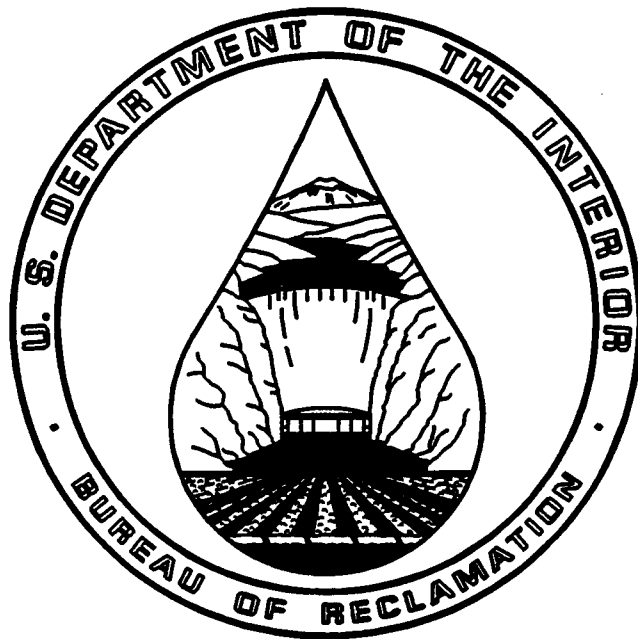


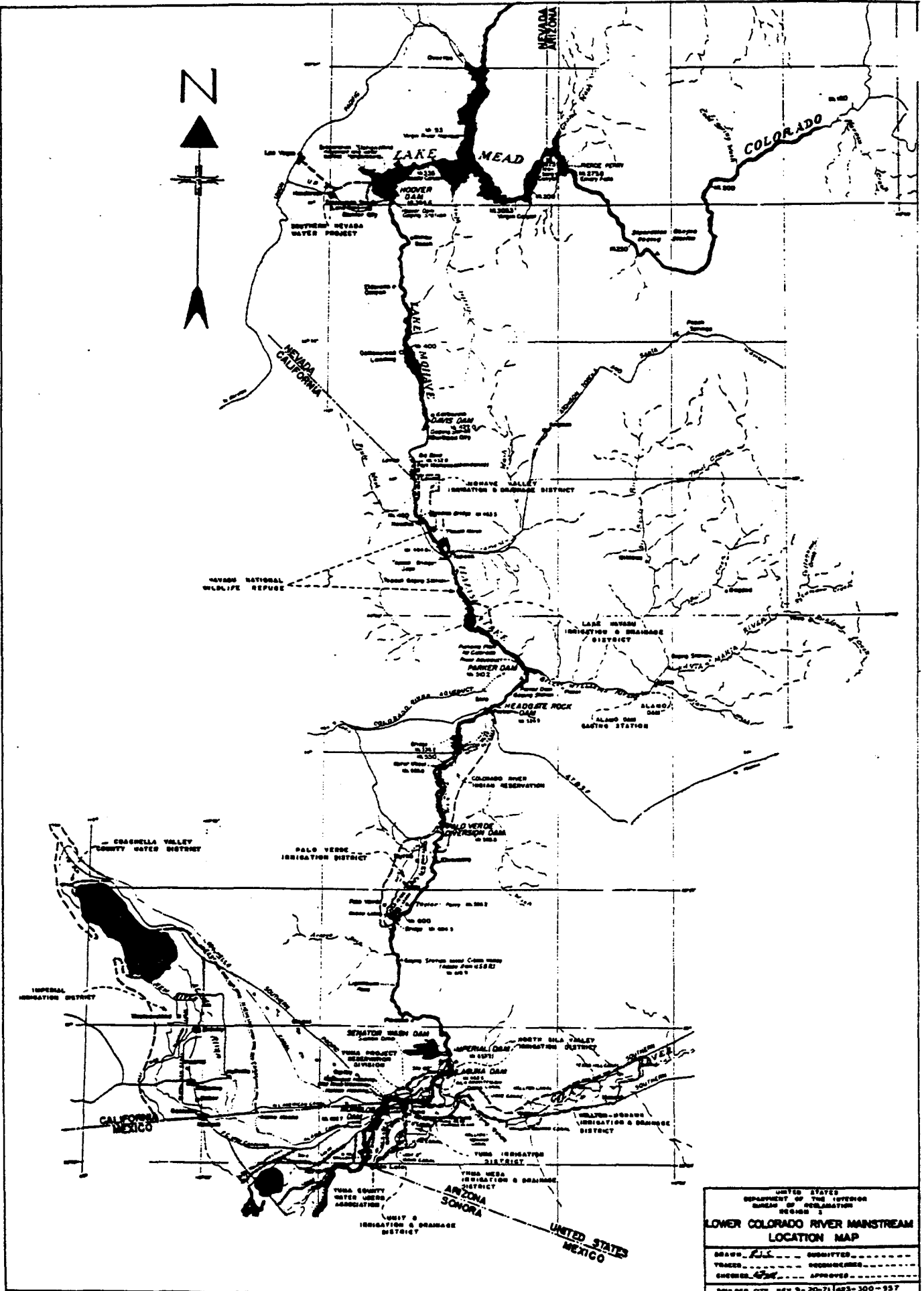
COMPILATION OF RECORDS IN  
ACCORDANCE WITH ARTICLE V OF THE  
DECREE OF THE SUPREME COURT OF  
THE UNITED STATES IN  
ARIZONA v. CALIFORNIA DATED MARCH 9, 1964

CALENDAR YEAR 1992



Bureau of Reclamation

Lower Colorado Region  
Boulder City, Nevada



UNITED STATES  
 DEPARTMENT OF THE INTERIOR  
 BUREAU OF RECLAMATION  
 SECTION 1  
**LOWER COLORADO RIVER MAINSTREAM  
 LOCATION MAP**  
 DRAWN BY *[Signature]* SUBMITTED BY *[Signature]*  
 CHECKED BY *[Signature]* RECHECKED BY *[Signature]*  
 CHECKED BY *[Signature]* APPROVED BY *[Signature]*  
 SMOLETT CITY, NOV. 9-20-71 | 423-300-937

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S U M M A R Y  
 CONSUMPTIVE USE, DELIVERY TO MEXICO, AND RESERVOIR STORAGE  
 CALENDAR YEAR 1992

FINAL RECORDS

(THOUSAND ACRE-FEET)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
<b>WATER USE SUMMARY</b>													
ARIZONA	28.3	65.4	96.7	181.9	210.9	271.6	327.9	243.4	159.2	137.9	99.9	82.8	1906.1
CALIFORNIA	241.8	236.6	320.1	469.7	525.4	504.0	526.7	412.7	379.1	389.0	321.2	220.0	4546.2
NEVADA	8.0	7.9	8.2	13.1	18.5	19.1	22.5	22.5	18.5	16.5	12.4	10.2	177.5
STATES TOTAL	278.1	310.0	425.0	664.7	754.8	794.7	877.1	678.6	556.8	543.5	433.5	313.1	6629.8
<b>MEXICO IN SATISFACTION OF TREATY</b>													
MEXICO BYPASS PURSUANT TO MINUTE 242	117.6	126.3	197.6	190.7	123.2	124.6	158.5	146.2	96.4	86.3	88.2	125.3	1580.7
	12.3	10.9	10.5	8.4	10.2	9.5	9.4	8.2	7.9	7.9	2.8	3.1	101.1
<b>USE TOTAL</b>	<b>407.9</b>	<b>447.2</b>	<b>633.1</b>	<b>863.8</b>	<b>888.1</b>	<b>928.8</b>	<b>1045.0</b>	<b>832.9</b>	<b>661.1</b>	<b>637.7</b>	<b>524.5</b>	<b>441.5</b>	<b>8311.6</b>
<b>END OF MONTH ACTIVE CONTENTS:</b>													
LAKE POWELL	13897	13745	13699	13913	14935	15276	14913	14427	14085	13892	13704	13334	
LAKE MEAD	19780	20065	20182	20112	19788	19497	19349	19307	19416	19447	19546	19729	
LAKE MOHAVE	1672	1654	1672	1585	1664	1604	1522	1639	1623	1539	1494	1623	
LAKE HAVASU	550	550	574	589	607	594	595	580	548	541	535	550	
LOWER BASIN TOTAL STORAGE	22002	22269	22428	22285	22059	21695	21466	21527	21587	21526	21575	21903	

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 1992

The following tabulations for calendar year 1992 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 "Divisions 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 1992

FINAL RECORDS	(THOUSAND ACRE-FEET)												
STRUCTURE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
GLEN CANYON DAM	784.7	639.1	593.3	570.7	584.3	662.8	848.7	838.6	683.2	515.5	560.8	653.6	7935.3
HOOVER DAM	301.3	424.9	612.9	721.3	930.6	877.0	961.1	898.5	593.4	512.1	456.9	537.3	7827.3
DAVIS DAM	404.9	446.2	611.4	794.4	831.8	946.1	1020.0	744.2	591.5	589.4	487.3	386.3	7853.5
PARKER DAM	294.4	353.3	496.9	661.0	627.3	693.3	760.3	553.8	493.7	471.3	366.1	214.0	5985.4
HEADGATE ROCK DAM 1/	283.5	325.0	458.0	602.1	558.8	607.9	664.0	485.5	452.4	435.1	339.1	193.6	5405.0
PALO VERDE DAM	236.3	272.6	397.0	488.7	453.0	503.4	572.0	433.9	381.3	391.4	303.7	204.5	4637.8
IMPERIAL DAM	25.2	22.4	70.1	22.6	23.3	22.0	25.0	39.3	32.4	30.3	23.3	44.1	380.2
DIVERSION TO MITTRY LAKE FROM GILA MAIN CANAL	0.9	0.7	0.9	0.8	0.7	0.8	0.9	0.9	0.9	0.9	0.6	0.7	9.7
SUM IMPERIAL DAM + DIVERSION TO MITTRY LAKE	26.1	23.1	71.0	23.4	24.0	22.8	25.9	40.2	33.3	31.2	23.9	44.7	389.9
LAGUNA DAM	31.0	28.0	76.6	28.8	23.7	24.2	25.8	41.0	37.2	33.1	24.8	39.6	413.6

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 1992

The following tabulations for calendar year 1992 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 "kilowatthour 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 1992 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.

DIVERSIONS FROM MAINSTREAM-AVAILABLE RETURN FLOW  
AND CONSUMPTIVE USE OF SUCH WATER  
CALENDAR YEAR 1992  
STATE OF ARIZONA

FINAL RECORDS		(ACRE-FEET)												
WATER USER		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL 1/
LAKE MEAD NAT'L RECREATION, AZ. DIVERSIONS FROM LAKE MOHAVE (DAVIS & KATHERINE LANDING)	DIVERSION RETURNS CONSUMPTIVE USE	21	21	20	32	51	53	59	28	27	21	11	9	353
L.C.R.D. PROJECT (DAVIS DAM) DIVERSION AT DAVIS DAM	DIVERSION RETURNS CONSUMPTIVE USE	5	4	7	7	14	16	19	15	16	16	14	10	143
BULLHEAD CITY PUMPED FROM WELLS	DIVERSION	395	392	340	431	482	548	591	633	496	592	441	366	5707
DIV. AT DAVIS DAM, MOHAVE CO. PARKS	DIVERSION RETURNS CONSUMPTIVE USE	3	3	8	8	9	10	9	11	11	10	6	9	97
MOHAVE WATER CONSERVATION PUMPED FROM WELLS	DIVERSION RETURNS CONSUMPTIVE USE	398	395	348	439	491	558	600	644	507	602	447	375	5804
CONSOLIDATED WATER UTILITIES PUMPED FROM RIVER	DIVERSION RETURNS CONSUMPTIVE USE	23	24	28	34	35	46	55	54	56	43	34	31	463
MOHAVE VALLEY I. & D. DISTRICT PUMPED FROM WELLS	DIVERSION RETURNS CONSUMPTIVE USE	22	20	21	27	35	37	39	36	33	28	24	20	342
FORT MOHAVE INDIAN RESERVATION 15 PUMPS AND WELLS IN FLOOD PLAIN	DIVERSION RETURNS CONSUMPTIVE USE	976	989	1780	3718	3471	4888	5840	5585	3151	2531	1586	1204	35719
GOLDEN SHORES WATER CONSERVATION DIST PUMPED FROM WELLS	DIVERSION 2/ RETURNS CONSUMPTIVE USE	929	647	3767	3630	4413	8847	8493	6687	2467	1820	1937	1138	44775
HAVASU NATIONAL WILDLIFE REFUGE INLET-NW NE NW SEC 33 T9N RSSW G&SRM WELL 8N/23E-15Aa (TOPOCK MARSH)	DIVERSION RETURNS CONSUMPTIVE USE	21	17	28	31	37	45	49	48	37	31	22	22	389
LAKE HAVASU IRRIGATION AND DRAINAGE DISTRICT PUMPED FROM WELLS	DIVERSION RETURNS CONSUMPTIVE USE	113	1690	1310	3010	5820	4170	5850	2600	1290	1580	322	1410	29165
CENTRAL ARIZONA PROJECT PUMPED FROM LAKE HAVASU	DIVERSION 2/ RETURNS CONSUMPTIVE USE	12	9	16	17	21	26	28	27	21	18	13	12	220
TOWN OF PARKER PUMPED FROM RIVER	DIVERSION RETURNS CONSUMPTIVE USE	0	0	0	0	0	21	30	16	0	0	0	0	67
1 WELL-NW NW NW SEC 7 T9N R19W G&SRM	DIVERSION RETURNS CONSUMPTIVE USE	46	45	47	74	99	102	106	92	93	80	56	45	885
	DIVERSION RETURNS CONSUMPTIVE USE	0	0	0	0	0	1	2	2	0	0	0	0	5
	DIVERSION RETURNS CONSUMPTIVE USE	46	45	47	74	99	122	134	106	93	80	56	45	947
	DIVERSION RETURNS CONSUMPTIVE USE	671	626	667	949	1193	1272	1430	1374	1292	1154	892	723	12243
	DIVERSION RETURNS CONSUMPTIVE USE	8242	12187	20515	32964	53551	86140	128755	103079	40239	24950	21788	59671	592081 ←

DIVERSIONS FROM MAINSTREAM-AVAILABLE RETURN FLOW  
AND CONSUMPTIVE USE OF SUCH WATER  
CALENDAR YEAR 1992  
STATE OF ARIZONA

FINAL RECORDS		(ACRE-FEET)												
WATER USER		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL 1/
COLORADO RIVER INDIAN RESERVATION														
DIVERSION AT HEADGATE ROCK DAM	DIVERSION	10850	28310	38910	58870	68530	85420	96280	68310	41270	36170	27020	20420	580360
1 PUMP FROM RIVER (B-04-22)14 BBD	DIVERSION 2/3/ RETURNS	320	256	437	472	577	699	763	734	577	483	343	338	6000
	CONSUMPTIVE USE	11966	15711	18314	17919	20923	19900	24096	25913	20839	18932	17842	16669	229024
		-796	12855	21033	41423	48184	66219	72947	43131	21008	17721	9521	4089	357333
EHRENBURG IMPROVEMENT ASSN.														
1 PUMP (B-03-22)03-BAC	DIVERSION	19	17	18	29	32	37	41	36	34	28	22	17	330
	RETURNS													
	CONSUMPTIVE USE													
CIBOLA VALLEY IRRIGATION DISTRICT														
3 PUMPS SEC'S 20, 21 & 2611N R23W	DIVERSION 2/ RETURNS	111	636	2501	1481	2467	3273	3401	2831	1209	1333	976	54	20273
	CONSUMPTIVE USE													
CIBOLA NATIONAL WILDLIFE REFUGE														
3 PUMPS	DIVERSION	1489	1157	1094	839	1042	1530	975	1189	1630	2074	1489	1623	16131
	RETURNS													
	CONSUMPTIVE USE													
IMPERIAL NATIONAL WILDLIFE REFUGE														
2 WELLS SEC 13 T5S R22W G&SRM	DIVERSION 2/ RETURNS	427	342	583	629	769	932	1017	979	769	644	458	451	8002
	CONSUMPTIVE USE													
YUMA PROVING GROUND														
DIVERSION AT IMPERIAL DAM	DIVERSION	0	2	0	2	4	3	1	1	0	2	0	4	19
	RETURNS													
	CONSUMPTIVE USE													
STURGES														
DIVERSION AT IMPERIAL DAM (WARREN ACT)	DIVERSION	185	442	516	547	452	781	786	559	410	680	316	173	5847
	RETURNS													
	CONSUMPTIVE USE													
WELLTON MOHAWK I. & D. DISTRICT														
DIVERSION AT IMPERIAL DAM	DIVERSION	9566	23008	22963	40927	39895	46316	50034	35650	40987	28776	29862	9110	377094
	RETURNS	12175	11097	10654	8590	11690	11020	10364	11272	10307	9739	5539	5455	117902
	CONSUMPTIVE USE	-2609	11911	12309	32337	28205	35296	39670	24378	30680	19037	24323	3655	259192
CITY OF YUMA														
DIVERSION AT IMPERIAL DAM (AAC)	DIVERSION	1269	1229	1308	1632	1964	2186	2314	2208	2118	1899	1559	1378	21064
DIVERSION AT IMPERIAL DAM (GILA)	DIVERSION	44	48	47	43	54	59	59	55	56	55	52	44	616
	RETURNS	796	743	796	801	745	773	736	780	803	791	756	768	9288
	CONSUMPTIVE USE	517	534	559	874	1273	1472	1637	1483	1371	1163	855	654	12392
MARINE CORPS AIR STATION (YUMA)														
DIVERSION AT IMPERIAL DAM	DIVERSION	81	54	52	127	180	187	287	278	255	200	92	31	1824
	RETURNS													
	CONSUMPTIVE USE													
SOUTHERN PACIFIC COMPANY														
DIVERSION AT IMPERIAL DAM	DIVERSION	4	4	4	4	4	4	4	4	4	4	4	4	48
	RETURNS													
	CONSUMPTIVE USE													
YUMA MESA FRUIT GROWERS ASSN.														
DIVERSION AT IMPERIAL DAM	DIVERSION	1	1	1	1	1	1	1	1	1	1	1	1	12
	RETURNS													
	CONSUMPTIVE USE													

DIVERSIONS FROM MAINSTREAM-AVAILABLE RETURN FLOW  
AND CONSUMPTIVE USE OF SUCH WATER  
CALENDAR YEAR 1992  
STATE OF ARIZONA

FINAL RECORDS		(ACRE-FEET)												
WATER USER		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL 1/
UNIVERSITY OF ARIZONA DIVERSION AT IMPERIAL DAM (WARREN ACT)	DIVERSION RETURNS CONSUMPTIVE USE	66	47	39	59	63	132	107	107	99	99	76	38	932
YUMA UNION HIGH SCHOOL DIVERSION AT IMPERIAL DAM	DIVERSION RETURNS CONSUMPTIVE USE	39	27	27	27	21	29	27	27	31	22	22	18	317
CAMILLE, ALEC. JR. DIVERSION AT IMPERIAL DAM (WARREN ACT)	DIVERSION RETURNS CONSUMPTIVE USE	3	0	3	2	3	0	0	0	6	6	4	0	27
DESERT LAWN MEMORIAL DIVERSION AT IMPERIAL DAM	DIVERSION RETURNS CONSUMPTIVE USE	1	1	3	9	4	15	14	15	13	10	5	0	90
NORTH GILA VALLEY IRRIGATION DISTRICT DIVERSION AT IMPERIAL DAM 7/	DIVERSION RETURNS CONSUMPTIVE USE	2541 1525 1016	2946 1632 1314	3466 1831 1635	4551 2134 2417	4911 2557 2354	4635 2368 2267	3238 1841 1397	2232 1266 966	4008 2430 1578	4957 3075 1882	3239 2042 1197	1518 1145 373	42242 23846 18396
YUMA IRRIGATION DISTRICT DIVERSION AT IMPERIAL DAM 7/ PUMPED FROM PRIVATE WELLS	DIVERSION DIVERSION RETURNS CONSUMPTIVE USE	2484 192 402 2274	3453 368 504 3317	3581 318 540 3359	6567 611 962 6216	5224 786 1100 4910	3235 792 763 3264	3944 434 803 3575	4161 396 715 3842	7842 862 1566 7138	6801 608 1370 6039	4659 636 1015 4280	1733 2 420 1315	53684 6005 10160 49529
YUMA MESA I. & D. DISTRICT DIVERSION AT IMPERIAL DAM 7/	DIVERSION RETURNS CONSUMPTIVE USE	9797 3026 6771	8708 2867 5841	12086 3055 9031	19441 3754 15687	26653 1352 25301	28775 2445 26330	32016 4968 27048	28736 4049 24687	24560 3956 20604	17903 3050 14853	14140 2116 12024	4700 1876 2824	227515 36514 191001
UNIT "B" I. & D. DISTRICT DIVERSION AT IMPERIAL DAM 7/7E/	DIVERSION RETURNS CONSUMPTIVE USE	1338 534 804	1029 506 523	1719 539 1180	2816 663 2153	3281 239 3042	3505 432 3073	4190 877 3313	3712 714 2998	3244 698 2546	3542 538 3004	2014 373 1641	881 331 550	31271 6444 24827
YUMA COUNTY WATER USERS ASSOCIATION DIVERSION AT IMPERIAL DAM PUMPED FROM WELLS 7E/	DIVERSION DIVERSION RETURNS CONSUMPTIVE USE	15587 608 9043 7152	17612 511 7993 10130	21423 610 8661 13372	37544 607 9135 29016	30217 591 9988 20820	25349 540 7918 17971	24827 581 8139 17269	21633 532 8725 13440	28334 584 8910 20008	47605 628 13313 34920	27090 446 12049 15487	13381 556 10892 3045	310602 6794 114766 202630
COCOPA INDIAN RESERVATION DIVERSION AT IMPERIAL DAM PUMPED FROM WELLS 7E/	DIVERSION DIVERSION RETURNS CONSUMPTIVE USE	72 3 2 73	76 2 3 75	9 0 0 9	254 4 7 251	235 5 8 232	145 3 3 145	167 4 3 168	0 0 0 0	250 5 9 246	317 4 9 312	52 1 1 52	9 0 0 9	1586 31 45 1572
PUMPED FROM SOUTH GILA WELLS (DPOC'S)	RETURNS 5/	2667	2256	2490	516	2473	2550	2887	2221	3050	3170	3521	3441	31242
OTHER USERS PUMPING FROM COLORADO RIVER AND WELLS IN FLOOD PLAIN DAVIS DAM TO INTERNATIONAL BOUNDARY	DIVERSION 6/ RETURNS CONSUMPTIVE USE	1893	1749	3296	3347	4778	5017	5735	4420	3425	4211	3388	2690	43956

DIVERSIONS FROM MAINSTREAM-AVAILABLE RETURN FLOW  
AND CONSUMPTIVE USE OF SUCH WATER  
CALENDAR YEAR 1992  
STATE OF ARIZONA

WATER USER	FINAL RECORDS												TOTAL 1/	
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		
ARIZONA TOTALS														
	DIVERSION	70468	108708	143568	226374	261974	319821	382601	299090	211812	191936	145111	123843	2485307
	RETURNS	42136	43312	46880	44481	51075	48173	54716	55657	52568	53987	45254	40997	579236
	CONSUMPTIVE USE	28332	65396	96688	181893	210899	271648	327885	243433	159244	137949	99857	82846	1906071



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 as is available for use in the United States or in satisfaction of the Mexican Treaty obligation, and evaporative or other losses from the Colorado River resulting from actions taken subsequent to March 9, 1964.

- 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	Annual Totals (Acre-Feet)
Diversion at Imperial Dam A/	323441
Pumped from wells	6005
Surface returns from South Gila Valley (S.Gila Canal Wasteway)	2645
Return flow North Gila Valley (6 drains & wasteways)	7794
Return flow South Gila Valley wells (DPOC's)	31242
Return flow Yuma Mesa Outlet Drain B/	17000
Return flow protective and regulatory pumping unit C/	19514
Estimated unmeasured groundwater return flow D/	23568
Subtotal return flow E/	101763 101762 check
Consumptive Use (see note above)	227683

- (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) Additional unmeasured amounts of return flows from the Yuma Mesa Irrigation and Drainage District, 'Unit B', the Cocopah Indian Reservation, and the Yuma County Water Users Association (YCWUA) are utilized to meet consumptive uses in the United States and in partial satisfaction of the Mexican Treaty obligation. Some of these underground flows are recovered by pumping from wells on the Cocopah Indian Reservation and in the YCWUA area, and by some of the surface drains in the YCWUA area. Efforts will be made to at least quantify these return flows within broad limits by respective water user entities in future years.

PUMPAGE FROM COLORADO RIVER  
AND WELLS IN FLOOD PLAIN  
DAVIS DAM TO INTERNATIONAL BOUNDARY  
CALENDAR YEAR 1992  
STATE OF ARIZONA

FINAL RECORDS

(ACRE-FEET)

1/15  
2/26

1/10

WATER USER		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL	1/
Golden Standard Mines	SEC6 T21N R21W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.0	2.6	0.0	4.1	
Rayner, Jack Jr.	(B-04-22)34 CDD	1.2	12.3	600.9	94.6	125.4	776.7	1249.8	630.4	175.7	115.5	146.2	95.9	4024.6	
Rayner, Jack Jr.	(B-04-22)34 DCD	0.0	0.0	39.1	16.1	0.0	9.1	65.0	15.8	17.6	30.0	2.5	0.0	195.2	
Arakelian, George	(B-03-22)16 DAD	3/	117.7	94.3	160.7	173.5	212.2	257.2	280.6	270.0	212.2	177.7	126.3	2208.0	
Pratt, L.	Sec14 T7S R22W ABC	2/3/	22.4	17.9	30.6	33.0	40.4	48.9	53.4	51.4	40.4	33.8	24.0	420.0	
Dulin, A.	(C-8-22) 7CCD	3/	77.2	0.0	102.1	158.0	182.9	148.8	158.1	50.9	0.0	158.2	0.0	1085.7	
MAGCO of ARIZ	(M-8-22) 18CBD		0.0	0.0	0.0	0.0	0.0	15.3	0.0	126.8	104.7	44.5	12.3	303.6	
MAGCO of ARIZ	(C-8-22) 24BDD	3/	67.9	54.4	92.7	100.1	122.3	148.3	161.8	155.7	122.3	102.5	72.8	1273.0	
Auza, Pete	SEC18 T08S R22W CBD	2/3/	38.4	30.7	52.4	56.6	69.2	83.9	91.5	88.1	69.2	58.0	41.2	40.5	720.0
Auza, Pete	SEC24 T08S R22W BDD		86.3	143.8	77.6	206.1	347.1	327.3	276.1	279.2	235.5	224.4	156.9	254.5	2614.8
Yowelman, R.	SEC17 T08S R22W CCB	2/3/	51.2	41.0	69.9	75.5	92.3	111.8	122.0	117.4	92.3	77.3	54.9	960.0	
Camron Bros.	SEC24 T08S R22W CCB		0.4	0.0	11.9	37.0	121.4	162.7	155.1	77.5	75.5	77.9	3.6	1.0	724.0
Ott, Judd T.	SEC30 T08S R22W BAB		29.7	35.4	33.2	64.8	52.0	50.6	74.6	0.0	0.0	27.4	17.3	53.1	438.1
Ott, Judd T.	(C-8-22) 19CCA		83.4	56.8	45.2	39.7	54.6	55.3	87.1	68.9	49.2	46.3	34.4	97.2	718.1
Cameron Bros	SEC24 T08S R22W CAD		54.9	25.0	65.4	85.8	109.8	155.0	132.9	88.3	64.1	78.1	12.8	0.0	872.1
Ott	SEC24 T08S R23W DCC		91.2	59.8	63.1	69.1	122.2	66.7	130.1	75.3	45.9	92.9	63.3	65.4	945.0
Peach	SEC22 T08S R23W DDC		0.0	0.0	24.8	14.5	41.9	69.6	66.5	80.2	45.0	35.7	10.5	41.7	430.4
AZ Prod	SEC23 T08S R23W CDA		0.6	9.9	19.5	21.9	22.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	74.3
Yucca Pwr Plant	SEC36 T16S R12E CBA	3/	10.1	8.1	13.8	14.9	18.3	22.1	24.1	23.2	18.3	15.3	10.9	10.7	190.0
Slade, Dwanee	SEC28 T16S R22E CDA		3.4	12.2	0.0	12.3	33.8	9.2	6.1	13.2	15.7	16.9	19.9	18.9	161.6
Curry Farms	SEC29 T16S R22E DAC		8.3	17.6	13.2	26.1	38.5	21.0	5.8	0.0	29.7	125.1	8.4	0.0	293.7
Power, R.E. & P.	SEC30 T16S R22E ACC	2/3/	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	SEC36 T16S R21E BCB	2/3/	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	SEC33 T08S R24W BAB	2/3/	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	16S/21E-25Ha		9.5	97.9	45.5	46.1	68.1	12.8	0.0	0.0	79.2	90.8	167.1	52.9	669.9
Huerta Packing	16S/21E-25DAD		55.9	142.9	68.6	87.7	101.2	4.2	0.0	0.0	156.3	374.9	224.2	66.5	1282.4
Cocopah Bend RV	16S/22E-30Fb		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
Pacific Coast Fm	SEC19 T09S R24W BAD		36.6	28.7	83.8	70.4	161.1	9.2	89.4	64.6	4.0	105.5	48.0	40.5	741.8
Pacific Coast Fm	(C-9-24) 19BDD		29.3	21.5	67.4	55.8	123.5	6.8	75.9	50.4	2.8	82.3	37.4	33.2	586.3
Pacific Coast Fm	(C-9-24) 19BDA		18.1	13.1	40.6	33.8	76.8	7.2	46.6	30.7	1.7	51.1	23.7	20.1	363.5
Consoul, Lee	SEC31 T09S R24W AAA		35.6	27.1	35.0	97.6	106.1	9.6	0.0	4.2	97.6	239.9	212.2	121.1	986.0
Waymon Farms	(C-9-24) 31BBA		33.4	25.3	30.9	89.5	106.1	2.6	0.0	3.5	10.9	159.9	141.5	74.3	677.9
W. Brand-D. Donnelly	(C-9-25) 35ABA	2/3/	33.6	26.9	45.9	49.5	60.5	73.4	80.1	77.0	60.5	50.7	36.0	35.5	630.0
J W Cuming	(C-10-25) 1BBA		43.7	62.6	72.6	153.4	133.8	50.8	0.0	46.3	304.8	287.7	35.3	62.0	1253.0
P. Sibley	(C-10-25) 2CDA	2/3/	103.9	83.3	142.0	153.3	187.4	227.2	247.8	238.5	187.4	157.0	111.5	109.8	1950.0
J W Cuming	(C-10-25) 14ADB		31.3	20.2	32.7	50.4	110.9	59.6	63.9	19.3	13.8	162.1	130.2	94.7	789.1
C & J Cummings	(C-10-25) 26BAB	2/3/	25.6	20.5	34.9	37.7	46.1	55.9	61.0	58.7	46.1	38.6	27.5	27.0	480.0
J. Barkley	(C-10-25) 35CBA	2/3/	25.6	20.5	34.9	37.7	46.1	55.9	61.0	58.7	46.1	38.6	27.5	27.0	480.0
J W Cuming	(C-11-25) 2BBA		0.0	0.0	76.5	0.0	0.0	69.7	128.9	124.2	55.8	0.0	0.0	0.0	455.1
Hughes, Earl	(C-11-25) 3DAC		317.9	71.9	207.4	220.0	398.2	451.6	99.0	148.7	333.3	1.0	526.9	207.8	2983.7
West Cocopah Res	(C-9-25) 25DDA		5.2	32.5	43.4	42.5	84.3	79.6	60.4	62.0	22.6	62.0	48.8	42.9	586.2
West Cocopah Res	(C-9-25) 25ADA		0.0	0.0	0.0	53.8	68.6	43.5	75.3	58.0	23.7	103.6	152.4	115.7	694.6
West Cocopah Res	(C-9-25) 25ACC		23.5	52.9	86.9	54.3	110.6	124.7	163.7	110.0	36.4	41.7	74.2	69.0	947.9
West Cocopah Res	(C-9-25) 25ABA		0.0	0.0	0.0	30.0	37.5	93.9	89.8	51.3	50.8	24.5	0.0	0.0	377.8
West Cocopah Res	(C-9-25) 25CBD		22.7	42.4	77.7	64.9	115.0	112.5	134.5	85.4	28.8	49.1	51.1	31.5	815.6
West Cocopah Res	(C-9-25) 25CDB		17.0	15.1	68.5	74.6	108.0	114.2	169.0	108.8	16.0	13.9	69.5	76.7	851.3
West Cocopah Res	(C-9-25) 25DDA		66.1	151.0	179.0	184.6	309.5	336.7	415.9	263.2	47.4	216.8	158.5	152.4	2481.1
West Cocopah Res	(C-9-25) 26DDC		1.6	2.8	14.6	45.4	28.2	10.7	24.7	56.0	0.0	0.0	35.0	2.3	221.3
BLM Permittees 3/			3.9	3.1	5.3	5.7	7.0	8.5	9.3	8.9	7.0	5.9	4.2	4.1	73.0

\*\*\* Total Arizona Supplemental \*\*\*

1893 1749 3296 3347 4778 5017 5735 4420 3425 4211 3388 2690 43956

1770 1639 2440 2057 4433 3966 4130 3495 2011 2882 2109 2446



PUMPAGE FROM COLORADO RIVER  
AND WELLS IN FLOOD PLAIN  
DAVIS DAM TO INTERNATIONAL BOUNDARY  
CALENDAR YEAR 1992  
STATE OF ARIZONA

FINAL RECORDS

(ACRE-FEET)

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

- 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 1992  
STATE OF CALIFORNIA

FINAL RECORDS		(ACRE-FEET)												
WATER USER		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL 1/
FORT MOHAVE INDIAN RESERVATION PUMPED FROM RIVER AND WELLS (IDA Cal & Russell Bros.)	DIVERSION RETURNS CONSUMPTIVE USE	28	912	374	941	3612	2998	3100	2623	2017	2343	649	1008	20604
CITY OF NEEDLES PUMPED FROM RIVER 4 WELLS NW SW SEC 29 T9N R23E SBM	DIVERSION DIVERSION RETURNS /9 CONSUMPTIVE USE	117 166 113 170	92 131 89 134	113 154 107 160	196 265 184 277	271 371 257 385	317 437 302 452	317 437 302 452	315 434 300 449	272 372 258 386	187 268 182 273	146 209 142 213	99 129 91 137	2442 3373 2326 3489
METROPOLITAN WATER DISTRICT DIVERSION FROM LAKE HAVASU	DIVERSION RETURNS 2/ CONSUMPTIVE USE	105206 312 104894	80114 297 79817	80399 324 80075	67553 315 67238	110477 326 110151	106373 304 106069	111106 294 110812	104651 269 104382	105008 271 104737	111585 285 111300	104801 285 104516	110149 310 109839	1197422 3592 1193830
PARKER DAM AND GOVERNMENT CAMP DIVERSION AT PARKER DAM	DIVERSION RETURNS CONSUMPTIVE USE	22	19	21	26	27	31	30	34	31	27	17	16	301
COLORADO RIVER INDIAN RESERVATION PUMPED FROM 11 PUMPS AND WELLS	DIVERSION 4/ RETURNS CONSUMPTIVE USE	305	259	388	1162	1215	738	1292	1433	1437	1267	107	190	9793
CITY OF WINTERHAVEN 1 WELL SE SE NE SEC 27 T16S R22E SBM	DIVERSION 6/ RETURNS CONSUMPTIVE USE	4	9	8	10	12	12	12	12	14	12	11	10	126
PALO VERDE IRRIGATION DISTRICT DIVERSION FROM PALO VERDE DAM	DIVERSION RETURNS CONSUMPTIVE USE WATER MANAGEMENT ACCT. CREDITS 8/	28590 28001 589 0	44910 30691 14219 0	52710 35045 17665 0	82900 33479 49421 0	100600 41484 59116 0	108600 41584 67016 0	102200 42065 60135 0	62180 40613 21567 11992	61330 36083 25247 7179	50870 36206 14664 3258	42000 33226 8774 2220	31270 34994 -3724 3652	768160 433471 334689 28301
PICACHO DEVELOPMENT CORPORATION PUMPED FROM RIVER	DIVERSION RETURNS CONSUMPTIVE USE	5	5	11	13	11	12	12	11	12	11	6	4	113
YUMA PROJECTS, RES. DIV. INDIAN UNIT DIVERSION AT IMPERIAL DAM	DIVERSION RETURNS CONSUMPTIVE USE	2423 55 2368	2553 68 2485	2997 58 2939	4952 110 4842	3791 96 3695	3476 65 3411	3293 43 3250	2404 57 2347	7331 179 7152	9041 192 8849	4881 96 4785	2430 92 2338	49572 1111 48461
YUMA PROJECTS, RES. DIV. BARD UNIT DIVERSION AT IMPERIAL DAM	DIVERSION RETURNS CONSUMPTIVE USE	2233 29 2204	2756 42 2714	3434 42 3392	5715 76 5639	5227 83 5144	5337 61 5276	5115 42 5073	3846 51 3795	3342 55 3287	4170 61 4109	3608 42 3566	1659 36 1623	46442 620 45822
RETURNS FROM YUMA PROJECT RESERVATION DIVISION RETRUNS SUM YUMA PROJECTS, RES. DIV. USE	RETURNS 3/ CONSUMPTIVE USE	3259 1313	2874 2325	3025 3306	3554 6927	3944 4895	3320 5367	3142 5181	3200 2942	3412 7027	4385 8573	4701 3650	4148 -187	42964 51319
IMPERIAL IRRIGATION DISTRICT DIVERSION AT IMPERIAL DAM	DIVERSION RETURNS CONSUMPTIVE USE	124126 4676 119450	129352 5956 123396	205005 7141 197864	324479 12561 311918	320440 14778 305662	294004 9433 284571	314946 7479 307467	237783 9318 228465	209294 9893 199401	232547 9322 223225	183672 6360 177312	100253 6325 93928	2675901 ← 103242 2572659

DIVERSIONS FROM MAINSTREAM-AVAILABLE RETURN FLOW  
AND CONSUMPTIVE USE OF SUCH WATER  
CALENDAR YEAR 1992  
STATE OF CALIFORNIA

WATER USER	FINAL RECORDS												TOTAL 1/	
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		
(ACRE-FEET)														
COACHELLA VALLEY WATER DISTRICT														
DIVERSION AT IMPERIAL DAM	DIVERSION	13967	14872	19555	30358	39704	35482	36740	37973	31609	23578	22884	15233	321955 ←
	RETURNS	526	685	681	1175	1831	1138	872	1488	1494	945	792	961	12588
	CONSUMPTIVE USE	13441	14187	18874	29183	37873	34344	35868	36485	30115	22633	22092	14272	309367
OTHER USERS PUMPING FROM COLORADO RIVER AND WELLS IN FLOOD PLAIN DAVIS DAM TO INTERNATIONAL BOUNDARY	DIVERSION 5/	1572	1355	1338	2557	2395	2350	2331	2267	1477	1442	1627	890	21603
	RETURNS													
	CONSUMPTIVE USE													
CALIFORNIA TOTALS	DIVERSION	278763	277339	366507	521127	588153	560167	580932	455966	423545	437348	364618	263340	5117805
	RETURNS	36971	40702	46423	51454	62799	56207	54239	55296	51645	51578	45644	46957	599914
	CONSUMPTIVE USE	241792	236636	320084	469673	525354	503961	526693	400670	371901	385770	318974	216383	4517891
	WATER MANAGEMENT													
	ACCT. CREDITS 8/	0	0	0	0	0	0	0	11992	7179	3258	2220	3652	28301
	TOTAL USE	241792	236636	320083	469672	525354	503960	526693	412662	379079	389028	321194	220035	4546192

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 as is available for use in the United States or in satisfaction of the Mexican Treaty obligation, and evaporative or other losses from the Colorado River resulting from actions taken subsequent to March 9, 1964.

- 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 20,215 acres with 1.4 acft/ac of use in 1992. 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.
- 9/ Needles total return estimated as 40% of diversion (unpublished report, Colorado River Board of California), measured surface return was 1,826 acre-feet.

PUMPAGE FROM COLORADO RIVER  
AND WELLS IN FLOOD PLAIN  
DAVIS DAM TO INTERNATIONAL BOUNDARY  
CALENDAR YEAR 1992  
STATE OF CALIFORNIA

FINAL RECORDS

(ACRE-FEET)

WATER USER		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL 1/
IDA CAL	11N/22E -31Cb 1/	3.2	22.3	25.9	22.7	112.7	78.6	135.5	100.0	115.9	78.6	33.9	35.4	764.7
IDA CAL	11N/21E -36Hd 1/	30.5	0.0	0.0	29.9	109.4	81.7	91.0	139.3	39.1	94.4	15.5	46.6	677.4
Southern Cal Gas	9N/23E-29Ga 4/	2.6	2.1	3.6	3.9	4.7	5.7	6.2	6.0	4.7	3.9	2.8	2.8	49.0
Havasas Water Company	SEC31 T5N R25E	3.3	2.9	3.3	4.5	6.7	7.3	9.1	9.6	7.7	6.8	4.4	3.0	68.6
Lye, C. L.	1S/24E -16Gb 2/4/	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
Land, Ralph	SEC35 T15S R23E DDC	36.4	88.9	35.0	72.9	147.2	61.2	65.6	14.6	62.7	35.0	27.7	7.3	654.5
Living Earth Frm	SEC35 T16S R23E BBC	6.5	8.9	17.8	0.0	21.1	18.6	7.3	4.1	4.9	4.1	1.6	0.8	95.7
Land, Ralph	SEC22 T16S R23E BDD	61.6	56.0	30.8	257.5	190.3	123.2	75.6	56.0	0.0	84.0	0.0	28.0	963.0
Power, Pete	SEC14 T16S R23E CCB 2/4/	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
Dulin, A.	(C-8-22) 8DAC	0.0	0.0	0.0	0.0	0.0	0.0	39.3	44.6	45.6	35.5	24.3	21.3	210.6
Dulin, A.	(C-8-22) 9CCC	29.3	54.5	57.4	39.8	138.0	158.9	135.6	124.2	84.9	70.5	137.7	131.0	1161.8
Harp (R. Harp)	(C-8-23) 13AAD 2/4/	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
Spencer, Mindle	(C-8-22) 6CDA	217.9	195.2	117.4	107.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	638.0
H & S Farms	(C-8-22) 7BAB	61.9	26.5	24.8	23.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	136.2
Ed Wavers Farms	(C-8-22) 6BCD 2/4/	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
Ed Wavers Farms	(C-8-22) 6CBD	152.1	121.1	128.2	211.3	160.9	181.3	145.0	108.8	125.6	92.0	266.2	82.2	1774.7
Ed Wavers Farms	(C-8-22) 6CCA	175.1	103.5	136.2	101.7	115.0	135.3	229.0	100.8	58.4	97.3	358.1	157.4	1767.8
Spencer, M.	SEC9 T16S R23E CAC	21.6	22.4	26.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	70.5
Wavers, Edward M.	(C-8-23) 18BA	14.6	2.9	1.5	2.9	0	0	0	20.4	0	2.9	17.5	5.8	68.5
Wavers, Edward M.	(C-8-23) 18AD	2.9	0.0	23.3	0.0	23.3	14.6	5.8	0.0	0.0	0.0	58.4	8.8	137.1
Schaffer, F. (Harp)	(C-8-23) 2ADC 2/4/	17.6	14.1	24.0	25.9	31.7	38.4	41.9	40.4	31.7	26.6	18.9	18.6	330.0
Taylor Bros.	(C-8-23) 2DDA	16.3	4.4	14.8	154	134.8	66.6	48.9	108.1	87.4	119.9	22.2	8.9	786.3
Easterday, Kitti	(C-8-23) 1DCC	4.2	49.5	26.9	80.6	99.0	111.8	94.8	124.5	0.0	0.0	0.0	0.0	591.3
Dees, Alex	(C-8-23) 1DAC	74.0	97.3	74.0	179.1	239.4	309.5	307.6	272.5	266.7	247.2	85.7	72.0	2225.0
Harp, P. (R. Harp)	(C-8-23) 12DAC 2/4/	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
Easterday, K.	(C-8-23) 12CDB	75.8	74.2	37.1	261.2	320.2	313.5	244.4	340.4	15.2	69.1	170.2	11.8	1933.1
Smith, F. (P. Power)	(C-8-23) 11DCA	29.7	69.3	87.7	22.6	62.3	130.2	128.8	43.9	0.0	0.0	113.2	0.0	687.7
Valdez, Mike	T16S R23E SEC 30Ec	183.9	89.1	101.9	297.1	43.9	12.7	0.0	46.7	0.0	0.0	0.0	1.4	776.7
Valdez, Mike	T16S R23E SEC 30Fd	133.0	75.0	42.4	338.1	42.4	25.5	0.0	62.3	134.4	45.3	35.4	17.0	950.8
Bly, James R. 3/		0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	3.1
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
BLM Permittes 4/		11.2	9.0	15.3	16.5	20.2	24.5	26.7	25.7	20.2	16.9	12.0	11.8	210.0

\*\*\* Total California Supplemental \*\*\*

	1572	1355	1338	2557	2395	2350	2331	2267	1477	1442	1627	890	21603
D	40	27	83	61	234	177	242	255	167	184	52	88	
P	13	10	18	19	23	28	31	29	23	19	14	17	

- 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.

Picacho 5 5 11 13 11 12 12 11 12 11 10 4

DIVERSIONS FROM MAINSTREAM-AVAILABLE RETURN FLOW  
AND CONSUMPTIVE USE OF SUCH WATER  
CALENDAR YEAR 1992  
STATE OF NEVADA

FINAL RECORDS		(ACRE-FEET)												
WATER USER		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL 1/
BOULDER CANYON PROJECT DIVERSION AT HOOVER DAM	DIVERSION RETURNS CONSUMPTIVE USE	1	1	1	2	3	4	4	4	3	3	2	1	29
ROBERT B. GRIFFITH WATER PROJECT DIVERSION AT SADDLE ISLAND, LAKE MEAD	DIVERSION	16172	15889	17495	22180	25646	24714	27559	27569	23581	25160	20852	17884	264701
BY USER: BOULDER CTY 4/		278	257	306	459	704	834	896	893	799	614	395	287	6723
HENDERSON 4/		1148	965	1246	2032	2861	2898	3244	3155	2586	1918	1155	808	24016
LAS VEGAS VALLEY W.D. 4/		11037	10598	11679	15524	18944	18382	20528	20615	17598	20204	17652	15235	197995
NORTH LAS VEGAS 4/		1286	1282	1380	1979	2617	2250	2569	2570	2224	2158	1487	1438	23241
NELLIS AIR FORCE BASE 4/		117	141	150	233	332	349	322	336	329	266	162	116	2853
	RETURNS CONSUMPTIVE USE													
LAKE MEAD NATIONAL RECREATION AREA DIVERSION AT LAKE MEAD	DIVERSION RETURNS CONSUMPTIVE USE	64	56	54	77	100	108	124	90	75	69	43	46	906
BASIC MANAGEMENT INC. DIVERSION AT SADDLE ISLAND, LAKE MEAD	DIVERSION RETURNS CONSUMPTIVE USE	470	436	529	466	550	829	738	706	711	633	644	557	7269
CITY OF HENDERSON DIVERSION AT SADDLE ISLAND, LAKE MEAD	DIVERSION RETURNS CONSUMPTIVE USE	760	781	486	314	393	797	1146	1458	928	996	831	720	9610
NEVADA DEPARTMENT OF FISH & GAME DIVERSION AT SADDLE ISLAND, LAKE MEAD	DIVERSION RETURNS CONSUMPTIVE USE	342 342 0	313 313 0	344 344 0	335 335 0	348 348 0	337 337 0	355 355 0	363 363 0	354 354 0	376 376 0	431 431 0	437 437 0	4335 4335 0
CITY OF BOULDER CITY DIVERSION AT HOOVER DAM	DIVERSION RETURNS CONSUMPTIVE USE	0	0	0	0	0	0	0	0	0	0	1	2	3
PACIFIC COAST BUILDING PRODUCTS INC. DIVERSION AT GYPSUM WASH, LAKE MEAD	DIVERSION RETURNS CONSUMPTIVE USE	29	25	30	34	39	48	52	50	65	55	55	47	529
SOUTHERN CALIFORNIA EDISON PUMPED FROM SEC 24 T32S R66E MDB&M	DIVERSION RETURNS CONSUMPTIVE USE	1066	1049	1202	870	1162	842	1523	1588	1323	943	962	1401	13931
BIG BEND WATER DISTRICT PUMPED FROM SEC 13 T32S R66E MDB&M	DIVERSION RETURNS CONSUMPTIVE USE	272	259	283	337	392	421	470	477	435	387	328	280	4341
LAS VEGAS WASH RETURN FLOWS	RETURNS 2/	10847	10565	11875	11131	9782	8683	9100	9487	8611	11723	11278	10701	123783

DIVERSIONS FROM MAINSTREAM-AVAILABLE RETURN FLOW  
AND CONSUMPTIVE USE OF SUCH WATER  
CALENDAR YEAR 1992  
STATE OF NEVADA

FINAL RECORDS		(ACRE-FEET)												
WATER USER		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	DIVERSION 3/ RETURNS CONSUMPTIVE USE	1	1	1	1	1	2	2	2	1	1	1	1	15
NEVADA TOTALS	DIVERSION RETURNS CONSUMPTIVE USE	19177 11189 7988	18810 10878 7932	20425 12219 8206	24616 11466 13150	28634 10130 18504	28102 9020 19082	31973 9455 22518	32307 9850 22457	27476 8965 18511	28623 12099 16524	24150 11709 12441	21376 11138 10238	305669 128118 177551
GROUNDWATER INJECTED STORAGE 5/														
LAS VEGAS VALLEY WATER DIST.	INJECTED WITHDRAWN	2156 0	2450 0	2532 0	1763 0	0 0	0 0	0 0	0 0	0 0	638 0	2748 0	3329 0	15616 0
CITY OF NORTH LAS VEGAS	INJECTED WITHDRAWN	151 0	194 0	201 0	190 0	187 0	1 0	0 0	0 0	46 0	160 0	129 0	126 0	1385 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 as is available for use in the United States or in satisfaction of the Mexican Treaty obligation, and evaporative or other losses from the Colorado River resulting from actions taken subsequent to March 9, 1964.

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 30535 AF plus current year increase in injected storage of 17001 AF less current year withdrawals from injected storage of 0 AF yields year end total of 47536 AF injected storage.

PUMPAGE FROM COLORADO RIVER  
AND WELLS IN FLOOD PLAIN  
DAVIS DAM TO INTERNATIONAL BOUNDARY  
CALENDAR YEAR 1992  
STATE OF NEVADA

FINAL RECORDS	(ACRE-FEET)												
WATER USER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL 1/
Clark County Parks & Rec. 2/	0.8	0.6	1.1	1.2	1.4	1.7	1.9	1.8	1.4	1.2	0.9	0.8	15.0
*** Total Nevada Supplemental ***	1	1	1	1	1	2	2	2	1	1	1	1	15

1/ Calculated from monthly power records and power-discharge measurements where available, else 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 1992



The following tabulations for calendar year 1992 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 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 1992  
STATE OF ARIZONA

FINAL RECORDS		(ACRE-FEET)												
WATER USER		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
CENTRAL ARIZONA PROJECT DIVERSION AT LAKE HAVASU	ORDERED BUT NOT DIVERT DELIVERED TO MEXICO IN SATISFACTION OF TREATY	80	637	849	468	34532	113	1002	5758	2164	118	42	1799	47562
	DIVERTED BY OTHERS													
	DELIVERED TO STORAGE 2 DELIVERED TO MEXICO IN EXCESS OF TREATY	80	637	849	468	34532	113	1002	5758	2164	118	42	1799	47562
		0	0	0	0	0	0	0	0	0	0	0	0	0
COLO. RIVER INDIAN RESERVATION DIVERSION AT HEADGATE ROCK	ORDERED BUT NOT DIVERT DELIVERED TO MEXICO IN SATISFACTION OF TREATY	3662	710	2642	1934	1095	496	1329	1880	1325	702	0	924	16699
	DIVERTED BY OTHERS	994	575	720	1934	631	430	585	1412	706	226	0	290	8503
	DELIVERED TO STORAGE 2 DELIVERED TO MEXICO IN EXCESS OF TREATY	2668	135	1747	0	361	66	744	432	619	196	0	521	7489
		0	0	175	0	103	0	0	36	0	280	0	113	707
NORTH GILA VALLEY I.D. DIVERSION AT IMPERIAL DAM	ORDERED BUT NOT DIVERT DELIVERED TO MEXICO IN SATISFACTION OF TREATY	2616	2840	3273	2614	3410	2670	3160	1793	1773	3590	3838	4334	35911
	DIVERTED BY OTHERS	906	976	863	1533	1053	1271	1595	772	538	470	1361	877	12215
	DELIVERED TO STORAGE 2 DELIVERED TO MEXICO IN EXCESS OF TREATY	1710	1864	1944	801	2188	1399	1565	1007	1235	2557	2477	3056	21803
		0	0	466	280	169	0	0	14	0	563	0	401	1893
STURGES (WARREN ACT) GILA PROJECT DISTRICTS DIVERSION AT IMPERIAL DAM 1/	ORDERED BUT NOT DIVERT 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
		0	0	0	0	0	0	0	0	0	0	0	0	0
WELLTON-MOHAWK I.& D. DISTRICT DIVERSION AT IMPERIAL DAM	ORDERED BUT NOT DIVERT DELIVERED TO MEXICO IN SATISFACTION OF TREATY	1759	2424	9148	2118	4499	2551	2356	3322	3574	5548	2281	7722	47302
	DIVERTED BY OTHERS	268	109	434	135	871	333	520	500	664	458	420	413	5125
	DELIVERED TO STORAGE 2 DELIVERED TO MEXICO IN EXCESS OF TREATY	1491	2315	6544	856	3410	2218	1836	2322	2910	4792	1861	6258	36813
		0	0	2170	1127	218	0	0	500	0	298	0	1051	5364
YUMA IRRIGATION DISTRICT DIVERSION AT IMPERIAL DAM	ORDERED BUT NOT DIVERT DELIVERED TO MEXICO IN SATISFACTION OF TREATY	401	472	2091	621	420	315	303	159	165	742	266	811	6766
	DIVERTED BY OTHERS	129	69	77	93	137	141	167	54	54	99	95	36	1151
	DELIVERED TO STORAGE 2 DELIVERED TO MEXICO IN EXCESS OF TREATY	272	403	1463	108	275	174	136	101	111	544	171	642	4400
		0	0	551	420	8	0	0	4	0	99	0	133	1215
YUMA MESA I.& D. DISTRICT DIVERSION AT IMPERIAL DAM	ORDERED BUT NOT DIVERT DELIVERED TO MEXICO IN	2753	3061	4538	2543	1724	1357	1258	1866	2198	2799	3336	1811	29244

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 1992  
STATE OF ARIZONA

FINAL RECORDS		(ACRE-FEET)												
WATER USER		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
	SATISFACTION OF TREATY													
	DIVERTED BY OTHERS	329	660	75	589	371	478	419	417	623	296	778	79	5114
	DELIVERED TO STORAGE 2	2424	2401	3332	897	1238	879	839	1249	1575	2243	2558	1548	21183
	DELIVERED TO MEXICO IN EXCESS OF TREATY	0	0	1131	1057	115	0	0	200	0	260	0	184	2947
UNIT "B" I. & D. DISTRICT DIVERSION AT IMPERIAL DAM	ORDERED BUT NOT DIVERT DELIVERED TO MEXICO IN SATISFACTION OF TREATY	359	214	1123	335	551	633	371	494	456	627	198	875	6236
	DIVERTED BY OTHERS	44	46	73	107	99	256	238	65	89	32	71	42	1162
	DELIVERED TO STORAGE 2	315	168	866	127	381	377	133	399	367	549	127	698	4507
	DELIVERED TO MEXICO IN EXCESS OF TREATY	0	0	184	101	71	0	0	30	0	46	0	135	567
YUMA COUNTY WATER USERS ASSN. DIVERSION AT IMPERIAL DAM	ORDERED BUT NOT DIVERT DELIVERED TO MEXICO IN SATISFACTION OF TREATY	4600	5851	7301	3263	7230	2840	4850	4308	3174	3667	6512	6843	60439
	DIVERTED BY OTHERS	1916	2198	2224	2269	3554	1876	2668	2707	1472	1613	4510	2836	29843
	DELIVERED TO STORAGE 2	2684	3653	4032	129	2898	964	2182	1343	1702	1191	2002	3267	26047
	DELIVERED TO MEXICO IN EXCESS OF TREATY	0	0	1045	865	778	0	0	258	0	863	0	740	4549
ARIZONA TOTALS	ORDERED BUT NOT DIVERT DELIVERED TO MEXICO IN SATISFACTION OF TREATY	16230	16209	30965	13896	53461	10975	14629	19580	14829	17793	16473	25119	250159
	DIVERTED BY OTHERS	4586	4633	4466	6660	6716	4785	6192	5927	4146	3194	7235	4573	63113
	DELIVERED TO STORAGE 2	11644	11576	20777	3386	45283	6190	8437	12611	10683	12190	9238	17789	169804
	DELIVERED TO MEXICO IN EXCESS OF TREATY	0	0	5722	3850	1462	0	0	1042	0	2409	0	2757	17242

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 1992  
STATE OF CALIFORNIA

FINAL RECORDS		(ACRE-FEET)												
WATER USER		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
METROPOLITAN WATER DISTRICT DIVERSION AT LAKE HAVASU	ORDERED BUT NOT DIVERT DELIVERED TO MEXICO IN SATISFACTION OF TREATY DIVERTED BY OTHERS	486	434	718	163	522	440	461	339	265	394	315	345	4882
	DELIVERED TO STORAGE 1	486	434	718	163	522	440	461	339	265	394	315	345	4882
	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	ORDERED BUT NOT DIVERT DELIVERED TO MEXICO IN SATISFACTION OF TREATY DIVERTED BY OTHERS	904	506	960	526	1567	972	1636	1563	1527	93	1210	48	11512
	DELIVERED TO STORAGE 1	488	194	214	526	668	631	1176	668	845	18	843	10	6281
	DELIVERED TO MEXICO IN EXCESS OF TREATY	416	312	704	0	722	341	460	629	682	10	367	36	4679
		0	0	42	0	177	0	0	266	0	65	0	2	552
YUMA PROJECT RESV. DIVISION DIVERSION AT IMPERIAL DAM	ORDERED BUT NOT DIVERT DELIVERED TO MEXICO IN SATISFACTION OF TREATY DIVERTED BY OTHERS	1388	2616	3172	1928	2460	2277	863	2202	536	1402	2592	5927	27363
	DELIVERED TO STORAGE 1	498	631	724	879	1394	1595	442	1267	389	772	1882	2071	12544
	DELIVERED TO MEXICO IN EXCESS OF TREATY	890	1985	1540	196	895	682	421	634	147	396	710	3170	11666
		0	0	908	853	171	0	0	301	0	234	0	686	3153
IMPERIAL IRRIGATION DISTRICT DIVERSION AT IMPERIAL DAM	ORDERED BUT NOT DIVERT DELIVERED TO MEXICO IN SATISFACTION OF TREATY DIVERTED BY OTHERS	4354	5593	31692	6996	11419	561	5371	2495	2148	8501	1263	16622	97015
	DELIVERED TO STORAGE 1	432	371	1843	105	1254	504	2376	1408	930	1067	914	2477	13681
	DELIVERED TO MEXICO IN EXCESS OF TREATY	3922	5222	24515	1115	6535	57	2995	428	1218	5433	349	10561	62350
		0	0	5334	5776	3630	0	0	659	0	2001	0	3584	20984
COACHELLA VALLEY WATER DIST. DIVERSION AT IMPERIAL DAM	ORDERED BUT NOT DIVERT DELIVERED TO MEXICO IN SATISFACTION OF TREATY DIVERTED BY OTHERS	254	1849	1158	805	484	20	107	123	99	609	105	1158	6771
	DELIVERED TO STORAGE 1	167	240	319	16	129	14	67	117	61	270	38	196	1634
	DELIVERED TO MEXICO IN EXCESS OF TREATY	87	1609	813	182	355	6	40	6	38	220	67	736	4159
		0	0	26	607	0	0	0	0	0	119	0	226	978
CALIFORNIA TOTALS	ORDERED BUT NOT DIVERT DELIVERED TO MEXICO IN SATISFACTION OF TREATY DIVERTED BY OTHERS	7386	10998	37700	10418	16452	4270	8438	6722	4575	10999	5485	24100	147543
	DELIVERED TO STORAGE 1	1585	1436	3100	1526	3445	2744	4061	3460	2225	2127	3677	4754	34140
	DELIVERED TO MEXICO IN EXCESS OF TREATY	5801	9562	28290	1656	9029	1526	4377	2036	2350	6453	1808	14848	87736
		0	0	6310	7236	3978	0	0	1226	0	2419	0	4498	25667

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 1992

DELIVERIES TO MEXICO IN SATISFACTION OF PART III OF 1944 TREATY  
AND  
WATER PASSING TO MEXICO IN EXCESS OF TREATY REQUIREMENTS  
CALENDAR YEAR 1992

FINAL RECORDS	(ACRE-FEET)												
WATER USER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
ACTUAL DELIVERY IN SATISFACTION OF TREATY 1/ TO MEXICO AS SCHEDULED	117557	126311	197614	190666	123199	124570	158466	146158	96397	86320	88211	125263	1580732
TO MEXICO IN EXCESS OF SCHEDULE 2/ BYPASS PURSUANT TO MINUTE 242	378	143	13796	13407	12141	386	83	17924	753	12545	1466	7710	80732
	12260	10945	10481	8436	10175	9548	9416	8202	7895	7897	2778	3076	101109

1/ Includes 243 acre-feet delivery to Mexico by The Metropolitan Water District of Southern California.

2/ 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 1992

DIVERIONS FROM MAINSTREAM OF GILA AND SANFRANCISCO RIVERS  
AND  
CONSUMPTIVE USE OF SUCH WATER FOR BENEFIT OF THE GILA NATIONAL FOREST  
CALENDAR YEAR 1992

FINAL RECORDS		(ACRE-FEET)												
WATER USER		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL 1/
GILA RIVER	DIVERSION	0	0	0	0	0	0	0	0	0	0	0	0	0
	CONSUMPTIVE USE	0	0	0	0	0	0	0	0	0	0	0	0	0
SAN FRANCISCO RIVER	DIVERSION	0	0	0	0	0	0	0	0	0	0	0	0	0
	CONSUMPTIVE USE	0	0	0	0	0	0	0	0	0	0	0	0	0

1/ Zero diversions reported for 1992.



R E V I S I O N S

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

REVISIONS FOR CALENDAR YEAR 1991

REVISION 1991

DIVERSIONS FROM MAINSTREAM-AVAILABLE RETURN FLOW  
AND CONSUMPTIVE USE OF SUCH WATER  
REVISED CALENDAR YEAR 1991  
STATE OF CALIFORNIA

FINAL RECORDS		(ACRE-FEET)												
WATER USER		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL 1/
CITY OF NEEDLES														
4 WELLS NW SW SEC 29 T9N R23E SBM														
	DIVERSION	263	207	248	428	597	701	701	696	598	423	330	212	5404
	RETURNS	105	83	99	171	239	280	280	278	239	169	132	85	2162
	CONSUMPTIVE USE	158	124	149	257	358	420	420	418	359	254	198	127	3242
CALIFORNIA TOTALS														
	DIVERSION	282012	363784	378910	569499	616333	583092	623412	569407	478033	490277	376329	257298	5588387
	RETURNS	40975	39206	43317	44111	50309	47926	53955	53854	54800	57765	52013	44583	582816
	CONSUMPTIVE USE	241037	324578	335593	525388	566025	535166	569457	515553	423233	432512	324316	212715	5005571