746	8858	8797	8762	8734	8706	8686	8673	8659	8649	8643	8640	8638	8636	8634	8632	8630	8628	8626	8624	8622	8620	8618	8616	8614	8612	8610	8608	8606	8604	8602	8600
1967	27362	27075	26755	26376	25939	25419	24816	24130	23360	22516	21596	20600	19528	18382	17162	15876	14524	13106	11632	10102	8518	6880	5198	3472	1712	1000	1000	1000	1000	1000	1000	1000
1968	12192	12192	12192	12192	12192	12192	12192	12192	12192	12192	12192	12192	12192	12192	12192	12192	12192	12192	12192	12192	12192	12192	12192	12192	12192	12192	12192	12192	12192	12192	12192	12192
1969	168734	168527	167889	167483	167007	166562	166147	165762	165407	165082	164787	164522	164287	164072	163877	163702	163547	163412	163287	163172	163067	162972	162887	162812	162747	162692	162647	162612	162587	162572	162567	162572
1970	123598	123451	123304	123207	123122	123047	122982	122927	122882	122847	122822	122807	122802	122807	122822	122847	122882	122927	122982	123047	123122	123207	123304	123451	123608	123775	123952	124139	124336	124543	124760	124987
1971	50265	50239	50213	50187	50161	50135	50109	50083	50057	50031	50005	49979	49953	49927	49901	49875	49849	49823	49797	49771	49745	49719	49693	49667	49641	49615	49589	49563	49537	49511	49485	49459
1972	22261	220876	218663	216463	214269	212075	209881	207687	205493	203299	201105	198911	196717	194523	192329	190135	187941	185747	183553	181359	179165	176971	174777	172583	170389	168195	166001	163807	161613	159419	157225	155031
1973	2749	27537	27966	27966	27966	27966	27966	27966	27966	27966	27966	27966	27966	27966	27966	27966	27966	27966	27966	27966	27966	27966	27966	27966	27966	27966	27966	27966	27966	27966	27966	27966
1974	171800	171468	171136	170804	170472	170140	169808	169476	169144	168812	168480	168148	167816	167484	167152	166820	166488	166156	165824	165492	165160	164828	164496	164164	163832	163500	163168	162836	162504	162172	161840	161508
1975	179300	179200	179100	179000	178900	178800	178700	178600	178500	178400	178300	178200	178100	178000	177900	177800	177700	177600	177500	177400	177300	177200	177100	177000	176900	176800	176700	176600	176500	176400	176300	176200
1976	70447	70447	70447	70447	70447	70447	70447	70447	70447	70447	70447	70447	70447	70447	70447	70447	70447	70447	70447	70447	70447	70447	70447	70447	70447	70447	70447	70447	70447	70447	70447	70447
1977	36407	36407	36407	36407	36407	36407	36407	36407	36407	36407	36407	36407	36407	36407	36407	36407	36407	36407	36407	36407	36407	36407	36407	36407	36407	36407	36407	36407	36407	36407	36407	36407
1978	362229	361442	361171	360908	360645	360382	360119	359856	359593	359330	359067	358804	358541	358278	358015	357752	357489	357226	356963	356700	356437	356174	355911	355648	355385	355122	354859	354596	354333	354070	353807	353544
1979	21918	217708	21569	21432	21295	21158	21021	20884	20747	20610	20473	20336	20200	20063	19926	19789	19652	19515	19378	19241	19104	18967	18830	18693	18556	18419	18282	18145	18008	17871	17734	17597
1980	327931	325844	323368	320611	317584	314327	310850	307173	303306	299259	295032	290635	286068	281331	276434	271377	266160	260783	255246	249549	243702	237705	231558	225261	218824	212247	205620	198853	191956	184929	177772	170485
1981	171800	171468	171136	170804	170472	170140	169808	169476	169144	168812	168480	168148	167816	167484	167152	166820	166488	166156	165824	165492	165160	164828	164496	164164	163832	163500	163168	162836	162504	162172	161840	161508
1982	374176	373779	373564	373467	373467	373467	373467	373467	373467	373467	373467	373467	373467	373467	373467	373467	373467	373467	373467	373467	373467	373467	373467	373467	373467	373467	373467	373467	373467	373467	373467	373467
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1986	326445	324440	322267	320011	317657	315204	312651	309997	307243	304390	301437	298284	294931	291378	287625	283672	279519	275166	270613	265860	260907	255754	250401	244848	239095	233142	226989	220636	214083	207330	200377	193224
1987	157079	152012	148715	146219	144870	144607	144407	144267	144187	144167	144187	144267	144407	144607	144870	145219	145666	146213	146860	147607	148454	149391	150418	151535	152742	154029	155396	156833	158340	159907	161534	163221
1988	75041	74972	74869	74788	74631	74463	74289	74108	73920	73726	73527	73323	73114	72900	72681	72457	72229	71997	71761	71520	71274	71023	70767	70506	70240							

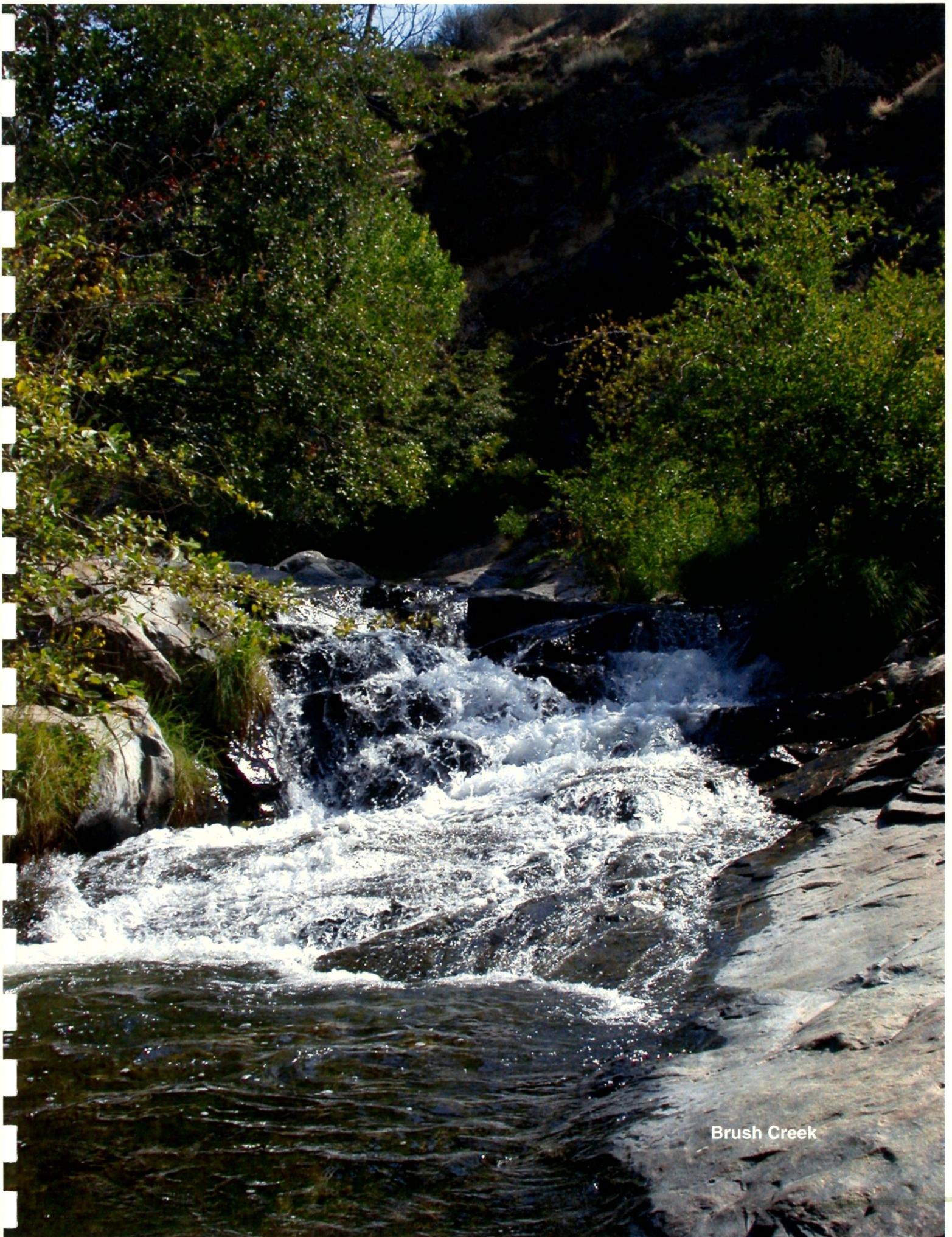


**ISABELLA DAM & LAKE**  
**KERN RIVER BASIN, CALIFORNIA**  
**MIDNIGHT STORAGE**

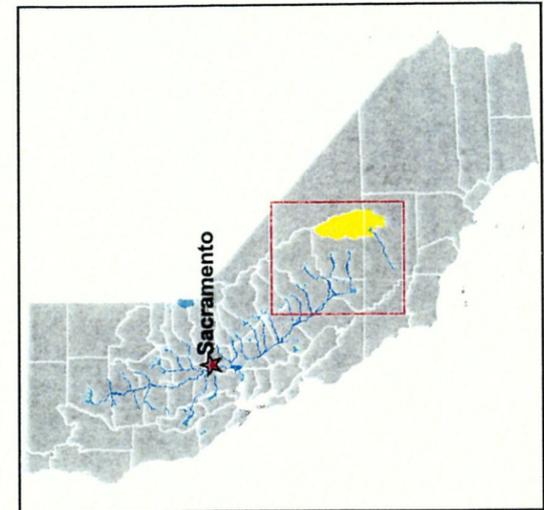
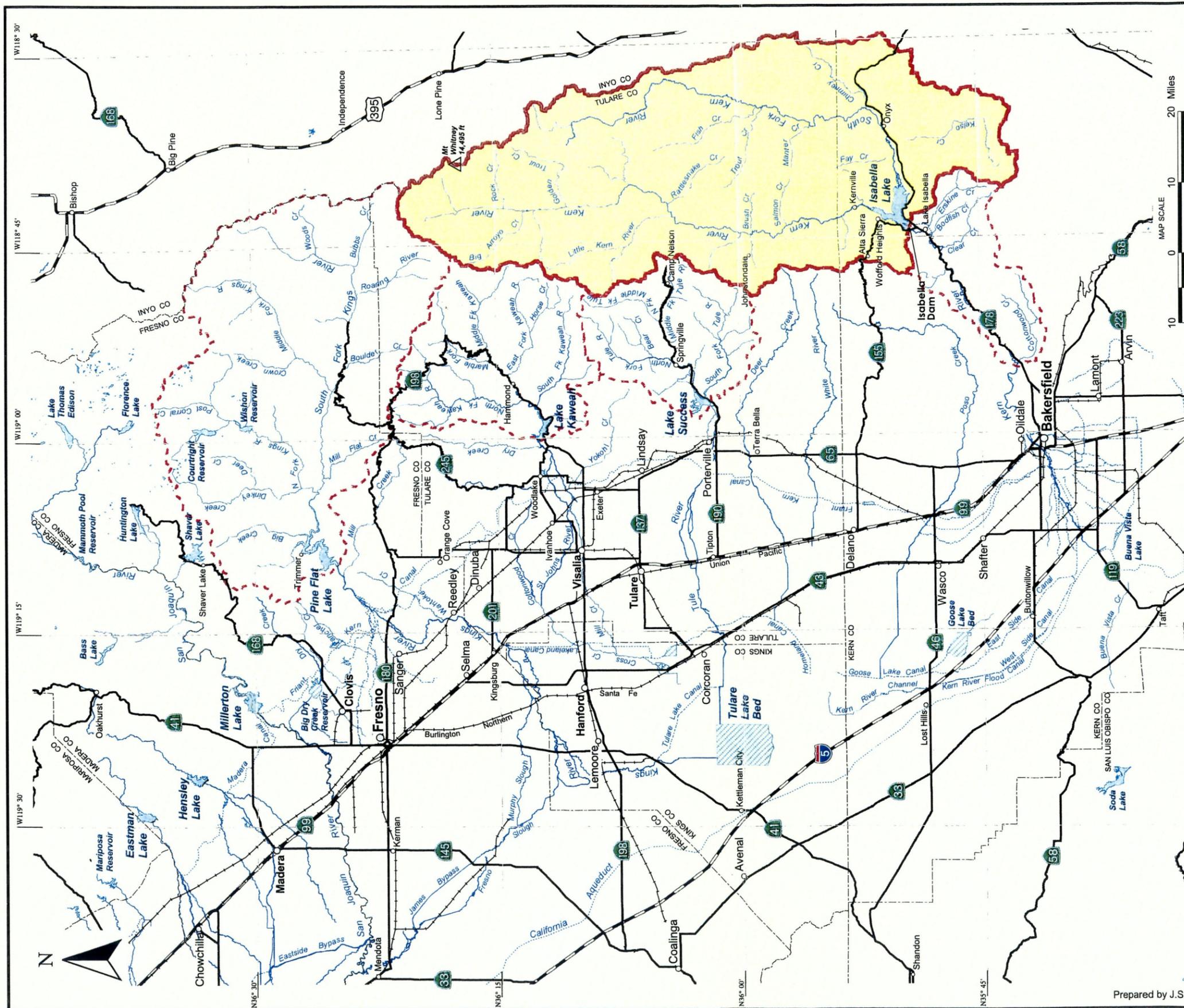
**Units in acre-feet**

**DECEMBER**

Year	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
1954	8537	8537	8537	8537	8537	8537	8537	8537	8537	8537	8537	8537	8537	8537	8537	8537	8537	8537	8537	8537	8537	8537	8537	8537	8537	8537	8537	8537	8537	8537	8537			
1955	12814	12863	12863	12863	12863	12863	12863	12863	12863	12863	12863	12863	12863	12863	12863	12863	12863	12863	12863	12863	12863	12863	12863	12863	12863	12863	12863	12863	12863	12863	12863			
1956	13125	13125	13125	13070	13070	130918	130918	13067	130765	130715	130715	130715	130765	130765	130664	130664	130664	130664	130664	130664	130664	130664	130664	130664	130664	130664	130664	130664	130664	130664	130664			
1957	10124	10124	10124	10124	10124	10124	10124	10124	10124	10124	10124	10124	10124	10124	10124	10124	10124	10124	10124	10124	10124	10124	10124	10124	10124	10124	10124	10124	10124	10124	10124			
1958	199154	199089	199024	198959	198894	198829	198764	198700	198635	198570	198505	198440	198375	198310	198245	198180	198115	198050	197985	197920	197855	197790	197725	197660	197595	197530	197465	197400	197335	197270	197205			
1959	71805	71772	71739	71706	71674	71641	71608	71575	71542	71509	71476	71443	71410	71377	71344	71311	71278	71245	71212	71179	71146	71113	71080	71047	71014	70981	70948	70915	70882	70849	70816			
1960	23778	23750	23722	23694	23666	23638	23610	23582	23554	23526	23498	23470	23442	23414	23386	23358	23330	23302	23274	23246	23218	23190	23162	23134	23106	23078	23050	23022	22994	22966	22938			
1961	17575	17563	17550	17538	17526	17514	17502	17490	17478	17466	17454	17442	17430	17418	17406	17394	17382	17370	17358	17346	17334	17322	17310	17298	17286	17274	17262	17250	17238	17226	17214			
1962	83751	81714	83676	83676	83676	83676	83676	83676	83676	83676	83676	83676	83676	83676	83676	83676	83676	83676	83676	83676	83676	83676	83676	83676	83676	83676	83676	83676	83676	83676	83676			
1963	170527	170467	170406	170346	170285	170225	170164	170104	170043	169983	169922	169862	169801	169741	169680	169620	169559	169499	169438	169378	169317	169257	169196	169136	169075	169015	168954	168894	168833	168773	168712	168652		
1964	94867	94949	94908	94867	94826	94785	94745	94704	94663	94623	94582	94541	94501	94460	94420	94379	94338	94298	94257	94216	94176	94135	94094	94054	94013	93972	93932	93891	93850	93810	93769	93728		
1965	170104	169883	169663	169443	169222	169002	168782	168562	168342	168122	167902	167682	167462	167242	167022	166802	166582	166362	166142	165922	165702	165482	165262	165042	164822	164602	164382	164162	163942	163722	163502	163282		
1966	82714	83011	84616	85295	85935	86535	87095	87615	88095	88535	88935	89295	89615	89895	90135	90335	90495	90615	90695	90735	90745	90725	90685	90625	90545	90445	90325	90185	90025	89845	89645	89425		
1967	200593	200330	200068	199806	199544	199282	199020	198758	198496	198234	197972	197710	197448	197186	196924	196662	196400	196138	195876	195614	195352	195090	194828	194566	194304	194042	193780	193518	193256	192994	192732	192470		
1968	119444	119397	119350	119303	119256	119209	119162	119115	119068	119021	118974	118927	118880	118833	118786	118739	118692	118645	118598	118551	118504	118457	118410	118363	118316	118269	118222	118175	118128	118081	118034	117987	117940	
1969	225186	224976	224766	224556	224346	224136	223926	223716	223506	223296	223086	222876	222666	222456	222246	222036	221826	221616	221406	221196	220986	220776	220566	220356	220146	219936	219726	219516	219306	219096	218886	218676	218466	
1970	16027	160491	160707	160923	161139	161354	161569	161784	161999	162214	162429	162644	162859	163074	163289	163504	163719	163934	164149	164364	164579	164794	165009	165224	165439	165654	165869	166084	166299	166514	166729	166944	167159	
1971	120689	120641	120593	120545	120497	120449	120401	120353	120305	120257	120209	120161	120113	120065	120017	119969	119921	119873	119825	119777	119729	119681	119633	119585	119537	119489	119441	119393	119345	119297	119249	119201	119153	
1972	50770	51889	51989	52089	52189	52289	52389	52489	52589	52689	52789	52889	52989	53089	53189	53289	53389	53489	53589	53689	53789	53889	53989	54089	54189	54289	54389	54489	54589	54689	54789	54889	54989	
1973	204884	204817	204751	204685	204619	204553	204487	204421	204355	204289	204223	204157	204091	204025	203959	203893	203827	203761	203695	203629	203563	203497	203431	203365	203300	203234	203168	203102	203036	202970	202904	202838	202772	
1974	224697	224637	224577	224517	224457	224397	224337	224277	224217	224157	224097	224037	223977	223917	223857	223797	223737	223677	223617	223557	223497	223437	223377	223317	223257	223197	223137	223077	223017	222957	222897	222837	222777	
1975	204884	204817	204751	204685	204619	204553	204487	204421	204355	204289	204223	204157	204091	204025	203959	203893	203827	203761	203695	203629	203563	203497	203431	203365	203300	203234	203168	203102	203036	202970	202904	202838	202772	
1976	68886	68853	68820	68787	68754	68721	68688	68655	68622	68589	68556	68523	68490	68457	68424	68391	68358	68325	68292	68259	68226	68193	68160	68127	68094	68061	68028	67995	67962	67929	67896	67863	67830	
1977	34988	34947	34907	34867	34827	34787	34747	34707	34667	34627	34587	34547	34507	34467	34427	34387	34347	34307	34267	34227	34187	34147	34107	34067	34027	33987	33947	33907	33867	33827	33787	33747	33707	
1978	249126	247825	247675	247525	247375	247225	247075	246925	246775	246625	246475	246325	246175	246025	245875	245725	245575	245425	245275	245125	244975	244825	244675	244525	244375	244225	244075	243925	243775	243625	243475	243325	243175	243025
1979	239719	239683	239647	239611	239575	239539	239503	239467	239431	239395	239359	239323	239287	239251	239215	239179	239143	239107	239071	239035	238999	238963	238927	238891	238855	238819	238783	238747	238711	238675	238639	238603	238567	
1980	239719	239683	239647	239611	239575	239539	239503	239467	239431	239395	239359	239323	239287	239251	239215	239179	239143	239107	239071	239035	238999	238963	238927	238891	238855	238819	238783	238747	238711	238675	238639	238603	238567	
1981	167676	167676	167676	167676	167676	167676	167676	167676	167676	167676	167676	167676	167676	167676	167676	167676	167676	167676	167676	167676	167676	167676	167676	167676	167676	167676	167676	167676	167676	167676	167676	167676	167676	
1982	267794	267794	267794	267794	267794	267794	267794	267794	267794	267794	267794	267794	267794	267794	267794	267794	267794	267794	267794	267794	267794	267794	267794	267794	267794	267794	267794	267794	267794	267794	267794	267794	267794	
1983	300040	299123	298206	297289	296372	295455	294538	293621	292704	291787	290870	289953	289036	288119	287202	286285	285368	284451	283534	282617	281700	280783	279866	278949	278032	277115	276198	275281	274364	273447	272530	271613	270696	
1984	251104	253724	253115	252507	251899	251291	250683	250075	249467	248859	248251	247643	247035	246427	245819	245211	244603	243995	243387	242779	242171	241563	240955	240347	239739	239131	238523	237915	237307	236699	236091	235483	234875	234267
1985	193304	194733	194733	194733	194733	194733	194733	194733	194733	194733	194733	194733	194733	194733	194733	194733	194733	194733	194733	194733	194733	194733	194733	194733	194733	194733	194733	194733	194733	194733	194733	194733	194733	
1986	24577	24577	24577	24577	24577	24577	24577	24577	24577	24577	24577	24577	24577	24577	24577	24577	24577	24577	24577	24577	24577	24577	24577	24577	24577	24577	24577	24577	24577	24577	24577	24577	24577	
1987	142661	142768	142875	142982	143089	143196	143303	143410	143517	143624	143731	143838	143945	144052																				



Brush Creek



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

ISABELLA DAM AND LAKE  
KERN RIVER, CALIFORNIA

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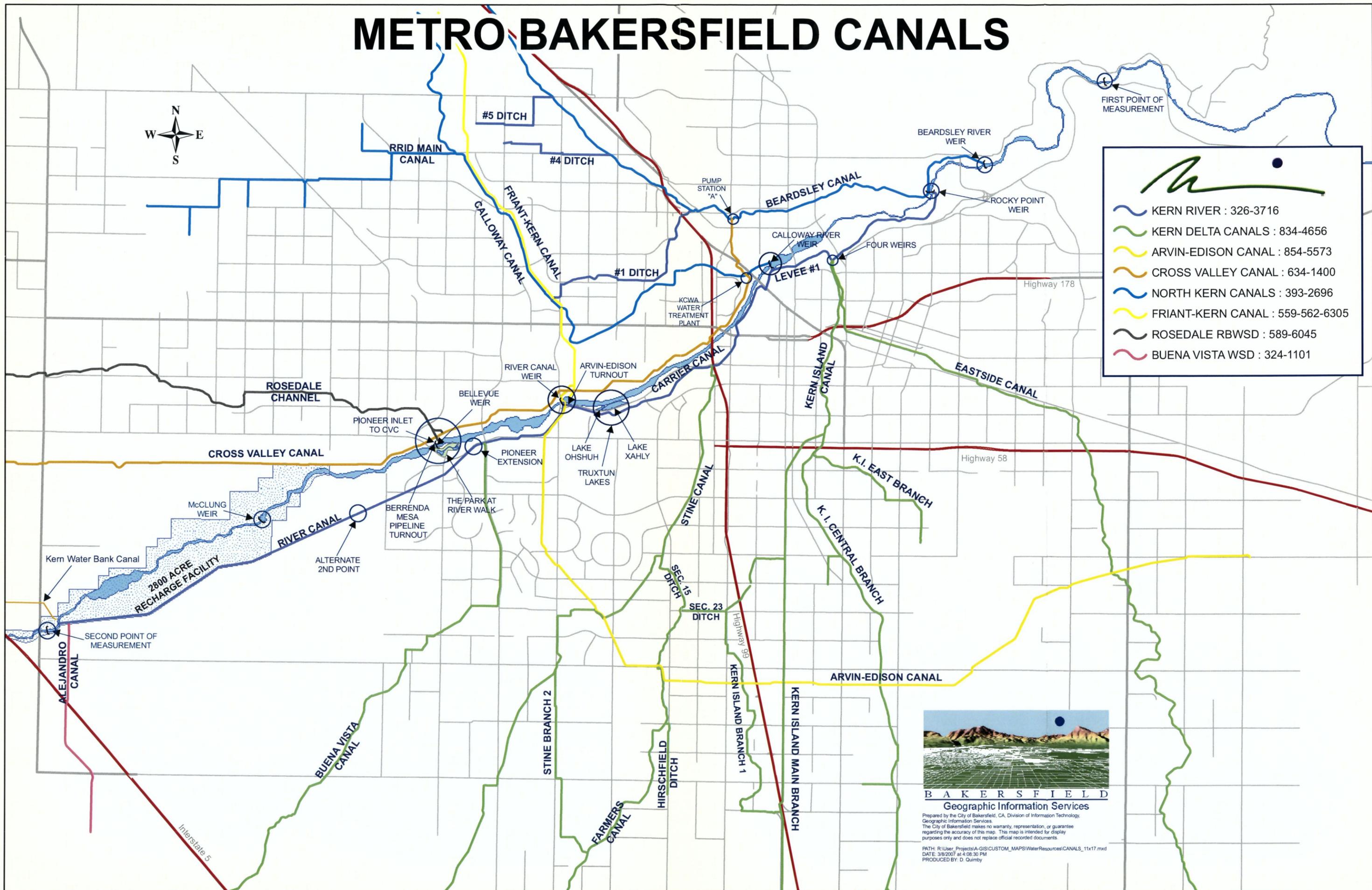
**GENERAL MAP**

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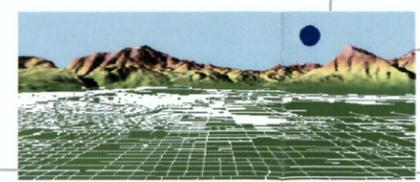
U.S. ARMY CORPS OF ENGINEERS  
SACRAMENTO DISTRICT

Prepared by J.S.M.

# METRO BAKERSFIELD CANALS



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



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Kern River behind Hart Park

6

7

8

9

10

11

12

13

14

453.00

452.50

452.00

451.50

451.00

450.50

450.00

449.50

449.00

448.50

448.00

Peak Flow  
8,280 CFS

# Kern River First Point of Measurement February 10, 1978 Rainflood

