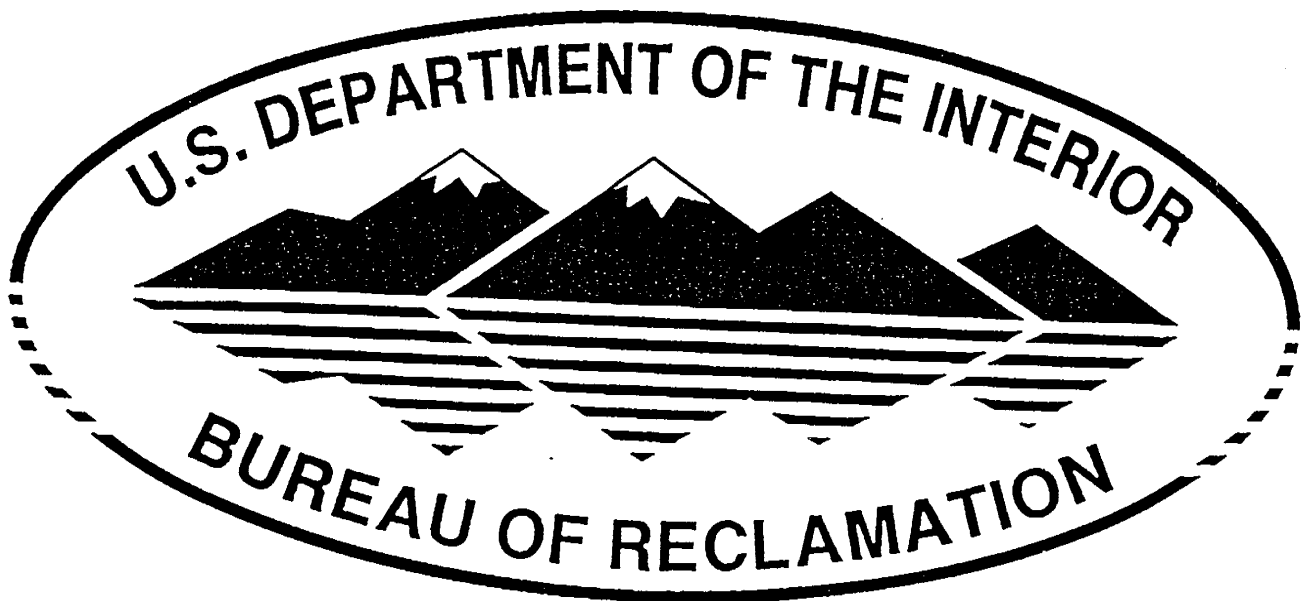


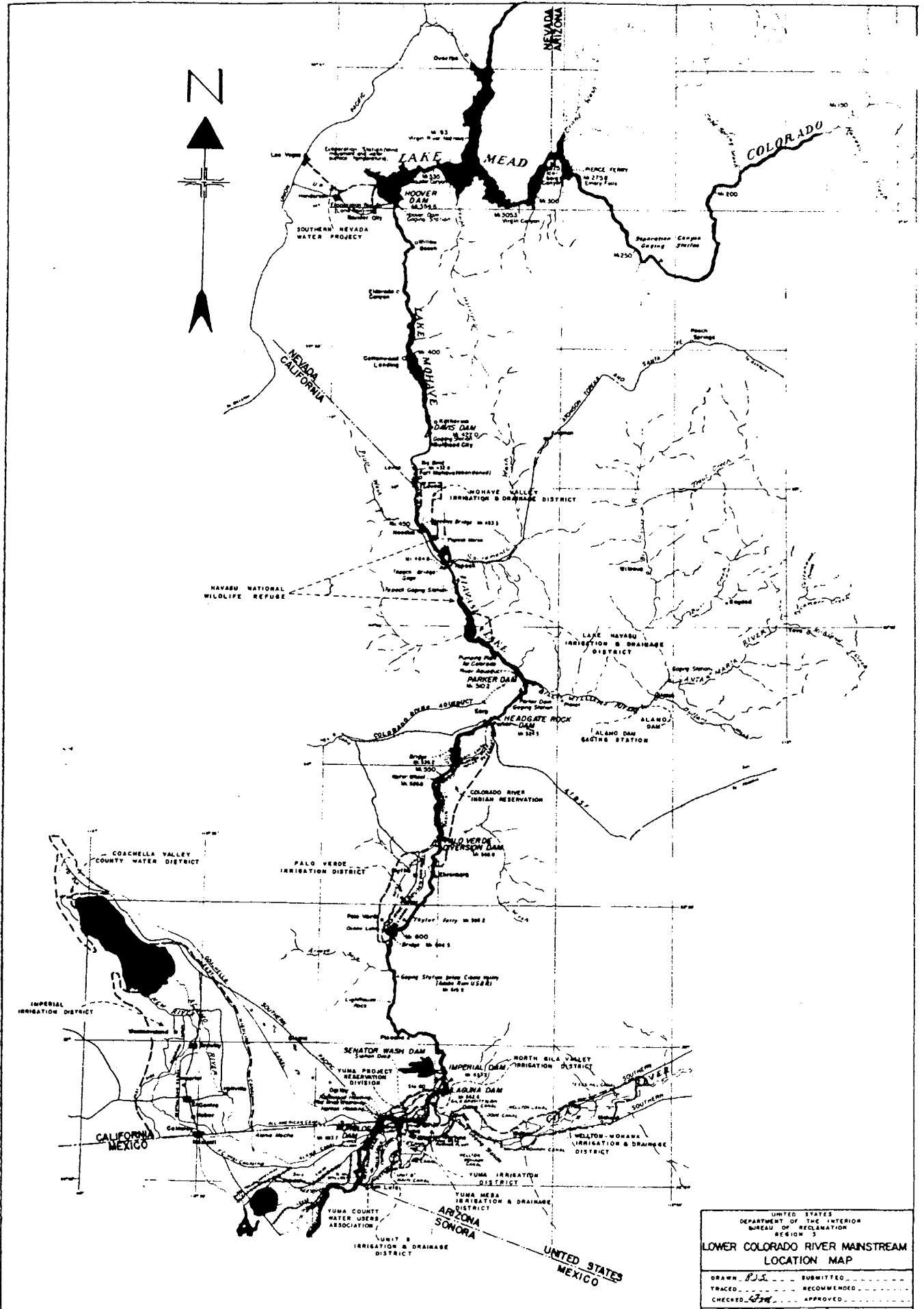
COMPILATION OF RECORDS IN
ACCORDANCE WITH ARTICLE V OF THE
DECREE OF THE SUPREME COURT OF
THE UNITED STATES IN
ARIZONA v. CALIFORNIA DATED MARCH 9, 1964

CALENDAR YEAR 1995



Bureau of Reclamation

Lower Colorado Region
Boulder City, Nevada



UNITED STATES
 DEPARTMENT OF THE INTERIOR
 BUREAU OF RECLAMATION
 REGION 3
**LOWER COLORADO RIVER MAINSTREAM
 LOCATION MAP**
 DRAWN *P.S.* SUBMITTED _____
 TRACED _____ RECOMMENDED _____
 CHECKED *SPM* APPROVED _____
 BOULDER CITY, NEV 9-20-71 423-300-937

CONTENTS

	<u>Page</u>
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	18
Nevada	19
Other Nevada Users	21
V(C) Water Ordered but not Diverted	22
Arizona	24
California	26
V(D) Deliveries of Water to Mexico	27
V(E) Diversions and Use for Gila National Forest	29

S U M M A R Y
USE BY STATE, UNMEASURED RETURNS ESTIMATE, AND RESERVOIR CONTENTS
CALENDAR YEAR 1995

FINAL RECORDS	(THOUSAND ACRE- FEET)												
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
WATER USE SUMMARY													
ARIZONA	64.6	89.0	223.0	247.6	273.4	227.4	224.0	208.3	157.3	179.5	126.1	201.0	2221.3
CALIFORNIA	158.0	250.6	452.5	485.4	510.7	541.2	581.8	557.3	447.3	402.7	282.7	255.2	4925.5
NEVADA	7.0	11.6	13.5	16.9	18.9	21.8	24.3	24.0	22.8	22.6	18.5	15.5	217.4
STATES SUBTOTAL	229.7	351.2	689.0	749.9	803.1	790.3	830.1	789.7	627.4	604.9	427.3	471.7	7364.3
UNMEASURED RETURNS 1/	4.4	10.6	22.9	27.4	31.3	33.8	36.3	35.1	26.8	20.2	15.3	18.8	282.9
TOTAL STATES	225.2	340.6	666.1	722.5	771.8	756.6	793.8	754.6	600.6	584.7	412.1	452.9	7081.3
MEXICO IN SATISFACTION OF TREATY	131.9	164.2	183.4	176.2	174.4	193.8	204.3	101.4	92.7	80.9	106.2	103.0	1712.3
MEXICO BYPASS PURSUANT TO MINUTE 242	11.7	11.2	9.9	10.3	11.6	11.3	12.5	11.4	8.8	9.7	6.8	10.2	125.5
USE TOTAL	373.3	526.6	882.3	936.4	989.1	995.4	1046.9	902.5	728.9	695.5	540.3	584.9	9202.1
END OF MONTH ACTIVE CONTENTS:													
LAKE POWELL	16843	16570	16627	16786	18350	21299	23307	22972	22311	21933	21681	21401	
LAKE MEAD	20190	20485	20443	20099	19921	20013	20241	20367	20714	20963	21449	21625	
LAKE MOHAVE	1647	1608	1700	1741	1727	1698	1638	1661	1635	1565	1448	1629	
LAKE HAVASU	569	570	547	597	603	612	571	598	588	597	561	554	
LOWER BASIN TOTAL STORAGE	22406	22663	22689	22437	22251	22323	22450	22626	22937	23124	23458	23808	
USE BELOW PARKER DAM:													
ARIZONA	-6.7	51.1	117.4	125.4	148.0	165.3	170.4	161.8	127.2	103.2	55.2	41.5	1259.8
CALIFORNIA	53.1	197.5	382.0	428.9	439.2	449.1	477.4	440.5	336.3	301.1	214.1	186.9	3906.0
MEXICO	143.7	175.4	193.3	186.5	186.0	205.1	216.8	112.8	101.5	90.7	113.0	113.2	1837.8
TOTAL USE	190.1	423.9	692.6	740.8	773.2	819.5	864.6	715.1	565.1	494.9	382.2	341.6	7003.6

1/ Estimated total unmeasured return 282,937 acre-feet reduces total Lower Basin use. Estimated unmeasured return by state is 192,537 af in Arizona, 88,679 af in California, and 1,721 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 1995

The following tabulations for calendar year 1995 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 1995

STRUCTURE	(THOUSAND ACRE-FEET)												
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
GLEN CANYON DAM	756.4	654.3	604.6	633.5	625.0	981.6	1074.0	1123.0	1085.0	906.5	856.1	905.5	10205.5
HOOVER DAM	344.2	454.9	899.6	996.3	873.4	863.8	806.7	957.6	677.0	612.3	333.9	725.2	8544.9
DAVIS DAM	333.6	481.8	774.5	921.5	860.2	866.8	851.7	893.4	698.2	664.0	448.7	522.3	8316.7
PARKER DAM	190.2	485.1	729.6	744.0	668.0	703.8	744.5	706.4	572.7	489.6	363.7	321.1	6718.7
HEADGATE ROCK DAM 1/	188.4	469.8	666.9	678.4	593.0	619.4	650.5	616.8	513.5	448.8	335.2	287.3	6067.9
PALO VERDE DAM	164.8	387.7	620.6	595.4	507.0	521.5	560.2	563.5	482.7	439.6	310.7	230.3	5384.0
IMPERIAL DAM	17.5	18.3	24.7	24.3	22.4	17.1	17.4	25.1	19.3	20.4	15.7	15.4	237.4
DIVERSION TO MITTRY LAKE FROM GILA MAIN CANAL	0.8	0.8	0.9	0.9	0.9	0.8	0.9	0.9	0.9	0.9	0.8	0.9	10.4
SUM IMPERIAL DAM + DIVERSION TO MITTRY LAKE	18.3	19.0	25.6	25.2	23.2	18.0	18.2	26.0	20.2	21.3	16.6	16.3	247.8
LAGUNA DAM	24.2	22.0	26.9	38.1	22.4	18.9	28.8	20.8	22.1	23.1	21.8	19.2	288.1

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 1995

The following tabulations for calendar year 1995 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 1995 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.

DIVERIONS FROM MAINSTREAM-AVAILABLE RETURN FLOW
AND CONSUMPTIVE USE OF SUCH WATER
CALENDAR YEAR 1995
STATE OF ARIZONA

WATER USER	FINAL RECORDS												DEC TOTAL 1/
	(ACRE- FEET)												
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL 1/
LAKE MEAD NAT'L RECREATION, AZ. DIVERIONS FROM LAKE MEAD (TEMPLE BAR)	5	7	8	13	14	14	20	25	20	21	16	15	178
LAKE MEAD NAT'L RECREATION, AZ. DIVERIONS FROM LAKE MOHAVE (KATHERINE, WILLOW BEACH)	11	15	12	22	32	33	40	44	43	29	26	19	326
L.C.R.D. PROJECT (DAVIS DAM) DIVERION AT DAVIS DAM	3	2	4	7	7	10	8	9	4	5	4	3	66
BULLHEAD CITY PUMPED FROM WELLS DIV. AT DAVIS DAM, MOHAVE CO. PARKS	427 2	421 2	480 3	511 5	647 6	660 13	769 14	760 10	722 12	642 8	439 0	436 2	6914 77
MOHAVE WATER CONSERVATION PUMPED FROM WELLS	429	423	483	516	653	673	783	770	734	650	439	438	6991
BROOKE WATER, (WAS CONSOLIDATED W U) PUMPED FROM RIVER	25	28	32	37	43	54	61	69	61	52	55	47	564
MOHAVE VALLEY I. & D. DISTRICT PUMPED FROM WELLS	22	20	24	28	33	37	43	43	39	33	30	25	377
FORT MOHAVE INDIAN RESERVATION 12 PUMPS AND WELLS IN FLOOD PLAIN	349	1268	3140	2815	3568	5053	7061	5892	3811	2289	1767	1385	38398
GOLDEN SHORES WATER CONSERVATION DIST PUMPED FROM WELLS	120	3257	6619	5128	6294	10791	10535	10099	5290	3267	2366	1386	65152
HAVASU NATIONAL WILDLIFE REFUGE INLET-NW NE NW SEC 33 T9N R5SW G&SRM WELL 8N/23E-15Aa (TOPOCK MARSH)	31	25	43	46	57	69	75	72	57	47	34	33	589
LAKE HAVASU CITY (L.H.I.D.) DISTRICT PUMPED FROM WELLS	48	2370	9590	11490	8948	9336	6505	5312	3188	2600	608	747	60742
CENTRAL ARIZONA PROJECT PUMPED FROM LAKE HAVASU	13	10	17	19	23	28	30	29	23	19	14	12	237
	0	0	0	4360	4420	1740	684	329	0	0	0	0	11533
	61	2380	9607	7149	4551	7624	5851	5012	3211	2619	622	759	49446
	706	721	887	1048	1221	1406	1539	1628	1446	1325	1002	876	13805
	69499	29724	84777	105378	108952	36340	27502	22799	15315	65956	64562	154458	785262

DIVERSIONS FROM MAINSTREAM-AVAILABLE RETURN FLOW
AND CONSUMPTIVE USE OF SUCH WATER
CALENDAR YEAR 1995
STATE OF ARIZONA

WATER USER	(ACRE-FEET)												DEC TOTAL 1/		
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC			
SOUTHERN PACIFIC COMPANY DIVERSION AT IMPERIAL DAM	4	4	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	1	1	12
UNIVERSITY OF ARIZONA DIVERSION AT IMPERIAL DAM (WARREN ACT)	68	52	52	63	58	43	123	83	118	92	81	72	72	72	905
YUMA UNION HIGH SCHOOL DIVERSION AT IMPERIAL DAM	4	7	7	11	13	12	20	25	18	15	11	7	7	7	150
CAMILLE, ALEC. JR. DIVERSION AT IMPERIAL DAM (WARREN ACT)	4	0	0	4	2	4	5	2	4	3	2	4	4	4	34
DESERT LAWN MEMORIAL DIVERSION AT IMPERIAL DAM	0	4	11	14	17	18	16	13	15	2	0	2	2	2	112
NORTH GILA VALLEY IRRIGATION DISTRICT DIVERSION AT IMPERIAL DAM 7/	1851	3594	4458	5362	5586	4056	3641	2391	4133	4984	2880	2738	2738	2738	45674
YUMA IRRIGATION DISTRICT DIVERSION AT IMPERIAL DAM 7/ PUMPED FROM PRIVATE WELLS	1305	2029	2494	2757	2898	2440	2367	1740	2475	2858	2216	2170	2170	2170	27749
YUMA MESA I. & D. DISTRICT DIVERSION AT IMPERIAL DAM 7/	546	1565	1964	2605	2688	1616	1274	651	1658	2126	664	568	568	568	17925
UNIT "B" I. & D. DISTRICT DIVERSION AT IMPERIAL DAM 7/7E/	2120	3519	4479	5350	5764	4291	4104	3480	7358	6834	4192	3203	3203	3203	54694
YUMA COUNTY WATER USERS ASSOCIATION DIVERSION AT IMPERIAL DAM PUMPED FROM WELLS 7E/	829	896	1077	843	840	833	453	710	856	607	585	681	681	681	9210
COCOPAH INDIAN RESERVATION DIVERSION AT IMPERIAL DAM PUMPED FROM WELLS 7E/	1447	1132	1331	1010	1236	1053	788	854	1463	1438	1158	1013	1013	1013	13923
	1502	3283	4225	5183	5368	4071	3769	3336	6751	6003	3619	2871	2871	2871	49981
	6602	12803	20178	18775	24444	25468	27811	32401	27436	21125	12450	9757	9757	9757	239250
	3970	2901	5948	4383	2206	2385	1918	3270	3576	2669	2019	2984	2984	2984	38229
	2632	9902	14230	14392	22238	23083	25893	29131	23860	18456	10431	6773	6773	6773	201021
	904	1600	2667	2462	3387	3435	3764	4456	3728	2785	1314	1671	1671	1671	32173
	645	480	980	772	378	398	338	572	605	436	312	523	523	523	6439
	259	1120	1687	1690	3009	3037	3426	3884	3123	2349	1002	1148	1148	1148	25734
	8665	21304	31142	35729	36394	30946	27448	27169	27258	41950	25089	18519	18519	18519	331613
	503	550	619	570	641	659	612	641	652	621	594	589	589	589	7251
	8700	7519	9328	9832	10131	8677	8553	8425	9028	11999	11265	10115	10115	10115	113572
	468	14335	22433	26467	26904	22928	19507	19385	18882	30572	14418	8993	8993	8993	223292
	63	58	140	82	93	164	190	155	24	348	112	40	40	40	1469
	1709	710	588	1428	1267	1770	1823	1606	674	851	1247	658	658	658	14331
	3	1	3	1	2	3	5	3	1	8	3	2	2	2	35
	1769	767	725	1509	1358	1931	2008	1758	697	1191	1356	696	696	696	15765

DIVERIONS FROM MAINSTREAM-AVAILABLE RETURN FLOW
AND CONSUMPTIVE USE OF SUCH WATER
CALENDAR YEAR 1995
STATE OF ARIZONA

WATER USER	(ACRE- FEET)											
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC TOTAL 1/
YUMA AREA OFFICE, USBR												
DIVERSION FROM MODE & WELL NO.8	62	49	84	91	111	135	147	142	111	93	66	1158
RETURNS	40	32	55	59	73	88	96	92	73	61	43	756
CONSUMPTIVE USE	21	17	29	32	39	47	51	49	39	32	23	402
PUMPED FROM SOUTH GILA WELLS (DPOC'S) RETURNS 5/	5636	5313	4202	4316	5000	4880	5172	5110	4420	5118	5100	59727
OTHER USERS PUMPING FROM COLORADO RIVER AND WELLS IN FLOOD PLAIN DAVIS DAM TO INTERNATIONAL BOUNDARY	5109	1650	3150	3244	2896	3097	3742	3474	2831	2684	1990	36457
CONSUMPTIVE USE												
ARIZONA TOTALS	111665	130848	278734	308297	335021	283667	281904	267427	213670	238857	177052	2884377
RETURNS	47092	41826	55687	60692	61573	56251	57901	59102	56391	59328	50922	663032
CONSUMPTIVE USE	64573	89022	223047	247605	273448	227416	224003	208325	157279	179529	126130	2221346

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:

Item	-----
Diversion at Imperial Dam A/ Pumped from wells	339618
Surface returns from South Gila Valley (S.Gila Canal Wasteway)	9210
Return flow North Gila Valley (6 drains & wasteways)	4419 *
Return flow South Gila Valley Wells (DPOC's)	9673 *
Return flow Yuma Mesa Outlet Drain B/	59727
Return flow protective and regulatory pumping unit C/	22423 *
Estimated unmeasured groundwater return flow D/	8551 *
Return flow share of Gila Main Canal loss E/	25013
Subtotal return flow F/	9823 *
Consumptive Use (see note above)	139629
(A) Total for the North Gila Valley, The Yuma Irrigation and the Yuma Mesa Irrigation and Drainage Districts, and 'Unit B'.	139628 check from above
(B) Estimated at 85 percent of the Yuma Mesa Outlet Drain with balance credited to 'Unit B'.	209199 check from above
(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/milage 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	

DIVERSIONS FROM MAINSTREAM-AVAILABLE RETURN FLOW
AND CONSUMPTIVE USE OF SUCH WATER
CALENDAR YEAR 1995
STATE OF ARIZONA

FINAL RECORDS (ACRE-FEET)

WATER USER

JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC TOTAL 1/

Cocopah Indian Reservation and in the YCHUA area, and by some of the surface drains in the YCHUA 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.

PUMPAGE FROM COLORADO RIVER
AND WELLS IN FLOOD PLAIN
DAVIS DAM TO INTERNATIONAL BOUNDARY
CALENDAR YEAR 1995
STATE OF ARIZONA

FINAL RECORDS

WATER USER	(ACRE- FEET)												
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC TOTAL 1/	
Havasuto Water Co. of AZ (Citizens Utilities)	23.9	23.4	25.4	25.9	34.2	38.8	45.4	47.0	40.3	39.2	30.9	23.9	398.3
SUBTOTALS, DAVIS DAM TO PARKER DAM	23.9	23.4	25.4	25.9	34.2	38.8	45.4	47.0	40.3	39.2	30.9	23.9	398.3
Hillcrest Water Co.	1.1	1.3	1.2	1.6	1.7	2.1	2.1	2.3	1.8	1.7	1.6	1.6	20.2
Rayner, Jack Jr.	26.6	13.7	594.9	397.9	364.8	112.2	306.7	213.9	243.8	27.4	97.7	381.8	2781.4
Rayner, Jack Jr.	0.2	0.0	81.3	9.2	0.3	2.4	1.9	94.6	2.8	1.3	1.1	0.5	195.6
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 Permitees	18.8	35.3	43.9	62.4	76.5	95.5	79.2	101.0	68.0	67.0	67.0	49.0	763.6
SUBTOTALS, PARKER DAM TO IMPERIAL DAM	164.3	144.6	882.1	644.6	655.5	670.6	681.8	528.6	275.2	293.7	293.7	557.2	5968.8
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.	15.5	27.3	36.0	36.8	34.3	33.6	37.3	9.4	9.3	14.4	9.0	10.9	273.8
Dulin, A.	28.4	61.6	79.6	84.5	77.7	118.6	49.5	269.1	175.5	152.2	90.1	381.7	1568.5
Glen Curtis Cit	18.8	33.4	0.1	0.0	2.3	0.0	7.1	148.3	164.6	0.7	0.3	5.8	381.4
Glen Curtis Cit	0.2	10.6	16.3	17.4	19.3	23.5	28.7	18.7	12.3	17.5	12.3	7.5	184.3
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	55.8	244.7	266.6	311.4	385.7	337.5	356.5	296.2	208.0	337.8	203.2	171.6	3175.0
Glen Curtis Cit	11.0	8.8	15.1	16.3	19.9	24.1	26.3	25.3	19.9	16.7	11.8	11.7	207.0
Yowelman, R.	524.3	0.0	69.9	75.5	92.3	111.8	122.0	117.4	92.3	77.3	54.9	54.0	960.0
Cameron Bros.	292.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	524.3
Ott, Judd T.	529.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	292.1
Ott, Judd T.	451.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	529.9
Cameron Bros	852.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	451.0
Ogram, George	1.2	54.4	1.1	37.9	21.3	56.4	87.7	74.0	28.5	0.0	0.0	0.0	852.4
AZ Prod	373.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	373.0
Yucca Pwr Plant	17.2	13.8	23.5	25.4	31.0	37.6	41.1	39.5	31.0	26.0	18.5	18.2	323.0
Texas Hill Farm	11.3	7.6	29.0	17.0	11.1	10.7	9.7	14.2	18.8	11.1	5.5	5.2	151.2
Curry Family LTD	0.0	4.4	17.0	7.0	0.0	14.7	24.3	17.8	4.9	18.5	19.4	97.2	225.2
Hall, Ansil	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
Burrell	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
Cocopah Bend RV	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
Huerta Packing	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
Huerta Packing	26.4	12.3	41.7	49.7	72.4	86.4	95.1	93.8	72.4	33.0	174.2	28.6	653.6
Farmland Mgmt	914.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	914.2
Farmland Mgmt	31.9	41.8	79.0	104.4	76.0	0.6	33.8	6.6	61.0	34.6	14.8	18.7	503.2
Farmland Mgmt	25.8	33.9	63.9	83.4	60.3	0.3	25.4	7.5	57.2	81.7	41.6	52.5	533.5
Farmland Mgmt	15.8	20.7	38.7	50.3	36.4	0.2	15.9	4.9	35.1	49.5	25.2	32.2	324.9
Waymon Farms	18.1	73.2	75.2	276.1	155.5	112.1	103.1	33.7	127.7	283.2	165.3	173.0	1596.2
Waymon Farms	4.4	65.8	71.8	192.6	135.3	98.7	87.9	28.3	58.2	113.5	77.8	116.0	1050.3
W. Brand-D. Donnelly	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 Cumings	13.9	52.1	131.4	139.5	33.8	62.2	147.0	131.5	82.5	239.4	98.5	100.8	1232.6
J W Cumings	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	29.1	10.3	75.0	57.4	0.0	62.0	78.6	42.6	0.0	0.0	82.3	81.3	518.6
J & J Cummings	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	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.	0.0	18.0	94.1	44.3	0.0	0.0	267.2	149.8	0.0	0.0	0.0	13.4	586.8
Hughes, Earl	85.4	227.9	304.0	175.8	0.0	255.4	196.3	111.9	39.9	73.4	0.0	42.4	1512.4
SUBTOTALS, BELOW IMPERIAL DAM	4920.8	1482.2	2242.6	2573.1	2206.6	2588.4	3026.3	2745.5	2262.5	2369.5	1665.4	2008.1	30096.5

PUMPAGE FROM COLORADO RIVER
 AND WELLS IN FLOOD PLAIN
 DAVIS DAM TO INTERNATIONAL BOUNDARY
 CALENDAR YEAR 1995
 STATE OF ARIZONA

FINAL RECORDS		(ACRE-FEET)											
WATER USER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL 1/
*** Total Arizona Supplemental ***	5109	1650	3150	3244	2896	3097	3742	3474	2831	2684	1990	2589	36457

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.

DIVERSIONS FROM MAINSTREAM-AVAILABLE RETURN FLOW
AND CONSUMPTIVE USE OF SUCH WATER
CALENDAR YEAR 1995
STATE OF CALIFORNIA

WATER USER	(ACRE- FEET)												DEC TOTAL 1/
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
FINAL RECORDS													
FORT MOHAVE INDIAN RESERVATION PUMPED FROM RIVER AND WELLS	3	368	724	938	2529	2711	3418	4383	1254	2720	1394	922	21364
DIVERSION 7/ RETURNS													
CONSUMPTIVE USE													
CITY OF NEEDLES													
4 WELLS NW SW SEC 29 T9N R23E SBM	164	178	198	238	229	300	360	371	370	290	234	187	3119
RETURNS 10/ CONSUMPTIVE USE	76	90	112	138	142	170	195	172	195	172	118	127	1707
METROPOLITAN WATER DISTRICT DIVERSION FROM LAKE HAVASU	88	88	86	100	87	130	165	199	175	118	116	60	1412
RETURNS 2/ CONSUMPTIVE USE	105094	52796	69756	55351	68716	89269	100747	112160	109708	98960	67317	67540	997414
PARKER DAM AND GOVERNMENT CAMP DIVERSION AT PARKER DAM	292	306	268	271	250	241	207	206	229	251	245	275	3041
RETURNS 4/ CONSUMPTIVE USE	104802	52490	69488	55080	68466	89028	100540	111954	109479	98709	67072	67265	994373
RETURNS 5/ CONSUMPTIVE USE	12	5	6	12	22	22	39	38	29	30	12	10	237
COLORADO RIVER INDIAN RESERVATION PUMPED FROM 11 PUMPS AND WELLS 4 PUMPS FROM RIVER	0	0	0	0	0	0	0	0	0	0	0	0	0
RETURNS 6/ CONSUMPTIVE USE	52	210	570	800	1028	1232	1607	1277	1419	349	241	55	8840
RETURNS 7/ CONSUMPTIVE USE	52	210	570	800	1028	1232	1607	1277	1419	349	241	55	8840
CITY OF WINTERHAVEN 1 WELL SE SE NE SEC 27 T16S R22E SBM	7	6	9	10	12	15	16	16	13	10	8	7	129
RETURNS 8/ CONSUMPTIVE USE	13490	32330	69720	83520	95310	102800	110700	106900	81620	61540	46540	57330	861800
RETURNS 9/ CONSUMPTIVE USE	27325	25519	31112	34204	38455	38340	42262	43867	41858	41137	35247	35875	435201
WATER MANAGEMENT ACCT. CREDITS 8/	6811	6811	38608	49316	56855	64460	68438	63033	39762	20403	11293	21455	426599
RETURNS 10/ CONSUMPTIVE USE	0	0	0	0	0	0	0	0	0	0	0	0	0
RETURNS 11/ CONSUMPTIVE USE	1411	4106	5469	6339	4320	1706	1751	1837	2872	4617	2760	1751	38939
RETURNS 12/ CONSUMPTIVE USE	55	53	85	90	55	28	26	27	56	76	52	55	658
RETURNS 13/ CONSUMPTIVE USE	1356	4053	5384	6249	4265	1678	1725	1810	2816	4541	2708	1696	38281
RETURNS 14/ CONSUMPTIVE USE	1232	3926	4812	5259	6394	5831	4817	4035	4334	5946	3486	2771	52843
RETURNS 15/ CONSUMPTIVE USE	31	30	43	44	53	55	58	35	61	66	44	63	583
RETURNS 16/ CONSUMPTIVE USE	1201	3896	4769	5215	6341	5776	4759	4000	4273	5880	3442	2708	52260
RETURNS 17/ CONSUMPTIVE USE	2883	2993	4101	3555	3245	2826	2889	3465	3421	4261	3120	3614	40373
RETURNS 18/ CONSUMPTIVE USE	-326	4956	6052	7909	7361	4628	3595	2345	3668	6160	3030	790	50168
RETURNS 19/ CONSUMPTIVE USE	59236	170509	319366	345485	346146	351312	377522	341296	266899	253359	182669	158128	3171927
RETURNS 20/ CONSUMPTIVE USE	4042	3934	8696	8644	8417	9705	13037	8974	10869	8192	6828	10007	101345
RETURNS 21/ CONSUMPTIVE USE	55194	166575	310670	336841	337729	341607	364485	332322	256030	245167	175841	148121	3070582
RETURNS 22/ CONSUMPTIVE USE	12058	17800	24848	32846	35065	36207	38561	40295	34595	27274	22461	15795	337805
RETURNS 23/ CONSUMPTIVE USE	823	411	677	822	853	1000	1332	1059	1409	882	840	1000	11108
RETURNS 24/ CONSUMPTIVE USE	11235	17389	24171	32024	34212	35207	37229	39236	33186	26392	21621	14795	326697

DIVERSIONS FROM MAINSTREAM-AVAILABLE RETURN FLOW
AND CONSUMPTIVE USE OF SUCH WATER
CALENDAR YEAR 1995
STATE OF CALIFORNIA

WATER USER	(ACRE-FEET)												
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL 1/
OTHER USERS PUMPING FROM COLORADO RIVER AND WELLS IN FLOOD PLAIN DAVIS DAM TO INTERNATIONAL BOUNDARY CALIFORNIA TOTALS	814	1725	2074	2387	2420	2118	2268	2543	2284	2647	2078	1721	25081
DIVERSION 5/ RETURNS CONSUMPTIVE USE	193573	283959	497552	533185	562191	593523	641806	615151	505397	457742	329200	306217	5519496
DIVERSION RETURNS	3527	33336	45094	47768	51470	52365	60006	57805	58098	55037	46494	51016	594016
CONSUMPTIVE USE	158046	250623	452458	485417	510721	541158	581800	557346	447299	402705	282706	255201	4925480
WATER MANAGEMENT	0	0	0	0	0	0	0	0	0	0	0	0	0
ACCT. CREDITS 8/	158046	250623	452458	485417	510721	541158	581800	557346	447299	402705	282706	255201	4925480
TOTAL USE	3423	4156	6601	8313	8313	7579	8313	7579	6357	5868	4645	3423	74570

WATER CONSERVATION PROGRAM
IMPERIAL I. D./METROPOLITAN W. D. CONSERVED WATER 9/

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/MMD land fallow test program of 0 acres with 4.6 acft/ac of use in 1995. Water is accounted as used in the year saved and stored for the exclusive future use of MMD and not to be additive to current year MMD diversions. Current total account credits deposited less this years diversions of 0 acre-feet is 185978 acre-feet.
- 9/ IID/MMD Water Conservation Program Phase 1 conserved water made available by IID for diversion in current year by MMD.
- 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 1995
STATE OF CALIFORNIA

FINAL RECORDS

WATER USER	(ACRE-FEET)											
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC TOTAL 1/
Ida Cal	17.5	177.9	112.8	192.2	346.3	62.0	131.4	189.6	0.0	0.0	0.0	1229.7
Ida Cal	22.6	19.7	63.8	68.8	71.8	35.6	83.0	0.0	29.8	39.4	0.0	467.5
Ida Cal	0.0	10.1	25.8	95.0	31.1	86.4	91.0	107.4	0.0	29.1	14.2	510.3
Southern Cal Gas	3.1	2.5	4.3	4.6	5.7	6.9	7.5	7.2	5.7	4.7	3.4	59.0
Havasu Water Company	3.1	2.5	2.8	1.3	5.4	5.5	7.6	7.6	7.1	3.3	7.1	57.6
SUBTOTALS, DAVIS DAM TO PARKER DAM	46.3	212.7	209.5	361.9	460.3	196.4	320.5	311.8	42.6	76.5	42.8	2324.1
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	30.0
Picacho Development Corp	6.3	8.8	9.3	5.2	6.1	14	13.7	13.9	14.3	4.6	8.3	114.7
SUBTOTALS, PARKER DAM TO IMPERIAL DAM	7.9	10.1	11.5	7.6	9.0	17.5	17.5	17.6	17.2	7.0	10.0	144.7
Land, Ralph	38.4	30.7	52.4	56.6	69.2	83.9	91.5	88.1	69.2	58.0	41.2	40.5
SEC02 T16S R23E DDC 2/4/	22.7	16.2	25.9	24.3	17.8	21.9	17.0	87.5	46.2	12.2	29.2	23.5
Living Earth Fm	10.4	115.4	124.3	111.2	58.3	0.0	31.4	16.9	144.5	188.0	35.0	28.5
Valdez, Mike	108.7	87.1	148.5	160.3	196.0	237.7	259.3	249.5	196.0	164.2	116.7	114.9
Power, Pete	32.0	25.6	43.7	47.2	57.7	69.9	76.3	73.4	57.7	48.3	34.3	33.8
Harp, P. (R. Harp)	72.6	263.1	340.9	329.2	309.8	217.8	202.2	305.9	261.8	235.9	251.5	278.7
Horizon Farms	24.3	10.5	42.1	64.0	153.1	98.0	107.7	166.9	105.3	87.5	77.8	13.0
Barrett	12.8	10.2	17.5	18.9	23.1	28.0	30.5	29.4	23.1	19.3	13.7	13.5
Ed Wavers Farms	31.6	166.1	127.2	153.9	196.9	175.8	158.0	94.8	54.3	27.5	161.2	83.4
Ed Wavers Farms	51.8	141.0	161.2	178.2	69.7	183.1	209.8	157.2	90.7	89.1	132.9	81.0
Berrymen	29.4	67.3	109.2	153.6	107.3	14.8	10.3	76.9	158.3	188.6	49.2	47.5
Ed Wavers Farms	5.7	39.8	11.4	45.5	28.4	48.4	85.3	76.8	17.1	0.0	8.5	0.0
Ed Wavers Farms	5.7	42.7	0.0	31.3	14.2	31.3	19.9	14.2	8.5	0.0	0.0	167.8
Living Earth Fm	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19.4
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	188.1
Wilson Farms	2.6	0.0	1.3	3.9	3.9	6.5	6.5	5.2	2.6	0.0	2.6	0.0
Horizon Farms	0.0	5.2	20.7	20.7	24.6	27.2	0.0	53.1	79.1	40.2	38.9	18.1
Dees, Alex	31.0	127.0	175.7	230.3	251.0	287.9	320.4	299.7	311.5	277.6	100.4	2490.8
Harp, Robert	51.2	41.0	69.9	75.5	92.3	111.8	122.0	117.4	92.3	77.3	54.9	96.0
Horizon Farms	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	107.9	89.3	134.8
Power, O. L.	38.8	106.8	91.2	91.2	42.7	73.8	107.3	40.8	71.8	186.4	242.7	332.0
Valdez, Mike	54.4	68.7	0.0	0.0	41.5	16.9	3.9	3.9	5.2	198.3	286.5	793.4
Valdez, Mike	122.0	126.9	272.0	202.7	169.8	115.4	26.4	225.8	375.8	487.9	163.2	441.7
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	240.0
Wetmore, 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	5.4
Williams, Jerry 3/	0.0	0.1	0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.1	0.0	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	0.3
Carney, Jerome D. 3/4/	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.5
Phillips, Dorothy L. 3/4/	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.1	0.1	1.8
SUBTOTALS, BELOW IMPERIAL DAM	759.3	1502.1	1853.1	2018.0	1951.2	1903.6	1930.6	2213.8	2223.8	2563.1	2025.6	1665.9
*** Total California Supplemental ***	814	1725	2074	2387	2420	2118	2268	2543	2284	2647	2078	1721
DEC TOTAL 1/												25081

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 1995
STATE OF NEVADA

WATER USER	(ACRE-FEET)												
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL 1/
BOULDER CANYON PROJECT DIVERION AT HOOVER DAM	3	2	0	1	4	1	0	0	0	0	0	0	11
ROBERT B. GRIFFITH WATER PROJECT DIVERION AT SADDLE ISLAND, LAKE MEAD BY USER:	18820	20150	23749	26743	27125	27767	29902	29522	28999	30537	27261	25056	315631
HENDERSON 4/	267	300	387	537	661	821	972	965	865	681	523	417	7397
HENDERSON 4/	969	1476	1786	2019	2394	2787	3671	3943	3253	2940	2342	1967	29946
LAS VEGAS VALLEY W.D. 4/	15551	16163	18896	20934	20508	20880	21581	20936	21714	23389	21489	20118	242159
NORTH LAS VEGAS 4/	1941	2078	2514	3018	3266	2921	3256	3270	2822	3269	2715	2414	33484
NELLIS AIR FORCE BASE 4/	92	133	166	235	295	358	423	408	345	258	192	140	3045
LAKE MEAD NATIONAL RECREATION AREA DIVERIONS FROM LAKE MEAD	34	32	38	56	74	94	106	110	104	100	81	56	885
LAKE MEAD NATIONAL RECREATION AREA DIVERION FROM LAKE MOHAVE (COTTONWOOD)	12	14	16	23	24	33	40	68	54	34	25	19	362
BASIC MANAGEMENT INC. DIVERION AT SADDLE ISLAND, LAKE MEAD	503	421	386	440	453	481	509	504	478	484	436	390	5485
CITY OF HENDERSON DIVERION AT SADDLE ISLAND, LAKE MEAD	497	368	556	1172	1577	1630	1634	1541	1443	1080	849	654	13001
NEVADA DEPARTMENT OF FISH & GAME DIVERION AT SADDLE ISLAND, LAKE MEAD	412	380	374	328	339	354	475	458	442	457	428	442	4889
CITY OF BOULDER CITY DIVERION AT HOOVER DAM	0	0	0	1	0	1	1	0	0	1	0	0	4
PACIFIC COAST BUILDING PRODUCTS INC. DIVERION AT GYPSUM WASH, LAKE MEAD	59	47	54	50	56	59	55	68	65	64	67	54	698
SOUTHERN NEVADA WATER AUTHORITY (SCE) PUMPED FROM SEC 24 T32S R66E MDB&M	684	1056	508	874	1255	1153	1423	1527	1345	1304	1209	943	13281
BIG BEND WATER DISTRICT DIVERION SEC 12 T32S R66E MDB&M	292	316	346	404	481	500	519	628	553	523	424	327	5313
LAS VEGAS WASH RETURN FLOWS	39	65	94	103	84	5	79	112	100	109	104	52	946
	253	251	252	301	397	495	440	516	453	414	320	275	4367
	13832	10769	12113	12806	12057	9989	9847	9862	10153	11414	11777	11969	136588

DIVERSIONS FROM MAINSTREAM-AVAILABLE RETURN FLOW
AND CONSUMPTIVE USE OF SUCH WATER
CALENDAR YEAR 1995
STATE OF NEVADA

WATER USER	(ACRE-FEET)												
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC TOTAL 1/	
OTHER USERS PUMPING FROM COLORADO RIVER AND WELLS IN FLOOD PLAIN DAVIS DAM TO CALIFORNIA BOUNDARY	1	1	2	2	2	2	3	3	2	2	1	1	22
DIVERSION 3/ RETURNS	21317	22792	26038	30116	31425	32106	34705	34464	33513	34609	30808	27965	359858
CONSUMPTIVE USE	14283	11214	12581	13236	12480	10347	10400	10432	10695	11979	12309	12463	142419
	7034	11578	13457	16880	18945	21759	24305	24032	22818	22630	18499	15502	217439
NEVADA TOTALS													
GROUNDWATER INJECTED STORAGE 5/													
LAS VEGAS VALLEY WATER DIST.	4165	3048	2587	121	0	0	0	0	0	0	2608	4133	16662
CITY OF NORTH LAS VEGAS	0	0	0	0	0	0	0	0	1619	1322	7	0	2948
	434	333	336	320	221	0	0	0	0	293	266	308	2511
	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 94968 AF plus current year increase in injected storage of 19173 AF less current year withdrawals from injected storage of 2948 AF yields year end total of 111193 AF injected storage. Beginning 1995 storage corrected by Nevada Division of Water Resources on 8/24/95.

PUMPAGE FROM COLORADO RIVER
AND WELLS IN FLOOD PLAIN
DAVIS DAM TO INTERNATIONAL BOUNDARY
CALENDAR YEAR 1995
STATE OF NEVADA

FINAL RECORDS (ACRE- FEET)

WATER USER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL 1/
Sportsman's Park 2/	0.6	0.5	0.8	0.9	1.1	1.4	1.5	1.4	1.1	0.9	0.7	0.7	11.6
Boy Scouts of America	0.5	0.4	0.7	0.8	0.9	1.1	1.2	1.2	0.9	0.8	0.6	0.6	9.8
*** Total Nevada Supplemental ***	1	1	2	2	2	2	3	3	2	2	1	1	22

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 1995

The following tabulations for calendar year 1995 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 1995
STATE OF ARIZONA

WATER USER	FINAL RECORDS (ACRE-FEET)												TOTAL
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
CENTRAL ARIZONA PROJECT DIVERSION AT LAKE HAVASU	22688	11167	2645	1427	9163	7543	7472	2777	1737	3123	15457	2775	87974
ORDERED BUT NOT DIVERTED DELIVERED TO MEXICO IN SATISFACTION OF TREATY													
DIVERTED BY OTHERS													
DELIVERED TO STORAGE 2/ DELIVERED TO MEXICO IN EXCESS OF TREATY	22688	11167	2645	1427	9163	7543	7472	2777	1737	3123	15457	2775	87974
COLO. RIVER INDIAN RESERVATION DIVERSION AT HEADGATE ROCK	149	1771	1388	1089	2122	1825	456	79	512	2634	1111	2067	15203
ORDERED BUT NOT DIVERTED DELIVERED TO MEXICO IN SATISFACTION OF TREATY													
DIVERTED BY OTHERS	24	795	621	873	1148	1133	361	56	345	678	430	879	7343
DELIVERED TO STORAGE 2/ DELIVERED TO MEXICO IN EXCESS OF TREATY	125	922	698	216	974	692	95	11	167	1956	681	1188	7725
NORTH GILA VALLEY I.D. DIVERSION AT IMPERIAL DAM	1476	2208	2876	2063	2227	1954	2011	724	1694	2779	2819	2162	24993
ORDERED BUT NOT DIVERTED DELIVERED TO MEXICO IN SATISFACTION OF TREATY													
DIVERTED BY OTHERS	313	710	708	789	855	950	879	581	811	956	256	401	8209
DELIVERED TO STORAGE 2/ DELIVERED TO MEXICO IN EXCESS OF TREATY	927	1462	2045	1274	1372	1004	1132	143	883	1823	2563	1761	16389
STURGES (WARREN ACT) GILA PROJECT DISTRICTS DIVERSION AT IMPERIAL DAM 1/	236	36	123	0	0	0	0	0	0	0	0	0	395
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	0	0	0	0	0	0	0	0	0	0	0	0	0
WELLTON-MOHAWK I. & D. DISTRICT DIVERSION AT IMPERIAL DAM	2880	2924	3824	5324	3120	3001	2743	1093	2237	3725	6004	4465	41340
ORDERED BUT NOT DIVERTED DELIVERED TO MEXICO IN SATISFACTION OF TREATY													
DIVERTED BY OTHERS	95	498	325	313	549	347	426	282	440	272	411	238	4196
DELIVERED TO STORAGE 2/ DELIVERED TO MEXICO IN EXCESS OF TREATY	2267	2359	3291	5011	2571	2654	2317	811	1797	3453	5593	4227	36351
YUMA IRRIGATION DISTRICT DIVERSION AT IMPERIAL DAM	518	67	208	0	0	0	0	0	0	0	0	0	793
ORDERED BUT NOT DIVERTED DELIVERED TO MEXICO IN SATISFACTION OF TREATY													
DIVERTED BY OTHERS	607	177	490	107	177	73	359	115	210	319	526	397	3557
DELIVERED TO STORAGE 2/ DELIVERED TO MEXICO IN EXCESS OF TREATY	56	38	56	8	16	46	61	75	38	73	12	36	515
	501	135	434	99	161	27	298	40	172	246	514	361	2988
	50	4	0	0	0	0	0	0	0	0	0	0	54

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 1995
 STATE OF ARIZONA

WATER USER	FINAL RECORDS												TOTAL
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
YUMA MESA I. & D. DISTRICT DIVERSION AT IMPERIAL DAM	2069	1188	2285	2188	3015	2176	674	625	1234	2747	1365	2583	22149
ORDERED BUT NOT DIVERTED DELIVERED TO MEXICO IN SATISFACTION OF TREATY													
DIVERTED BY OTHERS	228	401	270	484	873	764	383	317	516	514	56	645	5451
DELIVERED TO STORAGE 2/ DELIVERED TO MEXICO IN EXCESS OF TREATY	1538	781	1946	1704	2142	1412	291	308	718	2233	1309	1938	16320
UNIT "B" I. & D. DISTRICT DIVERSION AT IMPERIAL DAM	303	6	69	0	0	0	0	0	0	0	0	0	378
ORDERED BUT NOT DIVERTED DELIVERED TO MEXICO IN SATISFACTION OF TREATY													
DIVERTED BY OTHERS	26	95	44	14	30	56	125	196	139	93	0	79	897
DELIVERED TO STORAGE 2/ DELIVERED TO MEXICO IN EXCESS OF TREATY	257	107	188	284	168	251	180	98	170	185	83	183	2154
YUMA COUNTY WATER USERS ASSN. DIVERSION AT IMPERIAL DAM	30	0	10	0	0	0	0	0	0	0	0	0	40
ORDERED BUT NOT DIVERTED DELIVERED TO MEXICO IN SATISFACTION OF TREATY													
DIVERTED BY OTHERS	534	1799	1583	1811	1688	1077	1688	1982	1230	883	1505	1371	17151
DELIVERED TO STORAGE 2/ DELIVERED TO MEXICO IN EXCESS OF TREATY	1299	1516	1982	3219	2682	1067	260	368	698	4802	4176	1924	23993
ARIZONA TOTALS	450	63	93	0	0	0	0	48	0	0	0	0	654
ORDERED BUT NOT DIVERTED DELIVERED TO MEXICO IN SATISFACTION OF TREATY													
DIVERTED BY OTHERS	32465	23015	17408	17526	24392	19023	15968	8105	9861	21290	33046	18006	240105
DELIVERED TO STORAGE 2/ DELIVERED TO MEXICO IN EXCESS OF TREATY	1276	4336	3607	4292	5159	4373	3923	3489	3519	3469	2670	3649	43762
	29602	18449	13229	13234	19233	14650	12045	4556	6342	17821	30376	14357	193894
	1587	230	572	0	0	0	0	60	0	0	0	0	2449

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 1995
STATE OF CALIFORNIA

WATER USER	FINAL RECORDS (ACRE-FEET)												TOTAL
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
METROPOLITAN WATER DISTRICT DIVERSION AT LAKE HAVASU	5026	6736	4850	4918	2530	3585	5437	2942	392	5544	4792	1299	48051
ORDERED BUT NOT DIVERTED DELIVERED TO MEXICO IN SATISFACTION OF TREATY	5026	6736	4850	4918	2530	3585	5437	2942	392	5544	4792	1299	48051
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	621	303	1864	2977	5831	5990	4245	4542	2499	1513	1468	1571	33424
ORDERED BUT NOT DIVERTED DELIVERED TO MEXICO IN SATISFACTION OF TREATY	621	303	1864	2977	5831	5990	4245	4542	2499	1513	1468	1571	33424
DIVERTED BY OTHERS	113	18	756	1888	2696	3775	3564	3898	1968	161	492	926	20255
DELIVERED TO STORAGE 1/ DELIVERED TO MEXICO IN EXCESS OF TREATY	415	277	1108	1089	3135	2215	681	567	531	1352	976	645	12991
YUMA PROJECT RESV. DIVISION DIVERSION AT IMPERIAL DAM	93	8	0	0	0	0	0	77	0	0	0	0	178
ORDERED BUT NOT DIVERTED DELIVERED TO MEXICO IN SATISFACTION OF TREATY	3219	4072	1795	970	2146	2114	2384	1980	926	746	3598	2825	26775
DIVERTED BY OTHERS	772	2781	288	228	839	1478	1857	1509	494	97	1109	1438	12890
DELIVERED TO STORAGE 1/ DELIVERED TO MEXICO IN EXCESS OF TREATY	1751	1226	1408	742	1307	636	527	471	432	649	2489	1387	13025
IMPERIAL IRRIGATION DISTRICT DIVERSION AT IMPERIAL DAM	696	65	99	0	0	0	0	0	0	0	0	0	860
ORDERED BUT NOT DIVERTED DELIVERED TO MEXICO IN SATISFACTION OF TREATY	11804	8759	3517	7990	1690	2473	863	1601	1660	2979	1456	430	45222
DIVERTED BY OTHERS	2809	1797	811	1119	645	510	516	990	571	702	167	105	10742
DELIVERED TO STORAGE 1/ DELIVERED TO MEXICO IN EXCESS OF TREATY	6000	6085	2575	6871	1045	1963	347	611	1089	2277	1289	325	30477
COACHELLA VALLEY WATER DIST. DIVERSION AT IMPERIAL DAM	2995	877	131	0	0	0	0	0	0	0	0	0	4003
ORDERED BUT NOT DIVERTED DELIVERED TO MEXICO IN SATISFACTION OF TREATY	823	240	528	288	393	428	24	258	220	502	204	541	4449
DIVERTED BY OTHERS	42	115	131	28	182	371	24	242	113	157	38	228	1671
DELIVERED TO STORAGE 1/ DELIVERED TO MEXICO IN EXCESS OF TREATY	501	121	314	260	211	57	0	10	107	345	166	313	2405
CALIFORNIA TOTALS	280	4	83	0	0	0	0	6	0	0	0	0	373
ORDERED BUT NOT DIVERTED DELIVERED TO MEXICO IN SATISFACTION OF TREATY	20110	12554	17143	12590	14590	12953	11323	5697	11284	11518	6666	157921	157921
DIVERTED BY OTHERS	3736	4711	1986	3263	4362	6134	5961	6639	3146	1117	1806	2697	45558
DELIVERED TO STORAGE 1/ DELIVERED TO MEXICO IN EXCESS OF TREATY	13693	14445	10255	13880	8228	8456	6992	4601	2551	10167	9712	3969	106949
	4064	954	313	0	0	0	0	83	0	0	0	0	5414

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 1995

DELIVERIES TO MEXICO IN SATISFACTION OF PART III OF 1944 TREATY
AND
WATER PASSING TO MEXICO IN EXCESS OF TREATY REQUIREMENTS
CALENDAR YEAR 1995

FINAL RECORDS

WATER USER	(ACRE- FEET)												TOTAL
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
DELIVERY AT NORTH INTERNATIONAL BOUNDARY 1/	123766	154761	172389	164659	164710	185727	196506	91890	82964	69709	95876	92910	1595867
DELIVERY AT SOUTH INT. LAND BOUNDARY	8182	9410	10990	11520	9695	8067	7803	9477	9701	11215	10350	10049	116459
TOTAL DELIVERY IN SATISFACTION OF TREATY	131948	164171	183379	176179	174405	193794	204309	101367	92665	80923	106225	102959	1712324
TO MEXICO AS SCHEDULED	124463	163088	183314	157029	151189	118256	125994	95786	92420	80232	105392	102838	1500001
TO MEXICO IN EXCESS OF SCHEDULE 2/	7485	1083	65	19150	23216	75538	78315	5581	245	691	833	121	212323
BYPASS PURSUANT TO MINUTE 242	11713	11184	9932	10296	11617	11308	12491	11400	8829	9731	6752	10223	125476

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 1995

DIVERIONS FROM MAINSTREAM OF GILA AND SAN FRANCISCO RIVERS
AND
CONSUMPTIVE USE OF SUCH WATER FOR BENEFIT OF THE GILA NATIONAL FOREST
CALENDAR YEAR 1995

FINAL RECORDS

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