

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

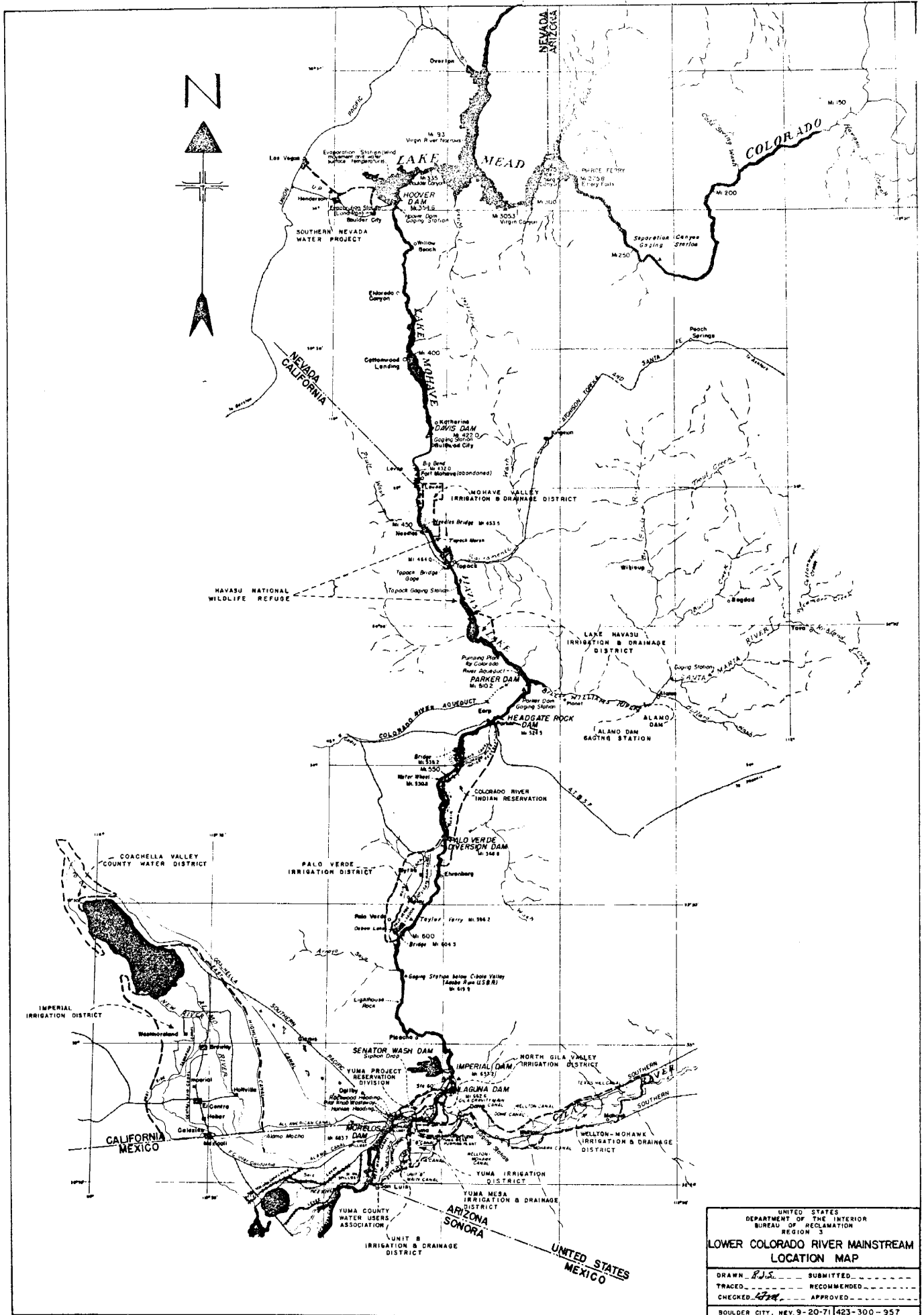
CALENDAR YEAR 1985

Division of Water and Land Operations
Boulder City, Nevada

July 1987

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UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION
REGION 3

**LOWER COLORADO RIVER MAINSTREAM
LOCATION MAP**

DRAWN *P.S.S.* SUBMITTED _____
 TRACED _____ RECOMMENDED _____
 CHECKED *W.S.* APPROVED _____

BOULDER CITY, NEV. 9-20-71 423-300-957

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	
MOOVER DAM	1752000	1582000	1402000	1330000	1436000	1665000	1735000	1684000	1286000	1034000	1096000	1212000	17269000
DAVIS DAM	1542000	1555000	1407000	1300000	1542000	1643000	1725000	1731000	1434000	1137000	1078000	1273000	17365000
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	1315000	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	718500	475600	267800	341800	542600	581700	583500	532700	269000	217000	389000	5868000
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

WATER USER	(ACRE-FEET)												DEC TOTALS 1/
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
FINAL RECORDS	SHEET 1 OF 5												
LAKE MEAD NATIONAL RECREATION AREA DIVERSION FROM LAKE MOHAVE	11	12	21	31	39	57	56	52	34	24	22	21	330
DIVERSION RETURN CONSUMPTIVE USE													
L. C. R. D. PROJECT (DAVIS DAM) DIVERSION AT DAVIS DAM	1	1	2	2	3	5	6	7	6	4	2	1	40
DIVERSION RETURN CONSUMPTIVE USE													
MOHAVE COUNTY PARKS DIVERSION AT DAVIS DAM	4	5	7	9	13	17	21	27	25	17	8	5	158
DIVERSION RETURN CONSUMPTIVE USE													
MOHAVE WATER CONSERVATION DISTRICT PUMPED FROM WELLS	14	9	12	13	16	17	18	16	15	15	13	10	168
DIVERSION RETURN CONSUMPTIVE USE													
MOHAVE VALLEY I. & D. DISTRICT PUMPED FROM WELLS AND DIVERTED FROM INLET CHANNEL TO HAVASU REFUGE	374	685	1284	2322	2871	2306	3197	2868	1787	1234	811	474	20213
DIVERSION RETURN CONSUMPTIVE USE													
FORT MOHAVE INDIAN RESERVATION 9 PUMPS AND WELLS IN FLOOD PLAIN	0	0	0	10920	8748	3557	10982	9503	934	1	0	0	44645
DIVERSION RETURN CONSUMPTIVE USE													
HAVASU NATIONAL WILDLIFE REFUGE INLET-NH NE NW SEC 33 T9N R22W G&SRM	0	0	0	0	0	0	0	0	0	0	0	0	0
DIVERSION RETURN CONSUMPTIVE USE													
LAKE HAVASU IRRIGATION AND DRAINAGE DISTRICT PUMPED FROM WELLS	520	437	670	819	928	1062	1203	1179	973	845	626	553	9815
DIVERSION RETURN CONSUMPTIVE USE													
CENTRAL ARIZONA PROJECT PUMPED FROM LAKE HAVASU	0	0	1303	1161	3805	1612	3936	12541	4916	2336	1110	782	33502
DIVERSION RETURN CONSUMPTIVE USE													

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

V (R)

FINAL RECORDS

(ACRE-FEET) SHEET 2 OF 5

WATER USER	1985												DEC TOTALS 1/	
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		
CONSOLIDATED WATER UTILITIES LTD. PUMPED FROM RIVER	18	17	20	26	34	33	37	37	37	27	23	20	19	311
DIVERSION RETURN CONSUMPTIVE USE														
TOWN OF PARKER 1 WELL-NH NH NN SEC 7 19N R19W G&SRM	38	58	108	162	212	270	268	132	91	139	74	58	1610	
DIVERSION RETURN CONSUMPTIVE USE														
COLORADO RIVER INDIAN RESERVATION DIVERSION AT HEADGATE ROCK DAM PUMPED FROM 2 WELLS IN PARKER SH NE SE SEC 2 19N R21W G&SRM 4 PUMPS	3959	24403	58642	61792	67510	70234	79935	80536	47618	25228	22024	17492	559373	
DIVERSION RETURN CONSUMPTIVE USE	1	0	1	1	1	1	1	1	1	1	1	1	11	
NH SW NW SEC 14 14N R22W G&SRM	53	404	894	1634	1030	1786	1607	1442	1117	654	869	202	11692	
DIVERSION RETURN CONSUMPTIVE USE	15033	17164	23714	27781	27099	25980	26172	27802	25199	20768	19232	16820	272764	
Ehrenburg Improvement Assn. 1 Pump SW SEC 3 13N R22W G&SRM	-11020	7643	35823	35646	41442	46041	55371	54177	23537	5115	3662	875	298312	
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 14N R23W G&SRM	108	456	2660	1686	2397	3112	3270	2822	1427	243	334	255	18770	
DIVERSION RETURN CONSUMPTIVE USE														
CIBOLA NATIONAL WILDLIFE REFUGE 3 PUMPS	22	84	215	384	544	823	569	847	956	615	682	540	6281	
DIVERSION RETURN CONSUMPTIVE USE														
IMPERIAL NATIONAL WILDLIFE REFUGE 2 WELLS SEC 13 T5S R22W G&SRM	0	0	0	0	0	0	0	0	0	0	0	0	0	
DIVERSION RETURN CONSUMPTIVE USE														
YUMA PROVING GROUND DIVERSION AT IMPERIAL DAM	0	2	0	2	0	1	1	1	1	0	0	0	8	
DIVERSION RETURN CONSUMPTIVE USE														

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

V (B)

WATER USER	(ACRE-FEET) SHEET 3 OF 5												
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTALS 1/
WARREN ACT CONTRACTORS DIVERSION AT IMPERIAL DAM	268	163	646	585	496	343	302	535	367	255	222	255	4437
	DIVERSION RETURN CONSUMPTIVE USE												
MELLTON-MOHAWK I. & D. DISTRICT DIVERSION AT IMPERIAL DAM	13487	21914	33627	47775	40508	46453	50390	54544	37241	19737	17375	12640	395591
	10679	10358	11468	11617	11933	8912	8412	9201	8950	9723	9775	10019	121047
	2808	11556	22159	36158	28575	37541	41978	45343	28291	10014	7600	2621	274644
	CONSUMPTIVE USE												
CITY OF YUMA DIVERSION AT IMPERIAL DAM	987	1033	1303	1546	1692	1793	2060	2033	1498	1226	1119	1073	17363
	651	577	646	627	644	602	658	664	602	620	629	621	7541
	336	456	657	919	1048	1191	1402	1369	896	606	490	452	9822
	CONSUMPTIVE USE												
MARINE CORPS AIR STATION (YUMA) DIVERSION AT IMPERIAL DAM	62	69	119	196	282	287	338	329	220	121	69	42	2134
	DIVERSION RETURN CONSUMPTIVE USE												
SOUTHERN PACIFIC COMPANY DIVERSION AT IMPERIAL DAM	4	4	4	4	4	4	4	4	4	4	4	4	48
	DIVERSION RETURN CONSUMPTIVE USE												
COUNTY OF YUMA DIVERSION AT IMPERIAL DAM	1	1	1	1	1	1	1	1	1	1	1	1	12
	DIVERSION RETURN CONSUMPTIVE USE												
YUMA MECA FRUIT GROWERS ASSN. DIVERSION AT IMPERIAL DAM	1	1	1	1	1	1	1	1	1	1	1	1	12
	DIVERSION RETURN CONSUMPTIVE USE												
UNIVERSITY OF ARIZONA DIVERSION AT IMPERIAL DAM	50	52	66	18	81	46	75	98	81	48	40	0	655
	DIVERSION RETURN CONSUMPTIVE USE												

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

V (B)

WATER USER	(ACRE-FEET)												SHEET 4 OF 5	
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTALS	1/
YUMA UNION HIGH SCHOOL DIVERSION AT IMPERIAL DAM	4	8	16	24	39	56	22	33	27	13	14	5	261	
	DIVERSION RETURN CONSUMPTIVE USE													
GAMILLE ALEC JR. DIVERSION AT IMPERIAL DAM	0	0	0	1	1	1	1	1	1	1	0	0	7	
	DIVERSION RETURN CONSUMPTIVE USE													
DESERT LAMN MEMORIAL DIVERSION AT IMPERIAL DAM	3	4	4	4	10	11	14	2	0	0	0	1	53	
	DIVERSION RETURN CONSUMPTIVE USE													
NORTH GILA VALLEY IRRIGATION DISTRICT DIVERSION AT IMPERIAL DAM 7/	2729	3639	4680	6029	6024	4601	5330	3495	3449	5316	4335	3316	52944	
	DIVERSION RETURN CONSUMPTIVE USE													
YUMA IRRIGATION DISTRICT DIVERSION AT IMPERIAL DAM 7/ PUMPED FROM PRIVATE WELLS	2522	3522	5174	7012	6104	4453	5209	6066	6691	5325	4728	4030	60836	
	DIVERSION RETURN CONSUMPTIVE USE													
YUMA MESA I. & D. DISTRICT DIVERSION AT IMPERIAL DAM 7/	9669	10013	14138	24908	27332	30303	33069	30512	17189	12179	9959	9024	228295	
	DIVERSION RETURN CONSUMPTIVE USE													
PUMPED FROM SOUTH GILA WELLS 7/	5706	6181	6754	6234	5692	4674	5799	5174	3793	4243	7318	6779	68347	
	RETURN 4/													
UNIT "B" I. & D. DISTRICT DIVERSION AT IMPERIAL DAM 7/, 7E/	1546	1804	2085	3907	3683	3815	4561	4221	2818	2270	2029	1084	33823	
	DIVERSION RETURN CONSUMPTIVE USE													

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

V (B)

(ACRE-FEET) SHEET 5 OF 5

FINAL RECORDS

WATER USER	(ACRE-FEET)												DEC TOTALS 1/
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
YUMA COUNTY WATER USERS ASSOCIATION													
DIVERSION AT IMPERIAL DAM	14897	18923	27659	33925	25655	25945	30333	28431	20270	31271	18291	14375	289975
PUMPED FROM WELLS 7E/	965	746	820	438	559	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	1	123	1	3	178	183	223	166	5	3	309	202	1397
PUMPED FROM WELLS 7E/	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	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	1000	1474	2500	2951	5010	3409	4897	3774	3593	1888	1953	966	33415
DAVIS DAM TO INTERNATIONAL BOUNDARY													
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	566885
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
SURFACE RETURNS FROM SOUTH GILA VALLEY	7580
RETURN FLOW NORTH GILA VALLEY	1134
RETURN FLOW SOUTH GILA VALLEY WELLS	15072
RETURN FLOW YUMA MESA OUTLET DRAIN B/ ESTIMATED UNMEASURED GROUNDWATER RETURN FLOW D/ SUBTOTAL RETURN FLOW E/ CONSUMPTIVE USE (SEE NOTE ABOVE)	68347
	29251
	2051
	28533
	144488
	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 YCMA AREA, AND BY SOME OF THE SURFACE DRAINS IN THE YCHUA AREA. EFFORTS WILL BE MADE TO AT LEAST QUANTIFY THESE RETURN FLOWS WITHIN BROAD LIMITS BY RESPECTIVE WATER USER ENTITIES IN FUTURE YEARS.

DIVERIONS 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																
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTALS 1/				
WATER USER																		
RAYNER, JACK JR. 1 PUMP SW SE SW SEC 34 T4N R22W G&SRM		0	22	28	92	1224	216	1032	679	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, ADRIAN 1 PUMP SE SW NW SEC 21 T1N R23W G&SRM														3590				
BLM PERMITTEES														62				
SUBTOTALS-DAVIS DAM TO IMPERIAL DAM		9	52	60	154	1285	308	1121	750	745	235	141	4	4864				
DIVERSTION 3/		6	39	45	115	967	231	843	564	567	176	105	3	3662				
DIVERSTION 4/																		
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/			

DIVERIONS 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	SUPPLEMENTAL SHEETS												DEC TOTALS 1/
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
YOHLEMAN, R. 1 WELL NW 1/4 SW 1/4 SEC 17 T8S R22W G8SRM	0	4	0	0	0	69	0	144	78	0	90	76	720
AUZA, PETE 1 WELL SE 1/4 SW 1/4 SEC 18 T8S R22W G8SRM	0	0	0	0	0	0	0	0	0	0	0	0	481 2/
1 PUMP SE 1/4 NE SEC 24 T8S R23W G8SRM	0	0	0	0	0	0	0	0	0	0	0	0	1590
1 WELL & 1 SE 1/4 SE SEC 18 T8S R22W G8SRM	0	0	0	0	0	0	0	0	0	0	0	0	3180
UTT, JUDD T. 1 WELL NW 1/4 NE SEC 30 T8S R22W G8SRM	1	3	15	3	40	7	14	1	60	19	18	8	189 2/
1 WELL SE 1/4 SW SEC 19 T8S R22W G8SRM	66	77	43	44	64	36	64	78	55	34	34	54	649 2/
CAMERON BROS. 2 WELLS SE 1/4 SW SEC 24 T8S R22W G8SRM	0	0	0	0	0	0	0	12	3	3	0	0	18 2/
HARP, R. 1 WELL SE 1/4 NE SEC 13 T8S R23W G8SRM	0	0	0	0	0	0	0	0	0	0	0	0	1458
VUKASOVICH 1 WELL SE 1/4 SW SEC 24 T8S R22W G8SRM	22	17	47	24	59	11	55	57	59	55	25	15	450 2/
PEACH 1 WELL SW 1/4 SE SEC 22 T8S R23W G8SRM	0	40	22	51	39	32	24	37	96	30	35	17	423 2/

DIVERIONS 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	SUPPLEMENTAL SHEETS (ACRE- FEET) SHEET 3 OF 3												
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTALS 1/
ARIZONA PRODUCTS 1 WELL NE SE SW SEC 23 T18S R23W G&SRM	65	55	43	72	71	41	59	82	42	16	25	30	501 2/
POWER, BILL 1 PUMP SW SW NE SEC 30 T18S R22E SBM													1980
POWER, R. E. (P. POWER) 1 PUMP SW SW NE SEC 30 T18S R22E SBM													1920
HALL, ANSIL 1 PUMP NW SW NW SEC 36 T18S R21E SBM													480
YUCCA POWERPLANT 1 WELL NE NW SW SEC 36 T18S R21E SBM													509
ARIZONA SUBTOTALS IMPERIAL DAM TO INTERNATIONAL BOUNDARY	494	702	1216	1358	1392	1448	1479	1249	1158	750	866	487	12599
	480	682	1182	1328	1354	1408	1438	1215	1126	729	842	473	12257
ARIZONA TOTALS	989	1475	2503	2955	4998	3395	4881	3778	3596	1800	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 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	14714	45791	63101	61197	64569	79042	78297	67302	50843	34717	23348	2696	585617
PUMPED FROM 2 WELLS IN PARKER	1	1	1	1	1	1	1	0	0	0	0	0	7
SW NE SF SEC 2 T8N R21W G&SRH													
4 PUMPS													
NE SW NH SEC 14 T4N R22W G&SRM	215	268	263	0	1342	1342	1809	215	1010	959	855	671	8954
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	15271	24892	28500	27559	26296	30215	20277	24771	22248	26671	17560	9939	274299
PUMPED FROM WELLS 7E/	1125	888	964	932	928	871	893	887	908	1010	720	859	11144
RETURN	8595	8937	9202	9040	9463	9019	8840	8761	9170	10262	10225	9209	110733
CONSUMPTIVE USE	7601	16843	20362	19451	17761	22067	12330	16997	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	114991	119944	142999	167517	136513	122281	111716	68796	36081	-13918	1116116

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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/ 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 125,615 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 SHIFTS 1-4
- 6/ MONTHLY DISTRIBUTION NOT AVAILABLE. DISTRIBUTED ACCORDING TO MONTHLY DISTRIBUTION OF OTHER USERS IN THE 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.

 ANNUAL TOTALS (ACRE-FEET)

DIVERSION AT IMPERIAL DAM A/ PUMPED FROM WELLS	309625
SURFACE RETURNS FROM SOUTH GILA VALLEY	8787
RETURN FLOW NORTH GILA VALLEY	1512
RETURN FLOW SOUTH GILA VALLEY WELLS	14004
RETURN FLOW YUMA MESA OUTLET DRAIN B/ RETURN FLOW PROTECTIVE AND REGULATORY PUMPING UNIT C/ ESTIMATED UNMEASURED GROUNDWATER RETURN FLOW D/ SURFICIAL RETURN FLOW E/ CONSUMPTIVE USE (SEE NOTE ABOVE)	64889
	22388
	3017
	23237
	128247
	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 (YCUWA) 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 YCWA AREA, AND BY SOME OF THE SURFACE DRAINS IN THE YCWA AREA. EFFORTS WILL BE MADE TO AT LEAST QUANTIFY THESE RETURN FLOWS WITHIN BROAD LIMITS BY RESPECTIVE WATER USER ENTITIES IN FUTURE YEARS.

DIVERSIONS FROM MAINSTREAM-AVAILABLE RETURN FLOW
AND CONSUMPTIVE USE OF SUCH WATER
CALENDAR YEAR 1988
STATE OF CALIFORNIA

V (3)

FINAL RECORDS

SHEET 1 OF 2

WATER USER	ACRE-FEET												DEC. TOTALS 1/
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC.	
FORT MOHAVE INDIAN RESERVATION PUMPED FROM RIVER AND WELLS													0
DIVERSION 7/ RETURN													0
CONSUMPTIVE USE													16320
CITY OF NEEDLES 4 WELLS NW 1/4 SEC 29 T9N R23E S8M													
DIVERSION													207
RETURN													33
CONSUMPTIVE USE													174
SAH BERNARDINO COUNTY 1 WELL													
DIVERSION													1
RETURN													1
CONSUMPTIVE USE													18
METROPOLITAN WATER DISTRICT DIVERSION FROM LAKE HAVASU													
DIVERSION													83859
RETURN 5/ CONSUMPTIVE USE													83513
PARKER DAM AND GOVERNMENT CAMP DIVERSION AT PARKER DAM													
DIVERSION													4
RETURN													4
CONSUMPTIVE USE													185
COLORADO RIVER INDIAN RESERVATION PUMPED FROM 11 PUMPS AND WELLS 2 PUMPS-BIG RIVER													
DIVERSION 4/ RETURN													0
CONSUMPTIVE USE													26
PALO VERDE IRRIGATION DISTRICT DIVERSION FROM PALO VERDE DAM													
DIVERSION													26563
RETURN													30463
CONSUMPTIVE USE													-3900

DIVERIONS 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	(ACRE-FEET)												DEC TOTALS
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
YUMA PROJECT RES. DIV. INDIAN UNIT													
DIVERSION AT IMPERIAL DAM	1853	2429	3069	3364	2424	2033	3335	2985	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	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	175
CONSUMPTIVE USE	2506	2984	4243	6095	5323	4190	4672	4335	2811	3808	2572	2578	46117
RETURNS FROM YUMA PROJECT													
RESERVATION DIVISION RETURNS	2652	1549	3107	2978	1385	2585	2418	1622	2490	3216	2896	2724	29622
IMPERIAL IRRIGATION DISTRICT													
DIVERSION AT IMPERIAL DAM	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	114062	165987	258412	334378	302019	270479	289880	313498	224501	203284	144295	66042	2685637
COACHELLA VALLEY WATER DISTRICT													
DIVERSION AT IMPERIAL DAM	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	19435	27196	34841	37823	38000	40304	43330	32075	22571	13881	12231	337002
HUTCHESON, JOHN E.													
1 PUMP													1
SE SE SE SEC 27 T16S SBM													
CITY OF WINTERHAVEN													
1 HELL SE SE NE SEC 27 T16S R22E SBM	6	5	6	9	10	13	12	12	10	8	6	4	101
RETURN													
CONSUMPTIVE USE													
OTHER USERS PUMPING FROM COLORADO RIVER													
AND HELLS IN FLOOD PLAIN	899	610	1410	1748	2799	1811	2045	2434	2173	769	547	228	17473
DAVIS DAM TO INTERNATIONAL BOUNDARY													
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	489682	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/ RO 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 PHEATUPIIYTE 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 AVERAGE FURNISHED BY THE U. S. G. S. AND DISTRIBUTED ACCORDING TO MONTHLY DISTRIBUTION OF OTHER USERS IN THE IMMEDIATE AREA.

DIVERIONS 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															
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTALS 1/			
SOTO BROTHERS 1 WELL SK NE SE SEC 36 T11N R22E SBM																	900
KENNEDY, LARRY 1 WELL NW NE NW SEC 31 T11N R22E SBM																	249
1 WELL SE NW NE SEC 36 T11N R22E SBM																	720
MAJORS, GENE 1 WELL SE NE NW SEC 31 T11N R21E SBM																	720
BLM PERMITTEES																	206
SUBTOTALS-DAVIS DAM TO IMPERIAL DAM		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		57	53	102	94	50	57	64	115	98	29	19	0	738	2/		
1 WELL SE SE NW SEC 22 T16S R23E SBM		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																	1992
PEREZ, F. (GLADE) 1 WELL NE SE SW SEC 6 T8S R22W G&SRM		1	0	44	223	156	215	0	0	0	0	0	0	0	0	0	639

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

DIVERIONS 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	(ACRE-FEET) SHEET 3 OF 3												
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTALS 1/
EVANS, E. (R. HARP)													
1 WELL													
SE NE SEC 12 T8S R23W	3	3	3	3	188	67	57	315	41	3	3	6	692 2/
68SRM													
DIVERSION													
1 WELL													
DIVERSION													882
SW NE SEC 12 T8S R23W													
68SRM													
EASTERDAY, KENNETH													
1 WELL													
NW SE SW SEC 12 T8S R23W	68	36	46	67	180	116	164	185	151	53	30	10	1106 2/
GRSRM													
DIVERSION													
SMITH, F. (P. POWER)													
1 WELL													
NE SW SE SEC 11 T8S R23W	27	38	38	108	63	77	37	86	113	40	128	11	766 2/
GRSRM													
DIVERSION													
CALIFORNIA SUBTOTALS	667	434	1027	1233	1539	1220	1047	1496	1300	474	349	169	10955
IMPERIAL DAM TO INTERNATIONAL BOUNDARY	227	147	349	427	524	415	356	509	442	161	118	57	3732
DIVERSION 3/													
DIVERSION 4/													
CALIFORNIA TOTALS	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 WHICH MONTHLY DISTRIBUTION IS SHOWN.
4/ TOTAL OF ITEMS FOR WHICH MONTHLY DISTRIBUTION IS NOT SHOWN, DISTRIBUTED ACCORDING TO MONTHLY DISTRIBUTION OF OTHER USERS IN IMMEDIATE AREA.

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

(ACRE- FEET)

FINAL RECORDS

WATER USER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTALS 1/
RETURNS FROM YUMA PROJECT RESERVATION DIVISION RETURNS	2571	2297	2684	2503	1668	1775	1721	2148	1973	3033	1922	2075	26381
DIVERSION RETURN	297850	365425	507637	568034	551909	510470	504927	505417	473939	419367	315183	293056	5223274
CONSUMPTIVE USE	34899	39637	44769	44166	47084	45218	55498	51558	50173	48819	43091	42281	552193
	262951	325788	462868	523028	504825	461252	448429	453859	423766	370548	272002	160775	4671081

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

V (B)

WATER USER	FINAL RECORDS												TOTALS 1/	
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		
BOULDER CANYON PROJECT DIVERION AT HOOVER DAM	10	7	11	13	16	8	8	6	6	7	7	8	8	169
DIVERION RETURN CONSUMPTIVE USE														
ROBERT B. GRIFFITH WATER PROJECT DIVERION AT SADDLE ISLAND, LAKE MEAD	9095	8551	10535	13006	15095	16046	17077	16961	14378	12009	8970	9032	150755	
DIVERION RETURN CONSUMPTIVE USE														
LAKE MEAD NATIONAL RECREATION AREA DIVERION AT LAKE MEAD	56	53	73	82	99	93	104	96	90	74	57	46	923	
DIVERION RETURN CONSUMPTIVE USE														
BASIC MANAGEMENT INC. DIVERION AT SADDLE ISLAND, LAKE MEAD	893	804	927	945	908	1203	1163	1228	948	859	922	826	11526	
DIVERION RETURN CONSUMPTIVE USE														
NEVADA STATE DEPARTMENT OF FISH AND GAME DIVERION AT SADDLE ISLAND, LAKE MEAD	408	367	411	398	396	364	369	362	342	330	394	407	4608	
DIVERION RETURN CONSUMPTIVE USE	408	367	410	398	396	363	369	362	341	390	394	406	4604	
PACIFIC COAST BUILDING PRODUCTS INC. DIVERION AT GYPSUM WASH, LAKE MEAD	0	0	1	0	0	1	0	0	1	0	0	1	4	
DIVERION RETURN CONSUMPTIVE USE														
SOUTHERN CALIFORNIA EDISON COMPANY PUMPED FROM SEC 24 T32S R66E MDB&M	53	47	29	57	22	57	12	65	53	58	58	48	559	
DIVERION RETURN CONSUMPTIVE USE														
CLARK COUNTY PARKS & RECREATION DEPT. 1 PUMP SEC 1 T32S R66E MDB&M	1002	1223	1509	1211	817	169	3	4	0	56	8	253	6255	
DIVERION RETURN CONSUMPTIVE USE														
CLARK COUNTY PARKS & RECREATION DEPT. 1 PUMP SEC 1 T32S R66E MDB&M	1	0	1	1	1	1	2	2	1	1	1	0	12	
DIVERION RETURN CONSUMPTIVE USE														

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

FINAL RECORDS		(ACRE-FEET)												SHEET 2 OF 3	
WATER USER		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTALS	1/
816 BEND WATER DISTRICT 1 PUMP SEC 13 T32S R66E M08&M	DIVERSION RETURN CONSUMPTIVE USE	26	49	51	73	99	119	112	91	85	78	63	49	895	
WIEBKE, ETHEL F. 1 PUMP SEC 33 T32S R66E M08&M	DIVERSION 2/ RETURN CONSUMPTIVE USE													2	
PORTENIER, WARREN E. 1 PUMP SEC 33 T32S R66E M08&M	DIVERSION 2/ RETURN CONSUMPTIVE USE													42	
HELLES, JOHN C. 1 PUMP SEC 33 T32S R66E M08&M	DIVERSION 2/ RETURN CONSUMPTIVE USE													8	
KNIGHT, JOHN B. 1 PUMP SEC 33 T32S R66E M08&M	DIVERSION 2/ RETURN CONSUMPTIVE USE													5	
ROY SCOUTS OF AMERICA 1 PUMP SEC 5 T33S R66E M08&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

WATER USER	(ACRE- FEET)												TOTALS 1/
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
LAS VEGAS WASH RETURNS	5148	4704	5488	5570	6104	5530	6399	5910	6323	6156	6260	6026	69398
RETURN 4/													
NEVADA TOTALS	11544	11101	13547	15786	17455	18060	18850	18816	15903	13532	16380	10669	175711 3/
DIVERSION RETURN	5556	5071	5898	5968	6500	5893	6768	6272	6664	6546	6434	5432	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
AND
VIC)

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	(ACRE- FEET) SHEET 1 OF 3												TOTALS
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
COLO. RIVER INDIAN RESERVATION DIVERSION AT HEADGATE ROCK	1420	1244	1273	2403	3386	5759	435	0	438	2291	296	1218	23254
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	361	264	274	619	536	278	40	0	91	635	28	216	3282
DELIVERED TO STORAGE 2/ DELIVERED TO MEXICO IN EXCESS OF TREATY	1059	1040	999	1874	2850	8481	396	0	347	1656	263	1002	19972
YUMA PROVING GROUND U. S. ARMY DIVERSION AT IMPERIAL DAM 1/	0	0	0	0	0	0	0	0	0	0	0	0	0
ORDERED BUT NOT DIVERTED DELIVERED TO MEXICO IN SATISFACTION OF TREATY	0	0	0	0	0	0	0	0	0	0	0	0	0
DIVERTED BY OTHERS	0	0	0	0	0	0	0	0	0	0	0	0	0
DELIVERED TO STORAGE 2/ DELIVERED TO MEXICO IN EXCESS OF TREATY	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTH GILA VALLEY I. D. DIVERSION AT IMPERIAL DAM	551	653	700	587	426	581	867	793	623	151	460	714	7106
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	236	165	305	315	234	381	510	371	61	8	10	363	2959
DELIVERED TO STORAGE 2/ DELIVERED TO MEXICO IN EXCESS OF TREATY	315	488	395	272	192	200	357	422	562	143	450	351	4147
WARREN ACT CONTRACTORS GILA PROJECT DISTRICTS DIVERSION AT IMPERIAL DAM 1/	0	0	0	0	0	0	0	0	0	0	0	0	0
ORDERED BUT NOT DIVERTED DELIVERED TO MEXICO IN SATISFACTION OF TREATY	0	0	0	0	0	0	0	0	0	0	0	0	0
DIVERTED BY OTHERS	0	0	0	0	0	0	0	0	0	0	0	0	0
DELIVERED TO STORAGE 2/ DELIVERED TO MEXICO IN EXCESS OF TREATY	0	0	0	0	0	0	0	0	0	0	0	0	0
HELLTON-MOHAWK I. & D. DISTRICT DIVERSION AT IMPERIAL DAM	2735	3759	4657	8846	6421	3140	4493	6472	9398	7944	4330	2951	65136
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	803	420	847	2031	1561	1525	1857	2156	1208	924	238	551	14221
DELIVERED TO STORAGE 2/ DELIVERED TO MEXICO IN EXCESS OF TREATY	1932	3339	3810	6815	4860	1615	2636	4316	8180	7020	4092	2300	56315

RELEASE OF MAINSTREAM WATER PURSUANT TO ORDERS
BUT NOT DIVERTED BY PARTY ORDERING SAME

Y (C)

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

(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	1343	809	714	732	853	1053	990	538	881	1452	1841	948	12154
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	613	290	303	248	339	768	651	428	53	301	175	509	4743
DELIVERED TO STORAGE 2/ DELIVERED TO MEXICO IN EXCESS OF TREATY	730	519	411	484	514	285	339	110	823	1151	1656	379	7411
YUMA MESA I. & D. DISTRICT DIVERSION AT IMPERIAL DAM	1565	1388	674	1549	1067	274	815	331	5147	6101	3883	2878	25772
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	409	234	141	127	264	119	419	204	589	520	702	995	4023
DELIVERED TO STORAGE 2/ DELIVERED TO MEXICO IN EXCESS OF TREATY	1156	1154	533	1422	803	155	356	127	4558	5581	3281	1983	21140
UNIT "B" I. & D. DISTRICT DIVERSION AT IMPERIAL DAM	508	684	323	303	282	240	424	442	958	718	522	125	5529
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	147	214	135	61	48	163	260	224	93	81	52	75	1553
DELIVERED TO STORAGE 2/ DELIVERED TO MEXICO IN EXCESS OF TREATY	361	470	188	242	234	77	164	218	865	637	470	50	3976
CITY OF YUMA DIVERSION AT IMPERIAL DAM	27	0	0	0	0	0	0	0	164	37	82	68	378
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	27	0	0	0	0	0	0	0	164	37	82	68	378
DELIVERED TO STORAGE 2/ DELIVERED TO MEXICO IN EXCESS OF TREATY	9	0	0	0	0	0	0	0	145	21	56	32	263
YUMA COUNTY WATER USERS ASSN. DIVERSION AT IMPERIAL DAM	1150	2446	1212	509	2825	3057	1897	2354	1125	1647	4393	3835	26610
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	750	1706	670	480	2088	2402	1496	1719	130	706	1401	2006	15554
DELIVERED TO STORAGE 2/ DELIVERED TO MEXICO IN EXCESS OF TREATY	400	740	542	89	837	655	401	635	995	941	2892	1829	11056

VIC:
 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

(ACRE-FEET) SHEET 3 OF 3

WATER USER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTALS
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/	0	0	0	0	0	0	0	0	0	0	0	0	0
DELIVERED TO MEXICO IN													
EXCESS OF TREATY													
ARIZONA TOTALS	9306	10995	9553	15079	15375	17119	9933	10942	18724	20341	15966	12781	165114
ORDERED BUT NOT DIVERTED	0	0	0	0	0	0	0	0	0	0	0	0	0
DELIVERED TO MEXICO IN	3350	3241	2675	3881	5081	5648	5242	5111	2394	3212	2707	4866	47408
SATISFACTION OF TREATY	5965	7754	6878	11158	10294	11471	4691	5831	16175	17150	13315	7947	118959
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													

1/ NO ORDER RECEIVED.
 2/ AVAILABLE FOR FUTURE USE.

RELEASE OF MAINSTREAM WATER PURSUANT TO ORDERS
BUT NOT DIVERTED BY PARTY ORDERING SAME
AND
V(C)

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

WATER USER	(ACRE-FEET) SHEET 1 OF 2												DEC	TOTALS	
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC			
METROPOLITAN WATER DISTRICT DIVERSION AT LAKE HAVASU	0	5096	0	0	0	2968	3780	2820	5482	5066	2491	5315	33022	0	0
ORDERED BUT NOT DIVERTED DELIVERED TO MEXICO IN SATISFACTION OF TREATY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIVERTED BY OTHERS	0	0	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	5315	33022	0	0
PALO VERDE IRRIGATION DISTRICT DIVERSION AT PALO VERDE DAM	1071	2323	2924	3640	1319	3011	6308	9213	5381	1246	2331	2077	40644	0	0
ORDERED BUT NOT DIVERTED DELIVERED TO MEXICO IN SATISFACTION OF TREATY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIVERTED BY OTHERS	409	424	367	559	397	793	1706	7716	1688	498	1037	175	15755	0	0
DELIVERED TO STORAGE 1/ DELIVERED TO MEXICO IN EXCESS OF TREATY	662	1899	2557	3081	922	2218	4602	1497	3693	748	1294	1502	25075	0	0
YUMA PROJECT RESV. DIVISION BARO UNIT DIVERSION AT IMPERIAL DAM	679	940	830	650	1199	911	875	759	1936	370	1750	1610	12502	0	0
ORDERED BUT NOT DIVERTED DELIVERED TO MEXICO IN SATISFACTION OF TREATY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIVERTED BY OTHERS	437	721	432	440	769	615	784	595	928	238	495	998	7452	0	0
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
YUMA PROJECT RESV. DIVISION INDIAN UNIT DIVERSION AT IMPERIAL DAM	513	756	584	362	543	460	638	566	1186	334	977	1082	7941	0	0
ORDERED BUT NOT DIVERTED DELIVERED TO MEXICO IN SATISFACTION OF TREATY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIVERTED BY OTHERS	330	580	304	246	348	311	571	399	568	216	277	670	4870	0	0
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
IMPERIAL IRRIGATION DISTRICT DIVERSION AT IMPERIAL DAM	60	3078	2731	2099	2216	5409	843	1406	16737	7057	11159	6528	59413	0	0
ORDERED BUT NOT DIVERTED DELIVERED TO MEXICO IN SATISFACTION OF TREATY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIVERTED BY OTHERS	14	936	1004	1373	649	1071	313	468	488	541	609	2295	9791	0	0
DELIVERED TO STORAGE 1/ DELIVERED TO MEXICO IN EXCESS OF TREATY	46	2142	1727	726	1567	4338	530	998	16249	6516	10550	4233	49522	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

(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	756	288	1408	123	466	1093	817	87	1099	623	1936	988	9684
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	545	79	813	103	200	778	752	61	357	504	383	760	5335
DELIVERED TO STORAGE 1/ DELIVERED TO MEXICO IN EXCESS OF TREATY	211	209	595	20	266	315	65	26	742	110	1553	228	4349
	0	0	0	0	0	0	0	0	0	0	0	0	0
CALIFORNIA TOTALS	3079	12481	8477	6874	5743	13852	13261	14881	31821	14696	20544	17504	163613
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	1735	2740	2920	2721	2363	3568	4126	4269	4029	1997	2801	4893	43167
DELIVERED TO STORAGE 1/ DELIVERED TO MEXICO IN EXCESS OF TREATY	1344	9741	5557	4153	3380	10284	9135	5614	27792	12699	17843	12706	120248
	0	0	0	0	0	0	0	0	0	0	0	0	0

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

WATER USER	(ACRE-FEET)												
	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

DIVERSIONS 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

(ACRE-FEET)

7 (E)

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