

UNITED STATES
DEPARTMENT OF THE INTERIOR
Donald P. Hodel, Secretary

BUREAU OF RECLAMATION
C. Dale Duvall
Commissioner

LOWER COLORADO REGION
Edward M. Hallenbeck
Regional Director

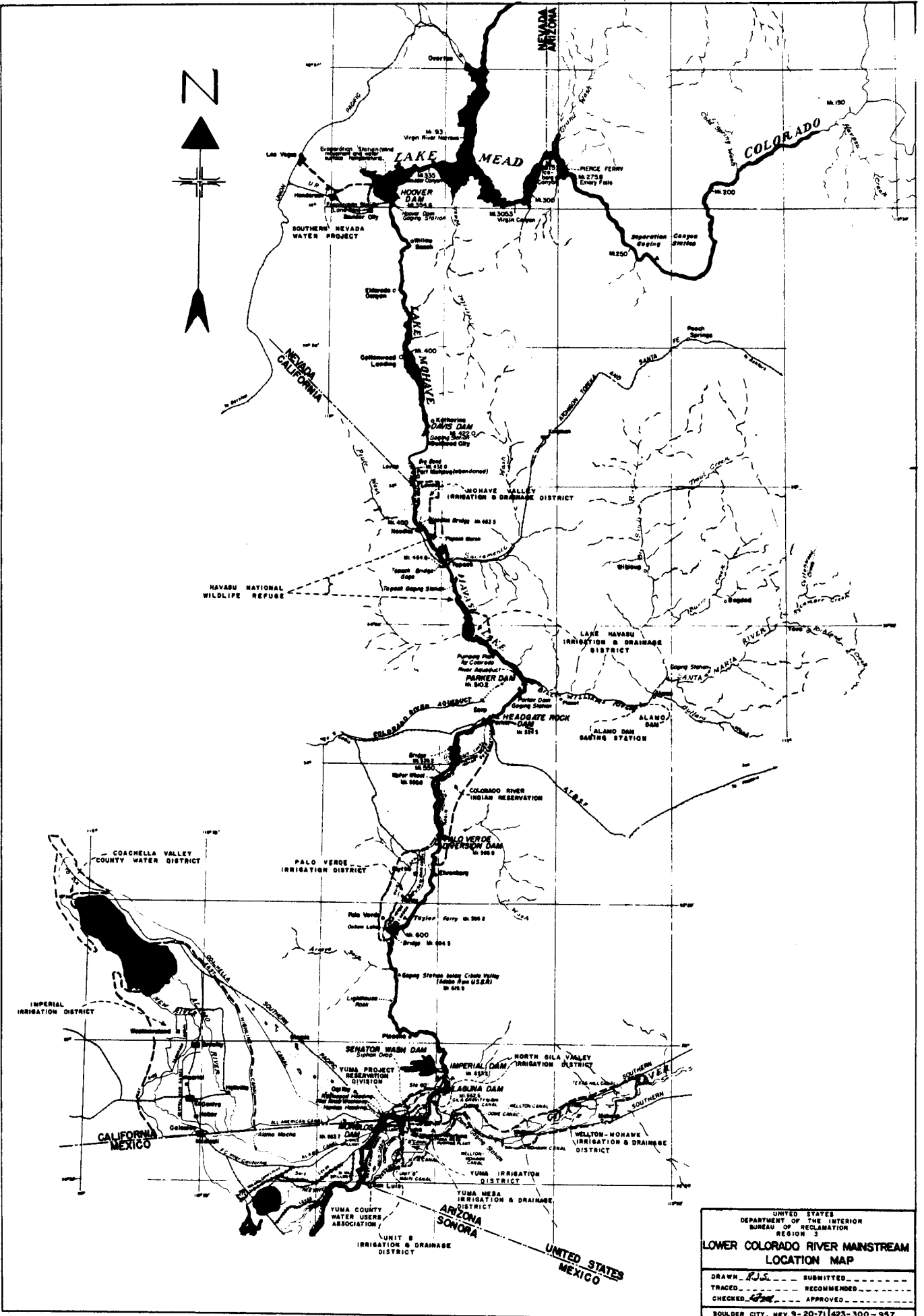
COMPILATION OF RECORDS IN
ACCORDANCE WITH ARTICLE V OF THE
DECREE OF THE SUPREME COURT OF
THE UNITED STATES IN
ARIZONA v. CALIFORNIA DATED MARCH 9, 1964
CALENDAR YEAR 1985

Division of Water and Land Operations
Boulder City, Nevada

July 1987

CONTENTS

	<u>Page</u>
Location Map (Drawing No. 423-300-957)	Frontispiece
V(A) Releases of Water Through Regulatory Structures .. Controlled by the United States	1
V(B) Mainstream Diversions, Return Flows, and Consumptive Use	4
Arizona	6
Other Arizona Users	12
Revision 1984-Arizona.....	15
California	17
Other California Users	20
Revision 1984-California.....	23
Nevada	24
V(C) Water Ordered but not Diverted	27
Arizona	29
California	32
V(D) Deliveries of Water to Mexico	34
V(E) Diversions and Use for Gila National Forest	36



UNITED STATES
 DEPARTMENT OF THE INTERIOR
 BUREAU OF RECLAMATION
 REGION 3

**LOWER COLORADO RIVER MAINSTREAM
 LOCATION MAP**

DRAWN *R.S.* SUBMITTED _____
 TRACED _____ RECOMMENDED _____
 CHECKED *R.D.M.* APPROVED _____

BOULDER CITY, NEV. 9-20-71 | 423-300-937

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 1985

The following tabulations for calendar year 1985 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 riverflow 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 near Parker, Arizona." The diversions are made at Headgate Rock Dam.

RELEASES OF WATER THROUGH REGULATORY STRUCTURES
 CONTROLLED BY THE UNITED STATES
 CALENDAR YEAR 1985

V (A)

STRUCTURE	(ACRE-FEET)												TOTALS
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
HOOVER DAM	1752000	1582000	1402000	1330000	1436000	1665000	1735000	1684000	1280000	1034000	1096000	1212000	17209000
DAVIS DAM	1542000	1555000	1407000	1300000	1542000	1643000	1725000	1731000	1434000	1137000	1078000	1273000	17366000
PARKER DAM	1522000	1470000	1377000	1209000	1375000	1557000	1609000	1602000	1363000	1055000	998700	1169000	16307000
HEADGATE ROCK DAM 1/	1518000	1445000	1318000	1147000	1307000	1486000	1529000	1522000	1316000	1030000	976700	1151000	15746000
PALO VERDE DAM 2/	1449000	1328000	1194000	1009000	1144000	1339000	1394000	1380000	1213000	957000	872500	1036000	14314000
IMPERIAL DAM 3/	888100	718600	475600	267800	341800	542600	581700	583500	532700	269000	217000	389000	5808000
LAGUNA DAM	888100	717900	474900	267100	341100	541900	581000	582800	532000	268200	216400	388300	5897000

1/ COLORADO RIVER BELOW PARKER DAM LESS DIVERSION AT HEADGATE ROCK DAM.
 2/ MEASURED THROUGH THE GATES OF PALO VERDE DAM.
 3/ INCLUDES DIVERSION TO MITTRY LAKE.

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 1985

The following tabulations for calendar year 1985 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 by water user agencies which have contracts with the United States. 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, Fish and Wildlife Service, and water user agencies. Diversions to All-American Canal and Gila Gravity Main Canal at Imperial Dam were assigned to each user based on deliveries to each user at its turnout from the canal and a prorated amount of the conveyance loss from the canal. The loss proration was based on the quantity delivered to each user and the length of the canal through which it was carried.

The tables also show estimates of water use by water users other than those which have contracts with the United States. Records of quantities of water pumped by permittees under the Lower Colorado River Land Use Program and by others are incomplete or not available. Consequently, estimates of pumpage from the mainstream, from both the river and the wells, are shown for each State. Pumping from the underground was considered from only those wells located in the flood plain of the Colorado River between the toes of the slopes on either side of the valley. Supplemental sheets are enclosed which show the estimates of water pumped by each diverter between Davis Dam and the International Boundary.

The estimate of diversion by pumping during 1985 was made by two basic methods: (1) For most electric pumps, diversion was 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, a consumptive use factor of 6 acre-feet per irrigated acre per year was used. Irrigated acres were determined by field inventory during the year made with the aid of aerial photographs and orthophotomaps which were taken during May-August 1976.

There are undetermined amounts of unmeasured return flow reaching the Colorado River by means of underground flow from aquifers underlying water user areas. Also, the return flow to Lake Mead from Las Vegas Wash contains some ground water-originated return flow mixed with Colorado River return flow. A Task Force on Unmeasured Return Flows to the Lower Colorado River, consisting of State and Federal members, was organized during 1970 to provide advice and guidance to Reclamation and the U.S. Geological Survey which are jointly conducting a program to determine the location and amounts of such unmeasured return flows. Studies to determine unmeasured return flows are continuing, and when these quantities are determined in a mutually acceptable manner, such amounts are anticipated to be credited to the affected users and States in making the ultimate annual consumptive use computations. The tabulations for calendar year 1984 do include acceptable determinations of the appropriate Colorado River return flows accruing to Lake Mead from Las Vegas Wash for the State of Nevada and a portion of the flows from the Yuma Mesa Division for the State of Arizona.

DIVERSIONS FROM MAINSTREAM-AVAILABLE RETURN FLOW
AND CONSUMPTIVE USE OF SUCH WATER
CALENDAR YEAR 1985
STATE OF ARIZONA

V (B)

FINAL RECORDS

(ACRE-FEET) SHEET 1 OF 5

WATER USER		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTALS 1/
LAKE MEAD NATIONAL RECREATION AREA DIVERSION FROM LAKE MOHAVE	DIVERSION RETURN CONSUMPTIVE USE	11	12	21	31	39	57	56	52	34	24	22	21	380
L. G. R. D. PROJECT (DAVIS DAM) DIVERSION AT DAVIS DAM	DIVERSION RETURN CONSUMPTIVE USE	1	1	2	2	3	5	6	7	6	4	2	1	40
MOHAVE COUNTY PARKS DIVERSION AT DAVIS DAM	DIVERSION RETURN CONSUMPTIVE USE	4	5	7	9	13	17	21	27	25	17	8	5	158
MOHAVE WATER CONSERVATION DISTRICT PUMPED FROM WELLS	DIVERSION RETURN CONSUMPTIVE USE	14	9	12	13	16	17	18	16	15	15	13	10	168
MOHAVE VALLEY I. & D. DISTRICT PUMPED FROM WELLS AND DIVERTED FROM INLET CHANNEL TO HAVASU REFUGE	DIVERSION RETURN CONSUMPTIVE USE	374	685	1284	2322	2871	2306	3197	2868	1787	1234	811	474	20213
FORT MOHAVE INDIAN RESERVATION 9 PUMPS AND WELLS IN FLOOD PLAIN	DIVERSION RETURN CONSUMPTIVE USE	0	0	0	10920	8748	3557	10982	9503	934	1	0	0	44645
HAVASU NATIONAL WILDLIFE REFUGE INLET-NW NE NW SEC 33 T9N R22W G&SRM	DIVERSION RETURN CONSUMPTIVE USE	0	0	0	0	0	0	0	0	0	0	0	0	0
LAKE HAVASU IRRIGATION AND DRAINAGE DISTRICT PUMPED FROM WELLS	DIVERSION RETURN CONSUMPTIVE USE	520	437	670	819	928	1062	1203	1179	973	845	626	553	9815
CENTRAL ARIZONA PROJECT PUMPED FROM LAKE HAVASU	DIVERSION RETURN CONSUMPTIVE USE	0	0	1303	1161	3805	1612	3936	12541	4916	2336	1110	782	33502

9

DIVERSIONS FROM MAINSTREAM-AVAILABLE RETURN FLOW
AND CONSUMPTIVE USE OF SUCH WATER
CALENDAR YEAR 1985
STATE OF ARIZONA

V (B)

FINAL RECORDS		(ACRE-FEET) SHEET 2 OF 5												
WATER USER		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTALS 1/
CONSOLIDATED WATER UTILITIES LTD. PUMPED FROM RIVER	DIVERSION RETURN CONSUMPTIVE USE	18	17	20	26	34	33	37	37	27	23	20	19	311
TOWN OF PARKER 1 WELL-NW NW NW SEC 7 T9N R19W G&SRM	DIVERSION RETURN CONSUMPTIVE USE	38	58	108	162	212	270	268	132	91	139	74	58	1610
COLORADO RIVER INDIAN RESERVATION DIVERSION AT HEADGATE ROCK DAM PUMPED FROM 2 WELLS IN PARKER SW NE SE SEC 2 T9N R21W G&SRM 4 PUMPS	DIVERSION DIVERSION 2/ RETURN CONSUMPTIVE USE	3959 1	24403 0	58642 1	61792 1	67510 1	70234 1	79935 1	80536 1	47618 1	25228 1	22024 1	17492 1	559373 11
NW SW NW SEC 14 T4N R22W G&SRM		53	404	894	1634	1030	1786	1607	1442	1117	654	869	202	11692
		15033	17164	23714	27781	27099	25980	26172	27802	25199	20768	19232	16820	272764
		-11020	7643	35823	35646	41442	46041	55371	54177	23537	5115	3662	875	298312
EHRENBURG IMPROVEMENT ASSN. 1 PUMP SW SEC 3 T3N R22W G&SRM	DIVERSION RETURN CONSUMPTIVE USE	9	8	12	15	16	20	21	20	15	16	12	9	173
CIBOLA VALLEY IRRIGATION DISTRICT 4 PUMPS SEC'S 20 & 21 T1N R23W G&SRM	DIVERSION 2/ RETURN CONSUMPTIVE USE	108	456	2660	1686	2397	3112	3270	2822	1427	243	334	255	18770
CIBOLA NATIONAL WILDLIFE REFUGE 3 PUMPS	DIVERSION 6/ RETURN CONSUMPTIVE USE	22	84	215	384	544	823	569	847	956	615	682	540	6281
IMPERIAL NATIONAL WILDLIFE REFUGE 2 WELLS SEC 13 T5S R22W G&SRM	DIVERSION 6/ RETURN CONSUMPTIVE USE	0	0	0	0	0	0	0	0	0	0	0	0	0
YUMA PROVING GROUND DIVERSION AT IMPERIAL DAM	DIVERSION RETURN CONSUMPTIVE USE	0	2	0	2	0	1	1	1	1	0	0	0	8

7

DIVERSIONS FROM MAINSTREAM-AVAILABLE RETURN FLOW
AND CONSUMPTIVE USE OF SUCH WATER
CALENDAR YEAR 1985
STATE OF ARIZONA

V (B)

FINAL RECORDS		(ACRE-FEET) SHEET 3 OF 5												
WATER USER		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTALS 1/
WARREN ACT CONTRACTORS DIVERSION AT IMPERIAL DAM	DIVERSION RETURN CONSUMPTIVE USE	268	163	646	585	496	343	302	535	367	255	222	255	4437
MELLTON-MOHAWK I. & D. DISTRICT DIVERSION AT IMPERIAL DAM	DIVERSION RETURN 3/ CONSUMPTIVE USE	13487 10679 2808	21914 10358 11556	33627 11468 22159	47775 11617 36158	40508 11933 28575	46453 8912 37541	50390 8412 41978	54544 9201 45343	37241 8950 28291	19737 9723 10014	17375 9775 7600	12640 10019 2621	395691 121047 274644
CITY OF YUMA DIVERSION AT IMPERIAL DAM	DIVERSION RETURN CONSUMPTIVE USE	987 651 336	1033 577 456	1303 646 657	1546 627 919	1692 644 1048	1793 602 1191	2060 658 1402	2033 664 1369	1498 602 896	1226 620 606	1119 629 490	1073 621 452	17363 7541 9822
MARINE CORPS AIR STATION (YUMA) DIVERSION AT IMPERIAL DAM	DIVERSION RETURN CONSUMPTIVE USE	62	69	119	196	282	287	338	329	220	121	69	42	2134
SOUTHERN PACIFIC COMPANY DIVERSION AT IMPERIAL DAM	DIVERSION RETURN CONSUMPTIVE USE	4	4	4	4	4	4	4	4	4	4	4	4	48
COUNTY OF YUMA DIVERSION AT IMPERIAL DAM	DIVERSION RETURN CONSUMPTIVE USE	1	1	1	1	1	1	1	1	1	1	1	1	12
YUMA MESA FRUIT GROWERS ASSN. DIVERSION AT IMPERIAL DAM	DIVERSION RETURN CONSUMPTIVE USE	1	1	1	1	1	1	1	1	1	1	1	1	12
UNIVERSITY OF ARIZONA DIVERSION AT IMPERIAL DAM	DIVERSION RETURN CONSUMPTIVE USE	50	52	66	18	81	46	75	98	81	48	40	0	655

DIVERSIONS FROM MAINSTREAM-AVAILABLE RETURN FLOW
AND CONSUMPTIVE USE OF SUCH WATER
CALENDAR YEAR 1985
STATE OF ARIZONA

V (B)

FINAL RECORDS

(ACRE-FEET) SHEET 4 OF 5

WATER USER		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTALS 1/
YUMA UNION HIGH SCHOOL DIVERSION AT IMPERIAL DAM	DIVERSION RETURN CONSUMPTIVE USE	4	8	16	24	39	56	22	33	27	13	14	5	261
CAMILLE, ALEC. JR. DIVERSION AT IMPERIAL DAM	DIVERSION RETURN CONSUMPTIVE USE	0	0	0	1	1	1	1	1	1	1	0	0	7
DESERT LAWN MEMORIAL DIVERSION AT IMPERIAL DAM	DIVERSION RETURN CONSUMPTIVE USE	3	4	4	4	10	11	14	2	0	0	0	1	53
NORTH GILA VALLEY IRRIGATION DISTRICT DIVERSION AT IMPERIAL DAM 7/	DIVERSION RETURN CONSUMPTIVE USE	2729 2265 464	3639 2364 1275	4680 2709 1971	6029 3366 2663	6024 3263 2761	4601 3011 1590	5330 3524 1806	3496 2539 957	3449 2489 960	5316 3765 1551	4335 3223 1112	3316 2671 645	52944 35189 17755
YUMA IRRIGATION DISTRICT DIVERSION AT IMPERIAL DAM 7/ PUMPED FROM PRIVATE WELLS	DIVERSION DIVERSION RETURN CONSUMPTIVE USE	2522 605 442 2685	3522 450 570 3402	5174 502 808 4868	7012 717 1099 6630	6104 663 971 5796	4453 589 709 4333	5209 801 793 5217	6066 798 934 5930	6691 953 1106 6538	5325 579 866 5038	4728 580 732 4576	4030 343 620 3753	60836 7580 9650 58766
YUMA MESA I. & D. DISTRICT DIVERSION AT IMPERIAL DAM 7/	DIVERSION RETURN CONSUMPTIVE USE	9669 2672 6997	10013 3590 6423	14138 3067 11071	24908 2801 22107	27332 2896 24436	30303 1404 28899	33069 1393 31676	30512 1889 28623	17189 1714 15475	12179 1077 11102	9959 2021 7938	9024 2082 6942	228295 26606 201689
PUMPED FROM SOUTH GILA WELLS 7/	RETURN 4/	5706	6181	6754	6234	5692	4674	5799	5174	3793	4243	7318	6779	68347
UNIT "B" I. & D. DISTRICT DIVERSION AT IMPERIAL DAM 7/, 7E/	DIVERSION RETURN CONSUMPTIVE USE	1546 472 1074	1804 634 1170	2085 541 1544	3907 494 3413	3683 511 3172	3815 247 3568	4561 246 4315	4221 334 3887	2818 302 2516	2270 190 2080	2029 357 1672	1084 368 716	33823 4696 29127

0

DIVERIONS FROM MAINSTREAM-AVAILABLE RETURN FLOW
AND CONSUMPTIVE USE OF SUCH WATER
CALENDAR YEAR 1985
STATE OF ARIZONA

V (B)

FINAL RECORDS

(ACRE-FEET) SHEET 5 OF 5

WATER USER		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTALS 1/
YUMA COUNTY WATER USERS ASSOCIATION														
DIVERSION AT IMPERIAL DAM	DIVERSION	14897	18923	27659	33925	25655	25945	30333	28431	20270	31271	18291	14375	289975
PUMPED FROM WELLS 7E/	DIVERSION	965	746	820	438	659	792	810	700	608	599	472	467	8076
	RETURN	8045	7663	8901	8597	9225	8755	9381	9915	9032	11283	11920	10416	113133
	CONSUMPTIVE USE	7817	12006	19578	25766	17089	17982	21762	19216	11846	20587	6843	4426	184918
COCOPAH INDIAN RESERVATION														
DIVERSION AT IMPERIAL DAM	DIVERSION	1	123	1	3	178	183	223	166	5	3	309	202	1397
PUMPED FROM WELLS 7E/	DIVERSION	395	146	748	1222	835	655	995	1265	1068	114	41	53	7537
	RETURN	0	2	0	0	1	1	2	2	0	0	3	1	12
	CONSUMPTIVE USE	396	267	749	1225	1012	837	1216	1429	1073	117	347	254	8922
FORT YUMA INDIAN RESERVATION														
PUMPED FROM WELLS	DIVERSION	0	91	634	596	158	0	13	0	0	0	0	0	1492
	RETURN													
	CONSUMPTIVE USE													
OTHER USERS PUMPING FROM COLORADO RIVER AND WELLS IN FLOOD PLAIN DAVIS DAM TO INTERNATIONAL BOUNDARY														
	DIVERSION 5/	1000	1474	2500	2951	5010	3409	4897	3774	3593	1888	1953	966	33415
ARIZONA TOTALS														
	DIVERSION	54328	90761	160579	212842	207583	208654	244577	249041	156028	112346	88150	68304	1853193
	RETURN	45965	49103	58608	62616	62235	54295	56380	58454	53187	52535	55210	50397	658985
	CONSUMPTIVE USE	8363	41658	101971	150226	145348	154359	188197	190587	102841	59811	32940	17907	1194208

NOTE THE TERM 'CONSUMPTIVE USE' IN THIS TABULATION MEANS MEASURED DIVERSIONS INCLUDING GROUNDWATER PUMPING, LESS MEASURED RETURN FLOW AND LESS CURRENT ESTIMATED UNMEASURED RETURN FLOW TO THE RIVER.

- 1/ NO SURFACE RETURNS UNLESS SHOWN ON REPORT.
- 2/ CALCULATED FROM MONTHLY POWER RECORDS.
- 3/ THIS FIGURE MAY INCLUDE SOME GILA RIVER WATER. NO EFFORT HAS BEEN MADE IN THIS OR PAST REPORTS TO SEGREGATE THE GILA RIVER COMPONENT FROM THE COLORADO RIVER COMPONENT IN THE WELTON-MOHAWK DRAINAGE AS NO METHODOLOGY HAS YET BEEN DEVELOPED THEREFOR. SUCH AN EFFORT WILL BE MADE IN FUTURE YEARS, AS DEEMED APPROPRIATE SINCE WELTON-MOHAWK IS NOT ENTITLED TO RETURN CREDIT FOR GILA RIVER WATER. THIS FIGURE INCLUDES 129,704 ACRE-FEET OF WELTON-MOHAWK DRAINAGE DELIVERED TO MEXICO IN EXCESS OF MINIMUM TREATY REQUIREMENTS PURSUANT TO PROVISIONS OF MINUTE NO. 242.
- 4/ PUMPED FROM UNDERGROUND AND UNASSIGNED TO DISTRICT AS RETURNS INCLUDE QUANTITIES OF DRAINAGE FROM YUMA MESA, 'UNIT B', AS WELL AS FROM SOUTH GILA VALLEY.
- 5/ DETAILS ON ARIZONA SUPPLEMENTAL SHEETS 1-3
- 6/ MONTHLY DISTRIBUTION NOT AVAILABLE, DISTRIBUTED ACCORDING TO MONTHLY DISTRIBUTION OF OTHER USERS IN IMMEDIATE AREA.
- 7/ SUMMATION FOR THE YUMA MESA DIVISION, CONSISTING OF THE NORTH GILA VALLEY IRRIGATION DISTRICT, THE YUMA IRRIGATION DISTRICT, AND THE YUMA MESA IRRIGATION AND DRAINAGE DISTRICT, IS AS FOLLOWS.

ITEM ----	ANNUAL TOTALS (ACRE-FEET) -----
DIVERSION AT IMPERIAL DAM A/ PUMPED FROM WELLS	342075 7580
SURFACE RETURNS FROM SOUTH GILA VALLEY	1134
RETURN FLOW NORTH GILA VALLEY	15072
RETURN FLOW SOUTH GILA VALLEY WELLS	68347
RETURN FLOW YUMA MESA OUTLET DRAIN B/ RETURN FLOW PROTECTIVE AND REGULATORY PUMPING UNIT C/ ESTIMATED UNMEASURED GROUNDWATER RETURN FLOW D/ SUBTOTAL RETURN FLOW E/	29251 2051 28633 144488
CONSUMPTIVE USE (SEE NOTE ABOVE)	205167
(A) TOTAL FOR THE NORTH GILA VALLEY, THE YUMA IRRIGATION, AND THE YUMA MESA IRRIGATION AND DRAINAGE DISTRICTS.	
(B) ESTIMATED AT 85 PERCENT OF THE YUMA MESA OUTLET DRAIN (24,863 ACRE-FEET) WITH BALANCE CREDITED TO 'UNIT B'.	
(C) ESTIMATED AT 85 PERCENT OF PROTECTIVE AND REGULATORY PUMPING UNIT (1,743 ACRE-FEET) 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 (YCHUA) 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 YCMUA AREA, AND BY SOME OF THE SURFACE DRAINS IN THE YCMUA AREA. EFFORTS WILL BE MADE TO AT LEAST QUANTIFY THESE RETURN FLOWS WITHIN BROAD LIMITS BY RESPECTIVE WATER USER ENTITIES IN FUTURE YEARS.	

DIVERSIONS FROM MAINSTREAM-AVAILABLE RETURN FLOW
AND CONSUMPTIVE USE OF SUCH WATER
CALENDAR YEAR 1985
STATE OF ARIZONA

V (B)

SUPPLEMENTAL SHEETS

(ACRE-FEET) SHEET 1 OF 3

WATER USER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTALS 1/
RAYNER, JACK JR. 1 PUMP SW SE SW SEC 34 T4N R22W G&SRM	0	22	28	92	1224	216	1032	639	659	225	48	0	4185 2/
ARAKELIAN, GEORGE 1 PUMP SE NW SE SEC 16 T3N R22W G&SRM	9	30	32	62	61	92	89	111	86	10	93	4	679 2/
TOWERY, ADRIN 1 PUMP SE SW NW SEC 21 T1N R23W G&SRM													3600
BLM PERMITTEES													62
SUBTOTALS-DAVIS DAM TO IMPERIAL DAM	9 6	52 39	60 45	154 115	1285 967	308 231	1121 843	750 564	745 567	235 176	141 106	4 3	4864 3662
PRATT, L. 1 WELL - 1 SEC 14 T7S R22W G&SRM													420
DULIN, ARLIN 1 WELL SE SW SW SEC 7 T8S R22W G&SRM	17	0	172	30	109	36	0	0	0	0	0	0	364 2/
STURGES, STEVE 9 WELLS SEC 18 T8S R 21W & SEC. 'S 13 & 14 T8S R22W G&SRM	323	506	874	1134	1010	1216	1263	838	765	593	635	287	9444 2/

DIVERSIONS FROM MAINSTREAM-AVAILABLE RETURN FLOW
AND CONSUMPTIVE USE OF SUCH WATER
CALENDAR YEAR 1985
STATE OF ARIZONA

V (B)

SUPPLEMENTAL SHEETS

(ACRE-FEET) SHEET 2 OF 3

WATER USER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTALS 1/
YOWELMAN, R. 1 WELL NW SW SW SEC 17 T8S R22W G&SRM													720
AUZA, PETE 1 WELL SE NW SW SEC 18 T8S R22W G&SRM	0	4	0	0	0	69	0	144	78	0	90	76	461 2/
1 PUMP SE SE NE SEC 24 T8S R23W G&SRM													1590
1 WELL & 1 SE SE SE SEC 18 T8S R22W G&SRM													3180
UTT, JUDD T. 1 WELL NW NE NW SEC 30 T8S R22W G&SRM	1	3	15	3	40	7	14	1	60	19	18	8	189 2/
1 WELL SE SW SW SEC 19 T8S R22W G&SRM	66	77	43	44	64	36	64	78	55	34	34	54	649 2/
CAMERON BROS. 2 WELLS SE NE SW SEC 24 T8S R22W G&SRM	0	0	0	0	0	0	0	12	3	3	0	0	18 2/
HARP, R. 1 WELL SE NE NE SEC 13 T8S R23W G&SRM													1458
VUKASOVICH 1 WELL SE NE SW SEC 24 T8S R22W G&SRM	22	17	47	24	59	11	55	57	59	55	29	15	450 2/
PEACH 1 WELL SW SE SE SEC 22 T8S R23W G&SRM	0	40	22	51	39	32	24	37	96	30	35	17	423 2/

DIVERSIONS FROM MAINSTREAM-AVAILABLE RETURN FLOW
AND CONSUMPTIVE USE OF SUCH WATER
CALENDAR YEAR 1985
STATE OF ARIZONA

V (B)

SUPPLEMENTAL SHEETS

(ACRE-FEET) SHEET 3 OF 3

WATER USER		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTALS 1/
ARIZONA PRODUCTS 1 WELL NE SE SW SEC 23 T8S R23W G&SRM	DIVERSION	65	55	43	72	71	41	59	82	42	16	25	30	601 2/
POWER, BILL 1 PUMP SW SW NE SEC 30 T16S R22E SBM	DIVERSION													1980
POWER, R. E. (P. POWER) 1 PUMP SW SW NE SEC 30 T16S R22E SBM	DIVERSION													1920
HALL, ANSIL 1 PUMP NW SW NW SEC 36 T16S R21E SBM	DIVERSION													480
YUCCA POWERPLANT 1 WELL NE NW SW SEC 36 T16S R21E SBM	DIVERSION													509
ARIZONA SUBTOTALS	DIVERSION 3/	494	702	1216	1358	1392	1448	1479	1249	1158	750	866	487	12599
IMPERIAL DAM TO INTERNATIONAL BOUNDARY	DIVERSION 4/	480	682	1182	1328	1354	1408	1438	1215	1126	729	842	473	12257
ARIZONA TOTALS	DIVERSION	989	1475	2503	2955	4998	3395	4881	3778	3596	1890	1955	967	33382

1/ CALCULATED BY ASSUMING AN ANNUAL DIVERSION OF 6 ACRE-FEET PER IRRIGATED ACRE UNLESS OTHERWISE NOTED.

2/ CALCULATED FROM MONTHLY POWER RECORDS AND POWER-DISCHARGE MEASUREMENTS WHERE AVAILABLE, AND WHERE POWER-DISCHARGE MEASUREMENTS WERE NOT AVAILABLE CALCULATED FROM POWER-DISCHARGE RATE.

3/ TOTAL OF ITEMS FOR USERS FOR WHICH MONTHLY DISTRIBUTION IS SHOWN.

4/ TOTAL OF ITEMS FOR USERS FOR WHICH MONTHLY DISTRIBUTION IS NOT SHOWN. DISTRIBUTED ACCORDING TO MONTHLY DISTRIBUTION OF OTHER USERS IN IMMEDIATE AREA.

Revision 1984

DIVERSIONS FROM MAINSTREAM-AVAILABLE RETURN FLOW
AND CONSUMPTIVE USE OF SUCH WATER
CALENDAR YEAR 1984
STATE OF ARIZONA

V(B)

FINAL RECORDS		(ACRE-FEET)												
WATER USER		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTALS 1/
COLORADO RIVER INDIAN RESERVATION														
DIVERSION AT HEADGATE ROCK DAM	DIVERSION	14714	45791	63101	61197	64569	79042	78297	67302	50843	34717	23348	2696	585617
PUMPED FROM 2 WELLS IN PARKER	DIVERSION	1	1	1	1	1	1	1	0	0	0	0	0	7
SW NE SE SEC 2 T9N R21W G&SRM														
4 PUMPS	DIVERSION 2/	215	268	268	0	1342	1342	1809	215	1010	959	855	671	8954
NE SW NW SEC 14 T4N R22W G&SRM														
	RETURN	20494	18733	27900	29748	28027	28243	32849	32168	27900	26150	22359	17860	312431
	CONSUMPTIVE USE	-5564	27327	35470	31450	37885	52142	47258	35349	23953	9526	1844	-14493	282147
YUMA COUNTY WATER USERS ASSOCIATION														
DIVERSION AT IMPERIAL DAM	DIVERSION	15271	24892	28600	27559	26296	30215	20277	24771	22248	26671	17560	9939	274299
PUMPED FROM WELLS 7E/	DIVERSION	1125	888	964	932	928	871	893	887	998	1070	729	859	11144
	RETURN	8595	8937	9202	9040	9463	9019	8840	8761	9120	10262	10225	9269	110733
	CONSUMPTIVE USE	7801	16843	20362	19451	17761	22067	12330	16897	14126	17479	8064	1529	174710
ARIZONA TOTALS														
	DIVERSION	74246	137702	176281	181112	203580	224896	196770	183645	171386	127649	88083	33302	1798652
	RETURN	52299	50443	61300	61168	60581	57379	60257	61364	59670	58853	52002	47220	682536
	CONSUMPTIVE USE	21947	87259	114981	119944	142999	167517	136513	122281	111716	68796	36081	-13916	1,116,116

NOTE THE TERM 'CONSUMPTIVE USE' IN THIS TABULATION MEANS MEASURED DIVERSIONS INCLUDING UNDERGROUND PUMPING, LESS MEASURED RETURN FLOW AND LESS CURRENT ESTIMATED UNMEASURED RETURN FLOW TO THE RIVER.

- 1/ SURFACE RETURNS UNLESS SHOWN ON REPORT.
- 2/ COMPUTED FROM MONTHLY POWER RECORDS.
- 3/ THIS FIGURE MAY INCLUDE SOME GILA RIVER WATER. NO EFFORT HAS BEEN MADE IN THIS OR PAST REPORTS TO SEGREGATE THE GILA RIVER COMPONENT FROM THE COLORADO RIVER COMPONENT IN THE WELLTON-MOHAWK DRAINAGE AS NO METHODOLOGY HAS YET BEEN DEVELOPED THEREFOR. SUCH AN EFFORT WILL BE MADE IN FUTURE YEARS, AS DEEMED APPROPRIATE SINCE WELLTON-MOHAWK IS NOT ENTITLED TO RETURN CREDIT FOR GILA RIVER WATER. THIS FIGURE INCLUDES 125,615 ACRE-FEET OF WELLTON-MOHAWK DRAINAGE DELIVERED TO MEXICO IN EXCESS OF MINIMUM TREATY REQUIREMENTS PURSUANT TO PROVISIONS OF MINUTE NO. 242.
- 4/ PUMPED FROM UNDERGROUND AND UNASSIGNED TO DISTRICT AS RETURNS INCLUDE QUANTITIES OF DRAINAGE FROM YUMA MESA, 'UNIT B', AS WELL AS FROM SOUTH GILA VALLEY.
- 5/ DETAILS ON ARIZONA SUPPLEMENTAL SHEETS 1-4
- 6/ MONTHLY DISTRIBUTION NOT AVAILABLE. DISTRIBUTED ACCORDING TO MONTHLY DISTRIBUTION OF OTHER USERS IN IMMEDIATE AREA.
- 7/ COMPUTED USING 6 ACRE-FEET PER IRRIGATED ACRE WITH ACREAGE FURNISHED BY THE U. S. G. S. AND DISTRIBUTED ACCORDING TO MONTHLY DISTRIBUTION OF OTHER USERS IN THE IMMEDIATE AREA.
- 8/ SUMMATION FOR THE YUMA MESA DIVISION, CONSISTING OF THE NORTH GILA VALLEY IRRIGATION DISTRICT, THE YUMA IRRIGATION DISTRICT, AND THE YUMA MESA IRRIGATION, AND DRAINAGE DISTRICT, IS AS FOLLOWS.

ITEM	ANNUAL TOTALS (ACRE-FEET)
DIVERSION AT IMPERIAL DAM A/ PUMPED FROM WELLS	309625 8787
SURFACE RETURNS FROM SOUTH GILA VALLEY	1512
RETURN FLOW NORTH GILA VALLEY	14004
RETURN FLOW SOUTH GILA VALLEY WELLS	64089
RETURN FLOW YUMA MESA OUTLET DRAIN B/ RETURN FLOW PROTECTIVE AND REGULATORY PUMPING UNIT C/ ESTIMATED UNMEASURED GROUNDWATER RETURN FLOW D/ SUBTOTAL RETURN FLOW E/	22388 3017 23237 128247
CONSUMPTIVE USE (SEE NOTE ABOVE)	190165
(A) TOTAL FOR THE NORTH GILA VALLEY, THE YUMA IRRIGATION, AND THE YUMA MESA IRRIGATION AND DRAINAGE DISTRICTS.	
(B) ESTIMATED AT 85 PERCENT OF THE YUMA MESA OUTLET DRAIN (19,030 ACRE-FEET) WITH BALANCE CREDITED TO 'UNIT B'.	
(C) ESTIMATED AT 85 PERCENT OF PROTECTIVE AND REGULATORY PUMPING UNIT (2,564 ACRE-FEET) 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.	

DIVERSIONS FROM MAINSTREAM-AVAILABLE RETURN FLOW
AND CONSUMPTIVE USE OF SUCH WATER
CALENDAR YEAR 1985
STATE OF CALIFORNIA

V (B)

FINAL RECORDS

(ACRE-FEET) SHEET 1 OF 2

WATER USER		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTALS 1/
FORT MOHAVE INDIAN RESERVATION PUMPED FROM RIVER AND WELLS	DIVERSION 7/ RETURN CONSUMPTIVE USE	0	0	0	4138	3316	1348	4162	3602	354	0	0	0	16920
CITY OF NEEDLES 4 WELLS NW SW SEC 29 T9N R23E SBM	DIVERSION RETURN CONSUMPTIVE USE	207 33 174	212 34 178	144 40 104	227 41 186	295 47 248	391 59 332	420 63 357	444 62 382	285 49 236	196 48 148	124 41 83	104 42 62	3049 559 2490
SAN BERNARDINO COUNTY 1 WELL	DIVERSION RETURN CONSUMPTIVE USE	1	1	1	1	2	2	3	2	2	1	1	1	18
METROPOLITAN WATER DISTRICT DIVERSION FROM LAKE HAVASU	DIVERSION RETURN 5/ CONSUMPTIVE USE	83859 346 83513	81909 305 81604	104508 337 104171	106863 308 106555	118838 300 118538	111032 263 110769	114020 272 113748	114980 311 114669	108518 313 108205	112734 316 112418	111509 308 111201	104466 331 104135	1273236 3710 1269526
PARKER DAM AND GOVERNMENT CAMP DIVERSION AT PARKER DAM	DIVERSION RETURN CONSUMPTIVE USE	4	5	7	14	20	22	28	28	20	19	10	8	185
COLORADO RIVER INDIAN RESERVATION PUMPED FROM 11 PUMPS AND WELLS 2 PUMPS-BIG RIVER	DIVERSION 4/ DIVERSION 4/ RETURN CONSUMPTIVE USE	0 26	0 41	139 95	387 99	1046 216	444 78	754 139	1068 132	833 85	221 73	16 72	15 69	4923 1125
PALO VERDE IRRIGATION DISTRICT DIVERSION FROM PALO VERDE DAM	DIVERSION RETURN CONSUMPTIVE USE	26563 30463 -3900	54848 30017 24831	81919 40271 41648	98858 40755 58103	97013 43901 53112	104907 42750 62157	109291 46400 62891	108180 47743 60437	70664 48029 22635	45999 45756 243	45254 38698 6556	36400 28173 8227	879896 482956 396940

DIVERSIONS FROM MAINSTREAM-AVAILABLE RETURN FLOW
AND CONSUMPTIVE USE OF SUCH WATER
CALENDAR YEAR 1985
STATE OF CALIFORNIA

V (B)

FINAL RECORDS

(ACRE-FEET) SHEET 2 OF 2

WATER USER		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTALS 1/
YUMA PROJECT RES. DIV. INDIAN UNIT DIVERSION AT IMPERIAL DAM														
	DIVERSION	1853	2429	3069	3364	2424	2033	3335	2986	1667	3515	1533	1688	29896
	RETURN	10	14	14	17	14	11	21	19	11	24	14	14	183
	CONSUMPTIVE USE	1843	2415	3055	3347	2410	2022	3314	2967	1656	3491	1519	1674	29713
YUMA PROJECT RES. DIV. BARD UNIT DIVERSION AT IMPERIAL DAM														
	DIVERSION	2514	2995	4256	6113	5342	4205	4690	4353	2824	3825	2586	2590	46293
	RETURN	8	11	13	18	19	15	18	18	13	17	14	12	176
	CONSUMPTIVE USE	2506	2984	4243	6095	5323	4190	4672	4335	2811	3808	2572	2578	46117
RETURNS FROM YUMA PROJECT RESERVATION DIVISION RETURNS														
	RETURN 2/	2652	1549	3107	2978	1385	2585	2418	1622	2490	3216	2896	2724	29622
IMPERIAL IRRIGATION DISTRICT DIVERSION AT IMPERIAL DAM														
	DIVERSION	114480	167715	260805	337692	305371	273468	293472	317524	227541	206244	146613	66988	2717913
	RETURN	1418	1728	2393	3314	3352	2989	3592	4026	3040	2960	2318	946	32076
	CONSUMPTIVE USE	113062	165987	258412	334378	302019	270479	289880	313498	224501	203284	144295	66042	2685837
COACHELLA VALLEY WATER DISTRICT DIVERSION AT IMPERIAL DAM														
	DIVERSION	15393	19639	27447	35187	38243	38421	40804	43887	32510	22898	14205	12406	341040
	RETURN	179	203	251	346	420	421	500	557	435	327	224	175	4038
	CONSUMPTIVE USE	15214	19436	27196	34841	37823	38000	40304	43330	32075	22571	13981	12231	337002
HUTCHESON, JOHN E. 1 PUMP SE SE SE SEC 27 T16S SBM														
	DIVERSION													1
	RETURN													
	CONSUMPTIVE USE													
CITY OF WINTERHAVEN 1 WELL SE SE NE SEC 27 T16S R22E SBM														
	DIVERSION 6/ RETURN	6	5	6	9	10	13	12	12	10	8	6	4	101
	CONSUMPTIVE USE													
OTHER USERS PUMPING FROM COLORADO RIVER AND WELLS IN FLOOD PLAIN DAVIS DAM TO INTERNATIONAL BOUNDARY														
	DIVERSION 3/	899	610	1410	1748	2799	1811	2045	2434	2173	769	547	228	17473
	RETURN													
	CONSUMPTIVE USE													
CALIFORNIA TOTALS														
	DIVERSION	245805	330409	483806	594700	574935	538175	573175	599632	447486	396502	322476	224967	5332069
	RETURN	35109	33861	46426	47777	49438	49093	53284	54358	54380	52664	44513	32417	553320
	CONSUMPTIVE USE	210696	296548	437380	546923	525497	489082	519891	545274	393106	343838	277963	192550	4778749

NOTE THE TERM 'CONSUMPTIVE USE' IN THIS TABULATION MEANS MEASURED DIVERSIONS INCLUDING UNDERGROUND PUMPING, LESS MEASURED RETURN FLOW AND LESS CURRENT ESTIMATED UNMEASURED RETURN FLOW TO THE RIVER.

1/ NO SURFACE RETURNS UNLESS SHOWN ON REPORT.

2/ RETURNS UNASSIGNED INCLUDE UNKNOWN QUANTITIES OF DRAINAGE FROM THE INDIAN UNIT AND THE BARD UNIT IN THE RESERVATION DIVISION BUT EXCLUDES SEEPAGE FROM THE ALL-AMERICAN CANAL.

3/ DETAILS ON CALIFORNIA SUPPLEMENTAL SHEETS 1-3.

4/ CALCULATED FROM MONTHLY POWER RECORDS AND POWER-DISCHARGE MEASUREMENT WHERE AVAILABLE, AND WHERE POWER-DISCHARGE MEASUREMENTS WERE NOT AVAILABLE CALCULATED FROM AVERAGE POWER-DISCHARGE RATE.

5/ ESTIMATE BASED ON MEASURED REGULATORY RESERVOIRS SEEPAGE RETURNS LESS AN ESTIMATED AMOUNT OF PHREATOPHYTE USE.

6/ TOTAL OF ITEMS FOR WHICH MONTHLY DISTRIBUTION IS NOT SHOWN, DISTRIBUTED ACCORDING TO MONTHLY DISTRIBUTION OF OTHER USERS IN IMMEDIATE AREA.

7/ COMPUTED USING 6 ACRE-FEET PER IRRIGATED ACRE WITH ACREAGE FURNISHED BY THE U. S. G. S. AND DISTRIBUTED ACCORDING TO MONTHLY DISTRIBUTION OF OTHER USERS IN THE IMMEDIATE AREA.

DIVERSIONS FROM MAINSTREAM-AVAILABLE RETURN FLOW
AND CONSUMPTIVE USE OF SUCH WATER
CALENDAR YEAR 1985
STATE OF CALIFORNIA

V(B)

SUPPLEMENTAL SHEETS

(ACRE-FEET) SHEET 1 OF 3

WATER USER		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTALS 1/
SOTO BROTHERS 1 WELL SW NE SE SEC 36 T11N R22E SBM	DIVERSION													900
KENNEDY, LARRY 1 WELL NW NE NW SEC 31 T11N R22E SBM	DIVERSION													240
1 WELL SE NW NE SEC 36 T11N R22E SBM	DIVERSION													720
MAJORS, GENE 1 WELL SE NE NW SEC 31 T11N R21E SBM	DIVERSION													720
BLM PERMITTEES	DIVERSION													206
SUBTOTALS-DAVIS DAM TO IMPERIAL DAM	DIVERSION 4/	5	29	34	88	736	176	642	429	431	134	80	2	2786
LAND, (RALPH 1 WELL SW SE SF SEC 35 T15S R23E SBM	DIVERSION	57	53	102	94	50	57	64	115	98	29	19	0	738 2/
1 WELL SE SE NW SEC 22 T16S R23E SBM	DIVERSION	42	46	47	83	94	103	100	91	77	51	39	74	847 2/
POWER, PETE 1 WELL NW SW SW SEC 14, T16S R23E SBM	DIVERSION													1992
PEREZ, F. (GLADE) 1 WELL NE SE SW SEC 6 T8S R22W G&SRM	DIVERSION	1	0	44	223	156	215	0	0	0	0	0	0	639 2/

2580

DIVERSIONS FROM MAINSTREAM-AVAILABLE RETURN FLOW
AND CONSUMPTIVE USE OF SUCH WATER
CALENDAR YEAR 1985
STATE OF CALIFORNIA

V (B)

SUPPLEMENTAL SHEETS

(ACRE-FEET) SHEET 2 OF 3

WATER USER		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTALS 1/
BARRETT (R. HARP) 1 WELL SE SW SW SEC 6 T8S R22W G&SRM	DIVERSION													858
SPENCER, M. 1 WELL SW NE SW SEC 9 T16S R23E G&SRM	DIVERSION	0	0	56	11	105	9	30	41	16	5	3	8	284 2/
MARTIN, M. (A. DEFS) 1 PUMP SE NE NW SEC 1 T8S R23W G&SRM	DIVERSION	75	64	139	106	106	3	53	36	126	56	0	0	764 2/
1 PUMP SE NE NW SEC 1 T8S R23W SRM	DIVERSION	121	38	332	276	234	177	143	204	294	98	4	4	1925 2/
TAYLOR BROTHERS 1 WELL NE SE SE SEC 2 T8S R23W G&SRM	DIVERSION	47	23	11	13	6	13	9	9	13	0	0	1	145 2/
WILSON (R. HARP) 1 WELL NE NW NW SEC 12 T8S R23W G&SRM	DIVERSION	141	12	85	82	109	74	85	106	94	29	32	21	870 2/
EASTERDAY, A. 1 WELL SW SW SE SEC 1 T8S R23W G&SRM	DIVERSION	64	77	48	50	66	64	77	68	73	14	34	0	635 2/
DEES, ALEX 1 WELL SE NE SE SEC 1 T8S R23W GRM	DIVERSION	21	44	76	117	182	245	228	240	204	96	57	34	1544 2/

DIVERSIONS FROM MAINSTREAM-AVAILABLE RETURN FLOW
AND CONSUMPTIVE USE OF SUCH WATER
CALENDAR YEAR 1985
STATE OF CALIFORNIA

V (B)

SUPPLEMENTAL SHEETS

(ACRE-FEET) SHEET 3 OF 3

WATER USER		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTALS	1/
EVANS, E. (R. HARP)															
1 WELL	DIVERSION	3	3	3	3	188	67	57	315	41	3	3	6	692	2/
SE NE NE SEC 12 T8S R23W G&SBM															
1 WELL	DIVERSION													882	
SW NE SE SEC 12 T8S R23W G&SRM															
EASTERDAY, KENNETH															
1 WELL	DIVERSION	68	36	46	67	180	116	164	185	151	53	30	10	1106	2/
NW SE SW SEC 12 T8S R23W G&SRM															
SMITH, F. (P. POWER)															
1 WELL	DIVERSION	27	38	38	108	63	77	37	86	113	40	128	11	766	2/
NE SW SE SEC 11 T8S R23W G&SRM															
CALIFORNIA SUBTOTALS	DIVERSION 3/	667	434	1027	1233	1539	1220	1047	1496	1300	474	349	169	10955	
IMPERIAL DAM TO INTERNATIONAL BOUNDARY	DIVERSION 4/	227	147	349	427	524	415	356	509	442	161	118	57	3732	
CALIFORNIA TOTALS	DIVERSION	899	610	1410	1748	2799	1811	2045	2434	2173	769	547	228	17473	

1/ CALCULATED BY ASSUMING AN ANNUAL DIVERSION OF 6 ACRE-FEET PER IRRIGATED ACRE UNLESS OTHERWISE NOTED.

2/ CALCULATED FROM MONTHLY POWER RECORDS AND POWER-DISCHARGE MEASUREMENTS WHERE AVAILABLE, AND WHERE POWER-DISCHARGE MEASUREMENTS WERE NOT AVAILABLE CALCULATED FROM POWER-DISCHARGE RATE.

3/ TOTAL OF ITEMS FOR USERS FOR WHICH MONTHLY DISTRIBUTION IS SHOWN.

4/ TOTAL OF ITEMS FOR USERS FOR WHICH MONTHLY DISTRIBUTION IS NOT SHOWN. DISTRIBUTED ACCORDING TO MONTHLY DISTRIBUTION OF OTHER USERS IN IMMEDIATE AREA.

DIVERSIONS FROM MAINSTREAM AVAILABLE RETURN FLOW
AND CONSUMPTIVE USE OF SUCH WATER
CALENDAR YEAR 1984
STATE OF CALIFORNIA

FINAL RECORDS		(ACRE-FEET)												
WATER USER		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTALS 1/
RETURNS FROM YUMA PROJECT														
RESERVATION DIVISION RETURNS	RETURN 2/	2571	2297	2684	2503	1668	1775	1721	2148	1973	3093	1922	2025	26381
CALIFORNIA TOTALS	DIVERSION	297850	365425	507637	568094	551909	510470	504927	505417	473939	419367	315183	293056	5223274
	RETURN	34899	39637	44769	44166	47084	49218	56498	51558	50173	48819	43091	42281	552193
	CONSUMPTIVE USE	262951	325788	462868	523928	504825	461252	448429	453859	423766	370548	272092	160775	4671081

DIVERSIONS FROM MAINSTREAM-AVAILABLE RETURN FLOW
AND CONSUMPTIVE USE OF SUCH WATER
CALENDAR YEAR 1985
STATE OF NEVADA

V (B)

FINAL RECORDS

(ACRE- FEET) SHEET 1 OF 3

WATER USER		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTALS 1/
BOULDER CANYON PROJECT DIVERSION AT HOOVER DAM	DIVERSION RETURN CONSUMPTIVE USE	10	7	11	13	18	8	8	6	6	7	7	8	109
ROBERT B. GRIFFITH WATER PROJECT DIVERSION AT SADDLE ISLAND, LAKE MEAD	DIVERSION RETURN CONSUMPTIVE USE	9095	8551	10535	13006	15095	16046	17077	16961	14378	12009	8970	9032	150755
LAKE MEAD NATIONAL RECREATION AREA DIVERSION AT LAKE MEAD	DIVERSION RETURN CONSUMPTIVE USE	56	53	73	82	99	93	104	96	90	74	57	46	923
BASIC MANAGEMENT INC. DIVERSION AT SADDLE ISLAND, LAKE MEAD	DIVERSION RETURN CONSUMPTIVE USE	893	804	927	945	908	1203	1163	1228	948	859	822	826	11526
NEVADA STATE DEPARTMENT OF FISH AND GAME DIVERSION AT SADDLE ISLAND, LAKE MEAD	DIVERSION RETURN CONSUMPTIVE USE	408 408 0	367 367 0	411 410 1	398 398 0	396 396 0	364 363 1	369 369 0	362 362 0	342 341 1	390 390 0	394 394 0	407 406 1	4608 4604 4
PACIFIC COAST BUILDING PRODUCTS INC. DIVERSION AT GYPSUM WASH, LAKE MEAD	DIVERSION RETURN CONSUMPTIVE USE	53	47	29	57	22	57	12	65	53	58	58	48	559
SOUTHERN CALIFORNIA EDISON COMPANY PUMPED FROM SEC 24 T32S R66E MDB&M	DIVERSION RETURN CONSUMPTIVE USE	1002	1223	1509	1211	817	169	3	4	0	56	8	253	6255
CLARK COUNTY PARKS & RECREATION DEPT. 1 PUMP SEC 1 T32S R66E MDB&M	DIVERSION 2/ RETURN CONSUMPTIVE USE	1	0	1	1	1	1	2	2	1	1	1	0	12

DIVERSIONS FROM MAINSTREAM-AVAILABLE RETURN FLOW
AND CONSUMPTIVE USE OF SUCH WATER
CALENDAR YEAR 1985
STATE OF NEVADA

V (B)

FINAL RECORDS

(ACRE-FEET) SHEET 2 OF 3

WATER USER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTALS 1/
BIG BEND WATER DISTRICT 1 PUMP SEC 13 T32S R66E MDB&M DIVERSION RETURN CONSUMPTIVE USE	26	49	51	73	99	119	112	91	85	78	63	49	895
WIEBKE, ETHYL F. 1 PUMP SEC 33 T32S R66E MDB&M DIVERSION 2/ RETURN CONSUMPTIVE USE													8
PORTENIER, WARREN E. 1 PUMP SEC 33 T32S R66E MDB&M DIVERSION 2/ RETURN CONSUMPTIVE USE													42
WELLES, JOHN C. 1 PUMP SEC 33 T32S R66E MDB&M DIVERSION 2/ RETURN CONSUMPTIVE USE													8
KNIGHT, JOHN B. 1 PUMP SEC 33 T32S R66E MDB&M DIVERSION 2/ RETURN CONSUMPTIVE USE													5
BOY SCOUTS OF AMERICA 1 PUMP SEC 5 T33S R66E MDB&M DIVERSION 2/ RETURN CONSUMPTIVE USE													6

DIVERSIONS FROM MAINSTREAM-AVAILABLE RETURN FLOW
AND CONSUMPTIVE USE OF SUCH WATER
CALENDAR YEAR 1985
STATE OF NEVADA

V (B)

FINAL RECORDS		(ACRE-FEET) SHEET 3 OF 3												
WATER USER		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTALS 1/
LAS VEGAS WASH RETURNS	RETURN 4/	5148	4704	5488	5570	6104	5530	6399	5910	6323	6156	6040	6026	69398
NEVADA TOTALS	DIVERSION	11544	11101	13547	15786	17455	18060	18850	18815	15903	13532	10380	10669	175711 3/
	RETURN	5556	5071	5898	5968	6500	5893	6768	6272	6664	6546	6434	6432	74002
	CONSUMPTIVE USE	5988	6030	7649	9818	10955	12167	12082	12543	9239	6986	3946	4237	101709 3/

NOTE THE TERM 'CONSUMPTIVE USE' IN THIS TABULATION MEANS MEASURED DIVERSIONS INCLUDING UNDERGROUND PUMPING, LESS MEASURED RETURN FLOW AND LESS CURRENT ESTIMATED UNMEASURED RETURN FLOW TO THE RIVER.

1/ NO SURFACE RETURNS UNLESS SHOWN ON REPORT.

2/ REPORTS ANNUALLY.

3/ THE MONTHLY TOTALS DO NOT ADD TO THE ANNUAL TOTAL BECAUSE OF NONAVAILABILITY OF MONTHLY VALUES FOOTNOTED 2/.

4/ ESTIMATED BASED ON HISTORIC USE METHOD ADOPTED BY THE TASK FORCE ON UNMEASURED RETURN FLOWS ON AUGUST 28, 1984.

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 1985

The following tabulations for calendar year 1985 show records of releases of mainstream water pursuant to orders, therefore, 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 diversions from the Colorado River in Nevada so no sheet is included in 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

V (C)

AND
QUANTITY OF SUCH WATER DELIVERED TO MEXICO IN SATISFACTION OF MEXICAN TREATY OR DIVERTED BY OTHERS
CALENDAR YEAR 1985
STATE OF ARIZONA

(ACRE-FEET) SHEET 1 OF 3

WATER USER		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTALS
COLO. RIVER INDIAN RESERVATION DIVERSION AT HEADGATE ROCK	ORDERED BUT NOT DIVERTED DELIVERED TO MEXICO IN SATISFACTION OF TREATY	1420	1244	1273	2493	3386	8759	436	0	438	2291	296	1218	23254
	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	361	204	274	619	536	278	40	0	91	635	28	216	3282
		1059	1040	999	1874	2850	8481	396	0	347	1656	268	1002	19972
YUMA PROVING GROUND U. S. ARMY DIVERSION AT IMPERIAL DAM 1/	ORDERED BUT NOT DIVERTED DELIVERED TO MEXICO IN SATISFACTION OF TREATY	0	0	0	0	0	0	0	0	0	0	0	0	0
	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
NORTH GILA VALLEY I. D. DIVERSION AT IMPERIAL DAM	ORDERED BUT NOT DIVERTED DELIVERED TO MEXICO IN SATISFACTION OF TREATY	551	653	700	587	426	581	867	793	623	151	460	714	7106
	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	236	165	305	315	234	381	510	371	61	8	10	363	2959
		315	488	395	272	192	200	357	422	562	143	450	351	4147
WARREN ACT CONTRACTORS GILA PROJECT DISTRICTS DIVERSION AT IMPERIAL DAM 1/	ORDERED BUT NOT DIVERTED DELIVERED TO MEXICO IN SATISFACTION OF TREATY	0	0	0	0	0	0	0	0	0	0	0	0	0
	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 DIVERTED DELIVERED TO MEXICO IN SATISFACTION OF TREATY	2735	3759	4657	8846	6421	3140	4493	6472	9388	7944	4330	2951	65136
	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	803	420	847	2031	1561	1525	1857	2156	1208	924	238	651	14221
		1932	3339	3810	6815	4860	1615	2636	4316	8180	7020	4092	2300	50915

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 1985
STATE OF ARIZONA

V (C)

(ACRE-FEET) SHEET 2 OF 3

WATER USER		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTALS
YUMA IRRIGATION DISTRICT DIVERSION AT IMPERIAL DAM	ORDERED BUT NOT DIVERTED DELIVERED TO MEXICO IN SATISFACTION OF TREATY	1343	809	714	732	853	1053	990	538	881	1452	1841	948	12154
	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	613	290	303	248	339	768	651	428	58	301	175	569	4743
		730	519	411	484	514	285	339	110	823	1151	1666	379	7411
YUMA MESA I. & D. DISTRICT DIVERSION AT IMPERIAL DAM	ORDERED BUT NOT DIVERTED DELIVERED TO MEXICO IN SATISFACTION OF TREATY	1565	1388	674	1549	1067	274	815	331	5147	6101	3983	2878	25772
	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	409	234	141	127	264	119	419	204	589	520	702	895	4623
		1156	1154	533	1422	803	155	396	127	4558	5581	3281	1983	21149
UNIT "B" I. & D. DISTRICT DIVERSION AT IMPERIAL DAM	ORDERED BUT NOT DIVERTED DELIVERED TO MEXICO IN SATISFACTION OF TREATY	508	684	323	303	282	240	424	442	958	718	522	125	5529
	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	147	214	135	61	48	163	260	224	93	81	52	75	1553
		361	470	188	242	234	77	164	218	865	637	470	50	3976
CITY OF YUMA DIVERSION AT IMPERIAL DAM	ORDERED BUT NOT DIVERTED DELIVERED TO MEXICO IN SATISFACTION OF TREATY	27	0	0	0	0	0	0	0	164	37	82	68	378
	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	27	0	0	0	0	0	0	0	164	37	82	68	378
		9	0	0	0	0	0	0	0	145	21	56	32	263
YUMA COUNTY WATER USERS ASSN. DIVERSION AT IMPERIAL DAM	ORDERED BUT NOT DIVERTED DELIVERED TO MEXICO IN SATISFACTION OF TREATY	1150	2446	1212	569	2925	3057	1897	2354	1125	1647	4393	3835	26610
	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	750	1706	670	480	2088	2402	1496	1719	130	706	1401	2006	15554
		400	740	542	89	837	655	401	635	995	941	2992	1829	11056

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 1985
 STATE OF ARIZONA

V(C)

(ACRE-FEET) SHEET 3 OF 3

WATER USER		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTALS
COCOPAH INDIAN RESERVATION DIVERSION AT IMPERIAL DAM	ORDERED BUT NOT DIVERTED	7	12	0	0	15	15	11	12	0	0	59	44	175
	DELIVERED TO MEXICO IN	0	0	0	0	0	0	0	0	0	0	0	0	0
	SATISFACTION OF TREATY	4	8	0	0	11	12	9	9	0	0	19	23	95
	DIVERTED BY OTHERS	3	4	0	0	4	3	2	3	0	0	40	21	80
	DELIVERED TO STORAGE 2/ DELIVERED TO MEXICO IN EXCESS OF TREATY	0	0	0	0	0	0	0	0	0	0	0	0	0
ARIZONA TOTALS	ORDERED BUT NOT DIVERTED	9306	10995	9553	15079	15375	17119	9933	10942	18724	20341	15966	12781	166114
	DELIVERED TO MEXICO IN	0	0	0	0	0	0	0	0	0	0	0	0	0
	SATISFACTION OF TREATY	3350	3241	2675	3881	5081	5648	5242	5111	2394	3212	2707	4866	47408
	DIVERTED BY OTHERS	5965	7754	6878	11198	10294	11471	4691	5831	16475	17150	13315	7947	118969
	DELIVERED TO STORAGE 2/ DELIVERED TO MEXICO IN EXCESS OF TREATY	0	0	0	0	0	0	0	0	0	0	0	0	0

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 1985
STATE OF CALIFORNIA

V (C)

(ACRE-FEET) SHEET 1 OF 2

WATER USER		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTALS
METROPOLITAN WATER DISTRICT DIVERSION AT LAKE HAVASU	ORDERED BUT NOT DIVERTED DELIVERED TO MEXICO IN SATISFACTION OF TREATY	0	5096	0	0	0	2968	3780	2820	5482	5066	2491	5319	33022
	DIVERTED BY OTHERS	0	0	0	0	0	0	0	0	0	0	0	0	0
	DELIVERED TO STORAGE 1/ DELIVERED TO MEXICO IN EXCESS OF TREATY	0	5096	0	0	0	2968	3780	2820	5482	5066	2491	5319	33022
		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 DIVERTED DELIVERED TO MEXICO IN SATISFACTION OF TREATY	1071	2323	2924	3640	1319	3011	6308	9213	5381	1246	2331	2077	40844
	DIVERTED BY OTHERS	409	424	367	559	397	793	1706	7716	1688	498	1037	175	15769
	DELIVERED TO STORAGE 1/ DELIVERED TO MEXICO IN EXCESS OF TREATY	662	1899	2557	3081	922	2218	4602	1497	3633	748	1294	1902	25075
		0	0	0	0	0	0	0	0	0	0	0	0	0
YUMA PROJECT RESV. DIVISION BARD UNIT DIVERSION AT IMPERIAL DAM	ORDERED BUT NOT DIVERTED DELIVERED TO MEXICO IN SATISFACTION OF TREATY	679	940	830	650	1199	911	875	759	1936	370	1750	1610	12509
	DIVERTED BY OTHERS	437	721	432	440	769	615	784	595	928	238	495	998	7452
	DELIVERED TO STORAGE 1/ DELIVERED TO MEXICO IN EXCESS OF TREATY	242	219	398	209	430	296	91	164	1008	131	1255	612	5055
		0	0	0	0	0	0	0	0	0	0	0	0	0
YUMA PROJECT RESV. DIVISION INDIAN UNIT DIVERSION AT IMPERIAL DAM	ORDERED BUT NOT DIVERTED DELIVERED TO MEXICO IN SATISFACTION OF TREATY	513	756	584	362	543	460	638	506	1186	334	977	1082	7941
	DIVERTED BY OTHERS	330	580	304	246	348	311	571	399	568	216	277	670	4820
	DELIVERED TO STORAGE 1/ DELIVERED TO MEXICO IN EXCESS OF TREATY	183	176	280	117	195	149	67	109	618	119	700	412	3125
		0	0	0	0	0	0	0	0	0	0	0	0	0
IMPERIAL IRRIGATION DISTRICT DIVERSION AT IMPERIAL DAM	ORDERED BUT NOT DIVERTED DELIVERED TO MEXICO IN SATISFACTION OF TREATY	60	3078	2731	2099	2216	5409	843	1496	16737	7057	11159	6528	59413
	DIVERTED BY OTHERS	14	936	1004	1373	649	1071	313	498	488	541	609	2295	9791
	DELIVERED TO STORAGE 1/ DELIVERED TO MEXICO IN EXCESS OF TREATY	46	2142	1727	726	1567	4338	530	998	16249	6516	10550	4233	49622
		0	0	0	0	0	0	0	0	0	0	0	0	0

RELEASE OF MAINSTREAM WATER PURSUANT TO ORDERS
BUT NOT DIVERTED BY PARTY ORDERING SAME
AND
QUANTITY OF SUCH WATER DELIVERED TO MEXICO IN SATISFACTION OF MEXICAN TREATY OR DIVERTED BY OTHERS
CALENDAR YEAR 1985
STATE OF CALIFORNIA

V (C)

(ACRE-FEET) SHEET 2 OF 2

WATER USER		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTALS
COACHELLA VALLEY WATER DIST. DIVERSION AT IMPERIAL DAM	ORDERED BUT NOT DIVERTED DELIVERED TO MEXICO IN SATISFACTION OF TREATY	756	288	1408	123	466	1093	817	87	1099	623	1936	988	9684
	DIVERTED BY OTHERS	0	0	0	0	0	0	0	0	0	0	0	0	0
	DELIVERED TO STORAGE 1/ DELIVERED TO MEXICO IN EXCESS OF TREATY	545	79	813	103	200	778	752	61	357	504	383	760	5335
		211	209	595	20	266	315	65	26	742	119	1553	228	4349
CALIFORNIA TOTALS	ORDERED BUT NOT DIVERTED DELIVERED TO MEXICO IN SATISFACTION OF TREATY	3079	12481	8477	6874	5743	13852	13261	14881	31821	14696	20644	17604	163413
	DIVERTED BY OTHERS	0	0	0	0	0	0	0	0	0	0	0	0	0
	DELIVERED TO STORAGE 1/ DELIVERED TO MEXICO IN EXCESS OF TREATY	1735	2740	2920	2721	2363	3568	4126	9269	4029	1997	2801	4893	43167
		1344	9741	5557	4153	3380	10284	9135	5614	27792	12699	17843	12706	120248

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 1985

DELIVERIES TO MEXICO IN SATISFACTION OF PART III OF 1944 TREATY
 AND
 WATER PASSING TO MEXICO IN EXCESS OF TREATY REQUIREMENTS
 CALENDAR YEAR 1985

V (D)

(ACRE-FEET)

WATER USER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTALS
DELIVERIES TO MEXICO IN SATISFACTION OF TREATY 1/	55371	50013	99149	248962	145855	191228	246023	248707	105700	66297	66463	176232	1700000
PASSING TO MEXICO IN EXCESS OF TREATY REQUIREMENTS 2/ 3/	1339821	1282499	1039808	535687	720189	764169	730940	713020	899773	720311	682557	812228	10241002

1/ INCLUDES 200,000 ACRE-FEET DELIVERED PURSUANT TO MINUTE 242.

2/ INCLUDES 129,704 ACRE-FEET SCHEDULED UNDER PARAGRAPH (E), ARTICLE 15 OF THE 1944 TREATY WITH MEXICO.

3/ INCLUDES PAINTED ROCK DAM AND HOOVER DAM FLOOD CONTROL RELEASES.

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 1985

DIVERIONS OF WATER FROM MAINSTREAM OF GILA AND SAN FRANCISCO RIVERS
 AND
 CONSUMPTIVE USE OF SUCH WATER FOR BENEFIT OF THE GILA NATIONAL FOREST
 CALENDAR YEAR 1985

V (E)

(ACRE-FEET)

WATER USER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTALS
GILA RIVER													0
													0
SAN FRANCISCO RIVER													0
													0