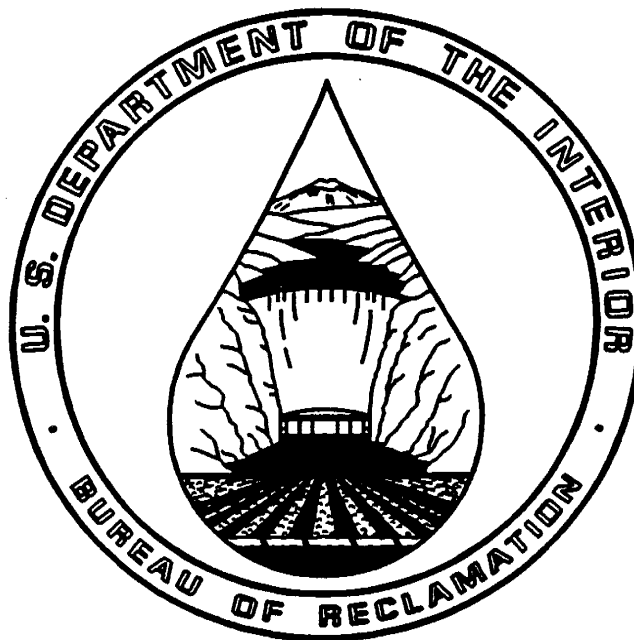


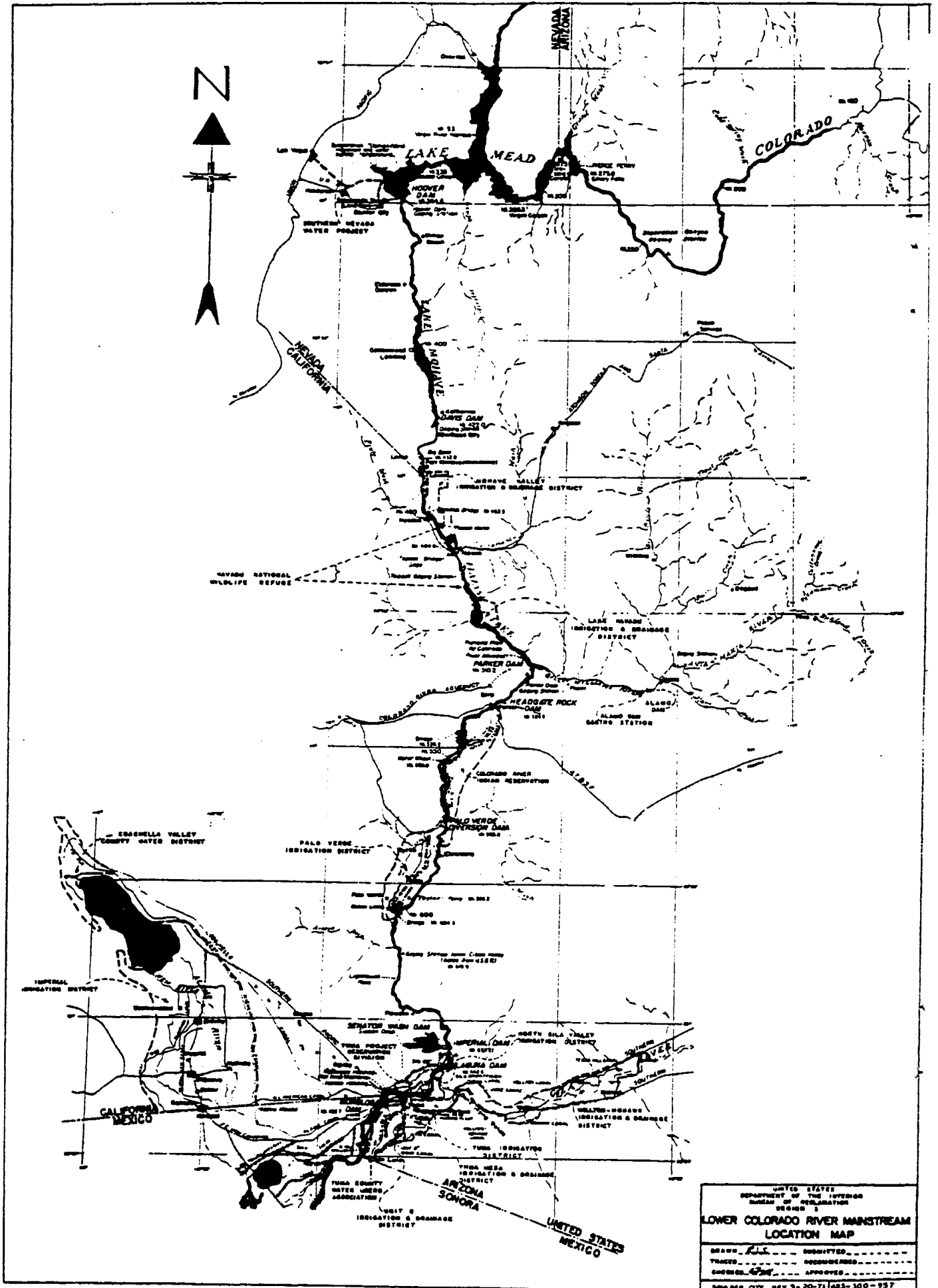
COMPILATION OF RECORDS IN  
ACCORDANCE WITH ARTICLE V OF THE  
DECREE OF THE SUPREME COURT OF  
THE UNITED STATES IN  
ARIZONA v. CALIFORNIA DATED MARCH 9, 1964

CALENDAR YEAR 1992



Bureau of Reclamation

Lower Colorado Region  
Boulder City, Nevada



UNITED STATES  
 DEPARTMENT OF THE INTERIOR  
 BUREAU OF RECLAMATION  
 REGION 3  
**LOWER COLORADO RIVER MAINSTREAM  
 LOCATION MAP**  
 DRAWN BY *R.S.* CHECKED BY *[Signature]*  
 TRACES BY *[Signature]* APPROVED BY *[Signature]*  
 SMOLETT CITY, NEV. 9-20-71 (483-300-937)

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 .....	13
California .....	15
Other California Users .....	17
Nevada .....	18
Other Nevada Users .....	20
V(C) Water Ordered but not Diverted .....	21
Arizona .....	23
California .....	25
V(D) Deliveries of Water to Mexico .....	26
V(E) Diversions and Use for Gila National Forest .....	28
Revision 1991-California .....	30

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

	(THOUSAND ACRE-FEET)												
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
<b>FINAL RECORDS</b>													
<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
MEXICO IN SATISFACTION OF TREATY	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
MEXICO BYPASS PURSUANT TO MINUTE 242	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
USE TOTAL	407.9	447.2	633.1	863.8	888.1	928.8	1045.0	832.9	661.1	637.7	524.5	441.5	8311.6
<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 "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 1992

STRUCTURE	(THOUSAND ACRE-FEET)												TOTAL
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
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 "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 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

WATER USER	(ACRE- FEET)												
	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)	21	21	20	32	51	53	59	28	27	21	11	9	353
L-C.R.-D. PROJECT (DAVIS DAM) DIVERSION AT DAVIS DAM	5	4	7	7	14	16	19	15	16	16	14	10	143
BULLHEAD CITY PUMPED FROM WELLS DIV. AT DAVIS DAM, MOHAVE CO. PARKS	395	392	340	431	482	548	591	633	496	592	441	366	5707
MOHAVE WATER CONSERVATION PUMPED FROM WELLS	398	395	348	439	491	558	600	644	507	602	447	375	5804
CONSOLIDATED WATER UTILITIES PUMPED FROM RIVER	23	24	28	34	35	46	55	54	56	43	34	31	463
MOHAVE VALLEY I. & D. DISTRICT PUMPED FROM WELLS	22	20	21	27	35	37	39	36	33	28	24	20	342
FORT MOHAVE INDIAN RESERVATION 15 PUMPS AND WELLS IN FLOOD PLAIN	976	989	1780	3718	3471	4888	5840	5585	3151	2531	1586	1204	35719
GOLDEN SHORES WATER CONSERVATION DIST PUMPED FROM WELLS	929	647	3767	3630	4413	8847	8493	6687	2467	1820	1937	1138	44775
HAVASU NATIONAL WILDLIFE REFUGE INLET-NW NE NW SEC 33 T9N R55W G&SRM WELL 8N/23E-15a (TOPOCK MARSH)	21	17	28	31	37	45	49	48	37	31	22	22	389
LAKE HAVASU IRRIGATION AND DRAINAGE DISTRICT PUMPED FROM WELLS	113	1690	1310	3010	5820	4170	5850	2600	1290	1580	322	1410	29165
CENTRAL ARIZONA PROJECT PUMPED FROM LAKE HAVASU	12	9	16	17	21	26	28	27	21	18	13	12	220
	0	0	0	0	0	0	0	0	0	0	0	0	0
	113	1690	1310	3010	5820	4170	5850	2600	1290	1580	322	1410	29165
	671	626	667	949	1193	1272	1430	1374	1292	1154	892	723	12243
	8242	12187	20515	32964	53551	86140	128755	103079	40239	24950	21788	59671	592081
TOWN OF PARKER PUMPED FROM RIVER 1 WELL-NW NW NW SEC 7 T9N R19W G&SRM	0	0	0	0	0	21	30	16	0	0	0	0	67
	46	45	47	74	99	102	106	92	93	80	56	45	885
	0	0	0	0	0	1	2	2	0	0	0	0	5
	46	45	47	74	99	122	134	106	93	80	56	45	947

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

WATER USER	(ACRE-FEET)												
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL 1/
FINAL RECORDS													
COLORADO RIVER INDIAN RESERVATION DIVERSION AT HEADGATE ROCK DAM 1 PUMP FROM RIVER (B-04-22)14, BBD	10850	28310	38910	58870	68530	85420	96280	68310	41270	36170	27020	20420	580360
	320	256	437	472	577	699	763	734	577	483	343	338	6000
	11966	15711	18314	17919	20923	19900	24096	25913	20839	18932	17842	16669	229024
EHRENBURG IMPROVEMENT ASSN. 1 PUMP (B-03-22)03-BAC	-796	12855	21033	41423	48184	66219	72947	43131	21008	17721	9521	4089	357333
	19	17	18	29	32	37	41	36	34	28	22	17	330
CIBOLA VALLEY IRRIGATION DISTRICT 3 PUMPS SEC'S 20, 21 & 26T1N R23W	111	636	2501	1481	2467	3273	3401	2831	1209	1333	976	54	20273
CIBOLA NATIONAL WILDLIFE REFUGE 3 PUMPS	1489	1157	1094	839	1042	1530	975	1189	1630	2074	1489	1623	16131
IMPERIAL NATIONAL WILDLIFE REFUGE 2 WELLS SEC 13 T5S R22W G&SRM	427	342	583	629	769	932	1017	979	769	644	458	451	8002
YUMA PROVING GROUND DIVERSION AT IMPERIAL DAM	0	2	0	2	4	3	1	1	0	2	0	4	19
STURGES DIVERSION AT IMPERIAL DAM (WARREN ACT)	185	442	516	547	452	781	786	559	410	680	316	173	5847
WELLTON MOHAWK I. & D. DISTRICT DIVERSION AT IMPERIAL DAM	9566	23008	22963	40927	39895	46316	50034	35650	40987	28776	29862	9110	377094
	12175	11097	10654	8590	11690	11020	10364	11272	10307	9739	5539	5455	117902
	-2609	11911	12309	32337	28205	35296	39670	24378	30680	19037	24323	3655	259192
CITY OF YUMA DIVERSION AT IMPERIAL DAM (AAC) DIVERSION AT IMPERIAL DAM (GILA)	1269	1229	1308	1632	1964	2186	2314	2208	2118	1899	1559	1378	21064
	44	48	47	43	54	59	59	55	56	55	52	44	616
	796	743	796	801	745	773	736	780	803	791	756	768	9288
	517	534	559	874	1273	1472	1637	1483	1371	1163	855	654	12392
MARINE CORPS AIR STATION (YUMA) DIVERSION AT IMPERIAL DAM	81	54	52	127	180	187	287	278	255	200	92	31	1824
SOUTHERN PACIFIC COMPANY DIVERSION AT IMPERIAL DAM	4	4	4	4	4	4	4	4	4	4	4	4	48
YUMA MESA FRUIT GROWERS ASSN. DIVERSION AT IMPERIAL DAM	1	1	1	1	1	1	1	1	1	1	1	1	12

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

WATER USER	(ACRE-FEET)												
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC TOTAL 1/	
UNIVERSITY OF ARIZONA DIVERSION AT IMPERIAL DAM (WARREN ACT)	66	47	39	27	21	132	107	107	99	99	76	38	932
YUMA UNION HIGH SCHOOL DIVERSION AT IMPERIAL DAM	39	27	27	27	21	29	27	27	31	22	22	18	317
CAMILLE, ALEC. JR. DIVERSION AT IMPERIAL DAM (WARREN ACT)	3	0	3	2	3	0	0	0	6	6	4	0	27
DESERT LAWN MEMORIAL DIVERSION AT IMPERIAL DAM	1	1	3	9	4	15	14	15	13	10	5	0	90
NORTH GILA VALLEY IRRIGATION DISTRICT DIVERSION AT IMPERIAL DAM 7/	2541	2946	3466	4551	4911	4635	3238	2232	4008	4957	3239	1518	42242
	1525	1632	1831	2134	2557	2368	1841	1266	2430	3075	2042	1145	23846
	1016	1314	1635	2417	2354	2267	1397	966	1578	1882	1197	373	18396
YUMA IRRIGATION DISTRICT DIVERSION AT IMPERIAL DAM 7/	2484	3453	3581	6567	5224	3235	3944	4161	7842	6801	4659	1733	53684
	192	368	318	611	786	792	434	396	862	608	636	2	6005
	402	504	540	962	1100	763	803	715	1566	1370	1015	420	10160
	2274	3317	3359	6216	4910	3264	3575	3842	7138	6039	4280	1315	49529
YUMA MESA I. & D. DISTRICT DIVERSION AT IMPERIAL DAM 7/	9797	8708	12086	19441	26653	28775	32016	28736	24560	17903	14140	4700	227515
	3026	2867	3055	3754	1352	2445	4968	4049	3956	3050	2116	1876	36514
	6771	5841	9031	15687	25301	26330	27048	24687	20604	14853	12024	2824	191001
UNIT "B" I. & D. DISTRICT DIVERSION AT IMPERIAL DAM 7/7E/	1338	1029	1719	2816	3281	3505	4190	3712	3244	3542	2014	881	31271
	534	506	539	663	239	432	877	714	698	538	373	331	6444
	804	523	1180	2153	3042	3073	3313	2998	2546	3004	1641	550	24827
YUMA COUNTY WATER USERS ASSOCIATION DIVERSION AT IMPERIAL DAM PUMPED FROM WELLS 7E/	15587	17612	21423	37544	30217	25349	24827	21633	28334	47605	27090	13381	310602
	608	511	610	607	591	540	581	532	584	628	446	556	6794
	9043	7993	8661	9135	9988	7918	8139	8725	8910	13313	12049	10892	114766
	7152	10130	13372	29016	20820	17971	17269	13440	20008	34920	15487	3045	202630
COCOPAH INDIAN RESERVATION DIVERSION AT IMPERIAL DAM PUMPED FROM WELLS 7E/	72	76	9	254	235	145	167	0	250	317	52	9	1586
	3	2	0	4	5	3	4	0	5	4	1	0	31
	2	3	0	7	8	3	3	0	9	9	1	0	45
	73	75	9	251	232	145	168	0	246	312	52	9	1572
PUMPED FROM SOUTH GILA WELLS (DPOC'S)	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	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	(ACRE-FEET)												
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL 1/
ARIZONA TOTALS	70468	108708	143568	226374	261974	319821	382601	299090	211812	191936	145111	123843	2485307
DIVERSION 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.
  - 6/ Includes quantities of drainage from Yuma Mesa, Unit B, as well as from South Gila Valley.
  - 7/ Details on Arizona Supplemental Sheets.
- 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
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

WATER USER	SEC	(ACRE-FEET)														
		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	0.0	0.0	0.0	0.0	0.0	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	0.0	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	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		
Pratt, L.	Sec14 T7S R22W ABC	22.4	17.9	30.6	33.0	40.4	48.9	53.4	51.4	40.4	33.8	24.0	23.6	420.0		
Dulin, A.	(C-8-22) 7CCD	77.2	0.0	102.1	158.0	182.9	148.8	158.1	50.9	0.0	158.2	0.0	49.5	1085.7		
MAGCO of ARIZ	(C-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	0.0	303.6		
Auza, Pete	SEC18 T08S R22W CBD	67.9	54.4	92.7	100.1	122.3	148.3	161.8	155.7	122.3	102.5	72.8	71.7	1273.0		
Auza, Pete	SEC24 T08S R22W BDD	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		
Yowelman, R.	SEC17 T08S R22W CCB	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		
Camron Bros.	SEC24 T08S R22W CCB	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		
Ott, Judd T.	SEC30 T08S R22W BAB	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.	(C-8-22) 19CCA	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		
Cameron Bros	SEC24 T08S R22W CAD	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		
Ott	SEC24 T08S R23W DCC	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		
Peach	SEC22 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		
AZ Prod	SEC23 T08S R23W CDA	0.6	0.0	24.8	14.5	41.9	69.6	66.5	80.2	45.0	35.7	10.5	41.7	430.4		
Yucca Pwr Plant	SEC36 T16S R12E CBA 3/	10.1	8.1	19.8	21.9	22.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	74.3		
Slade, Dwane	SEC28 T16S R22E CDA	3.4	12.2	0.0	12.3	33.8	9.2	24.1	23.2	18.3	15.3	10.9	10.7	190.0		
Curry Farms	SEC29 T16S R22E DAC	8.3	17.6	13.2	26.1	38.5	21.0	6.1	13.2	15.7	16.9	19.9	18.9	161.6		
Power, R.F. & 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 CCB 2/3/	23.0	18.4	31.4	34.0	41.5	50.3	54.9	52.8	41.5	34.8	24.7	432.0	300.0		
Burrell	SEC33 T08S R24W BAB 2/3/	16.0	12.8	21.8	23.6	28.8	35.0	38.1	36.7	28.2	24.2	17.2	16.9	669.9		
Huerta Packing	16S/21E-25Ha	9.5	97.9	45.5	46.1	68.1	12.8	0.0	0.0	156.3	374.9	224.2	66.5	1282.4		
Huerta Packing	16S/21E-25DAD	55.9	142.9	68.6	87.7	101.2	4.2	0.0	0.0	0.0	90.8	167.1	52.9	669.9		
Cocapah 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	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 Cumming	(C-10-25) 1BBA	43.7	62.6	72.6	133.4	133.8	50.8	0.0	46.3	304.8	287.7	35.3	62.0	1253.0		
P. Sibley	(C-10-25) 2CDA	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 Cumming	(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	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	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 Cumming	(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	23.7	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	22.6	62.0	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	24.5	0.0	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) 25CDD	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		



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

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

- 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

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

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

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

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-MMD land fallow test program of 20,215 acres with 1.4 ac-ft/ac of use in 1992. 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.
- 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

WATER USER	(ACRE- FEET)												
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL 1/
IDA CAL	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	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	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
Havasu Water Company	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.	1.6	1.3	2.2	2.4	2.9	3.5	3.8	3.7	2.9	2.4	1.7	1.7	30.0
1S/24E -16Gb 2/4/	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
SEC35 T15S R23E DDC	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
SEC35 T16S R23E BBC	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
SEC22 T16S R23E BDD	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
SEC14 T16S R23E CCB 2/4/	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
(C-8-22) 8DAC	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
(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
(C-8-22) 6CDA	217.9	193.2	117.4	107.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	638.0
(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	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	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	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.	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
SEC9 T16S R23E CAC	14.6	2.9	1.5	2.9	0.0	0.0	0.0	20.4	0.0	2.9	17.5	5.8	68.5
(C-8-23) 18BA	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
Wavers, Edward M.	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
Schaffer, F. (Harp)	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
Taylor Bros.	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
(C-8-23) 2DDA	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
(C-8-23) 1DAC	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
Harp, P. (R. Harp)	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
Easterday, K.	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
Smith, F. (P. Power)	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	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
T16S R23E SEC 30Ec	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
Valdez, Mike	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
Bly, James R. 3/	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
BLM Permitttees 4/													
*** Total California Supplemental ***	1572	1355	1338	2557	2395	2350	2331	2267	1477	1442	1627	890	21603

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.

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

WATER USER	(ACRE-FEET)												
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC TOTAL 1/	
FINAL RECORDS													
BOLDER CANYON PROJECT DIVERSTION AT HOOVER DAM	1	1	1	2	3	4	4	4	3	3	2	1	29
DIVERSTION RETURNS	16172	15889	17495	22180	25646	24714	27559	27569	23581	25160	20852	17884	264701
CONSUMPTIVE USE	278	257	306	459	704	834	896	893	799	614	395	287	6723
ROBERT B. GRIFFITH WATER PROJECT DIVERSTION AT SADDLE ISLAND, LAKE MEAD	1148	965	1246	2032	2861	2898	3244	3155	2586	1918	1155	808	24016
BY USER: BOULDER CITY 4/ HENDERSON 4/ LAS VEGAS VALLEY W.D. 4/ NORTH LAS VEGAS 4/ NELLIS AIR FORCE BASE 4/	11037	10598	11679	15524	18944	18382	20528	20615	17598	20204	17652	15235	197995
	1286	1282	1380	1979	2617	2250	2569	2570	2224	2158	1487	1438	23241
	117	141	150	233	332	349	322	336	329	266	162	116	28553
LAKE MEAD NATIONAL RECREATION AREA DIVERSTION AT LAKE MEAD	64	56	54	77	100	108	124	90	75	69	43	46	906
DIVERSTION RETURNS	470	436	529	466	550	829	738	706	711	633	644	557	7269
CONSUMPTIVE USE	760	781	486	314	393	797	1146	1458	928	996	831	720	9610
BASIC MANAGEMENT INC. DIVERSTION AT SADDLE ISLAND, LAKE MEAD	342	313	344	335	348	337	355	363	354	376	431	437	4335
DIVERSTION RETURNS	342	313	344	335	348	337	355	363	354	376	431	437	4335
CONSUMPTIVE USE	0	0	0	0	0	0	0	0	0	0	0	0	0
CITY OF BOULDER CITY DIVERSTION AT HOOVER DAM	0	0	0	0	0	0	0	0	0	0	1	2	3
DIVERSTION RETURNS	29	25	30	34	39	48	52	50	65	55	55	47	529
CONSUMPTIVE USE	1066	1049	1202	870	1162	842	1523	1588	1323	943	962	1401	13931
PACIFIC COAST BUILDING PRODUCTS INC. DIVERSTION AT GYPSUM WASH, LAKE MEAD	272	259	283	337	392	421	470	477	435	387	328	280	4341
DIVERSTION RETURNS	272	259	283	337	392	421	470	477	435	387	328	280	4341
CONSUMPTIVE USE	10847	10565	11875	11131	9782	8683	9100	9487	8611	11723	11278	10701	123783
SOUTHERN CALIFORNIA EDISON PUMPED FROM SEC 24 T32S R66E MDB&M													
BIG BEND WATER DISTRICT PUMPED FROM SEC 13 T32S R66E MDB&M													
LAS VEGAS WASH RETURN FLOWS													

DIVERSIONS FROM MAINSTREAM-AVAILABLE RETURN FLOW  
AND CONSUMPTIVE USE OF SUCH WATER  
CALENDAR YEAR 1992  
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	1	1	1	2	2	2	1	1	1	1	15
NEVADA TOTALS	19177	18810	20425	24616	28634	28102	31973	32307	27476	28623	24150	21376	305669
DIVERSION 3/ RETURNS	11189	10878	12219	11466	10130	9020	9455	9850	8965	12099	11709	11138	128118
CONSUMPTIVE USE	7988	7932	8206	13150	18504	19082	22518	22457	18511	16524	12441	10238	177551
GROUNDWATER INJECTED STORAGE 5/													
LAS VEGAS VALLEY WATER DIST.	2156	2450	2532	1763	0	0	0	0	0	638	2748	3329	15616
CITY OF NORTH LAS VEGAS	0	0	0	0	0	0	0	0	0	0	0	0	0
	151	194	201	190	187	1	0	0	46	160	129	126	1385
	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 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

WATER USER	(ACRE-FEET)											
	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
*** 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

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

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

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

WATER USER	(ACRE-FEET)												TOTAL
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
METROPOLITAN WATER DISTRICT DIVERSION AT LAKE HAVASU	486	434	718	163	522	440	461	339	265	394	315	345	4882
ORDERED BUT NOT DIVERT DELIVERED TO MEXICO IN SATISFACTION OF TREATY	486	434	718	163	522	440	461	339	265	394	315	345	4882
DIVERTED BY OTHERS	0	0	0	0	0	0	0	0	0	0	0	0	0
DELIVERED TO STORAGE 1	904	506	960	526	1567	972	1636	1563	1527	93	1210	48	11512
DELIVERED TO MEXICO IN EXCESS OF TREATY	904	506	960	526	1567	972	1636	1563	1527	93	1210	48	11512
PALO VERDE IRRIGATION DISTRICT DIVERSION AT PALO VERDE DAM	488	194	214	526	668	631	1176	668	845	18	843	10	6281
ORDERED BUT NOT DIVERT DELIVERED TO MEXICO IN SATISFACTION OF TREATY	488	194	214	526	668	631	1176	668	845	18	843	10	6281
DIVERTED BY OTHERS	416	312	704	0	722	341	460	629	682	10	367	36	4679
DELIVERED TO STORAGE 1	416	312	704	0	722	341	460	629	682	10	367	36	4679
DELIVERED TO MEXICO IN EXCESS OF TREATY	0	0	42	0	177	0	0	266	0	65	0	2	552
ORDERED BUT NOT DIVERT DELIVERED TO MEXICO IN SATISFACTION OF TREATY	1388	2616	3172	1928	2460	2277	863	2202	536	1402	2592	5927	27363
DELIVERED TO MEXICO IN SATISFACTION OF TREATY	1388	2616	3172	1928	2460	2277	863	2202	536	1402	2592	5927	27363
DIVERTED BY OTHERS	498	631	724	879	1394	1595	442	1267	389	772	1882	2071	12544
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
ORDERED BUT NOT DIVERT DELIVERED TO MEXICO IN SATISFACTION OF TREATY	0	0	908	853	171	0	0	301	0	234	0	686	3153
DELIVERED TO MEXICO IN SATISFACTION OF TREATY	0	0	908	853	171	0	0	301	0	234	0	686	3153
DIVERTED BY OTHERS	4354	5593	31692	6996	11419	561	5371	2495	2148	8501	1263	16622	97015
DELIVERED TO STORAGE 1	4354	5593	31692	6996	11419	561	5371	2495	2148	8501	1263	16622	97015
DELIVERED TO MEXICO IN EXCESS OF TREATY	432	371	1843	105	1254	504	2376	1408	930	1067	914	2477	13681
ORDERED BUT NOT DIVERT DELIVERED TO MEXICO IN SATISFACTION OF TREATY	3922	5222	24515	1115	6535	57	2995	428	1218	5433	349	10561	62350
DIVERTED BY OTHERS	0	0	5334	5776	3630	0	0	659	0	2001	0	3584	20984
DELIVERED TO STORAGE 1	0	0	5334	5776	3630	0	0	659	0	2001	0	3584	20984
DELIVERED TO MEXICO IN EXCESS OF TREATY	254	1849	1158	805	484	20	107	123	99	609	105	1158	6771
ORDERED BUT NOT DIVERT DELIVERED TO MEXICO IN SATISFACTION OF TREATY	254	1849	1158	805	484	20	107	123	99	609	105	1158	6771
DIVERTED BY OTHERS	167	240	319	16	129	14	67	117	61	270	38	196	1634
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
ORDERED BUT NOT DIVERT DELIVERED TO MEXICO IN SATISFACTION OF TREATY	0	0	26	607	0	0	0	0	0	119	0	226	978
DIVERTED BY OTHERS	7586	10998	37700	10418	16452	4270	8438	6722	4575	10999	5485	24100	147543
DELIVERED TO STORAGE 1	7586	10998	37700	10418	16452	4270	8438	6722	4575	10999	5485	24100	147543
DELIVERED TO MEXICO IN EXCESS OF TREATY	1585	1436	3100	1526	3445	2744	4061	3460	2225	2127	3677	4754	34140
ORDERED BUT NOT DIVERT DELIVERED TO MEXICO IN SATISFACTION OF TREATY	5801	9562	28290	1656	9029	1526	4377	2036	2350	6453	1808	14848	87736
DIVERTED BY OTHERS	0	0	6310	7236	3978	0	0	1226	0	2419	0	4498	25667
DELIVERED TO STORAGE 1	0	0	6310	7236	3978	0	0	1226	0	2419	0	4498	25667
DELIVERED TO MEXICO IN EXCESS OF TREATY	0	0	6310	7236	3978	0	0	1226	0	2419	0	4498	25667
CALIFORNIA TOTALS	7586	10998	37700	10418	16452	4270	8438	6722	4575	10999	5485	24100	147543
ORDERED BUT NOT DIVERT DELIVERED TO MEXICO IN SATISFACTION OF TREATY	7586	10998	37700	10418	16452	4270	8438	6722	4575	10999	5485	24100	147543
DIVERTED BY OTHERS	1585	1436	3100	1526	3445	2744	4061	3460	2225	2127	3677	4754	34140
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
ORDERED BUT NOT DIVERT DELIVERED TO MEXICO IN SATISFACTION OF TREATY	0	0	6310	7236	3978	0	0	1226	0	2419	0	4498	25667
DIVERTED BY OTHERS	0	0	6310	7236	3978	0	0	1226	0	2419	0	4498	25667
DELIVERED TO STORAGE 1	0	0	6310	7236	3978	0	0	1226	0	2419	0	4498	25667
DELIVERED TO MEXICO IN EXCESS OF TREATY	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

WATER USER	(ACRE- FEET)												
	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

WATER USER	FINAL RECORDS												DEC TOTAL 1/			
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC				
GILA RIVER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	(ACRE-FEET)															
DIVERSION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CONSUMPTIVE USE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SAN FRANCISCO RIVER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	(ACRE-FEET)															
DIVERSION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CONSUMPTIVE USE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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 S8M	DIVERSION	263	207	248	428	597	701	701	696	598	423	330	212
	RETURNS	105	83	99	171	239	280	280	278	239	169	132	85
	CONSUMPTIVE USE	158	124	149	257	358	420	420	418	359	254	198	127
CALIFORNIA TOTALS		282012	363784	378910	569499	616333	583092	623412	569407	478033	490277	376329	257298
	RETURNS	40975	39206	43317	44111	50309	47926	53955	53854	54800	57765	52013	44583
	CONSUMPTIVE USE	241037	324578	335593	525388	566025	535166	569457	515553	423233	432512	324316	212715