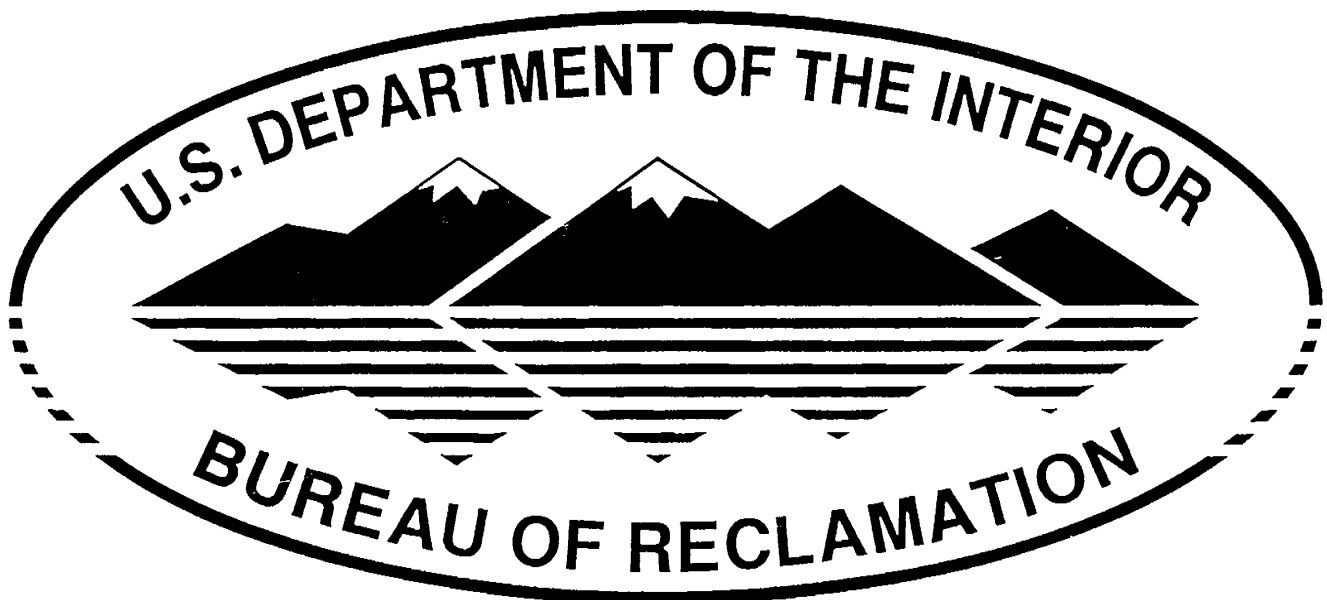
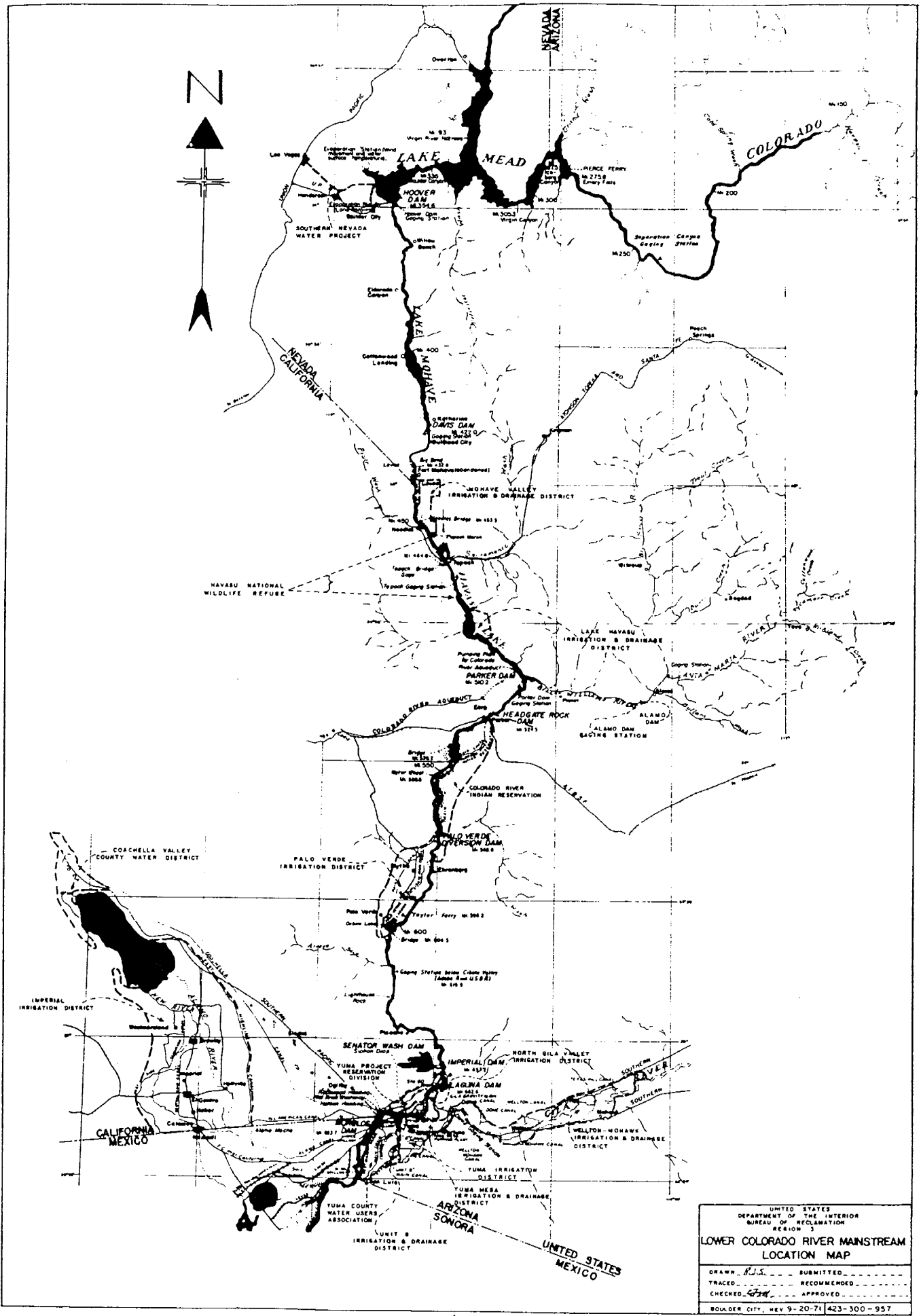


COMPILATION OF RECORDS IN
ACCORDANCE WITH ARTICLE V OF THE
DECREE OF THE SUPREME COURT OF
THE UNITED STATES IN
ARIZONA v. CALIFORNIA DATED MARCH 9, 1964

CALENDAR YEAR 1996



Bureau of Reclamation
Boulder Canyon Operations Office
Lower Colorado Region
Boulder City, Nevada



UNITED STATES
 DEPARTMENT OF THE INTERIOR
 BUREAU OF RECLAMATION
 REGION 3

**LOWER COLORADO RIVER MAINSTREAM
 LOCATION MAP**

DRAWN *B.S.* SUBMITTED _____
 TRACED _____ RECOMMENDED _____
 CHECKED *GTW* APPROVED _____

BOULDER CITY, NEV 9-20-71 423-300-957

CONTENTS

	Page
Location Map (Drawing No. 423-300-957)	Frontispiece
Summary of Water Supply and Consumptive Use	1
Article V of the Decree of the Supreme Court in <u>Arizona v. California</u> , March 9, 1964 ..	2
V(A) Releases of Water Through Regulatory Structures Controlled by the United States ...	4
V(B) Mainstream Diversions, Return Flows, and Consumptive Use	7
Arizona	9
Other Arizona Users	14
California	16
Other California Users	19
Nevada	20
Other Nevada Users	22
V(C) Water Ordered but not Diverted	23
Arizona	25
California	27
V(D) Deliveries of Water to Mexico	29
V(E) Diversions and Use for Gila National Forest	31

S U M M A R Y
USE BY STATE, UNMEASURED RETURNS ESTIMATE, AND RESERVOIR CONTENTS
CALENDAR YEAR 1996

	(THOUSAND ACRE-FEET)												
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
WATER USE SUMMARY													
ARIZONA	164.4	194.4	323.4	339.4	364.7	336.7	250.4	215.4	161.9	118.0	66.9	179.1	2714.8
CALIFORNIA	286.6	329.8	491.2	576.7	552.1	529.0	567.1	516.7	423.9	424.5	323.1	302.1	5322.9
NEVADA	12.6	10.6	17.5	22.2	26.4	26.8	27.0	26.9	25.2	23.3	17.0	13.8	249.2
STATES SUBTOTAL	463.6	534.8	832.1	938.2	943.2	892.5	844.6	759.0	611.1	565.8	407.1	494.9	8286.9
UNMEASURED RETURNS 1/	15.7	17.2	18.9	21.3	24.5	24.4	24.8	26.2	24.6	22.5	19.6	19.3	259.2
TOTAL STATES	447.9	517.6	813.2	916.9	918.7	868.1	819.8	732.8	586.4	543.3	387.4	475.6	8027.7
MEXICO IN SATISFACTION OF TREATY													
MEXICO BYPASS PURSUANT TO MINUTE 242	100.9	146.2	186.9	170.9	180.9	183.6	148.0	110.3	89.3	57.8	65.0	65.5	1505.3
	13.5	12.7	12.4	12.1	10.6	8.7	6.3	3.6	8.2	9.8	8.0	6.5	112.4
USE TOTAL	578.1	693.6	1031.4	1121.2	1134.7	1084.8	998.9	872.9	708.6	633.4	480.0	567.0	9904.7
END OF MONTH ACTIVE CONTENTS:													
LAKE POWELL													
LAKE MEAD	20947	20693	20220	20186	21389	22410	22219	21580	21155	20969	20895	20498	
LAKE MOHAVE	21980	22031	22031	21882	21672	21557	21533	21500	21614	21714	21876	22112	
LAKE HAVASU	1632	1666	1632	1707	1734	1686	1650	1646	1578	1497	1527	1578	
LOWER BASIN TOTAL STORAGE	569	570	527	581	610	594	581	595	597	580	564	555	
	24180	24267	24190	24170	24016	23837	23764	23741	23789	23791	23967	24245	
USE ABOVE HOOVER DAM:													
ARIZONA	0.008	0.009	0.012	0.018	0.020	0.020	0.019	0.021	0.017	0.019	0.012	0.013	0.188
NEVADA	11.614	9.376	16.258	21.213	24.872	25.007	25.135	25.112	23.636	21.554	15.693	12.280	231.749
TOTAL USE	11.622	9.385	16.270	21.231	24.892	25.027	25.154	25.133	23.653	21.573	15.705	12.293	231.937
USE BELOW PARKER DAM:													
ARIZONA	43.5	66.2	124.3	141.9	161.6	166.3	176.4	149.9	112.6	103.4	58.3	47.1	1351.4
CALIFORNIA	205.9	245.6	388.2	466.2	436.5	415.8	450.5	400.5	313.8	311.9	223.4	202.4	4060.8
MEXICO	114.4	158.9	199.3	183.0	191.4	192.3	154.3	113.9	97.6	67.6	73.0	72.0	1617.7
TOTAL USE	363.8	470.7	711.7	791.1	789.6	774.5	781.2	664.3	523.9	483.0	354.6	321.5	7029.9
LOSSES BELOW PARKER	1.4	27.7	68.6	55.9	44.3	64.7	49.7	0.9	24.2	-22.3	-29.6	-14.9	270.6

1/ Estimated total unmeasured return 259,188 acre-feet reduces total Lower Basin use. Estimated unmeasured return by state is 161,955 af in Arizona, 96,487 af in California, and 746 af in Nevada.

ARTICLE V OF THE DECREE OF THE SUPREME COURT
OF THE UNITED STATES
IN ARIZONA V. CALIFORNIA DATED MARCH 9, 1964

Article V

V. The United States shall prepare and maintain, or provide for the preparation and maintenance of, and shall make available, annually and at such shorter intervals as the Secretary of the Interior shall deem necessary or advisable, for inspection by interested persons at all reasonable times and at a reasonable place or places, complete, detailed and accurate records of:

(A) Releases of water through regulatory structures controlled by the United States;

(B) Diversions of water from the mainstream, return flow of such water to the stream as is available for consumptive use in the United States or in satisfaction of the Mexican treaty obligation, and consumptive use of such water. These quantities shall be stated separately as to each diverter from the mainstream, each point of diversion, and each of the States of Arizona, California and Nevada;

(C) Releases of mainstream water pursuant to orders therefor but not diverted by the party ordering the same, and the quantity of such water delivered to Mexico in satisfaction of the Mexican Treaty or diverted by others in satisfaction of rights decreed herein. These quantities shall be stated separately as to each diverter from the mainstream, each point of diversion, and each of the States of Arizona, California and Nevada;

(D) Deliveries to Mexico of water in satisfaction of the obligations of Part III of the Treaty of February 3, 1944, and separately stated, water passing to Mexico in excess of treaty requirements;

(E) Diversions of water from the mainstream of the Gila and San Francisco Rivers and the consumptive use of such water, for the benefit of the Gila National Forest.

RECORDS OF RELEASES OF WATER THROUGH
REGULATORY STRUCTURES IN ACCORDANCE WITH

ARTICLE V(A) OF THE DECREE OF

THE SUPREME COURT OF THE UNITED STATES

IN ARIZONA V. CALIFORNIA DATED MARCH 9, 1964

CALENDAR YEAR 1996

The following tabulations for calendar year 1996 show final records of releases of water through regulatory structures controlled by the United States. At Hoover, Davis, Parker, Palo Verde, Imperial, and Laguna Dams, the records are furnished by the U.S. Geological Survey based on measurements at or below the structures.

The record of river flow through Headgate Rock Dam was computed using the record of flow at the gaging station "Colorado River below Parker Dam, Arizona-California," and deducting from it the record of flow at the gaging station "Diversion for Colorado River Indian Reservation Main Canal near Parker, Arizona." The diversions are made at Headgate Rock Dam.

RELEASES OF WATER THROUGH REGULATORY STRUCTURES
 CONTROLLED BY THE UNITED STATES
 CALENDAR YEAR 1996

STRUCTURE	(THOUSAND ACRE-FEET)												
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
GLEN CANYON DAM	974.9	822.6	1133.0	1112.0	1047.0	1045.0	987.6	910.7	822.5	663.1	623.8	882.9	11025.1
HOOVER DAM	594.6	766.4	1013.0	1303.0	1197.0	1061.0	966.6	873.7	634.6	499.7	448.5	614.0	9972.1
DAVIS DAM	577.4	705.2	1041.0	1205.0	1175.0	1111.0	1016.0	874.3	693.9	576.2	411.7	544.8	9931.5
PARKER DAM	365.2	498.4	780.3	847.0	833.9	839.2	830.9	665.2	548.1	460.7	325.0	306.6	7300.5
HEADGATE ROCK DAM 1/	342.0	456.4	710.7	779.9	753.0	749.8	738.9	582.1	493.3	421.7	299.6	272.2	6599.5
PALO VERDE DAM	298.6	378.9	620.3	668.0	640.6	599.4	583.5	513.4	417.8	395.6	284.2	239.7	5640.0
IMPERIAL DAM	15.6	15.3	21.5	23.6	21.6	20.8	22.5	22.4	18.4	18.0	14.9	16.2	230.9
DIVERSION TO MITTRY LAKE FROM GILA MAIN CANAL	0.9	0.9	0.9	0.8	0.9	0.8	0.8	0.8	0.8	0.9	0.7	0.7	9.9
SUM IMPERIAL DAM + DIVERSION TO MITTRY LAKE	16.4	16.2	22.4	24.4	22.4	21.7	23.3	23.2	19.3	18.9	15.6	16.9	240.7
LAGUNA DAM	17.7	17.6	25.1	22.6	22.4	25.2	26.4	19.5	15.3	17.0	18.5	16.7	243.9

1/ Computed as Parker Dam release less diversion at Headgate Rock Dam.

RECORDS OF DIVERSIONS, RETURN FLOWS, AND CONSUMPTIVE USE
IN ACCORDANCE WITH ARTICLE V(B) OF THE DECREE OF
THE SUPREME COURT OF THE UNITED STATES IN

ARIZONA V. CALIFORNIA

DATED MARCH 9, 1964

CALENDAR YEAR 1996

The following tabulations for calendar year 1996 show final records of diversions of water from the mainstream of the Colorado River, return flow of such water to the mainstream and consumptive use of such water. The records were furnished by the U.S. Geological Survey, International Boundary and Water Commission, Bureau of Indian Affairs, Bureau of Reclamation (Reclamation), National Park Service, U.S. Fish and Wildlife Service, and water user agencies. Diversions from the All-American Canal and Gila Gravity Main Canal at Imperial Dam were assigned to each user by adding each user's proportional share of the total canal losses to the delivery taken by each user at its turnout from the canal.

The tabulations also show quantities of water pumped from the mainstream or from wells in the Colorado River flood plain. Amounts diverted by pumping were determined by: (1) For most electric pumps, diversions were computed on a monthly basis from power records and a "kilowatt-hour per acre-foot factor" that was determined by discharge measurement; (2) For pumps other than electric and some electric pumps, a consumptive use factor of 6 acre-feet per irrigated acre per year was used.

There are undetermined amounts of unmeasured return flow reaching the Colorado River by means of flow through aquifers connecting water use areas to the mainstream. Reclamation, working with the U.S. Geological Survey, is continuing the research and investigative program to determine the amounts of such unmeasured return flows.

Tabulations for calendar year 1996 do include acceptable determinations of the unmeasured Colorado River return flows to Lake Mead from Las Vegas Wash which accrue the State of Nevada and a portion of the unmeasured return flows from the Yuma Mesa which are credited to the State of Arizona.

No person or entity is entitled to divert or use Colorado River water without an entitlement. An entitlement is an authorization to beneficially use Colorado River water pursuant to: (1) a right decreed by the Supreme Court, (2) a contract with the United States through the Secretary of the Interior (Secretary), or (3) a Secretarial reservation of water. The recording of diversions, return flows, or consumptive use in this tabulation is for statistical use only and is not to be interpreted as an entitlement, indication that the use is authorized, or imply that return flow credits are associated with a specific entitlement.

DIVERSIONS FROM MAINSTREAM-AVAILABLE RETURN FLOW
AND CONSUMPTIVE USE OF SUCH WATER
CALENDAR YEAR 1996
STATE OF ARIZONA

WATER USER	(ACRE-FEET)												TOTAL 1/
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
LAKE MEAD NAT'L RECREATION, AZ. DIVERSIONS FROM LAKE MEAD (TEMPLE BAR)	8	9	12	18	20	20	19	21	17	19	12	13	188
LAKE MEAD NAT'L RECREATION, AZ. DIVERSIONS FROM LAKE MOHAVE (KATHERINE, WILLOW BEACH)	19	17	24	32	40	43	44	43	32	25	17	16	352
L.C.R.D. PROJECT (DAVIS DAM) DIVERSION AT DAVIS DAM	3	2	3	4	5	6	6	6	4	5	6	4	55
BULLHEAD CITY PUMPED FROM WELLS	453	420	456	655	660	679	762	801	727	654	549	536	7352
DIV. AT DAVIS DAM, MOHAVE CO. PARKS	3	3	4	9	9	19	19	18	10	6	4	1	105
MOHAVE WATER CONSERVATION DIST. PUMPED FROM WELLS	456	423	460	684	669	698	781	819	737	660	553	537	7457
BROOKE WATER, (WAS CONSOLIDATED W U) PUMPED FROM RIVER	45	49	46	62	75	68	72	92	64	93	68	60	793
MOHAVE VALLEY I. & D. DISTRICT PUMPED FROM WELLS	26	24	27	32	40	41	43	44	37	33	26	25	396
FORT MOHAVE INDIAN RESERVATION 12 PUMPS AND WELLS IN FLOOD PLAIN	1	1	1	1	1	1	1	1	1	1	1	1	8
GOLDEN SHORES WATER CONSERVATION DIST PUMPED FROM WELLS	25	23	26	31	39	40	42	43	36	32	26	24	388
HAVASU NATIONAL WILDLIFE REFUGE INLET-NW NE NW SEC 33 T9N R55W G&SRM WELL 8N/23E-15Aa (TOPOCK MARSH)	1739	2192	3726	4179	4397	5853	6227	6032	4472	3276	2120	1580	45793
LAKE HAVASU CITY (L.H.I.D.) DISTRICT PUMPED FROM WELLS	1512.7	3935.3	6762.86	5017	9227.8	8123.9	10704	9968.5	5938.8	4561	1768	515.56	68035.1
CONSUMPTIVE USE													
CONSUMPTIVE USE	45	45	45	45	45	45	45	45	45	45	45	45	542
CONSUMPTIVE USE	685	1134	5567	6767	4998	5177	7449	5217	3600	1447	222	529	42792
CONSUMPTIVE USE	14.7	11.7	20.0	21.6	26.5	32.1	35.0	33.7	26.4	22.1	15.7	15.5	275
CONSUMPTIVE USE	0	1810	606	1490	3450	2610	3240	1020	0	0	0	0	14226
CONSUMPTIVE USE	700	-664	4981	5299	1574	2599	4244	4231	3626	1469	238	544	28841
CONSUMPTIVE USE	882	834	991	1179	1404	1556	1565	1586	1344	1276	986	863	14466

DIVERSIONS FROM MAINSTREAM-AVAILABLE RETURN FLOW
AND CONSUMPTIVE USE OF SUCH WATER
CALENDAR YEAR 1996
STATE OF ARIZONA

WATER USER	(ACRE-FEET)												
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL 1/
FINAL RECORDS 09/03/97													
CENTRAL ARIZONA PROJECT PUMPED FROM LAKE HAVASU	115401	121342	182002	180921	185527	151324	50248	42612	33017	3126	2770	127769	1196059
	CONSUMPTIVE USE												
TOWN OF PARKER PUMPED FROM RIVER	0	0	0	0	6	10	22	19	8	1	0	0	66
1 WELL-NW NW NW SEC 7 T9N R19W G&SRM	62	62	81	97	115	123	115	119	102	99	60	51	1086
	0	0	0	0	1	1	2	2	2	0	0	0	8
CONSUMPTIVE US	62	62	81	97	120	132	135	135	108	100	60	51	1143
COLORADO RIVER INDIAN RESERVATION DIVERSION AT HEADGATE ROCK DAM 1 PUMP FROM RIVER (B-04-22)14 bbd	23240	42030	69610	67130	80910	89360	92020	83120	54760	39040	25430	34360	701010
	463	766	195	1112	1264	1692	1864	2018	1813	1361	111	170	12829
RETURNS	13172	15575	19554	19391	21361	20772	22476	25247	23149	20649	18081	18074	237501
CONSUMPTIVE US	10531	27221	50251	48851	60813	70280	71408	59891	33424	19752	7460	16456	476338
EMERSONSBURG IMPROVEMENT ASSN. 1 PUMP SW SEC 3 T3N R22W G&SRM	23	18	31	34	41	50	54	52	41	34	24	24	428
	CONSUMPTIVE USE												
CIBOLA VALLEY IRRIGATION DISTRICT 3 PUMPS SEC'S 20, 21 & 26T1N R23W	1024	1445	2537	3355	4467	4554	4409	3210	1660	1674	683	206	29223
	CONSUMPTIVE US												
CIBOLA NATIONAL WILDLIFE REFUGE 5 PUMPS SEC 2 T1S R24W, SEC 31 T1S R23W	597	532	851	784	1005	1479	2003	1328	1930	1428	1806	724	14467
	CONSUMPTIVE US												
IMPERIAL NATIONAL WILDLIFE REFUGE 2 WELLS SEC 13 T5S R22W G&SRM	533	427	728	787	962	1166	1272	1224	961	805	572	563	10000
	CONSUMPTIVE US												
YUMA PROVING GROUND DIVERSION AT IMPERIAL DAM WELLS W,X,Y,Z	0	0	0	4	0	0	1	3	1	0	0	4	13
	41	42	90	156	148	152	200	197	153	81	60	48	1368
RETURNS	0	0	0	0	0	0	0	0	0	0	0	0	0
CONSUMPTIVE US	41	42	90	160	148	152	201	200	154	81	60	52	1381
STURGES DIVERSION AT IMPERIAL DAM (WARREN ACT)	270	442	647	799	719	602	837	582	230	702	442	453	6725
	14	13	23	17	1	12	53	11	4	22	8	-6	172
CONSUMPTIVE US	256	429	622	780	717	585	780	568	225	678	432	457	6529
WELLTON MOHAWK I. & D. DISTRICT DIVERSION AT IMPERIAL DAM	20977	22808	38503	42343	45355	47811	48742	37221	35446	32693	25422	17810	415131
	1196	745	1508	1038	51	1090	3443	819	771	1125	532	-265	12053
GGMC RETURN	1932	1281	1101	772	453	311	150	214	610	704	617	892	9037
DOME RETURN	13750	12930	12960	12610	11520	9370	7250	4460	9120	10560	8430	6660	119620
MOD RETURN 9/	16878	14956	15569	14420	12024	10771	10843	5493	10501	12389	9579	7287	140710
RETURNS, TOTAL													

DIVERSIONS FROM MAINSTREAM-AVAILABLE RETURN FLOW
AND CONSUMPTIVE USE OF SUCH WATER
CALENDAR YEAR 1996
STATE OF ARIZONA

WATER USER	09/03/97	(ACRE-FEET)												TOTAL 1/
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
CITY OF YUMA		4099	7852	22934	27923	33331	37040	37899	31728	24945	20304	15843	10523	274421
CONSUMPTIVE US		1920	2057	1862	2022	2585	2560	2789	2806	2508	2503	2041	2045	27698
DIVERSION AT IMPERIAL DAM (AAC)		34	34	35	38	47	57	53	53	53	19	13	0	436
DIVERSION AT IMPERIAL DAM (GILA)		733	1118	745	705	750	721	781	808	813	834	790	836	9634
RETURNS		1221	973	1152	1355	1882	1896	2061	2051	1748	1688	1264	1209	18500
CONSUMPTIVE US		39	54	114	208	258	313	337	323	262	180	135	69	2292
DIVERSION														
RETURNS														
CONSUMPTIVE USE														
SOUTHERN PACIFIC COMPANY														
DIVERSION AT IMPERIAL DAM		4	4	4	4	4	4	4	4	4	4	4	4	48
RETURNS														
CONSUMPTIVE USE														
YUMA MESA FRUIT GROWERS ASSN.		1	1	1	1	1	1	1	1	1	1	1	1	12
DIVERSION AT IMPERIAL DAM														
RETURNS														
CONSUMPTIVE USE														
UNIVERSITY OF ARIZONA		69	49	91	68	88	117	167	124	135	110	57	56	1131
DIVERSION AT IMPERIAL DAM														
(WARREN ACT)														
CONSUMPTIVE USE														
YUMA UNION HIGH SCHOOL		4	7	10	16	24	26	30	24	20	12	13	9	195
DIVERSION AT IMPERIAL DAM														
RETURNS														
CONSUMPTIVE USE														
CAMILLE, ALEC, JR.		7	5	6	5	5	4	2	5	4	2	2	3	50
DIVERSION AT IMPERIAL DAM														
(WARREN ACT)														
CONSUMPTIVE USE														
DESERT LAWN MEMORIAL		4	5	9	13	15	14	21	19	2	0	0	0	102
DIVERSION AT IMPERIAL DAM														
RETURNS														
CONSUMPTIVE USE														
NORTH GILA VALLEY IRRIGATION DISTRICT		2987	3496	4994	5938	6239	3662	4085	1947	3774	5685	3337	2429	48573
DIVERSION AT IMPERIAL DAM 7/		1855	2060	2732	3021	3291	2213	2455	1358	2128	3155	2118	1541	27927
RETURNS		1132	1436	2262	2917	2948	1449	1630	589	1646	2530	1219	888	20646
CONSUMPTIVE US		3083	3779	5650	7099	6182	4408	3772	4228	6465	7015	4372	2764	58817
DIVERSION		681	592	694	665	726	627	465	658	666	652	562	506	7494
DIVERSION		947	1026	1452	1535	1254	1082	1109	1080	1415	1677	1034	627	14238
RETURNS		2817	3345	4892	6229	5654	3953	3128	3806	5716	5990	3900	2643	52073
CONSUMPTIVE US		11651	11549	15054	20393	26827	27845	33417	29061	22907	21065	12514	8633	240916
DIVERSION		2381	2429	3235	3081	1998	2868	5150	4762	3734	3034	2466	1991	37129
RETURNS														

DIVERSIONS FROM MAINSTREAM-AVAILABLE RETURN FLOW
AND CONSUMPTIVE USE OF SUCH WATER
CALENDAR YEAR 1996
STATE OF ARIZONA

FINAL RECORDS 09/03/97

(ACRE-FEET)

WATER USER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL 1/
UNIT "B" I. & D. DISTRICT													
DIVERSION AT IMPERIAL DAM 77E/	9270	9120	11819	17312	24829	24977	28267	24299	19173	18031	10048	6642	203787
CONSUMPTIVE US													
DIVERSION RETURNS	1565	1472	2080	3158	3089	3423	4118	3875	3161	2620	1886	917	31344
CONSUMPTIVE US	382	404	540	526	350	460	741	803	633	484	426	364	6113
YUMA COUNTY WATER USERS ASSOCIATION													
DIVERSION AT IMPERIAL DAM	1183	1068	1540	2632	2719	2963	3377	3072	2528	2136	1460	553	25231
PUMPED FROM WELLS 7E/													
DIVERSION	19281	23098	35739	40843	34010	23569	26889	25900	26951	41399	28438	20427	346544
DIVERSION RETURNS	564	565	566	497	494	468	499	484	363	409	366	401	5676
CONSUMPTIVE US	9142	8651	10316	11082	11523	9541	8416	8334	9186	12147	12061	10699	121098
COCOPAH INDIAN RESERVATION													
DIVERSION AT IMPERIAL DAM	10703	15012	25989	30258	22981	14496	18972	18050	18128	29661	16743	10129	231122
PUMPED FROM WELLS, SEC 25 & 36 9S-25W 7													
DIVERSION	74	59	199	18	84	307	172	40	122	117	139	37	1368
DIVERSION RETURNS	2	1	3	0	1	6	3	1	2	1	2	1	23
CONSUMPTIVE US	74	59	199	18	83	307	171	40	120	114	135	32	1352
YUMA AREA OFFICE, USBR													
DIVERSIONS FROM THE MODE	8.5	6.8	11.6	12.6	15.4	18.7	20.4	19.6	15.4	12.9	9.2	9.0	160
DIVERSION FROM WELLS	69	55	94	102	124	150	164	158	124	104	74	73	1290
CONSUMPTIVE US	0	0	0	0	0	0	0	0	0	0	0	0	0
PUMPED FROM SOUTH GILA WELLS (DPOC'S)													
RETURNS 5/	4282	4882	5230	5090	5179	3324	4159	4929	3435	4862	5882	6114	57368
OTHER USERS PUMPING FROM COLORADO													
RIVER AND WELLS IN FLOOD PLAIN DAVIS	4023	1845	3196	3109	3638	3566	4110	3966	2995	2884	2175	1862	37369
DAM TO INTERNATIONAL BOUNDARY													
CONSUMPTIVE USE													
ARIZONA TOTALS													
DIVERSION RETURNS	214127	247318	383359	399739	425886	391112	309876	269288	216958	177288	119350	226623	3380926
CONSUMPTIVE US	49788	52926	60005	60359	61185	54381	59430	53849	55005	59257	52452	47533	666171
CONSUMPTIVE US	164338	194392	323354	339380	364701	336731	250446	215439	161954	118031	66899	179090	2714754

NOTE: The term 'CONSUMPTIVE USE' in this tabulation means diversions including underground pumping, less measured return flow and less current estimated unmeasured return flow to the river.

- 1/ No surface returns unless shown.
- 2/ Reported annual total only, distributed monthly according to nearby users.
- 3/ Calculated by assuming an annual CU of 6 ac-ft per irrigated acre.
- 4/ Calculated using monthly power records.
- 5/ Pumped from underground and credited as return flow to Yuma Mesa Division but unassigned to districts as returns.
- 6/ Details on Arizona Supplemental Sheets.
- 7/ Summation for the Yuma Mesa Division, consisting of the North Gila Valley Irrigation District, the Yuma Irrigation District, and the Yuma Mesa Irrigation & Drainage District is as follows:

Annual Totals (Acre-Feet)

DIVERSIONS FROM MAINSTREAM-AVAILABLE RETURN FLOW
AND CONSUMPTIVE USE OF SUCH WATER
CALENDAR YEAR 1986
STATE OF ARIZONA

WATER USER	FINAL RECORDS	09/03/97	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL 1/
															(ACRE-FEET)

Diversion at Imperial Dam A/															
Pumped from wells						348306									
Surface returns from South Gila Valley (S.Gila Canal Wasteway)						7494									
Return flow North Gila Valley (6 drains & wasteways)						3977 *									
Return flow South Gila Valley wells (DPOC's)						8700 *									
Return flow Yuma Mesa Outlet Drain B/						57368									
Return flow protective and regulatory pumping unit C/						21905 *									
Estimated unmeasured groundwater return flow D/						5546 *									
Return flow share of Gila Main Canal loss E/						26692									
Subtotal return flow F/						12467 *									
Consumptive Use (see note above)						136655	136662	check from above							
(A) Total for the North Gila Valley, The Yuma Irrigation and the Yuma Mesa Irrigation and Drainage Districts, and 'Unit B'.						219145	219138	check from above							

(B) Estimated at 85 percent of the Yuma Mesa Outlet Drain with balance credited to 'Unit B'.
 (C) Estimated at 85 percent of Protective and Regulatory Pumping Unit with balance credited to 'Unit B'.
 (D) Estimated at 38 percent of the North Gila Valley Diversion at Imperial Dam plus 14 percent of Yuma Irrigation District diversion at Imperial Dam. (Based on analysis of the USGS Report 83-4220 entitled 'A Method for Estimating Ground-Water Return Flow to the Lower Colorado River in the Yuma Area')
 (E) Diversion* mileage weighted share of Gila Main Canal loss less canal surface evaporation (1397 af/yr) and phreatophytes (2154 af/yr).
 (F) Additional unmeasured amounts of return flows from the Yuma Mesa Irrigation and Drainage District, 'Unit B', the Cocopah Indian Reservation, and the Yuma County Water Users Association (YCWUA) are utilized to meet consumptive uses in the United States and in partial satisfaction of the Mexican Treaty obligation. Some of these underground flows are recovered by pumping from wells on the Cocopah Indian Reservation and in the YCWUA area, and by some of the surface drains in the YCWUA area. Efforts will be made to at least quantify these return flows within broad limits by respective water user entities in future years.
 8/ Diversion adjusted for delivery to Mohave Valley I. D. D. (Chesney).
 9/ Main Outlet Drain return flow credit is measured flow at Station 0+00 and includes both Colorado River and Gila River water. Reclamation is working to develop a method to separate the different sources of return flow and will apply that methodology when available.
 10/ Water pumped from wells or diverted from the mod for service, potable and irrigation water.

PUMPAGE FROM COLORADO RIVER
AND WELLS IN FLOOD PLAIN
DAVIS DAM TO INTERNATIONAL BOUNDARY
CALENDAR YEAR 1996
STATE OF ARIZONA

FINAL RECORDS 08/15/97

(ACRE-FEET)

WATER USER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL 1/
BLM Permitees													
Havasu Water Co. of AZ (Citizens Utilities)	4.5	3.6	6.2	6.7	8.1	9.9	10.8	10.3	8.1	6.8	4.8	4.8	84.6
SUBTOTALS, DAVIS DAM TO PARKER DAM	28.1	25.3	26.4	37.6	47.8	39.1	44.4	45.2	62.9	29.5	33.7	34.6	454.6
	32.6	28.9	32.6	44.3	55.9	48.9	55.2	55.5	71.0	36.3	38.5	39.4	539.1
Hillcrest Water Co.													
Rayner, Jack Jr.	1.2	1.3	1.3	1.8	2.5	2.3	2.4	2.7	1.9	2.0	1.4	1.5	22.4
(B-04-22)34 DCC(CDD)	352.0	142.3	641.5	307.6	340.5	691.6	766.5	672.7	440.8	298.5	80.6	56.7	4791.3
Rayner, Jack Jr.	32.0	93.4	116.5	1.1	1.3	1.4	4.4	2.0	2.1	1.9	0.2	0.0	256.3
(B-04-22)34 DCC(DCD)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Arakelian, George	117.7	94.3	160.7	173.8	212.4	257.5	280.9	270.3	212.2	177.7	126.3	124.3	2208.0
(B-03-22)16 DBD(DAD)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.4
Arakelian, George	41.3	33.1	56.4	61.0	74.5	90.3	98.5	94.8	74.5	62.4	44.3	43.6	774.7
(B-03-22)16 DBD(DAD) 3/	544.2	364.3	976.5	545.2	631.2	1043.1	1152.7	1042.5	731.5	542.6	253.0	226.2	8053.1
Murphy Broadcasting, Inc. (new well)													
BLM Permitees													
SUBTOTALS, PARKER DAM TO IMPERIAL DAM	19.2	15.4	26.2	28.3	34.6	42.0	45.8	44.1	34.6	29.0	20.6	20.3	360.0
Pratt, L.	12.4	16.7	17.9	38.9	56.2	21.4	28.5	8.3	16.3	10.1	5.1	0.0	231.8
Sec14 T7S R22W ABC 2/3/	104.2	94.5	93.2	95.7	144.1	50	71.9	115.4	17.5	230.4	129.9	0	1146.8
(C-8-22) 8DAC	0.0	0.1	0.0	0.1	0.9	1.0	47.3	0.0	4.0	23.7	50.4	83.4	210.9
Dulin, A.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
(C-8-22) 9CCC	105.5	84.5	144.1	155.8	190.5	230.9	251.9	242.4	190.3	159.4	113.3	111.5	1980.0
Glen Curtis Cit	287.2	235.4	190.4	204.4	445.7	395.3	489.2	465.7	340.1	265.7	210.2	192.7	3722.0
(C-8-22) 24BDD 2/3/	10.7	8.5	14.6	15.7	19.2	23.3	25.4	24.5	19.2	16.1	11.4	11.3	200.0
Glen Curtis Cit	51.2	41.0	69.9	75.6	92.4	111.9	122.1	117.5	92.3	77.3	54.9	54.0	960.0
(C-8-22) 18DDD 2/3/	295.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	295.3
Yowellman, R.	165.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	165.0
SEC17 T08S R22W CBC 2	576.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	576.8
(C-8-22) 19CCA	453.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	453.5
Cameron Bros.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SEC24 T08S R23W CCB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Ott, Judd T.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
(C-8-22) 19CCA	160.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	160.6
Ogram, George	453.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	453.5
SEC24 T08S R23W DCC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Peach	0.0	0.0	29.3	0.0	33.3	67.0	72.7	75.5	24.3	0.0	0.0	26.3	328.4
SEC22 T08S R23W DCC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AZ Prod	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SEC23 T08S R23W CDA	38.8	31.1	53.0	57.2	70.0	84.8	92.5	89.0	70.0	58.6	41.6	41.0	728.0
Yucca Pwr Plant	12.8	7.0	16.1	16.4	9.9	0.0	16.7	20.2	10.5	10.0	5.7	4.6	129.9
SEC36 T16S R12E CBA 3/	9.2	29.8	19.1	0.0	26.9	0.0	57.2	24.8	24.9	68.2	7.4	8.2	275.7
Texas Hill Farm	151.9	121.7	207.5	224.0	273.9	332.0	362.2	348.6	273.9	229.4	163.0	160.5	2650.0
SEC29 T16S R22E BCC 2/	23.0	18.4	31.4	34.0	41.5	50.3	54.9	52.8	41.5	34.8	24.7	24.3	432.0
SEC28 T16S R22E CDA	16.0	12.8	21.8	23.6	28.8	35.0	38.1	36.7	28.8	24.2	17.2	16.9	300.0
SEC29 T16S R22E DAC	18.1	14.5	24.8	26.7	32.7	39.6	43.2	41.6	32.7	27.4	19.4	19.1	340.0
Power, R.E. & P.	66.2	66.2	106.8	72.5	134.4	46.9	0.0	63.8	82.8	140.7	115.5	49.3	905.3
Hall, Ansil	30.7	55.4	61.9	54.0	104.2	58.7	36.6	73.1	79.5	99.0	138.7	61.3	853.1
SEC33 T08S R24W BBA 2/3/	15.3	8.7	17.9	19.6	28.5	13.2	21.4	42.9	43.3	18.9	12.5	5.5	247.7
SEC30 T16S R22E BDB	43.1	25.7	32.1	75.2	86.2	40.2	58.4	106.8	108.3	48.9	33.2	15.1	673.2
16S/22E-30CDA	24.8	15.5	19.5	45.7	47.8	22.7	35.3	64.2	65.4	18.4	0.0	0.0	359.3
16S/21E-25DAA	66.2	35.2	126.8	257.6	125.6	53.3	11.2	10.6	67.8	69.3	134.0	101.5	1059.1
SEC19 T09S R24W BAD	114.6	72.1	157.3	323.8	167.5	70.5	47.3	169.9	79.4	199.6	256.5	131.5	1790.0
SEC19 T09S R24W BDD													
SEC19 T09S R24W BDA													
SEC36 T09S R25W AAA													
(C-9-24) 31BBB													

PUMPAGE FROM COLORADO RIVER
AND WELLS IN FLOOD PLAIN
DAVIS DAM TO INTERNATIONAL BOUNDARY
CALENDAR YEAR 1996
STATE OF ARIZONA

WATER USER	FINAL RECORDS	08/15/97	(ACRE-FEET)												
			JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL 1/
W. Brand-D. Donnelly	(C-9-25) 35ABA	2/3/	33.6	26.9	45.9	49.5	60.5	73.4	80.1	77.0	60.5	50.7	36.0	35.5	630.0
J W Cummings	(C-10-25) 1BBA	*	87.4	45.3	145.9	82.2	102.7	80.7	151.9	88.3	105.3	79.9	72.2	91.7	1133.5
P. Sibley	(C-10-25) 2CDA	2/3/	103.9	83.3	142.0	153.3	187.4	227.2	247.8	238.5	187.4	157.0	111.5	109.8	1950.0
J W Cummings	(C-10-25) 14ADB	*	37.7	24.4	57.3	48.4	102.4	60.2	29.3	33.2	0.0	81.0	43.8	41.9	559.6
C & J Cummings	(C-10-25) 26BAB	2/3/	25.6	20.5	34.9	37.7	46.1	55.9	61.0	58.7	46.1	38.6	27.5	27.0	480.0
J. Barkley	(C-10-25) 35CBA	2/3/	25.6	20.5	34.9	37.7	46.1	55.9	61.0	58.7	46.1	38.6	27.5	27.0	480.0
Brown, Roger S.	(C-11-25) 2BBA	*	62.4	30.6	56.5	113.0	36.8	33.1	48.5	30.6	0.0	0.0	0.0	0.0	411.5
Hughes, Earl	(C-11-25) 3DAC	*	237.3	190.0	187.6	152.7	174.4	97.4	192.7	44.3	0.0	0.0	0.0	125.4	1401.8
SUBTOTALS, BELOW IMPERIAL DAM			3446.0	1451.8	2186.6	2519.4	2951.3	2473.8	2902.2	2867.6	2192.8	2304.8	1853.8	1596.5	28780.8
*** Total Arizona Supplemental ***			4023	1845	3196	3109	3638	3566	4110	3966	2995	2884	2175	1862	37369

1/ Calculated from monthly power records and power-discharge measurements where available, else from power-discharge rate.

2/ Calculated by assuming an annual CU rate of 6 ac-ft per acre.

3/ Reported annual total only, distributed monthly according to nearby users.

DIVERSIONS FROM MAINSTREAM-AVAILABLE RETURN FLOW
AND CONSUMPTIVE USE OF SUCH WATER
CALENDAR YEAR 1996
STATE OF CALIFORNIA

WATER USER	(ACRE-FEET)												TOTAL 1/
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
FINAL RECORDS 09/05/97													
FORT MOHAVE INDIAN RESERVATION PUMPED FROM RIVER AND WELLS	1085	1239	1614	3066	2871	5161	5325	2811	1337	2587	2019	1075	30189
	DIVERSION 7/ RETURNS												
	CONSUMPTIVE USE												
CHEMEHUEVI INDIAN RESERVATION DIVERSIONS FROM PUMPS	45	36	62	67	82	99	108	104	81	68	49	48	848
	RETURNS												
	CONSUMPTIVE US												
CITY OF NEEDLES PUMPS & WELLS NW SW SEC 29 T9N R23E S	168	134	229	248	303	367	400	385	303	253	180	177	3148
	RETURNS 10/ CONSUMPTIVE US												
METROPOLITAN WATER DISTRICT DIVERSION FROM LAKE HAVASU	79704	82958	101481	107247	112531	107548	110897	113028	108548	109932	97811	98668	1230353
	RETURNS 2/ CONSUMPTIVE US												
PARKER DAM AND GOVERNMENT CAMP DIVERSION AT PARKER DAM	15	12	21	23	28	34	37	35	28	23	17	16	290
	RETURNS												
	CONSUMPTIVE USE												
COLORADO RIVER INDIAN RESERVATION PUMPED FROM 11 WELLS 4 PUMPS BIG RIVER	0	0	0	0	0	0	0	0	0	0	0	0	0
	DIVERSION 4/ RETURNS												
	CONSUMPTIVE US												
CITY OF WINTERHAVEN 1 WELL SE SE NE SEC 27 T16S R22E SBM	522	134	1108	913	515	856	881	752	574	384	339	343	7320
	RETURNS												
	CONSUMPTIVE USE												
PALO VERDE IRRIGATION DISTRICT DIVERSION FROM PALO VERDE DAM	39170	57400	78400	97800	104500	107200	113600	103100	76930	68440	48870	57600	953010
	RETURNS												
	CONSUMPTIVE US												
YUMA PROJECTS, RES. DIV. INDIAN UNIT DIVERSION AT IMPERIAL DAM	2502	2655	3582	4306	3226	905	2015	1670	2096	4777	3621	1841	33196
	RETURNS												
	CONSUMPTIVE US												
YUMA PROJECTS, RES. DIV. BARD UNIT DIVERSION AT IMPERIAL DAM	2461	2622	3540	4254	3172	891	1982	1643	2044	4645	3498	1769	32521
	RETURNS												
	CONSUMPTIVE US												
RETURNS FROM YUMA PROJECT RESERVATION DIVISION RETURNS SUM YUMA PROJECTS, RES. DIV. USE	3081	3012	3436	3627	3622	3384	3332	3420	2510	4083	4674	3550	41731
	RETURNS												
	CONSUMPTIVE US												
	2016	3398	5239	7592	6456	3094	3251	1859	3378	6487	2530	1216	46516

DIVERSIONS FROM MAINSTREAM-AVAILABLE RETURN FLOW
AND CONSUMPTIVE USE OF SUCH WATER
CALENDAR YEAR 1996
STATE OF CALIFORNIA

FINAL RECORDS 09/05/97

(ACRE-FEET)

WATER USER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL 1/
IMPERIAL IRRIGATION DISTRICT													
DIVERSION AT IMPERIAL DAM	177341	201601	315729	368836	336917	321597	351045	314048	257932	262959	194964	172484	3275453
RETURNS	5678	5370	6892	8318	10606	8981	11712	9618	12061	12329	11776	12503	115844
CONSUMPTIVE US	171663	196231	308837	360518	326311	312616	339333	304430	245871	250630	183188	159981	3159609
COACHELLA VALLEY WATER DISTRICT													
DIVERSION AT IMPERIAL DAM	19176	17936	26678	35711	40654	34032	36429	35770	30568	25652	23558	17664	343828
RETURNS	614	478	582	805	1280	950	1215	1096	1429	1203	1423	1280	12355
CONSUMPTIVE US	18562	17458	26096	34906	39374	33082	35214	34674	29139	24449	22135	16384	331473
OTHER USERS PUMPING FROM COLORADO RIVER AND WELLS IN FLOOD PLAIN DAVIS DAM TO INTERNATIONAL BOUNDARY													
DIVERSION 5/	1849	1613	1982	2506	2986	2509	2477	2350	1769	1551	1174	1184	23950
RETURNS													
CONSUMPTIVE USE													
CALIFORNIA TOTALS													
DIVERSION	324250	369546	536069	627752	611604	585961	627884	577745	484083	482658	376399	354181	5958133
RETURNS	37640	39773	44841	51074	59505	57023	60786	61120	60156	58166	53270	52125	635481
CONSUMPTIVE US	286610	329774	491228	576678	552099	528939	567098	516625	423927	424492	323129	302056	5322652
WATER MANAGEMENT													
ACCT. CREDITS 8/	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL USE	286610	329774	491228	576678	552099	528939	567098	516625	423927	424492	323129	302056	5322652
WATER CONSERVATION PROGRAM													
IMPERIAL I. D./METROPOLITAN W. D. CONSERVED WATER 9/	4172	5065	8045	10131	10131	9237	10131	9237	7747	7151	5661	4172	90880

NOTE: The term 'CONSUMPTIVE USE' in this tabulation means diversions including underground pumping, less measured return flow and less current estimated unmeasured return flow to the river.

- 1/ No surface returns unless shown.
- 2/ Estimate based on measured regulatory reservoirs seepage returns less an estimated amount of phreatophyte use.
- 3/ Returns unassigned include drainage from the Indian Unit and the Bard Unit in the Reservation Division but excludes seepage from the All-American Canal.
- 4/ Calculated using monthly power records.
- 5/ Details on California Supplemental Sheets.
- 6/ Reported annual total only, distributed monthly according to nearby users.
- 7/ Calculated by assuming an annual CU of 6 ac-ft per irrigated acre.
- 8/ PVID/MWD land fallow test program of 0 acres with 4.6 ac-ft/ac of use in 1996. Water is accounted as used in the year saved and less this years diversions of 0 acre-feet is stored for the exclusive future use of MWD and not to be additive to current year MWD diversions. Current total account credits deposited 165978 acre-feet.
- 9/ IID/MWD Water Conservation Program Phase 1 conserved water made available by IID for diversion in current year by MWD.
- 10/ Needles total return estimated as 40% of diversion plus measured returns (unpublished report, Colorado River Board of California).

PUMPAGE FROM COLORADO RIVER
AND WELLS IN FLOOD PLAIN
DAVIS DAM TO INTERNATIONAL BOUNDARY
CALENDAR YEAR 1996
STATE OF CALIFORNIA

FINAL RECORDS 08/15/97 (ACRE-FEET)

WATER USER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL 1/
BLM Permitees	8.0	6.4	11.0	11.9	14.5	17.6	19.2	18.5	14.5	12.2	8.6	8.5	151.0
Ida Cal	0.0	0.0	0.0	27.2	78.3	80.8	80.8	40.3	33.4	15.1	0.0	46.8	402.7
11N/22W -31BAB													
Ida Cal	14.9	67.6	26.1	100.6	137.3	136.2	143.7	130.4	23.9	34.1	30.6	30.6	876
11N/21E -36ADD													
Ida Cal	36.2	34.5	56.1	92.0	17.2	115.3	22.2	1.4	125.7	33.2	42.0	22.6	598.4
11N/21E -36CDA													
Southern Cal Gas	4.5	3.6	6.1	6.6	8.1	9.8	10.7	10.3	8.1	6.8	4.8	4.7	84.0
09N/23E -29DCA 4/													
Havasu Water Company	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0
T5N/R25E SEC31													
SUBTOTALS, DAVIS DAM TO PARKER DAM	63.6	112.1	99.3	238.3	255.4	359.7	276.6	200.9	205.6	101.3	86.0	113.2	2112.1
BLM permittees	23.6	18.9	32.2	34.8	42.5	51.5	56.2	54.1	42.5	35.6	25.3	24.9	441.9
Lye, C. L.	1.6	1.3	2.2	2.4	2.9	3.5	3.8	3.7	2.9	2.4	1.7	1.7	30.0
1S/24E -16Gb 2/4/													
Picacho Development Corp	2.3	8.2	12.6	8.3	10	10.2	10.3	8.5	8.9	11.5	8.1	10.8	109.7
SUBTOTALS, PARKER DAM TO IMPERIAL DAM	27.4	28.3	47.0	45.4	55.4	65.2	70.3	66.3	54.2	49.5	35.1	37.4	581.6
Land, Ralph	23.4	17.8	78.0	75.8	92.0	0.0	0.0	51.2	0.0	46.8	0.0	0.0	385.0
SEC35 T15S R23E DDC 2/4/													
Living Earth Firm	13.0	23.5	19.4	21.9	29.2	30.8	26.7	13.0	12.2	13.8	51.0	29.2	283.7
SEC02 T16S R23E BBC													
Valdez, Mike	59.0	74.6	68.1	125.9	27.9	0.0	72.4	101.4	27.9	17.8	2.2	0.0	578.2
SEC22 T16S R23E BDD													
Power, Pete	108.7	87.1	148.5	160.5	196.2	237.9	259.5	249.7	196.0	164.2	116.7	114.9	2040.0
SEC14 T16S R23E CCB 2/4/													
Harp, P. (R. Harp)	32.0	25.6	43.7	47.2	57.7	70.0	76.3	73.4	57.7	48.3	34.3	33.8	600.0
(C-8-23)13AAD 2/4/													
Horizon Farms	234.0	225.0	284.1	285.2	277.4	154.9	73.5	265.2	179.4	266.3	227.3	255.1	2727.4
(C-8-22) 6CDA													
Horizon Farms	88.4	95.4	152.5	178.3	193.6	103.7	51.5	103.7	29.2	25.1	0.7	9.7	1031.8
(C-8-22) 7BAB													
Horizon Farms	26.7	21.4	36.4	39.3	48.1	58.3	63.6	61.2	48.1	40.3	28.6	28.2	500.0
(C-10-22) 7ADB													
Horizon Farms	26.7	21.4	36.4	39.3	48.1	58.3	63.6	61.2	48.1	40.3	28.6	28.2	500.0
(C-10-22) 6DCB													
Horizon Farms (Barrett)	32.0	25.6	43.7	47.2	57.7	69.9	76.3	73.4	57.7	48.3	34.3	33.8	600.0
(C-8-22) 6BBD 2/4/													
Horizon Farms	46.7	197.8	263.2	268.1	293.8	328.0	344.0	149.7	173.4	94.7	23.7	61.3	2244.4
(C-8-22) 6BCD													
Ed Wavers Farms	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
(C-8-22) 6CBA													
Ed Wavers Farms	179.0	73.8	75.2	107.2	130.9	174.1	171.3	151.1	127.4	52.2	16.0	38.3	1296.5
(C-8-22) 6CBB													
Horizon Farms	13.3	10.7	18.2	19.7	24.0	29.1	31.8	30.6	24.0	20.1	14.3	14.1	250.0
(C-10-22) 9CCA													
Berrymen	28.0	4.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	32.7
(C-16S-23E) 9CCA													
Ed Wavers Farms	0.0	31.6	28.7	8.6	17.2	25.9	94.8	54.6	0.0	0.0	2.9	0.0	264.3
(C-8-22) 1BBA													
Ed Wavers Farms	0.0	25.9	11.5	2.9	2.9	5.7	14.4	5.7	0.0	0.0	0.0	0.0	69.0
(C-8-23) 1BAD													
Living Earth Fm	11.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	27.8
(C-8-23) 2ADC													
Land, K. H.	32.4	32.4	30.7	73.3	93.7	64.7	93.7	90.3	78.4	64.7	102.2	23.8	780.3
(C-8-23) 2DDA													
Wilson Farms	2.2	1.1	1.1	2.2	2.2	2.2	4.5	1.1	39.0	3.3	0.0	0.0	58.9
(C-8-23) 12BBA													
Horizon Farms	29.5	9.2	38.7	16.6	167.9	86.7	73.8	51.7	84.9	241.7	173.4	112.5	1086.6
(C-8-23) 1DCC													
Dees, Alex	65.2	116.2	131.8	196.9	260.7	259.3	300.4	259.3	206.9	151.6	80.8	89.3	2118.4
(C-8-23) 1DAC													
Harp, Robert	9.6	7.7	13.1	14.1	17.3	21.0	22.9	22.0	17.3	14.5	10.3	10.1	180.0
(C-8-23) 12DAC 2/4/													
Horizon Farms	115.9	21.2	71.3	45.7	247.3	149.3	45.7	72.4	18.9	14.5	13.4	10.0	825.6
(C-8-23) 12CDB													
Power, O. L.	87.4	106.8	83.5	126.2	163.1	110.7	122.3	95.1	46.6	1.9	54.4	120.4	1118.4
(C-8-23) 11DCA													
Valdez, Mike	115.9	74.6	112.5	163.8	190.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	657.3
T16S R23E SEC 30ACC													
Valdez, Mike	357.7	125.3	17.4	126.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	627.3
T16S R23E SEC 30ADD													
Unknown, I.D.	12.8	10.2	17.5	18.9	23.1	28.0	30.5	29.4	23.1	19.3	13.7	13.5	240.0
16S-22E 29DAD 2/4/													
Town of Winterhaven	7.1	5.7	9.7	10.5	12.8	15.5	16.9	16.3	12.8	10.7	7.6	7.5	133.0
16S-22E 27DAA 4/													

PUMPAGE FROM COLORADO RIVER
AND WELLS IN FLOOD PLAIN
DAVIS DAM TO INTERNATIONAL BOUNDARY
CALENDAR YEAR 1996
STATE OF CALIFORNIA

FINAL RECORDS 08/15/97

(ACRE-FEET)

WATER USER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL 1/
Wetmore, Kenneth C. 2/3/4/	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Williams, Jerry 3/	0.0	0.1	0.0	0.0	0.1	0.2	0.2	0.2	0.1	0.1	0.1	0.1	1.1
Lindeman, William H. & Hazel D. 3/	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Carney, Jerome D. 3/4/	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Phillips, Dorothy L. 3/4/	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUBTOTALS, BELOW IMPERIAL DAM	1757.6	1472.3	1835.9	2222.2	2675.3	2083.9	2130.4	2082.7	1508.9	1400.5	1053.2	1033.6	21257.7
*** Total California Supplemental ***	1849	1613	1982	2506	2986	2509	2477	2350	1769	1551	1174	1184	23951

1/ Calculated from monthly power records and power-discharge measurements where available, else from power-discharge rate.

2/ Calculated by assuming an annual CU rate of 6 ac-ft per acre.

3/ Location of well/pump not reported.

4/ Reported annual total only, distributed monthly according to nearby users.

DIVERSIONS FROM MAINSTREAM-AVAILABLE RETURN FLOW
AND CONSUMPTIVE USE OF SUCH WATER
CALENDAR YEAR 1996
STATE OF NEVADA

WATER USER	09/05/97	(ACRE-FEET)												TOTAL 1/	
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		
BOULDER CANYON PROJECT DIVERSION AT HOOVER DAM		11	8	10	10	13	14	14	13	10	9	7	7	7	126
ROBERT B. GRIFFITH WATER PROJECT DIVERSION AT SADDLE ISLAND, LAKE MEAD BY USER: BOULDER CITY 4/ LAS VEGAS VALLEY W.D. 4/ HENDERSON 4/ NORTH LAS VEGAS 4/ NELLIS AIR FORCE BASE 4/		21892 380 17872 1665 1836 128	18969 354 15468 1674 1324 148	27096 504 21241 2449 2679 222	30731 642 23356 3186 3273 274	33304 832 24770 3748 3604 351	32665 1004 23926 4168 3151 416	32636 1044 23591 4208 3371 421	32683 1039 23474 4414 3327 429	31978 857 23356 3839 3570 356	31537 735 23928 3216 3384 274	25873 473 20282 2369 2579 170	23983 376 18984 2085 2420 118	23983 376 18984 2085 2420 118	343337 8239 260248 37022 34518 3310
LAKE MEAD NATIONAL RECREATION AREA DIVERSIONS FROM LAKE MEAD		51	49	69	78	96	107	113	115	101	84	70	52	52	985
LAKE MEAD NATIONAL RECREATION AREA DIVERSION FROM LAKE MOHAVE (COTTONWOOD)		25	23	19	20	21	16	24	21	28	16	12	24	24	249
BASIC MANAGEMENT INC. DIVERSION AT SADDLE ISLAND, LAKE MEAD		401	345	362	349	461	418	423	428	437	445	410	509	4988	
CITY OF HENDERSON DIVERSION AT SADDLE ISLAND, LAKE MEAD		840	1015	919	932	1536	1789	1957	1828	1645	1436	1069	876	15842	
NEVADA DEPARTMENT OF FISH & GAME DIVERSION AT SADDLE ISLAND, LAKE MEAD		445	408	393	410	479	469	468	473	459	471	453	467	5395	
CITY OF BOULDER CITY DIVERSION AT HOOVER DAM		444	408	392	408	478	467	466	470	457	469	452	465	5376	
PACIFIC COAST BUILDING PRODUCTS INC. DIVERSION AT GYPSUM WASH, LAKE MEAD		1	0	1	2	1	2	2	3	2	2	1	2	19	
		16	9	14	24	34	36	43	37	24	21	13	8	279	
		61	58	59	60	64	65	65	66	64	66	51	53	732	

DIVERSIONS FROM MAINSTREAM-AVAILABLE RETURN FLOW
AND CONSUMPTIVE USE OF SUCH WATER
CALENDAR YEAR 1996
STATE OF NEVADA

WATER USER	(ACRE-FEET)												
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL 1/
FINAL RECORDS 09/08/97													
SOUTHERN NEVADA WATER AUTHORITY (SCE) PUMPED FROM SEC 24 T32S R66E MDB&M	710	959	911	587	1051	1371	1402	1341	1135	1359	1059	1264	13149
DIVERSION RETURNS													
CONSUMPTIVE USE													
BIG BEND WATER DISTRICT													
DIVERSION SEC 12 T32S R66E MDB&M	340	333	429	444	501	513	567	569	490	439	368	322	5315
RETURNS	75	84	98	88	22	90	78	94	82	91	90	84	976
CONSUMPTIVE US	265	249	331	356	479	423	489	475	408	348	278	238	4339
FORT MOHAVE INDIAN RESERVATION (Av) WATER PUMPED FOR DOMESTIC USE	5	4	7	8	10	12	13	12	10	8	6	6	100
RETURNS	0	0	0	0	0	0	0	0	0	0	0	0	0
CONSUMPTIVE US	5	4	7	8	10	12	13	12	10	8	6	6	100
LAS VEGAS WASH RETURN FLOWS	11679	11105	12298	11001	10667	10116	10155	10095	10663	12070	11819	13240	134908
OTHER USERS PUMPING FROM COLORADO RIVER AND WELLS IN FLOOD PLAIN DAVIS DAM TO CALIFORNIA BOUNDARY	1	0	1	1	1	1	1	1	1	1	1	1	11
DIVERSION 3/ RETURNS													
CONSUMPTIVE USE													
NEVADA TOTALS	24788	22181	30289	33654	37570	37475	37726	37588	36382	35892	29392	27572	390508
DIVERSION RETURNS	12198	11597	12788	11497	11167	10673	10699	10659	11202	12630	12361	13789	141260
CONSUMPTIVE US	12590	10584	17501	22157	26403	26802	27027	26929	25180	23262	17031	13783	249248
GROUNDWATER INJECTED STORAGE 5/													
LAS VEGAS VALLEY WATER DIST.	3095	1198	2119	34	0	0	0	0	0	34	2035	3489	12004
INJECTED													
WITHDRAWN	0	0	0	0	0	0	0	0	0	1625	0	0	1625
CITY OF NORTH LAS VEGAS	203	0	184	145	110	0	0	0	0	111	279	427	1459
INJECTED													
WITHDRAWN	0	0	0	0	0	0	0	0	0	0	0	0	0

NOTE: The term 'CONSUMPTIVE USE' in this tabulation means diversions including underground pumping, less measured return flow and less current estimated unmeasured return flow to the river.

1/ No surface returns unless shown.
 2/ Estimated return based on historic use method adopted by the task force on unmeasured return flows on August 28, 1984 and as revised.
 3/ Details on Nevada Supplemental Sheets.
 4/ User deliveries adjusted by weighted use to equal total diversion at Lake Mead.
 5/ Beginning of year cumulative injected storage of 111,137 AF, plus current year increase in injected storage of 13,463 AF, less current year withdrawals from injected storage of 1,625 AF, yields a year end total of 122,975 AF of injected storage. Current year change in storage is 11,838 AF.
 6/ Estimate based on verbal communication.

PUMPAGE FROM COLORADO RIVER
AND WELLS IN FLOOD PLAIN
DAVIS DAM TO INTERNATIONAL BOUNDARY
CALENDAR YEAR 1996
STATE OF NEVADA

FINAL RECORDS 09/05/97

(ACRE-FEET)

WATER USER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL 1/
Sportsman's Park 2/	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Boy Scouts of America SEC5 T33S R66E 2/ *	0.5	0.4	0.7	0.8	1.0	1.2	1.3	1.2	1.0	0.8	0.6	0.6	10.0
*** Total Nevada Supplemental ***	1	0	1	1	1	1	1	1	1	1	1	1	11

1/ Calculated from monthly power records and power-discharge measurements where available, otherwise from power-discharge rate.

2/ Reported annual total only, distributed monthly according to nearby users.

RECORDS OF RELEASES OF MAINSTREAM WATER PURSUANT TO
ORDERS BUT NOT DIVERTED BY PARTY ORDERING SAME
AND QUANTITY OF SUCH WATER DELIVERED TO MEXICO IN
SATISFACTION OF MEXICAN TREATY OR DIVERTED BY OTHERS

IN ACCORDANCE WITH ARTICLE V(C) OF THE
DECREE OF THE SUPREME COURT OF

THE UNITED STATES IN

ARIZONA v. CALIFORNIA DATED MARCH 9, 1964

CALENDAR YEAR 1996

The following tabulations for calendar year 1996 show records of releases of mainstream water pursuant to orders thereto, but not diverted by the party ordering the same, and the quantity of such water delivered to Mexico in satisfaction of the Mexican Treaty or diverted by others in satisfaction of decreed rights. Also shown are quantities of such rejected water delivered to Mexico in excess of treaty requirements and quantities delivered to storage. The quantities delivered to storage were available to release for future use.

Water ordered but not diverted was analyzed daily for each diverter as the positive difference between the finally approved daily order and the mean daily delivery requested on the day the diversion was made. The monthly quantities shown on the tabulations are the sum of the daily positive quantities. Final approval of daily orders was given in advance of the delivery date by the amount of travel time involved in conveying the water from the storage point to the diversion point on the mainstream. To the extent possible, "water ordered but not diverted" was delivered to others in satisfaction of their rights. The quantities of such deliveries are shown on the tabulation.

Deliveries of water to Mexico in satisfaction of the Mexican Treaty were scheduled based on Mexico's daily orders. Releases from storage were scheduled in sufficient quantities, which when added to return flows, would meet Mexico's daily orders. Deliveries of water to Mexico in satisfaction of the treaty, therefore, were considered to have been made entirely from releases from storage and from return flows scheduled for that purpose and not from water ordered but not diverted by other Colorado River water users. Therefore, the tabulations show no "water ordered but not diverted" as being delivered to Mexico in satisfaction of the treaty.

To date, no daily orders are received for diversion from the Colorado River in Nevada so no sheet is included for Nevada. The storage capacity of Lake Mead is so large in relation to the present daily diversions from the reservoir by Nevada that any "water ordered but not diverted" would be retained for future use and would have no significant effect on scheduling of daily operations of the reservoir.

RELEASE OF MAINSTREAM WATER PURSUANT TO ORDERS
 BUT NOT DIVERTED BY PARTY ORDERING SAME
 AND
 QUANTITY OF SUCH WATER DELIVERED TO MEXICO IN SATISFACTION OF MEXICAN TREATY OR DIVERTED BY OTHERS
 CALENDAR YEAR 1996
 STATE OF ARIZONA

WATER USER	FINAL RECORDS	08/15/97	(ACRE-FEET)												TOTAL
			JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
CENTRAL ARIZONA PROJECT DIVERSION AT LAKE HAVASU	ORDERED BUT NOT DIVERTED DELIVERED TO MEXICO IN SATISFACTION OF TREATY		17450	373	3184	933	2415	3630	214	1838	1611	927	321	3828	36724
	DELIVERED TO STORAGE 2/ DELIVERED TO MEXICO IN EXCESS OF TREATY		17450	373	3184	933	2415	3630	214	1838	1611	927	321	3828	36724
	DIVERTED BY OTHERS		0	0	0	0	0	0	0	0	0	0	0	0	0
COLO. RIVER INDIAN RESERVATION DIVERSION AT HEADGATE ROCK	ORDERED BUT NOT DIVERTED DELIVERED TO MEXICO IN SATISFACTION OF TREATY		934	2188	730	2987	1160	1210	1726	674	377	5046	2850	5409	25291
	DELIVERED TO STORAGE 2/ DELIVERED TO MEXICO IN EXCESS OF TREATY		934	2188	730	2987	1160	1210	1726	674	377	5046	2850	5409	25291
	DIVERTED BY OTHERS		462	1593	593	1531	805	700	1228	478	171	2727	1500	2031	13819
	DELIVERED TO STORAGE 2/ DELIVERED TO MEXICO IN EXCESS OF TREATY		472	595	135	1456	353	510	496	194	206	2317	1351	3376	11461
	DIVERTED BY OTHERS		0	0	2	0	2	0	2	2	0	2	-1	2	11
NORTH GILA VALLEY I.D. DIVERSION AT IMPERIAL DAM	ORDERED BUT NOT DIVERTED DELIVERED TO MEXICO IN SATISFACTION OF TREATY		1747	1851	1505	694	1515	1940	502	785	688	226	365	436	12234
	DELIVERED TO STORAGE 2/ DELIVERED TO MEXICO IN EXCESS OF TREATY		1747	1851	1505	694	1515	1940	502	785	688	226	365	436	12234
	DIVERTED BY OTHERS		833	508	869	335	783	1093	151	520	157	69	56	111	5485
	DELIVERED TO STORAGE 2/ DELIVERED TO MEXICO IN EXCESS OF TREATY		914	1343	637	359	732	847	351	266	512	157	309	325	6752
	DIVERTED BY OTHERS		0	0	-1	0	0	0	0	-1	-1	0	0	0	-3
STURGES (WARREN ACT) GILA PROJECT DISTRICTS DIVERSION AT IMPERIAL DAM 1/	ORDERED BUT NOT DIVERTED DELIVERED TO MEXICO IN SATISFACTION OF TREATY		0	0	0	0	0	0	0	0	0	0	0	0	0
	DELIVERED TO STORAGE 2/ DELIVERED TO MEXICO IN EXCESS OF TREATY		0	0	0	0	0	0	0	0	0	0	0	0	0
	DIVERTED BY OTHERS		0	0	0	0	0	0	0	0	0	0	0	0	0
	DELIVERED TO STORAGE 2/ DELIVERED TO MEXICO IN EXCESS OF TREATY		0	0	0	0	0	0	0	0	0	0	0	0	0
WELLTON-MOHAWK I.& D. DISTRICT DIVERSION AT IMPERIAL DAM	ORDERED BUT NOT DIVERTED DELIVERED TO MEXICO IN SATISFACTION OF TREATY		1989	3582	877	3495	2019	1861	4068	3233	3314	4655	2928	3624	35645
	DELIVERED TO STORAGE 2/ DELIVERED TO MEXICO IN EXCESS OF TREATY		1989	3582	877	3495	2019	1861	4068	3233	3314	4655	2928	3624	35645
	DIVERTED BY OTHERS		276	290	321	752	226	524	1133	545	528	1224	351	468	6638
	DELIVERED TO STORAGE 2/ DELIVERED TO MEXICO IN EXCESS OF TREATY		1714	3293	555	2743	1793	1337	2936	2688	2787	3431	2577	3156	29010
	DIVERTED BY OTHERS		-1	-1	1	0	0	0	-1	0	-1	0	0	0	-3

RELEASE OF MAINSTREAM WATER PURSUANT TO ORDERS
BUT NOT DIVERTED BY PARTY ORDERING SAME
AND
QUANTITY OF SUCH WATER DELIVERED TO MEXICO IN SATISFACTION OF MEXICAN TREATY OR DIVERTED BY OTHERS
CALENDAR YEAR 1996
STATE OF ARIZONA

WATER USER	(ACRE-FEET)												TOTAL			
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC				
FINAL RECORDS 08/15/97																
YUMA IRRIGATION DISTRICT DIVERSION AT IMPERIAL DAM	220	403	182	169	50	182	58	135	432	464	216	353	2864			
ORDERED BUT NOT DIVERTED DELIVERED TO MEXICO IN SATISFACTION OF TREATY																
DIVERTED BY OTHERS	119	44	83	83	22	60	24	77	73	131	48	32	796			
DELIVERED TO STORAGE 2/ DELIVERED TO MEXICO IN EXCESS OF TREATY	101	359	99	85	28	123	34	58	359	333	169	321	2069			
YUMA MESA I. & D. DISTRICT DIVERSION AT IMPERIAL DAM	1807	2350	2029	1960	1682	1226	1525	2309	2176	2095	4326	2870	26355			
ORDERED BUT NOT DIVERTED DELIVERED TO MEXICO IN SATISFACTION OF TREATY																
DIVERTED BY OTHERS	684	200	837	337	639	536	694	694	859	647	1392	661	8180			
DELIVERED TO STORAGE 2/ DELIVERED TO MEXICO IN EXCESS OF TREATY	1123	2150	1192	1623	1043	690	831	1615	1317	1448	2934	2210	18176			
UNIT "B" I. & D. DISTRICT DIVERSION AT IMPERIAL DAM	258	216	169	149	359	161	428	367	367	256	173	290	3193			
ORDERED BUT NOT DIVERTED DELIVERED TO MEXICO IN SATISFACTION OF TREATY																
DIVERTED BY OTHERS	0	0	0	0	0	0	0	0	0	0	0	0	0			
DELIVERED TO STORAGE 2/ DELIVERED TO MEXICO IN EXCESS OF TREATY	202	137	103	137	192	109	246	230	272	123	137	202	2090			
YUMA COUNTY WATER USERS ASSN. DIVERSION AT IMPERIAL DAM	2813	2924	1571	4465	7416	2838	2557	2579	1615	4193	4979	3721	41671			
ORDERED BUT NOT DIVER DELIVERED TO MEXICO IN SATISFACTION OF TREATY																
DIVERTED BY OTHERS	1269	2273	1125	2842	4219	1781	1662	1603	664	1648	2148	1087	22321			
DELIVERED TO STORAGE 2/ DELIVERED TO MEXICO IN EXCESS OF TREATY	1543	651	446	1623	3197	1057	895	976	950	2545	2530	2634	19047			
ARIZONA TOTALS	27218	13887	10247	14852	16616	13048	11078	11920	10560	17862	16158	20531	183977			
ORDERED BUT NOT DIVERTED DELIVERED TO MEXICO IN SATISFACTION OF TREATY																
DIVERTED BY OTHERS	3643	4908	3828	5880	6694	4694	4892	3917	2452	6446	5495	4390	57239			
DELIVERED TO STORAGE 2/ DELIVERED TO MEXICO IN EXCESS OF TREATY	23519	8901	6351	8959	9753	8303	6003	7865	8014	11281	10328	16052	125329			
EXCESS OF TREATY	56	78	68	13	169	51	183	138	94	135	335	89	1409			

1/ No order received.
2/ Available for future use.

RELEASE OF MAINSTREAM WATER PURSUANT TO ORDERS
 BUT NOT DIVERTED BY PARTY ORDERING SAME
 AND
 QUANTITY OF SUCH WATER DELIVERED TO MEXICO IN SATISFACTION OF MEXICAN TREATY OR DIVERTED BY OTHERS
 CALENDAR YEAR 1996

WATER USER	FINAL RECORDS	08/15/97	STATE OF CALIFORNIA												TOTAL
			(ACRE-FEET)												
			JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
METROPOLITAN WATER DISTRICT ORDERED BUT NOT DIVERTED DIVERSION AT LAKE HAVASU DELIVERED TO MEXICO IN SATISFACTION OF TREATY			5485	3312	8019	8006	3330	1261	1701	1229	523	1082	5922	6249	46119
DIVERTED BY OTHERS															
DELIVERED TO STORAGE 1/ DELIVERED TO MEXICO IN EXCESS OF TREATY			5485	3312	8019	8006	3330	1261	1701	1229	523	1082	5922	6249	46119
PALO VERDE IRRIGATION DISTRICT ORDERED BUT NOT DIVERTED DIVERSION AT PALO VERDE DAM DELIVERED TO MEXICO IN SATISFACTION OF TREATY			1035	95	674	1071	982	853	1488	5514	2842	1010	970	1154	17698
DIVERTED BY OTHERS															
DELIVERED TO STORAGE 1/ DELIVERED TO MEXICO IN EXCESS OF TREATY			476	54	480	579	819	286	776	3513	1716	242	244	244	9429
DELIVERED TO STORAGE 1/ DELIVERED TO MEXICO IN EXCESS OF TREATY			557	40	192	490	171	565	710	1999	1125	766	724	908	8247
YUMA PROJECT RESV. DIVISION ORDERED BUT NOT DIVERTED DIVERSION AT IMPERIAL DAM DELIVERED TO MEXICO IN SATISFACTION OF TREATY			3215	1333	458	357	1839	1700	1452	1529	1230	847	3219	3348	20527
DIVERTED BY OTHERS															
DELIVERED TO STORAGE 1/ DELIVERED TO MEXICO IN EXCESS OF TREATY			1777	1014	391	204	1045	1073	902	1184	518	321	1577	1416	11422
DELIVERED TO STORAGE 1/ DELIVERED TO MEXICO IN EXCESS OF TREATY			1436	317	65	151	791	625	547	343	710	524	1640	1930	9079
IMPERIAL IRRIGATION DISTRICT ORDERED BUT NOT DIVERTED DIVERSION AT IMPERIAL DAM DELIVERED TO MEXICO IN SATISFACTION OF TREATY			3562	4076	5312	4568	1025	1458	4481	1535	1041	712	1224	2751	31745
DIVERTED BY OTHERS															
DELIVERED TO STORAGE 1/ DELIVERED TO MEXICO IN EXCESS OF TREATY			1511	2053	3029	1442	532	605	1773	748	516	149	561	573	13492
DELIVERED TO STORAGE 1/ DELIVERED TO MEXICO IN EXCESS OF TREATY			2049	2021	2281	3124	492	851	2705	785	524	561	661	2176	18230
COACHELLA VALLEY WATER DIST. ORDERED BUT NOT DIVERTED DIVERSION AT IMPERIAL DAM DELIVERED TO MEXICO IN SATISFACTION OF TREATY			363	274	77	349	373	716	601	932	785	349	103	575	5497
DIVERTED BY OTHERS															
DELIVERED TO STORAGE 1/ DELIVERED TO MEXICO IN EXCESS OF TREATY			208	194	52	77	161	399	161	585	524	117	42	147	2667
DELIVERED TO STORAGE 1/ DELIVERED TO MEXICO IN EXCESS OF TREATY			153	77	24	270	210	315	438	345	260	230	60	426	2808
EXCESS OF TREATY			2	3	1	2	2	2	2	2	1	2	1	2	22

RELEASE OF MAINSTREAM WATER PURSUANT TO ORDERS
 BUT NOT DIVERTED BY PARTY ORDERING SAME
 AND
 QUANTITY OF SUCH WATER DELIVERED TO MEXICO IN SATISFACTION OF MEXICAN TREATY OR DIVERTED BY OTHERS
 CALENDAR YEAR 1996

STATE OF CALIFORNIA
 (ACRE-FEET)

WATER USER	FINAL RECORDS		STATE OF CALIFORNIA												TOTAL
	08/15/97		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
CALIFORNIA TOTALS		ORDERED BUT NOT DIVERTED	13660	9090	14540	14351	7559	5988	9723	10739	6421	4000	11438	14077	121596
		DELIVERED TO MEXICO IN													
		SATISFACTION OF TREATY													
		DIVERTED BY OTHERS	3972	3315	3952	2302	2557	2363	3612	6030	3274	829	2424	2380	37010
		DELIVERED TO STORAGE 1/	9680	5767	10581	12041	4994	3617	6101	4701	3142	3163	9007	11689	84483
		DELIVERED TO MEXICO IN													
		EXCESS OF TREATY	8	8	7	8	8	8	10	8	5	8	7	8	93

1/ Available for future use.

RECORDS OF DELIVERIES TO MEXICO OF WATER
IN SATISFACTION OF THE TREATY OF FEBRUARY 3, 1944
AND WATER PASSING TO MEXICO IN EXCESS OF
TREATY REQUIREMENTS IN ACCORDANCE WITH

ARTICLE V(D) OF THE DECREE OF
THE SUPREME COURT OF THE UNITED STATES
IN ARIZONA V. CALIFORNIA DATED MARCH 9, 1964

CALENDAR YEAR 1996

DELIVERIES TO MEXICO IN SATISFACTION OF PART III OF 1944 TREATY
AND
WATER PASSING TO MEXICO IN EXCESS OF TREATY REQUIREMENTS
CALENDAR YEAR 1996

08/15/97

FINAL RECORDS

(ACRE-FEET)

WATER USER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
DELIVERY AT NORTH INTERNATIONAL BOUNDARY 1/	92322	137480	176224	159914	170219	174598	140277	100390	79848	47463	54599	55961	1389285
DELIVERY AT SOUTH INT. LAND BOUNDARY	8617	8681	10685	10972	10642	9040	7699	9906	9495	10354	10383	9575	116049
TOTAL DELIVERY IN SATISFACTION OF TREATY	100939	146161	186909	170886	180861	183638	147976	110296	89343	57817	64982	65526	1505334
TO MEXICO AS SCHEDULED	100826	145880	186671	170465	180767	183197	147926	110120	89308	55371	64856	64615	1500002
TO MEXICO IN EXCESS OF SCHEDULE 2/	113	281	238	421	94	441	50	176	35	2446	126	911	5332
BYPASS PURSUANT TO MINUTE 242	13488	12721	12430	12127	10588	8679	6307	3590	8208	9793	7968	6492	112391

1/ Includes wasteway deliveries in satisfaction of treaty to the river limitrophe.

2/ Water that is lost to the United States through releases into the Colorado River at above Morelos Dam in excess of Lower Basin delivery orders and Mexican Treaty requirements. These excess waters exceed water orders in Mexico and are generally not diverted for beneficial use in Mexico.

RECORDS OF DIVERSIONS OF WATER FROM THE
MAINSTREAM OF THE GILA AND SAN FRANCISCO RIVERS
AND THE CONSUMPTIVE USE OF SUCH WATER, FOR THE BENEFIT
OF THE GILA NATIONAL FOREST IN ACCORDANCE WITH
ARTICLE V(E) OF THE DECREE OF
THE SUPREME COURT OF THE UNITED STATES IN
ARIZONA V. CALIFORNIA DATED MARCH 9, 1964

CALENDAR YEAR 1996

DIVERIONS FROM MAINSTREAM OF GILA AND SAN FRANCISCO RIVERS
AND
CONSUMPTIVE USE OF SUCH WATER FOR BENEFIT OF THE GILA NATIONAL FOREST
CALENDAR YEAR 1996

WATER USER	FINAL RECORDS 08/15/97	(ACRE-FEET)														
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL		
GILA RIVER	DIVERSION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	CONSUMPTIVE USE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SAN FRANCISCO RIVER	DIVERSION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	CONSUMPTIVE USE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0