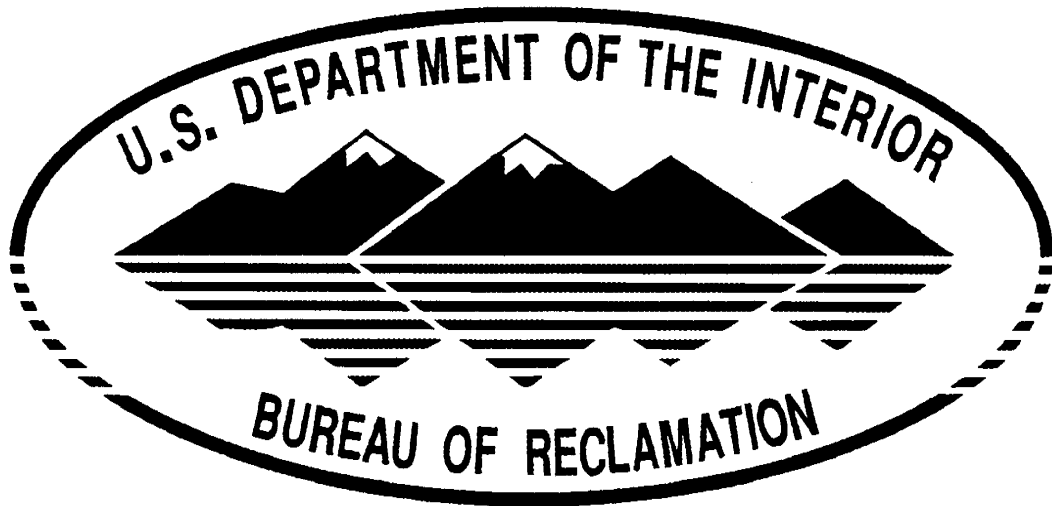
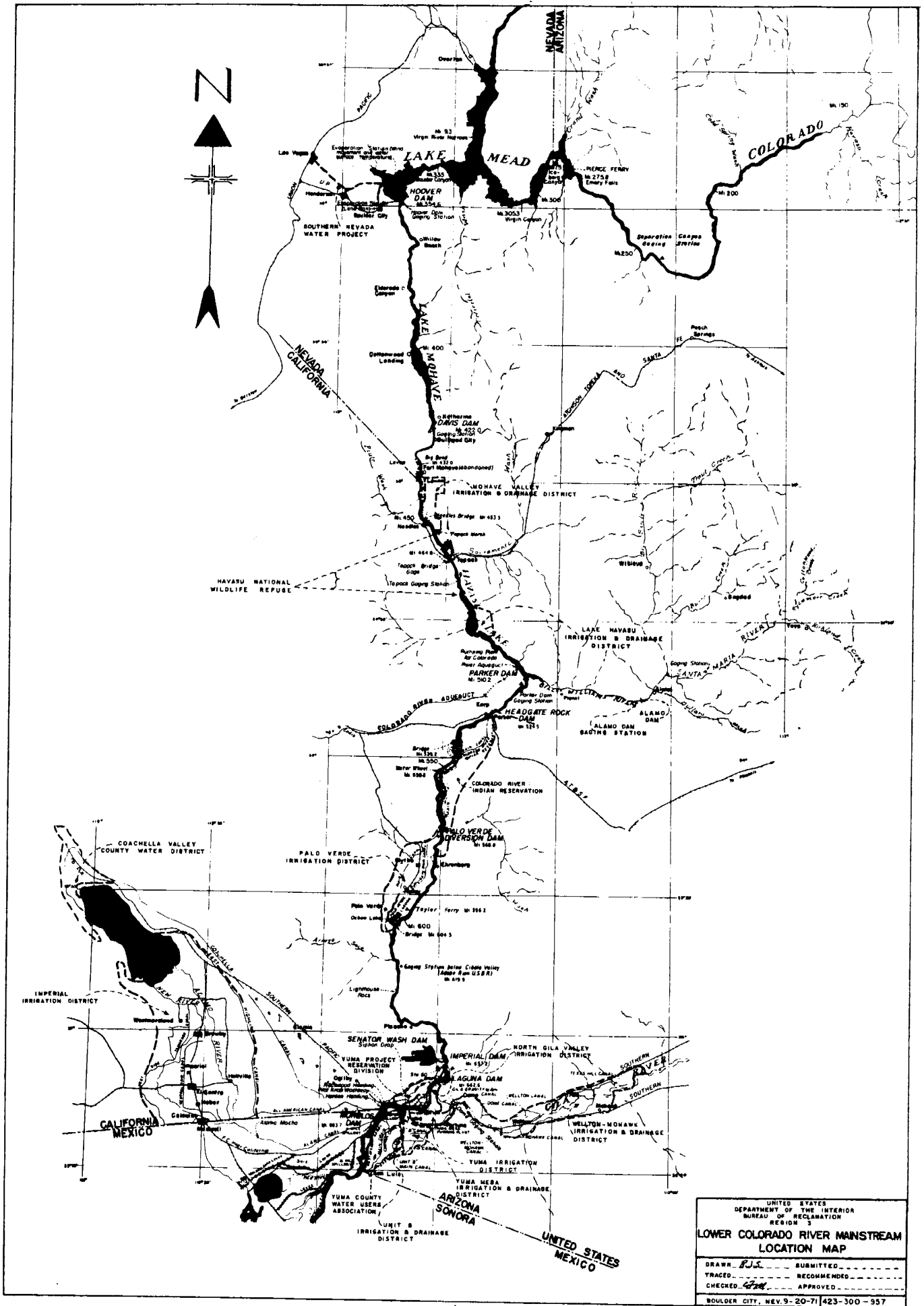


COMPILATION OF RECORDS IN  
ACCORDANCE WITH ARTICLE V OF THE  
DECREE OF THE SUPREME COURT OF  
THE UNITED STATES IN  
ARIZONA v. CALIFORNIA DATED MARCH 9, 1964

CALENDAR YEAR 1997



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 *W.H.* RECOMMENDED  
 CHECKED *W.H.* APPROVED  
 BOULDER CITY, NEV. 9-20-71 423-300-957

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CALENDAR YEAR 1997

01/13/99

(THOUSAND ACRE- FEET)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
<b>WATER USE SUMMARY</b>													
ARIZONA	194.4	260.4	287.6	303.5	367.1	273.2	235.4	200.8	117.8	195.3	236.0	182.5	2853.9
CALIFORNIA	256.6	337.5	494.8	554.7	562.3	547.0	582.2	549.3	386.1	398.0	327.9	253.6	5250.1
NEVADA	14.6	12.2	18.7	19.2	27.7	30.0	27.0	25.2	17.4	22.3	13.6	14.9	242.8
STATES SUBTOTAL	465.6	610.2	801.1	877.4	957.0	850.1	844.6	775.3	521.3	615.6	577.6	451.0	8346.8
UNMEASURED RETURNS 1/	-13.1	-10.5	-17.9	-19.3	-23.6	-28.6	-31.3	-30.1	-23.6	-19.8	-14.1	-13.8	-245.9
TOTAL STATES 2/	452.5	599.7	783.2	858.1	933.4	821.5	813.4	745.2	497.7	595.8	563.5	437.2	8100.9
MEXICO IN SATISFACTION OF TREATY 2/	224.8	382.4	336.2	220.0	189.1	158.1	193.8	343.6	404.9	135.9	140.3	143.5	2872.5
MEXICO BYPASS PURSUANT TO MINUTE 242	6.8	8.3	10.2	8.4	10.6	10.2	8.2	6.0	1.4	5.8	3.4	9.9	89.2
USE TOTAL	697.2	1000.9	1147.5	1105.8	1156.7	1018.4	1046.6	1124.8	927.6	757.3	721.3	604.5	11308.4
<b>END OF MONTH ACTIVE CONTENTS:</b>													
<b>LAKE POWELL</b>													
LAKE MEAD	19991	19321	18918	19108	21090	23384	23293	22892	22802	22554	22123	21595	
LAKE MOHAVE	22288	22414	22786	22917	22910	23254	23426	23577	23769	24343	24822	25105	
LAKE HAVASU	1672	1683	1727	1714	1743	1703	1693	1636	1674	1491	1474	1693	
LOWER BASIN TOTAL STORAGE	564	586	550	580	609	593	589	578	580	552	563	598	
TOTAL USE	24524	24683	25063	25211	25262	25550	25708	25791	26023	26386	26859	27396	
<b>USE ABOVE HOOVER DAM:</b>													
ARIZONA	0.009	0.012	0.012	0.019	0.017	0.017	0.018	0.018	0.015	0.016	0.008	0.005	0.166
NEVADA	13.219	11.140	17.413	18.441	25.943	28.543	25.531	23.673	15.771	20.947	12.271	14.009	227.001
TOTAL USE	13.228	11.152	17.425	18.460	25.960	28.660	25.549	23.691	15.786	20.963	12.279	14.014	227.167
<b>USE BELOW PARKER DAM:</b>													
ARIZONA	28.5	84.7	113.0	133.4	166.9	159.5	171.9	146.5	90.4	95.7	57.2	23.7	1271.3
CALIFORNIA	171.5	264.7	382.8	444.1	446.2	434.9	466.1	433.6	275.2	282.5	219.6	154.7	3975.9
MEXICO	231.6	390.7	346.4	228.4	199.7	168.3	201.9	349.6	406.3	141.6	143.7	153.4	2961.6
TOTAL USE	431.7	740.1	842.2	805.9	812.8	762.7	840.0	929.7	771.8	519.8	420.4	331.8	8208.8

1/ Estimated total unmeasured return 245,871 acre-feet reduces total Lower Basin use. Estimated unmeasured return by state is 156,912 af in Arizona, 88,227 af in California, and 732 af in Nevada.

2/ The 1997 Annual Operating Plan designated 1997 as a surplus water year, including 200,000 acre-feet of surplus to Mexico.

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 1997

The following tabulations for calendar year 1997 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 1997

STRUCTURE	(THOUSAND ACRE-FEET)												TOTAL
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
GLEN CANYON DAM	1072.0	1238.0	1532.0	1302.0	1290.0	1485.0	1322.0	1261.0	1136.0	1179.0	1190.0	1239.0	15246.0
HOOVER DAM	883.8	1051.0	1173.0	1150.0	1237.0	1010.0	1068.0	1097.0	914.2	523.3	675.5	886.3	11669.1
DAVIS DAM	768.7	1049.0	1117.0	1167.0	1216.0	1061.0	1085.0	1168.0	877.4	707.2	686.7	624.4	11527.4
PARKER DAM	484.3	762.7	855.3	837.8	853.7	836.0	908.2	995.1	742.6	504.7	386.3	304.3	8471.0
HEADGATE ROCK DAM 1/	476.6	720.0	799.7	778.5	777.9	759.6	826.3	921.6	692.4	466.2	357.7	278.1	7854.6
PALO VERDE DAM	418.4	671.8	741.0	697.0	689.7	662.0	719.8	808.5	657.4	432.1	359.5	272.6	7129.8
IMPERIAL DAM	22.3	20.2	23.4	34.3	26.1	27.2	22.9	31.2	88.8	34.5	23.0	18.8	372.7
DIVERSION TO MITTRY LAKE FROM GILLA MAIN CANAL	0.9	0.8	0.9	0.9	0.9	0.8	0.9	0.9	0.8	0.8	0.9	0.9	10.4
SUM IMPERIAL DAM + DIVERSION TO MITTRY LAKE	23.2	20.9	24.4	35.2	27.0	28.1	23.8	32.1	89.6	35.3	23.9	19.7	383.0
LAGUNA DAM	22.5	24.8	29.7	43.4	31.2	37.7	38.8	51.3	91.4	30.8	24.4	20.2	446.1

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 1997

The following tabulations for calendar year 1997 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 one of two methods: (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.

Consumptive use estimates for individual diverters may be over or under estimated. Reclamation is continuing the development of the Lower Colorado River Accounting System to refine estimates of consumptive use.

Tabulations for calendar year 1997 do include acceptable determinations of the unmeasured Colorado River return flows to Lake Mead from Las Vegas Wash which accrue to 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.

DIVERSTIONS FROM MAINSTREAM-AVAILABLE RETURN FLOW  
AND CONSUMPTIVE USE OF SUCH WATER  
CALENDAR YEAR 1997  
STATE OF ARIZONA

WATER USER	(ACRE- FEET)												DEC TOTAL 1/
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
LAKE MEAD NAT'L RECREATION, AZ. DIVERSTIONS FROM LAKE MEAD (TEMPLE BAR)	9	12	12	19	17	17	18	18	15	16	8	5	166
LAKE MEAD NAT'L RECREATION, AZ. DIVERSTIONS FROM LAKE MOHAVE (KATHERINE, WILLOW BEACH)	13	13	23	27	34	37	39	35	36	46	26	26	355
L.C.R.D. PROJECT (DAVIS DAM) DIVERSTION AT DAVIS DAM	4	6	6	5	5	2	3	3	3	2	2	2	43
BULLHEAD CITY PUMPED FROM WELLS	4	6	6	5	5	2	3	3	3	2	2	2	43
DIV. AT DAVIS DAM, MOHAVE CO. PARKS	0	0	0	0	0	0	0	0	0	0	0	0	0
MOHAVE WATER CONSERVATION PUMPED FROM WELLS	447	408	518	598	819	730	797	805	719	645	512	618	7616
BROOKE WATER, (WAS CONSOLIDATED W U) PUMPED FROM RIVER	2	1	7	10	13	13	14	13	8	5	5	3	94
MOHAVE VALLEY I. & D. DISTRICT PUMPED FROM WELLS	449	409	525	608	832	743	811	818	727	650	517	621	7710
FORT MOHAVE INDIAN RESERVATION 6 PUMPS AND WELLS IN FLOOD PLAIN	37	30	50	54	67	81	88	85	67	56	39	38	692
GOLDEN SHORES WATER CONSERVATION DIST PUMPED FROM WELLS	25	24	31	31	43	39	45	44	36	32	28	25	403
HAVASU NATIONAL WILDLIFE REFUGE INLET-NW NE NW SEC 33 T9N R55W G&SRM WELL 8N/23E-15Aa (TOPOCK MARSH)	1099	2301	4168	4515	4487	5713	6082	5466	2793	2896	2016	1064	42600
LAKE HAVASU CITY (L.H.I.D.) DISTRICT PUMPED FROM WELLS	1040	1932	5602	5496	8211	10555	11118	8915	7069	4266	4395	1367	69967
CENTRAL ARIZONA PROJECT PUMPED FROM LAKE HAVASU	28	23	39	42	51	62	68	65	51	43	30	30	532
	241	7090	5880	4691	4899	8500	8208	7510	3920	3890	2924	329	58082
	10	8	13	14	17	21	23	22	17	14	10	10	180
	0	81	4120	3740	3430	3290	2670	3460	2070	0	0	4590	27451
	251	7017	1773	965	1486	5231	5561	4072	1867	3904	2934	-4251	30811
	907	830	1076	1105	1436	1487	1626	1504	1290	1253	973	1525	15012
	161966	163132	161224	157190	183450	89662	38007	33214	13470	86466	167848	158301	1413930

DIVERIONS FROM MAINSTREAM-AVAILABLE RETURN FLOW  
AND CONSUMPTIVE USE OF SUCH WATER  
CALENDAR YEAR 1997  
STATE OF ARIZONA

WATER USER	(ACRE- FEET)											
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC TOTAL 1/
01/13/99												
TOWN OF PARKER PUMPED FROM RIVER												
1 WELL-NW NW SEC 7 T9N R19W G&SRM	0	0	0	0	0	0	0	0	0	0	0	0
	49	52	77	84	84	108	113	106	84	172	54	47
CONSUMPTIVE USE	0	0	0	0	0	0	0	0	0	0	0	0
	49	52	77	84	84	108	113	106	84	172	54	47
	1031											1031
COLORADO RIVER INDIAN RESERVATION DIVERION AT HEADGATE ROCK DAM												
1 PUMP FROM RIVER (B-04-22)14 bbd	7720	42700	55570	59260	75820	76440	81880	73480	50230	38460	28580	26240
	1077	555	879	1069	1368	2058	1995	2320	2082	942	259	472
CONSUMPTIVE USE	12526	13878	18613	20167	21886	23095	23926	24894	22626	19955	18429	18940
	-3729	29377	37836	40162	55502	55403	59949	50906	29686	19447	10410	7772
	392723											392723
EHRENBURG IMPROVEMENT ASSN. 1 PUMP SW SEC 3 T3N R22W G&SRM	29	28	37	38	41	51	58	57	47	36	46	31
	499											499
CIBOLA VALLEY IRRIGATION DISTRICT 5 PUMPS SEC'S 20, 21 & 26T1N R23W	411	3001	1671	2823	4005	4470	5059	4535	2137	1275	714	782
	30883											30883
CIBOLA NATIONAL WILDLIFE REFUGE 4 PUMPS, SEC 2 AND 31	625	327	563	1384	1085	1827	1798	1778	1735	1555	1583	814
	15075											15075
IMPERIAL NATIONAL WILDLIFE REFUGE 2 WELLS SEC 13 T5S R22W G&SRM	426	342	582	629	769	932	1017	978	769	644	458	450
	8000											8000
YUMA PROVING GROUND DIVERION AT IMPERIAL DAM WELLS X,Y,M	0	0	0	0	2	0	0	0	0	0	0	0
	2											2
CONSUMPTIVE USE	27	30	87	122	126	151	167	145	88	30	36	28
	1037											1037
STURGES DIVERION AT IMPERIAL DAM	0	0	0	0	0	0	0	0	0	0	0	0
	0											0
CONSUMPTIVE USE	27	30	87	122	128	151	167	145	88	30	36	28
	1039											1039
WELLTON MOHAWK I. & D. DISTRICT DIVERION AT IMPERIAL DAM	220	424	601	719	844	739	712	1137	748	591	789	480
	8004											8004
CONSUMPTIVE USE	-4	9	15	-21	-16	40	-49	-45	55	-8	28	39
	43											43
	224	415	586	740	860	699	761	1182	693	599	761	441
	7961											7961
CITY OF YUMA DIVERION AT IMPERIAL DAM (AAC) DIVERION AT IMPERIAL DAM (GILA)	16499	27704	37383	38564	52362	55104	48976	39040	31655	28997	23236	15670
	415190											415190
CONSUMPTIVE USE	-352	625	1060	-1240	-1088	3334	-3818	-1756	2614	-468	920	1400
	1231											1231
CONSUMPTIVE USE	1105	1013	1176	632	562	228	305	180	513	1121	1240	1670
	9745											9745
CONSUMPTIVE USE	6460	7900	8980	8320	10750	10550	7770	6090	5770	6500	6310	6300
	91700											91700
CONSUMPTIVE USE	7213	9538	11216	7712	10224	14112	4257	4514	8897	7153	8470	9370
	102676											102676
	9286	18166	26167	30852	42138	40992	44719	34526	22758	21844	14766	6300
	312514											312514
DIVERION AT IMPERIAL DAM (AAC) DIVERION AT IMPERIAL DAM (GILA)	1814	1691	2091	1990	2606	2669	2836	3061	2465	2787	2072	1968
	28050											28050
CONSUMPTIVE USE	0	0	0	0	0	0	0	0	0	0	0	0
	0											0
CONSUMPTIVE USE	811	723	801	728	777	818	908	921	1058	1425	1002	1109
	11081											11081
CONSUMPTIVE USE	1003	968	1290	1262	1829	1851	1928	2140	1407	1362	1070	859
	16969											16969
MARINE CORPS AIR STATION (YUMA) DIVERION AT IMPERIAL DAM	84	100	162	185	239	256	287	277	218	155	102	58
	2123											2123
CONSUMPTIVE USE												

DIVERSIONS FROM MAINSTREAM-AVAILABLE RETURN FLOW  
AND CONSUMPTIVE USE OF SUCH WATER  
CALENDAR YEAR 1997  
STATE OF ARIZONA

01/13/99

(ACRE- FEET)

WATER USER	(ACRE- FEET)												
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL 1/
SOUTHERN PACIFIC COMPANY DIVERSION AT IMPERIAL DAM	4	4	4	4	4	4	4	4	4	4	4	4	48
YUMA MESA FRUIT GROWERS ASSN. DIVERSION AT IMPERIAL DAM	1	1	1	1	1	1	1	1	1	1	1	1	12
UNIVERSITY OF ARIZONA DIVERSION AT IMPERIAL DAM	61	86	98	93	99	119	173	100	113	96	94	68	1200
YUMA UNION HIGH SCHOOL DIVERSION AT IMPERIAL DAM	4	6	11	12	22	28	28	34	13	20	14	8	200
CAMILLE, ALEC. JR. DIVERSION AT IMPERIAL DAM	0	2	2	5	4	5	2	5	2	2	0	0	29
DESERT LAWN MEMORIAL DIVERSION AT IMPERIAL DAM	0	0	0	0	0	0	0	0	2	0	0	0	2
NORTH GILA VALLEY IRRIGATION DISTRICT DIVERSION AT IMPERIAL DAM 7/	2366	3501	4897	5095	7554	6059	4184	2778	2821	5511	3007	2070	49843
YUMA IRRIGATION DISTRICT DIVERSION AT IMPERIAL DAM 7/ PUMPED FROM PRIVATE WELLS	1446	1879	2739	2568	3757	3615	2304	1748	2079	3150	2199	1760	29244
YUMA MESA I. & D. DISTRICT DIVERSION AT IMPERIAL DAM 7/	920	1622	2158	2527	3797	2444	1880	1030	742	2361	808	310	20599
UNIT "B" I. & D. DISTRICT DIVERSION AT IMPERIAL DAM 7/7E/	2549	4078	6149	6438	5752	5695	3438	4149	6202	6528	4230	2122	57330
YUMA COUNTY WATER USERS ASSOCIATION DIVERSION AT IMPERIAL DAM PUMPED FROM WELLS 7E/	609	601	611	580	581	576	494	573	498	454	73	64	5714
COCOPAH INDIAN RESERVATION DIVERSION AT IMPERIAL DAM PUMPED FROM WELLS, WEST COCOPAH	635	995	1357	941	985	1611	471	717	1855	1008	959	635	12169
	2523	3684	5403	6077	5348	4660	3461	4005	4845	5974	3344	1551	50875
	9079	10800	16591	18981	24851	28671	25863	25612	17152	19011	12455	6168	215234
	1669	2424	3224	1758	1791	4559	-579	752	3521	1428	2929	3402	26878
	7410	8376	13367	17223	23060	24112	26442	24860	13631	17583	9526	2766	188356
	1041	1582	1997	2471	2761	3462	3279	3293	1690	1973	1597	850	25996
	311	418	533	350	363	675	40	210	474	283	485	572	4714
	730	1164	1464	2121	2398	2787	3239	3083	1216	1690	1112	278	21282
	18769	27104	33204	39305	37090	28285	29691	26281	19988	37106	27661	15815	340299
	327	315	441	448	415	394	402	409	427	514	459	435	4986
	9044	8191	9454	10793	10413	9278	8628	8811	8609	13871	13598	11889	122579
	10052	19228	24191	28960	27092	19401	21465	17879	11806	23749	14522	4361	222706
	88	120	74	134	138	202	610	171	143	41	54	248	2023
	2	1	1	2	2	3	8	3	3	1	1	7	34
	453	719	756	700	746	685	650	754	568	341	309	151	6831
	2	1	0	2	1	4	5	2	2	2	2	11	34
	541	839	831	834	885	886	1263	926	712	381	362	395	8854

DIVERSTIONS FROM MAINSTREAM-AVAILABLE RETURN FLOW  
AND CONSUMPTIVE USE OF SUCH WATER  
CALENDAR YEAR 1997  
STATE OF ARIZONA

01/13/99

(ACRE- FEET)

WATER USER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL 1/
DIVERSION FROM WELLS	52	41	70	76	93	113	123	118	93	78	55	54	968
RETURNS	0	0	0	0	0	0	0	0	0	0	0	0	0
CONSUMPTIVE USE	52	41	70	76	93	113	123	118	93	78	55	54	968
PUMPED FROM SOUTH GILA WELLS (DPOC'S)	6274	5408	6274	5835	5868	5521	5714	5938	4986	5668	4794	5399	67679
OTHER USERS PUMPING FROM COLORADO RIVER AND WELLS IN FLOOD PLAIN DAVIS DAM TO INTERNATIONAL BOUNDARY	4103	2233	2673	3043	3341	3744	3725	3798	2586	2303	2146	1750	35444
RETURNS													
CONSUMPTIVE USE													
ARIZONA TOTALS	234316	303957	345934	358052	426554	339771	283709	252696	174059	249259	288905	240200	3497412
RETURNS	39931	43551	58352	54578	59484	66620	48298	51925	56235	53937	52897	57718	643526
CONSUMPTIVE USE	194385	260406	287582	303474	367070	273151	235411	200771	117824	195322	236008	182482	2853886

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 diversion 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. Includes quantities of drainage from Yuma Mesa, Unit B, as well as from South Gila Valley.
- 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)

Item	-----
Diversion at Imperial Dam A/	322407
Pumped from Wells	5714
Surface returns from South Gila Valley (S.Gila Canal Wasteway)	3500 *
Return flow North Gila Valley (6 drains & wasteways)	10162 *
Return flow South Gila Valley Wells (DPOC's)	67679
Return flow Yuma Mesa Outlet Drain B/	26639 *
Return flow protective and regulatory pumping unit C/	382 *
Estimated unmeasured groundwater return flow D/	26967
Return flow share of Gila Main Canal loss E/	642 *
Subtotal return flow F/	135970
Consumptive Use (see note above)	192151
(A) Total for the North Gila Valley, The Yuma Irrigation and the Yuma Mesa Irrigation and Drainage Districts, and 'Unit B'.	
(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	

DIVERIONS FROM MAINSTREAM-AVAILABLE RETURN FLOW  
AND CONSUMPTIVE USE OF SUCH WATER  
CALENDAR YEAR 1997  
STATE OF ARIZONA

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WATER USER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL 1/
<p>Cocopah Indian Reservation and in the YCWA area, and by some of the surface drains in the YCWA area. Efforts will be made to at least quantify these return flows within broad limits by respective water user entities in future years.</p> <p>8/ Diversion adjusted for delivery to Mohave Valley I. D. D. (Chesney).</p> <p>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. For 1997, the MOD return flow was reduced to 91,700 acft as a demonstration project and consumptive use entitlement includes up to an additional 45,000 acft of surplus water.</p> <p>10/ CRIR includes 1 river pump and non-taxable tribal useage delivered by the Town of Parker.</p>													



PUMPAGE FROM COLORADO RIVER  
AND HELLS IN FLOOD PLAIN  
LEES FERRY TO INTERNATIONAL BOUNDARY  
CALENDAR YEAR 1997  
STATE OF ARIZONA

01/13/99

(ACRE-FEET)

WATER USER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL 1/
Marble Canyon Company	0.7	0.9	1.4	1.2	1.6	2.1	2.2	2	1.5	1.6	1.1	0.8	17.1
SUBTOTALS, LEES FERRY TO HOOVER DAM	0.7	0.9	1.4	1.2	1.6	2.1	2.2	2	1.5	1.6	1.1	0.8	17.1
Crystal Beach Water C.D. T14N/R20W SEC 7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.5
Havasu Water Co. of AZ (Citizens Utilities)	23.0	26.0	33.0	28.0	33.0	39.0	43.0	22.0	50.0	32.0	32.0	28.0	389.0
SUBTOTALS, DAVIS DAM TO PARKER DAM	23.0	26.0	33.0	28.0	33.0	39.0	43.0	22.0	50.0	32.0	32.0	28.0	396.5
Hillcrest Water Co.	1.3	1.2	1.5	1.8	2.2	2.4	2.7	2.1	2.2	1.5	1.8	1.3	22.0
Rayner, Jack Jr.	140.8	24.6	219.7	584.6	337.7	565.1	771.2	499.7	254.5	67.9	195.1	202.8	3863.7
Rayner, Jack Jr.	2.1	0.3	0.6	69.0	1.2	1.8	2.1	1.8	1.2	0.2	0.2	0.1	80.6
Arakelian, George	0.0	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	173.5	212.2	257.2	280.6	270.0	212.2	177.7	126.3	124.3	2208.0
BLM Permits(LHFO&YFO)	44.2	44.4	43.9	72.9	96.7	88.9	109.6	112.6	83.8	90.6	59.4	65.6	912.6
SUBTOTALS, PARKER DAM TO IMPERIAL DAM	306.1	164.7	426.4	901.8	650.0	915.5	1166.2	886.3	553.9	338.0	382.8	394.1	7086.9
Pratt, L.	19.2	15.4	26.2	28.3	34.6	41.9	45.8	44.0	34.6	29.0	20.6	20.3	360.0
Dulin, A.	8.3	15.2	5.2	5.6	45.7	56.0	36.4	18.3	0.0	8.0	7.3	0.0	206.0
Dulin, A.	21.5	79.4	16.1	18.6	146.8	135.8	100.0	54.9	6.2	165.5	214.9	38.7	998.4
Glen Curtis Cit	4.8	30.6	65.7	147.3	183.4	0.2	13.7	2.3	2.0	99.2	0.9	0.0	550.1
Glen Curtis Cit	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Glen Curtis Cit	105.5	84.5	144.1	155.6	190.3	230.7	251.7	242.2	190.3	159.4	113.3	111.5	1980.0
Glen Curtis Cit	286.5	341.6	251.8	0.0	210.2	545.9	376.5	652.2	235.3	172.1	177.2	111.2	3360.5
Glen Curtis Cit	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
Yowelman, R.	51.2	41.0	69.9	75.5	92.3	111.8	122.0	117.4	92.3	77.3	54.9	54.0	960.0
Cameron Bros.	240.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	240.7
Ott, Judd T.	164.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	164.5
Ott, Judd T.	568.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	568.2
Cameron Bros	308.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	308.3
Ogram, George	419.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	419.4
Peach	19.6	19.2	57.3	41.4	23.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	160.7
Ogram, George	537.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	537.7
Yucca Pwr Plant	36.2	29.0	49.5	53.4	65.3	79.2	86.4	83.2	65.3	54.7	38.9	38.3	680.0
Texas Hill Farm	1.2	13.9	9.0	31.6	11.2	9.1	9.8	10.1	9.4	11.2	5.0	1.8	123.3
Curry Family LTD	6.4	61.4	3.9	9.6	25.8	22.5	19.9	3.5	0.0	0.0	0.0	0.0	153.0
Power, R.E. & P.	151.9	121.7	207.5	224.0	273.9	332.0	362.2	348.6	273.9	229.4	163.0	160.5	2850.0
Hall, Ansil	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
Burrell	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
Cocopah Bend RV	18.1	14.5	24.8	27.6	32.7	39.6	43.2	41.6	32.7	27.4	19.4	19.1	340.0
Huerta Packing	60.6	57.3	54.8	118.5	130.6	182.1	158.8	203.1	241.0	74.1	141.3	3.7	1425.9
Huerta Packing	47.7	117.8	84.0	98.9	56.4	0.0	0.0	65.4	23.3	102.9	59.5	20.5	676.4
Farmland Mgmt	0.0	1.7	24.9	24.5	26.0	39.1	4.5	11.4	2.2	7.7	10.3	15.6	167.9
Farmland Mgmt	0.0	6.1	69.0	66.9	68.1	103.3	11.1	29.6	5.6	20.9	32.0	43.3	455.9
Farmland Mgmt	3.6	40.9	38.9	39.2	59.2	6.6	17.2	2.7	8.7	22.1	25.1	7.2	271.4
Waymon Farms	169.9	202.0	166.7	202.0	110.6	115.4	67.3	142.7	121.0	134.7	172.3	109.0	1713.6
Waymon Farms	108.4	99.9	137.7	127.0	156.3	86.7	89.5	51.5	68.2	58.4	69.4	96.0	1129.0
W. Brand-D. Donnelly	33.6	26.9	45.9	49.5	60.5	73.4	80.1	77.0	60.5	30.7	36.0	35.5	630.0
J W Cumings	38.9	143.7	142.6	134.7	60.3	0.8	24.9	112.3	27.0	67.6	85.8	68.5	907.1
P. Sibley	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 Cumings	18.1	43.7	51.0	42.5	60.3	39.0	20.4	38.1	64.6	33.2	0.0	0.0	410.9
C & J Cummings	25.6	20.5	34.9	37.7	46.1	55.9	61.0	58.7	46.1	33.6	27.5	27.0	480.0

PUMPAGE FROM COLORADO RIVER  
AND WELLS IN FLOOD PLAIN  
LEES FERRY TO INTERNATIONAL BOUNDARY  
CALENDAR YEAR 1997  
STATE OF ARIZONA

01/13/99

		(ACRE - FEET)												
WATER USER		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL 1/
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) 28BA	44.8	50.3	121.0	66.0	118.6	47.8	49.6	32.8	47.6	36.1	63.0	48.4	726.0
Hughes, Earl	(C-11-25) 3DAC	113.9	219.3	65.0	23.0	44.4	40.5	34.0	32.6	0.0	0.4	0.4	100.5	674.0
SUBTOTALS, BELOW IMPERIAL DAM		3773.5	2041.1	2212.1	2112.4	2655.9	2787.1	2513.3	2887.3	1980.9	1931.3	1730.3	1319.8	27950.9
*** Total Arizona Supplemental ***		4103	2233	2673	3043	3341	3744	3725	3798	2586	2303	2146	1750	35444

1/ Calculated from monthly power records and power-discharge measurements where available, else from power-discharge rate.  
2/ Calculated by assuming an annual diversion rate of 6 ac-ft per acre.  
3/ Reported annual total only, distributed monthly according to nearby users.

DIVERIONS FROM MAINSTREAM-AVAILABLE RETURN FLOW  
AND CONSUMPTIVE USE OF SUCH WATER  
CALENDAR YEAR 1997  
STATE OF CALIFORNIA

WATER USER	(ACRE - FEET)												DEC TOTAL 1/
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
01/13/99													
FORT MOHAVE INDIAN RESERVATION PUMPED FROM RIVER AND WELLS	808	1236	2130	2804	3232	3758	3506	3152	1249	2728	1717	920	27241
CITY OF NEEDLES 4 WELLS NW SW SEC 29 T9N R23E SBM	151	121	206	223	272	331	361	347	272	228	162	159	2833
CHEMEHUEVI INDIAN RESERVATION DIVERSION FROM RIVER AND WELLS	77	61	105	113	138	167	183	176	138	116	82	81	1437
METROPOLITAN WATER DISTRICT DIVERSION FROM LAKE HAVASU	74	60	101	110	134	164	178	171	134	112	80	78	1396
PARKER DAM AND GOVERNMENT CAMP DIVERSION AT PARKER DAM	8	15	23	25	30	33	33	30	20	15	10	10	252
COLORADO RIVER INDIAN RESERVATION PUMPED FROM 11 PUMPS AND WELLS 4 PUMPS BIG RIVER	84340	71401	109542	107354	111957	107547	111903	111843	109305	112531	106152	97946	1241821
CITY OF WINTERHAVEN 1 WELL SE SE NE SEC 27 T16S R22E SBM	293	266	292	259	268	259	268	241	237	252	254	272	3161
PALO VERDE IRRIGATION DISTRICT DIVERSION FROM PALO VERDE DAM	84047	71135	109250	107095	111689	107288	111635	111602	109068	112279	105898	97674	1238660
YUMA PROJECTS, RES. DIV. INDIAN UNIT DIVERSION AT IMPERIAL DAM	10	8	14	15	18	22	24	23	18	15	11	11	189
YUMA PROJECTS, RES. DIV. BARD UNIT DIVERSION AT IMPERIAL DAM	0	0	0	0	0	0	0	0	0	0	0	0	0
RETURNS FROM YUMA PROJECT RESERVATION DIVISION RETURNS SUM YUMA PROJECTS, RES. DIV. USE	84	228	397	385	659	651	555	556	263	243	388	88	4496
IMPERIAL IRRIGATION DISTRICT DIVERSION AT IMPERIAL DAM	7	6	9	10	12	15	17	16	12	10	7	7	130
RETURNS FROM YUMA PROJECT RESERVATION DIVISION RETURNS SUM YUMA PROJECTS, RES. DIV. USE	32700	58990	75330	84360	105000	107300	108500	110100	74250	67120	49460	44410	917520
RETURNS FROM YUMA PROJECT RESERVATION DIVISION RETURNS SUM YUMA PROJECTS, RES. DIV. USE	26388	30597	37025	37557	41696	43305	47150	49859	52519	47270	44005	38298	495669
RETURNS FROM YUMA PROJECT RESERVATION DIVISION RETURNS SUM YUMA PROJECTS, RES. DIV. USE	6312	28393	38305	46803	63304	63995	61350	60241	21731	19850	5455	6112	421851
RETURNS FROM YUMA PROJECT RESERVATION DIVISION RETURNS SUM YUMA PROJECTS, RES. DIV. USE	0	0	0	0	0	0	0	0	0	0	0	0	0
RETURNS FROM YUMA PROJECT RESERVATION DIVISION RETURNS SUM YUMA PROJECTS, RES. DIV. USE	1553	2817	3663	4142	3648	1510	1338	2460	1866	3961	2719	1331	31008
RETURNS FROM YUMA PROJECT RESERVATION DIVISION RETURNS SUM YUMA PROJECTS, RES. DIV. USE	33	12	17	53	10	22	8	20	17	137	59	45	433
RETURNS FROM YUMA PROJECT RESERVATION DIVISION RETURNS SUM YUMA PROJECTS, RES. DIV. USE	1520	2805	3646	4089	3638	1488	1330	2440	1849	3824	2660	1286	30575
RETURNS FROM YUMA PROJECT RESERVATION DIVISION RETURNS SUM YUMA PROJECTS, RES. DIV. USE	2622	3121	4806	5454	7334	6495	5961	3286	3463	5285	3516	1836	53179
RETURNS FROM YUMA PROJECT RESERVATION DIVISION RETURNS SUM YUMA PROJECTS, RES. DIV. USE	32	8	14	43	12	57	22	18	23	115	54	37	435
RETURNS FROM YUMA PROJECT RESERVATION DIVISION RETURNS SUM YUMA PROJECTS, RES. DIV. USE	2590	3113	4792	5411	7322	6438	5939	3268	3440	5170	3462	1799	52744
RETURNS FROM YUMA PROJECT RESERVATION DIVISION RETURNS SUM YUMA PROJECTS, RES. DIV. USE	3442	3161	3321	3272	3778	3301	2735	3017	3321	4654	3827	3899	41728
RETURNS FROM YUMA PROJECT RESERVATION DIVISION RETURNS SUM YUMA PROJECTS, RES. DIV. USE	668	2757	5117	6228	7182	4625	4534	2691	1968	4340	2295	-814	41591
RETURNS FROM YUMA PROJECT RESERVATION DIVISION RETURNS SUM YUMA PROJECTS, RES. DIV. USE	156154	213886	310929	364039	337789	338680	366850	336774	226933	252405	196346	134474	3235259
RETURNS FROM YUMA PROJECT RESERVATION DIVISION RETURNS SUM YUMA PROJECTS, RES. DIV. USE	5800	1726	2798	8612	1717	8897	4156	5562	4425	16423	8526	8131	76773
RETURNS FROM YUMA PROJECT RESERVATION DIVISION RETURNS SUM YUMA PROJECTS, RES. DIV. USE	150354	212160	308131	355427	336072	329783	362694	331212	222508	235982	187820	126343	3158486

DIVERIONS FROM MAINSTREAM-AVAILABLE RETURN FLOW  
AND CONSUMPTIVE USE OF SUCH WATER  
CALENDAR YEAR 1997  
STATE OF CALIFORNIA

WATER USER	(ACRE- FEET)												
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL 1/
-----													
COACHELLA VALLEY WATER DISTRICT													
DIVERSION AT IMPERIAL DAM	13970	20586	30307	34908	37510	35607	36117	38420	28637	22719	24279	23429	346489
RETURNS	519	166	273	826	191	935	409	635	558	1478	1054	1417	8461
CONSUMPTIVE USE	13451	20420	30034	34082	37319	34672	35708	37785	28079	21241	23225	22012	338028
-----													
OTHER USERS PUMPING FROM COLORADO RIVER AND WELLS IN FLOOD PLAIN DAVIS DAM TO INTERNATIONAL BOUNDARY	751	1113	1332	1736	2619	1984	1974	1815	1062	1198	1035	1180	17799
-----													
CALIFORNIA TOTALS	293158	373527	538688	605456	610080	603934	637139	608822	447350	468459	385802	305802	5878216
DIVERSION	36584	35997	43845	50735	47810	56943	54931	59528	61238	70445	57861	52180	628097
RETURNS	256574	337530	494843	554721	562270	546991	582208	549294	386112	327941	253622	2550119	
CONSUMPTIVE USE	0	0	0	0	0	0	0	0	0	0	0	0	0
WATER MANAGEMENT	0	0	0	0	0	0	0	0	0	0	0	0	0
ACT. CREDITS 8/	256574	337530	494843	554721	562270	546991	582208	549294	386112	327941	253622	2550119	
TOTAL USE	8145	8145	8145	8145	8145	8145	8145	8145	8145	8145	8145	8145	97740
-----													
WATER CONSERVATION PROGRAM													
IMPERIAL I. D./METROPOLITAN W. D. CONSERVED WATER 9/	8145	8145	8145	8145	8145	8145	8145	8145	8145	8145	8145	8145	97740

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 diversion of 6 ac-ft per irrigated acre.
- 8/ PVID/MWD land fallow test program of 0 acres with 4.6 acft/ac of use in 1996. Water is accounted as used in the year saved and stored for the exclusive future use of MWD and not to be additive to current year MWD diversions. Current total account credits deposited less this years diversions of 0 acre-feet and less flood control release of 0 to date is 0 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 1997  
STATE OF CALIFORNIA

01/13/99

(ACRE-FEET)

WATER USER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL 1/
Ida Cal	0.0	0.0	0.0	0.0	72.7	79.2	79.2	79.2	101.6	64.1	112.8	0.0	588.8
Ida Cal	31.4	76.6	112.8	128.2	139.4	0.0	0.0	0.0	0.5	0.0	111.2	152.7	752.8
Ida Cal	0.0	58.2	30.0	71.1	93.1	116.2	91.9	66.2	75.2	56.9	34.7	23.8	717.3
Southern Cal Gas	4.2	3.3	5.7	6.1	7.5	9.1	9.9	9.5	7.5	6.3	4.5	4.4	78.0
Havasu Water Company	3.3	3.0	4.7	4.7	9.6	6.9	8.1	8.2	6.3	6.0	5.1	5.0	70.9
SUBTOTALS, DAVIS DAM TO PARKER DAM	38.9	141.1	153.2	210.1	322.3	211.4	189.1	163.1	191.1	133.3	268.3	185.9	2207.8
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
BLM Permitees(LHFO&YFO)	34.4	36.8	36.2	19.9	50.6	72.1	59.3	54.6	69.3	40.3	55.3	35.0	563.8
Picacho Development Corp	8.2	8.2	10.9	9.2	11.7	9.6	9.1	8.3	3.5	1.9	8.0	7.6	96.2
SUBTOTALS, PARKER DAM TO IMPERIAL DAM	44.2	46.3	49.3	31.5	65.2	85.2	72.2	66.6	75.7	44.6	65.0	44.3	690.0
Land, Ralph	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Living Earth Frm	19.0	22.3	22.3	6.7	23.5	2.2	11.2	1.1	17.9	6.7	11.2	8.9	153.0
Valdez, Mike	11.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.2
Power, Pete	108.7	87.1	148.5	160.3	196.0	237.7	259.3	249.5	196.0	164.2	116.7	114.9	2040.0
Harp, P. (R. Harp)	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
Horizon Farms	149.7	184.3	93.8	263.6	311.6	261.4	144.1	154.1	108.3	250.2	119.5	264.7	2305.3
Horizon Farms	0.0	0.0	0.0	46.8	226.2	115.2	73.3	24.4	16.1	12.6	4.9	57.2	576.7
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
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
Horizon Farms	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
Horizon Farms	24.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	24.4
Horizon Farms	30.7	55.8	44.0	79.6	135.4	130.5	128.4	69.1	30.7	122.2	88.0	69.1	983.5
Horizon 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
Berrymen	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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
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
Living Earth Fin	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Land, K. H.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Wilson Farms	1.1	1.1	0.0	1.1	5.6	2.2	4.5	0.0	0.0	0.0	3.4	3.4	22.4
Horizon Farms	20.3	55.3	75.6	129.1	260.1	70.1	35.1	11.1	11.1	42.4	64.6	95.9	870.7
Dees, Alex	55.4	145.6	167.8	204.2	283.3	259.6	277.0	334.0	117.1	164.6	80.7	41.2	2130.5
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
Horizon Farms	10.1	13.4	17.9	30.2	126.2	14.5	31.3	31.3	7.8	3.4	2.2	6.7	295.0
Power, O. L.	97.1	75.7	87.4	44.6	133.9	234.9	238.8	133.9	0.0	0.0	31.1	120.4	1197.8
Valdez, Mike	0.0	118.4	105.0	109.5	87.1	0.0	25.7	31.3	27.9	40.2	29.0	19.0	593.1
Valdez, Mike	0.0	54.4	176.4	212.6	189.5	52.7	150.0	224.2	9.9	1.6	0.0	0.0	1071.3
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
McIntire, Kenneth C. 2/3/4/	0.3	0.2	0.4	0.4	0.5	0.6	0.7	0.7	0.5	0.4	0.3	0.3	5.4
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	0.1	0.0	0.1	0.1	0.0	0.0	0.0	0.3
Carney, Jerome D. 3/4/	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.5
Phillips, Dorothy L. 3/4/	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.5
SUBTOTALS, BELOW IMPERIAL DAM	667.8	925.6	1130.0	1494.9	2231.2	1687.3	1713.0	1585.6	795.6	1019.7	701.6	949.3	14904.1
*** Total California Supplemental ***	751	1113	1332	1736	2619	1984	1974	1815	1062	1198	1035	1180	17802

1/ Calculated from monthly power records and power-discharge measurements where available, else from power-discharge rate.  
2/ Calculated by assuming an annual diversion 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.



DIVERIONS FROM MAINSTREAM-AVAILABLE RETURN FLOW  
AND CONSUMPTIVE USE OF SUCH WATER  
CALENDAR YEAR 1997  
STATE OF NEVADA

WATER USER	(ACRE-FEET)											
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC TOTAL 1/
----- 01/13/99 -----												
FORT MOHAVE INDIAN RESERVATION (AV1) 2 WELLS, SECTIONS 27 & 5	117	94	160	173	211	256	280	269	211	177	126	2200
DIVERSION RETURNS CONSUMPTIVE USE												
LAS VEGAS WASH RETURN FLOWS	12647	12584	13701	13457	13417	12350	11279	11279	11252	10969	17295	13193
OTHER USERS PUMPING FROM COLORADO RIVER AND WELLS IN FLOOD PLAIN DAVIS DAM TO CALIFORNIA BOUNDARY	1	1	1	1	2	2	2	2	2	2	1	1
DIVERSION 3/ RETURNS CONSUMPTIVE USE												
NEVADA TOTALS	27847	25280	32872	33280	41661	43008	39972	37273	29374	33991	31571	28804
DIVERSION RETURNS	13204	13052	14211	14095	13998	13022	12983	12063	11987	11711	17967	13863
CONSUMPTIVE USE	14643	12228	18661	19185	27663	29986	26989	25210	17387	22280	13604	14941
GROUNDWATER INJECTED STORAGE 5/	4174	2140	1062	86	0	0	0	0	0	368	4332	5629
LAS VEGAS VALLEY WATER DIST.	0	0	0	0	0	0	0	0	0	0	0	0
CITY OF NORTH LAS VEGAS	203	229	180	102	42	0	0	0	0	0	0	151
INJECTED WITHDRAWN	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 0 AF yields year end total of 141674 AF injected storage. 18698 AF less current year withdrawals from injected storage of 141674 AF injected storage.



PUMPAGE FROM COLORADO RIVER  
AND WELLS IN FLOOD PLAIN  
DAVIS DAM TO INTERNATIONAL BOUNDARY  
CALENDAR YEAR 1997  
STATE OF NEVADA

01/13/99

(ACRE- FEET)

WATER USER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL 1/
USBR (Sportsman's Park) 2/	0.6	0.4	0.8	0.8	1.0	1.2	1.3	1.3	1.0	0.8	0.6	0.6	10.4
Boy Scouts of America SEC5 T33S R66E 2/	0.4	0.3	0.6	0.6	0.7	0.9	1.0	0.9	0.7	0.6	0.4	0.4	7.6
*** Total Nevada Supplemental ***	1	1	1	1	2	2	2	2	2	1	1	1	17

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  
ORDERED 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 1997

The following tabulations for calendar year 1997 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 required 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 1997  
STATE OF ARIZONA

WATER USER	(ACRE-FEET)												TOTAL
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
01/13/99													
CENTRAL ARIZONA PROJECT DIVERSION AT LAKE HAVASU	2247	3031	2299	130	5853	4637	2596	2114	18957	29206	8183	17354	96607
ORDERED BUT NOT DIVERTED DELIVERED TO MEXICO IN SATISFACTION OF TREATY	2247	3031	2299	130	5853	4637	2596	2114	18957	29206	8183	17354	96607
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
COLO. RIVER INDIAN RESERVATION DIVERSION AT HEADGATE ROCK	3330	5643	18101	7803	6835	9243	1557	1626	787	1196	488	3120	59729
ORDERED BUT NOT DIVERTED DELIVERED TO MEXICO IN SATISFACTION OF TREATY	3330	5643	18101	7803	6835	9243	1557	1626	787	1196	488	3120	59729
DIVERTED BY OTHERS	1682	4606	9063	6440	4725	6403	791	1382	262	835	258	1448	37895
DELIVERED TO STORAGE 2/ DELIVERED TO MEXICO IN EXCESS OF TREATY	1646	1037	9037	1361	2110	2838	752	234	524	361	230	1670	21800
NORTH GILA VALLEY I.-D. DIVERSION AT IMPERIAL DAM	621	204	91	179	659	766	589	222	1146	770	867	811	6925
ORDERED BUT NOT DIVERTED DELIVERED TO MEXICO IN SATISFACTION OF TREATY	621	204	91	179	659	766	589	222	1146	770	867	811	6925
DIVERTED BY OTHERS	127	109	6	113	444	430	149	115	131	222	270	113	2229
DELIVERED TO STORAGE 2/ DELIVERED TO MEXICO IN EXCESS OF TREATY	494	95	85	65	214	335	440	107	1016	547	597	698	4693
STURGES (WARREN ACT) GILA PROJECT DISTRICTS DIVERSION AT IMPERIAL DAM 1/	0	0	0	0	0	0	0	0	0	0	0	0	0
ORDERED BUT NOT DIVERTED DELIVERED TO MEXICO IN SATISFACTION 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	2811	2410	3624	1563	1724	2834	6736	2989	7553	6801	7432	6907	53384
ORDERED BUT NOT DIVERTED DELIVERED TO MEXICO IN SATISFACTION OF TREATY	2811	2410	3624	1563	1724	2834	6736	2989	7553	6801	7432	6907	53384
DIVERTED BY OTHERS	325	571	379	474	468	877	1736	1218	462	2039	764	534	9847
DELIVERED TO STORAGE 2/ DELIVERED TO MEXICO IN EXCESS OF TREATY	2485	1839	3245	1089	1256	1958	4834	1753	7091	4762	6669	6373	43354
YUMA IRRIGATION DISTRICT DIVERSION AT IMPERIAL DAM	421	159	101	171	294	61	111	204	1230	294	369	1045	4460
ORDERED BUT NOT DIVERTED DELIVERED TO MEXICO IN SATISFACTION OF TREATY	421	159	101	171	294	61	111	204	1230	294	369	1045	4460
DIVERTED BY OTHERS	119	103	73	91	171	28	26	163	278	73	34	38	1197
DELIVERED TO STORAGE 2/ DELIVERED TO MEXICO IN EXCESS OF TREATY	301	56	28	79	123	34	85	42	952	220	335	1008	3263
0	0	0	0	0	0	0	0	0	0	0	0	0	0

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 1997  
STATE OF ARIZONA

01/13/99

(ACRE- FEET)

WATER USER	1997												TOTAL
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
YUMA MESA I.& D. DISTRICT DIVERSION AT IMPERIAL DAM	3227	2108	1053	1805	2212	1180	1553	2079	6645	1821	3029	4021	30753
ORDERED BUT NOT DIVERTED DELIVERED TO MEXICO IN SATISFACTION OF TREATY	956	1367	635	1065	1355	454	401	1287	1025	712	379	280	9916
DIVERTED BY OTHERS	2271	742	419	740	857	726	1150	783	5619	1109	2650	3741	20807
DELIVERED TO STORAGE 2/ DELIVERED TO MEXICO IN EXCESS OF TREATY	0	0	0	0	0	0	2	8	0	0	0	0	10
UNIT "B" I.& D. DISTRICT DIVERSION AT IMPERIAL DAM	290	188	214	258	359	256	395	250	1492	409	167	813	5091
ORDERED BUT NOT DIVERTED DELIVERED TO MEXICO IN SATISFACTION OF TREATY	0	0	0	0	0	0	0	0	0	0	0	0	0
DIVERTED BY OTHERS	260	81	95	117	175	151	276	117	1285	258	155	726	3696
DELIVERED TO STORAGE 2/ DELIVERED TO MEXICO IN EXCESS OF TREATY	0	0	0	0	0	0	32	0	0	0	0	0	32
YUMA COUNTY WATER USERS ASSN. DIVERSION AT IMPERIAL DAM	0	0	0	0	0	0	0	0	0	0	0	0	0
ORDERED BUT NOT DIVERTED DELIVERED TO MEXICO IN SATISFACTION 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
ARIZONA TOTALS	12947	13743	25483	11909	17936	18977	13537	9484	37810	40497	20535	34071	256929
ORDERED BUT NOT DIVERTED DELIVERED TO MEXICO IN SATISFACTION OF TREATY	3209	6756	10156	8183	7163	8192	3103	4165	2158	3881	1705	2413	61084
DIVERTED BY OTHERS	9704	6881	15208	3581	10588	10679	10133	5150	35444	36463	18819	31570	194220
DELIVERED TO STORAGE 2/ DELIVERED TO MEXICO IN EXCESS OF TREATY	0	0	0	0	0	0	213	34	0	0	0	0	247

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 1997  
STATE OF CALIFORNIA

WATER USER	(ACRE-FEET)												TOTAL
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
METROPOLITAN WATER DISTRICT DIVERSION AT LAKE HAVASU	232	218	352	582	250	563	369	283	405	352	271	790	4667
ORDERED BUT NOT DIVERTED DELIVERED TO MEXICO IN SATISFACTION OF TREATY	232	218	352	582	250	563	369	283	405	352	271	790	4667
DIVERTED BY OTHERS	0	0	0	0	0	0	0	0	0	0	0	0	0
DELIVERED TO STORAGE 1/ DELIVERED TO MEXICO IN EXCESS OF TREATY	0	0	0	0	0	0	0	0	0	0	0	0	0
PALO VERDE IRRIGATION DISTRICT DIVERSION AT PALO VERDE DAM	1531	1490	2069	1365	2517	3134	2975	9918	4358	1426	405	1906	33094
ORDERED BUT NOT DIVERTED DELIVERED TO MEXICO IN SATISFACTION OF TREATY	1531	1490	2069	1365	2517	3134	2975	9918	4358	1426	405	1906	33094
DIVERTED BY OTHERS	393	1109	1071	914	1595	1388	2051	6964	1728	926	216	930	19285
DELIVERED TO STORAGE 1/ DELIVERED TO MEXICO IN EXCESS OF TREATY	1137	379	996	448	920	1743	817	2666	2628	498	186	974	13392
YUMA PROJECT RESV. DIVISION DIVERSION AT IMPERIAL DAM	1837	924	1006	756	2410	3392	1912	1670	1549	678	4023	7244	27401
ORDERED BUT NOT DIVERTED DELIVERED TO MEXICO IN SATISFACTION OF TREATY	1837	924	1006	756	2410	3392	1912	1670	1549	678	4023	7244	27401
DIVERTED BY OTHERS	690	639	399	424	1339	2015	1642	1051	363	337	2089	4356	15344
DELIVERED TO STORAGE 1/ DELIVERED TO MEXICO IN EXCESS OF TREATY	1144	284	605	329	1069	1375	264	617	1184	339	1932	2886	12028
IMPERIAL IRRIGATION DISTRICT DIVERSION AT IMPERIAL DAM	9168	2878	3884	4721	260	2723	2428	2836	25256	2231	2372	11677	70434
ORDERED BUT NOT DIVERTED DELIVERED TO MEXICO IN SATISFACTION OF TREATY	9168	2878	3884	4721	260	2723	2428	2836	25256	2231	2372	11677	70434
DIVERTED BY OTHERS	718	395	557	887	206	549	819	569	1166	1523	627	1206	9222
DELIVERED TO STORAGE 1/ DELIVERED TO MEXICO IN EXCESS OF TREATY	8448	2481	3324	3832	52	2172	1450	2146	24088	706	1743	10469	60911
COACHELLA VALLEY WATER DIST. DIVERSION AT IMPERIAL DAM	2007	639	379	613	589	319	1738	415	2364	468	2	2	9535
ORDERED BUT NOT DIVERTED DELIVERED TO MEXICO IN SATISFACTION OF TREATY	2007	639	379	613	589	319	1738	415	2364	468	2	2	9535
DIVERTED BY OTHERS	381	494	218	157	161	210	436	232	171	282	0	0	2742
DELIVERED TO STORAGE 1/ DELIVERED TO MEXICO IN EXCESS OF TREATY	1624	143	159	454	426	107	1043	157	2192	184	0	2	6491
CALIFORNIA TOTALS	14775	6149	7690	8037	6026	10131	9422	15122	33932	5155	7073	21619	145131
ORDERED BUT NOT DIVERTED DELIVERED TO MEXICO IN SATISFACTION OF TREATY	14775	6149	7690	8037	6026	10131	9422	15122	33932	5155	7073	21619	145131
DIVERTED BY OTHERS	2182	2637	2245	2382	3301	4162	4948	8816	3428	3068	2932	6492	46593
DELIVERED TO STORAGE 1/ DELIVERED TO MEXICO IN EXCESS OF TREATY	12585	3505	5436	5645	2717	5960	3943	5869	30497	2079	4132	15121	97489

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 1997

DELIVERIES TO MEXICO IN SATISFACTION OF PART III OF 1944 TREATY  
 AND  
 WATER PASSING TO MEXICO IN EXCESS OF TREATY REQUIREMENTS  
 CALENDAR YEAR 1997

01/13/99

WATER USER	(ACRE-FEET)												
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
DELIVERY AT NORTH INTERNATIONAL BOUNDARY 1/	216498	374543	326927	209756	179005	149439	185536	335268	396826	124527	128629	133095	2760049
DELIVERY AT SOUTH INT. LAND BOUNDARY	8285	7883	9283	10216	10141	8638	8253	8291	8030	11344	11676	10369	112409
TOTAL DELIVERY IN SATISFACTION OF TREATY	224783	382426	336210	219971	189146	158077	193789	343559	404856	135871	140305	143464	2872457
TO MEXICO AS SCHEDULED 2/	115090	127130	163345	187566	189022	157158	192635	126899	99036	110256	121606	110257	1700000
TO MEXICO IN EXCESS OF SCHEDULE 3/	109693	255296	172865	32405	124	919	1154	216660	305820	25615	18699	33207	1172457
BYPASS PURSUANT TO MINUTE 242	6829	8274	10159	8402	10558	10223	8156	5999	1437	5775	3399	9943	89154

1/ Includes wasteway deliveries in satisfaction of treaty to the river limitrophe.  
 2/ Includes 200,000 acre-feet scheduled surplus under Paragraph (E) Article 15 of the 1944 treaty with Mexico.  
 3/ Water that is lost to the United States through releases into the Colorado River 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 1997

DIVERIONS FROM MAINSTREAM OF GILA AND SAN FRANCISCO RIVERS  
AND  
CONSUMPTIVE USE OF SUCH WATER FOR BENEFIT OF THE GILA NATIONAL FOREST  
CALENDAR YEAR 1997

01/13/99

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