

UNITED STATES
DEPARTMENT OF THE INTERIOR
Thomas Kleppe, Secretary

BUREAU OF RECLAMATION
Gilbert G. Stamm, Commissioner

LOWER COLORADO REGION
Manuel Lopez, Jr., 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

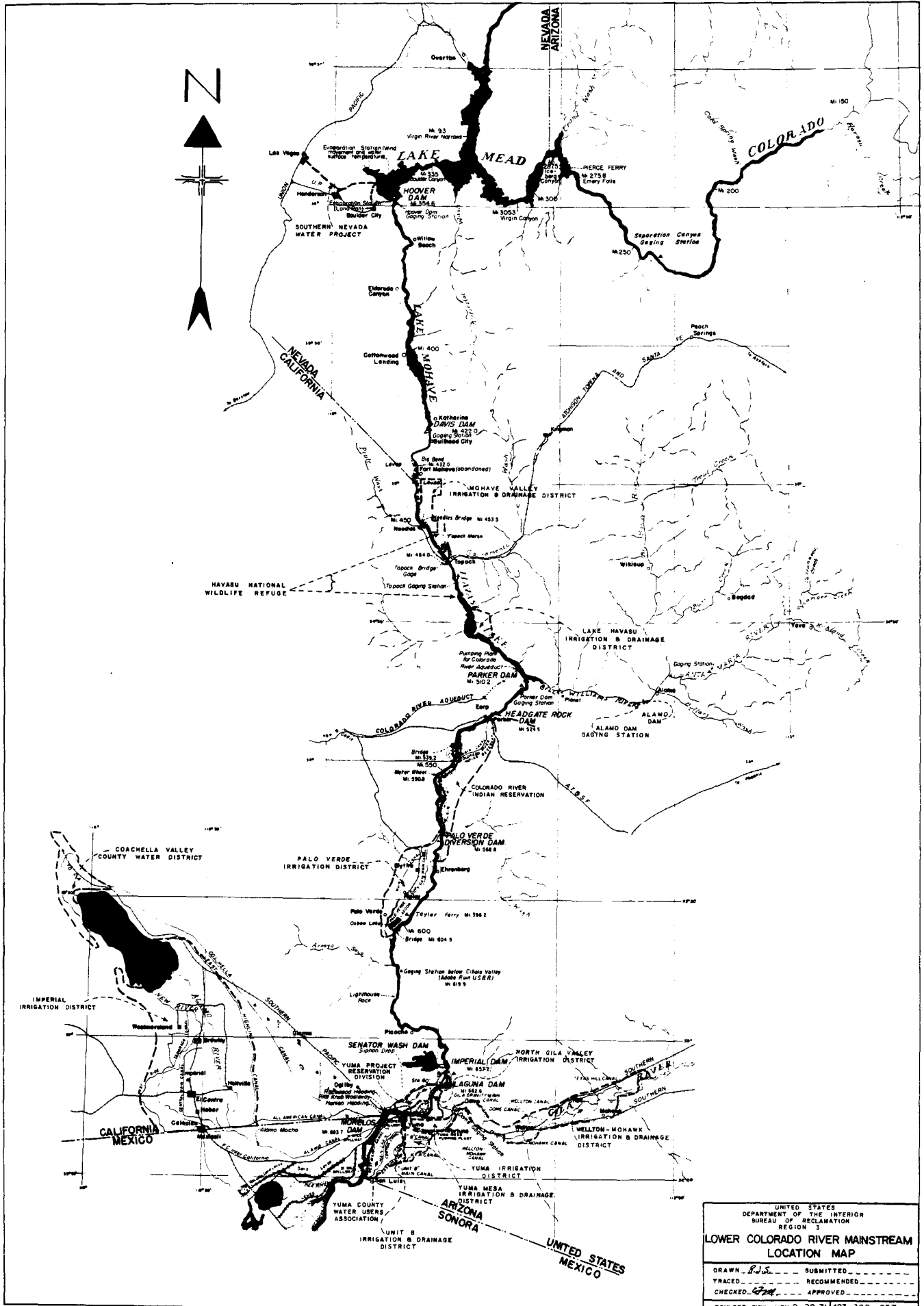
CALENDAR YEAR 1975

Division of Water and Land Operations
Boulder City, Nevada

October 10, 1976

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UNITED STATES
 DEPARTMENT OF THE INTERIOR
 BUREAU OF RECLAMATION
 REGION 3

**LOWER COLORADO RIVER MAINSTREAM
 LOCATION MAP**

DRAWN *R.J.S.* SUBMITTED _____
 TRACED _____ RECOMMENDED _____
 CHECKED *CFM* 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

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CALENDAR YEAR 1975

The following tabulations for calendar year 1975 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 Geological Survey based on measurements at or below the structures. Ocean Research Equipment, Inc., was selected as the successful bidder to replace the present flowmeters at Hoover Dam with acoustic flowmeters. Installation is complete and the units are presently being tested and evaluated.

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 "Diversion for Colorado River Indian Reservation, near Parker, Arizona." The diversions are made at Headgate Rock Dam.

RELEASE OF WATER THROUGH REGULATORY STRUCTURES
 CONTROLLED BY THE UNITED STATES

(A)

CALENDAR YEAR 1975

Final Records
 (ACRE - FEET)

STRUCTURE	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTALS
Hoover Dam	515,300	617,300	749,200	671,400	966,500	607,100	630,200	604,600	667,700	549,000	485,800	500,900	6,367,000
Davis Dam	445,900	525,600	799,500	927,000	662,600	779,700	921,100	667,200	727,400	531,400	392,100	420,300	6,240,000
Parker Dam	362,600	447,300	690,000	735,400	769,600	693,600	625,300	602,500	650,500	476,500	336,600	359,500	7,210,000
Headgate Rock Dam ^{1/}	349,200	404,000	631,100	726,100	695,200	620,900	750,200	729,900	595,500	434,200	306,900	327,000	6,574,000
Palo Verde Dam ^{2/}	315,700	350,200	536,000	607,100	576,000	521,700	620,300	604,600	511,300	361,700	275,700	295,500	5,596,000
Imperial Dam ^{3/}	47,620	32,620	21,360	36,460	41,030	29,300	24,010	23,770	26,870	24,500	16,070	13,900	341,700
Laguna Dam	47,140	33,690	22,030	37,100	43,360	29,200	23,630	24,590	30,170	26,270	17,190	17,120	351,500

^{1/} Colorado River below Parker Dam less diversions at Headgate Rock Dam.

^{2/} Measured through river gates at Palo Verde Dam.

^{3/} Includes diversions to Mitty 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

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CALENDAR YEAR 1975

The following tabulations for calendar year 1975 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 Geological Survey, International Boundary and Water Commission, Bureau of Indian Affairs, Bureau of 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 underground, 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 1975 was made by two basic methods: (1) For most electric pumps, diversion was computed on a monthly basis from power records and a "kWh per acre-foot factor" that was determined by discharge measurements; (2) For pumps other than electric, a 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 which were taken during September 1973.

There are undetermined amounts of unmeasured return flow reaching the Colorado River by means of underground flow from aquifers underlying water use areas. A Task Force on Ground-Water Return Flows to the Lower Colorado River, consisting of State and Federal members, was organized during 1970 to provide advice and guidance to the Bureau of Reclamation and the Geological Survey which are jointly conducting a program to determine the location and amounts of such unmeasured return flows. When quantities are determined, it is anticipated that such amounts will be credited to the affected users and States in making the consumptive use computations.

DIVERSIONS FROM MAINSTREAM — AVAILABLE RETURN FLOW
AND CONSUMPTIVE USE OF SUCH WATER
CALENDAR YEAR 1975

V(B)
Sheet 3 of 3
Final Records

STATE OF Arizona

(ACRE - FEET)

WATER USER		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTALS
Yuma Mesa Irrigation and Drainage District Diversion at Imperial Dam	Diversion	9,912	10,314	13,568	17,135	22,762	27,940	31,138	30,469	22,504	16,749	12,847	11,327	226,665 5/
	Return													
	Consumptive Use													
Unit "B" Irrigation and Drainage District Diversion at Imperial Dam	Diversion	1,802	1,675	1,895	2,774	3,749	4,430	5,138	5,028	4,054	3,031	2,030	1,830	37,436 6/
	Return													
	Consumptive Use													
Returns from South Gila Valley	Returns 4/	2,039	2,708	6,555	6,552	4,843	4,748	6,720	7,115	4,336	2,644	2,399	4,497	55,156
City of Yuma Diversion at Imperial Dam	Diversion	742	725	858	863	1,148	1,548	1,669	1,683	1,305	1,077	909	749	13,276
	Return	494	453	476	440	500	528	590	568	561	512	516	494	6,132
	Consumptive Use	248	272	382	423	648	1,020	1,079	1,115	744	565	393	255	7,144
Yuma County Water Users' Association Diversion at Imperial Dam	Diversion	18,688	22,191	27,991	32,812	35,227	29,701	40,522	35,616	36,184	24,664	13,877	15,956	333,429 7/
Pumped from wells	Diversion	634	463	483	561	746	649	802	717	733	828	637	602	7,855
	Return	8,281	7,601	9,161	8,666	9,888	9,104	9,254	9,535	9,764	9,831	9,026	8,572	108,683
	Consumptive Use	11,041	15,053	19,313	24,707	26,085	21,246	32,070	26,798	27,153	15,661	5,488	7,986	232,601
Cocopah Indian Reservation Diversion at Imperial Dam	Diversion	0	0	44	197	50	86	193	122	62	74	8	2	838
Pumped from wells	Diversion	0	0	1	4	1	2	4	3	1	3	0	0	19
	Return													
	Consumptive Use													
Yuma Mesa Outlet Drain	Return 8/	5,100	4,670	5,090	4,060	4,930	4,830	4,900	4,750	4,500	4,540	4,430	4,480	56,280
Other Users Pumping from Colorado River and wells in flood plain. Davis Dam to International Boundary	Diversion 9/ Return	10,751	6,117	10,571	8,333	11,144	10,462	11,704	10,546	10,778	6,490	5,540	3,966	106,402
	Consumptive Use													
Arizona Totals	Diversion	90,991	128,638	175,463	209,127	231,996	223,392	251,879	248,007	212,117	152,902	105,624	98,077	2,128,213
	Return	50,448	52,695	68,004	62,673	71,053	68,876	70,891	72,291	72,032	64,003	58,833	58,411	770,210
	Consumptive Use	40,543	75,943	107,459	146,454	160,943	154,516	180,988	175,716	140,085	88,899	46,791	39,666	1,358,003

NOTE: The Term "Consumptive Use" in this tabulation means measured diversion less measured to the river.

- 1/ No surface returns.
- 2/ Calculated from monthly power records.
- 3/ Includes 214,729 acre-feet delivered to Mexico in excess of minimum treaty requirements pursuant to provisions of Minute No. 242.
- 4/ Pumped from underground and unassigned to districts as returns include quantities of drainage from Yuma Mesa as well as from South Gila Valley.
- 5/ Includes deliveries to the following water users who have contracts with the United States.

<u>Contractor</u>	<u>Point of Delivery</u>	<u>Annual Delivery</u> (acre-feet)
City of Yuma	B3.7 Lateral	20
Desert Lawn Memorial	B3.7 Lateral	157
Southern Pacific Company	B3.7 Lateral	12
Southern Pacific Company	After bay of Yuma Mesa Pumping Plant	48
Yuma Mesa Fruit Growers Association	B3.7 W. Lateral	10
County of Yuma, Arizona	B3.8 Lateral	12
Marine Corps Air Station, Department of the Navy	B Canal and B -5.5 W. Lateral	<u>1,994</u>
Total		2,323

6/ Includes deliveries to the following users who have contracts with the United States:

University of Arizona	B Main Canal	793
Camille Alec, Jr.	B-8 Lateral	100

7/ Includes deliveries to the following water users who have contracts with the United States:

Yuma Union High School District	Yuma Main Canal	246
City of Yuma - Smucker Park	Yuma Main Canal	125

8/ Returns include unknown quantities of drainage returns from Yuma Mesa Irrigation and Drainage District as well as from Yuma County Water Users' Association and Cocopah Indian Reservation.

9/ Details on Arizona Supplemental Sheets.

DIVERSIONS FROM MAINSTREAM — AVAILABLE RETURN FLOW
AND CONSUMPTIVE USE OF SUCH WATER
CALENDAR YEAR 1975
STATE OF Arizona

V(B)
Sheet 1 of 5

(ACRE - FEET)

M228
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WATER USER		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTALS
Foster, J. 1 well NW ¹ / ₄ SE ¹ / ₄ , Sec. 29, T. 20 N., R. 22 W., G&SRM	Diversion	6	6	6	10	17	27	27	28	23	20	6	7	183 3/4
Clayton, Ralph 2 pumps SW ¹ / ₄ SE ¹ / ₄ , Sec. 34, T. 4 N., R. 22 W., G&SRM	Diversion	24	0	29	9	0	40	60	80	197	191	6	0	636 3/4
Clayton, Ralph 1 well SW ¹ / ₄ SE ¹ / ₄ , Sec. 34, T. 4 N., R. 22 W., G&SRM	Diversion	0	52	681	49	62	131	771	579	769	507	32	13	3,646 3/4
Arkelian Farms 2 pumps SE ¹ / ₄ NW ¹ / ₄ , Sec. 16, T. 3 N., R. 22 W., G&SRM	Diversion	3,053	73	460	184	245	420	368	193	491	615	197	129	6,428 3/4
Sprall, Wayne 1 pump SE ¹ / ₄ SW ¹ / ₄ , Sec. 21, T. 1 N., R. 23 W., G&SRM	Diversion													3,192
Cibola Valley Irrigation and Drainage District 3 pumps SE ¹ / ₄ SE ¹ / ₄ , Sec. 20, T. 1 N., R. 23 W., G&SRM	Diversion	2,203	1,538	3,188	1,930	1,660	2,109	2,458	1,735	2,218	1,050	1,471	829	22,389 3/4
Swan, Ron 1 pump SW ¹ / ₄ NW ¹ / ₄ , Sec. 2, T. 1 S., R. 24 W., G&SRM	Diversion													5,322
Bishop, Louis 1 pump NW ¹ / ₄ SW ¹ / ₄ , Sec. 31, T. 1 S., R. 23 W.,	Diversion													2,400
Martinez, Sam 2 pumps NW ¹ / ₄ NW ¹ / ₄ , Sec. 1 T. 2 S., R. 24 W., G&SRM	Diversion													3,000
BIM Permittees Davis Dam to Imperial Dam	Diversion													45
Subtotals-Davis Dam to Imperial Dam	Diversion 4/ Diversion 3/	5,286 2,217	1,669 700	4,364 1,831	2,182 915	1,984 832	2,727 1,144	3,684 1,545	2,615 1,097	3,698 1,551	2,383 999	1,712 718	978 410	33,282 13,959

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DIVERSIONS FROM MAINSTREAM — AVAILABLE RETURN FLOW
AND CONSUMPTIVE USE OF SUCH WATER
CALENDAR YEAR 1975
STATE OF Arizona

V(8)
Sheet 2 of 5

(ACRE - FEET)

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WATER USER	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTALS <u>1/</u>
Pratt, Loren 1 well SW $\frac{1}{4}$ SW $\frac{1}{4}$ NE $\frac{1}{4}$, Sec. 14, T. 7 S., R. 22 W., G&SRM													450
Mellon Farms, Inc. 1 pump SE $\frac{1}{4}$ SW $\frac{1}{4}$ NW $\frac{1}{4}$, Sec. 14, T. 7 S., R. 22 W., G&SRM	13	0	0	0	0	2	3	38	41	13	0	0	110 <u>3/</u>
Harp, Robert 1 well SE $\frac{1}{4}$ NE $\frac{1}{4}$ NE $\frac{1}{4}$, Sec. 13, T. 8 S., R. 23 W., G&SRM													1,458
Harp, Earl 1 well SE $\frac{1}{4}$ NE $\frac{1}{4}$ NE $\frac{1}{4}$, Sec. 15, T. 8 S., R. 23 W., G&SRM	1	2	1	2	2	3	2	3	2	2	2	1	23 <u>3/</u>
Dulin, Arlin 1 well SW $\frac{1}{4}$ NE $\frac{1}{4}$ SE $\frac{1}{4}$, Sec. 8, T. 8 S., R. 22 W., G&SRM	113	130	243	153	196	198	164	243	270	109	50	91	1,960 <u>3/</u>
Sturges, Steve 9 wells Sec. 18, T. 8 S., R. 21 W., and Sec. 13 and 14, R. 22 W., G&SRM	1,187	1,034	1,205	1,829	2,735	2,292	2,575	2,170	2,003	1,150	868	577	19,625 <u>3/</u>
Crowe, James 1 well SE $\frac{1}{4}$ SW $\frac{1}{4}$ SE $\frac{1}{4}$, Sec. 7, T. 8 S., R. 22 W., G&SRM	0	0	52	94	0	86	88	125	8	9	0	2	464 <u>3/</u>
Dulin, Arlin 1 well NW $\frac{1}{4}$ SW $\frac{1}{4}$ SW $\frac{1}{4}$, Sec. 17, T. 8 S., R. 22 W., G&SRM													720
Auza, Pete 1 well SE $\frac{1}{4}$ NW $\frac{1}{4}$ SW $\frac{1}{4}$, Sec. 18, T. 8 S., R. 22 W., G&SRM	198	152	183	0	534	56	3	87	0	87	218	124	1,642 <u>3/</u>
Auza, Pete 2 wells SE $\frac{1}{4}$ SE $\frac{1}{4}$ SE $\frac{1}{4}$, Sec. 18, T. 8 S., R. 22 W., G&SRM Lot 20 Sec. 31, T. 16 S., R. 23 E., SEM													3,038
1 pump SE $\frac{1}{4}$ SE $\frac{1}{4}$ NE $\frac{1}{4}$, Sec. 24, T. 8 S., R. 22 W., G&SRM													
Cameron Bros. 1 well SE $\frac{1}{4}$ NE $\frac{1}{4}$ SW $\frac{1}{4}$, Sec. 24, T. 8 S., R. 22 W., G&SRM	100	172	210	264	217	170	235	210	261	59	23	61	1,982 <u>3/</u>
Vukasovich 1 well NW $\frac{1}{4}$ SE $\frac{1}{4}$ SW $\frac{1}{4}$, Sec. 24, T. 8 S., R. 23 W., G&SRM	0	0	0	0	0	0	27	0	3	0	0	0	30 <u>3/</u>

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DIVERSIONS FROM MAINSTREAM — AVAILABLE RETURN FLOW
AND CONSUMPTIVE USE OF SUCH WATER
CALENDAR YEAR 1975
STATE OF Arizona

V(B)
Sheet 3 of 5

(ACRE - FEET)

WATER USER		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTALS <u>1/</u>
Harp, Earl 1 well SE ¹ / ₄ NE ¹ / ₄ NE ¹ / ₄ , Sec. 13, T. 8 S., R. 23 W., G&SRM	Diversion													1,458
Bingham Cattle Co. 1 well SE ¹ / ₄ SW ¹ / ₄ SW ¹ / ₄ , Sec. 19, T. 8 S., R. 23 W., G&SRM	Diversion	161	170	135	191	208	266	248	237	208	91	126	163	2,204 <u>3/</u>
Bingham Cattle Co. 1 well SW ¹ / ₄ SW ¹ / ₄ SE ¹ / ₄ , Sec. 24, T. 8 S., R. 23 W., G&SRM	Diversion	38	30	62	45	90	136	108	118	74	9	23	54	787 <u>3/</u>
Bingham Cattle Co. 1 well NE ¹ / ₄ SE ¹ / ₄ SW ¹ / ₄ , Sec. 23, T. 8 S., R. 23 W., G&SRM	Diversion	22	9	21	37	35	0	0	0	0	2	3	3	132 <u>3/</u>
Bruce Church Company 1 well SW ¹ / ₄ SE ¹ / ₄ SE ¹ / ₄ , Sec. 22, T. 8 S., R. 23 W., G&SRM	Diversion													480
Power, Pete 1 well NW ¹ / ₄ NW ¹ / ₄ NW ¹ / ₄ , Sec. 31, T. 16 S., R. 23 E., G&SRM	Diversion													744
Consaul, Lee 1 well NE ¹ / ₄ NW ¹ / ₄ NW ¹ / ₄ , Sec. 31, T. 9 S., R. 24 W., G&SRM	Diversion	219	301	227	234	525	531	442	595	485	233	471	291	4,554 <u>3/</u>
Consaul, Lee 1 well NE ¹ / ₄ NE ¹ / ₄ NE ¹ / ₄ , Sec. 36, T. 9 S., R. 25 W., G&SRM	Diversion	85	143	117	101	241	245	199	262	225	101	200	123	2,042 <u>3/</u>
Brand, Wayne 1 well NE ¹ / ₄ NW ¹ / ₄ NE ¹ / ₄ , Sec. 35	Diversion													858
Sibley, Phil 1 well NE ¹ / ₄ NW ¹ / ₄ NW ¹ / ₄ , Sec. 1, T. 10 S., R. 25 W., G&SRM	Diversion	135	286	376	401	586	315	283	234	170	128	205	204	3,323 <u>3/</u>
Sibley, Phil 1 well NE ¹ / ₄ SE ¹ / ₄ SW ¹ / ₄ , Sec. 2, T. 11 S., R. 25 W., G&SRM	Diversion													1,086
Sibley, Phil 1 well NW ¹ / ₄ SE ¹ / ₄ SW ¹ / ₄ , Sec. 14, T. 10 S., R. 25 W., G&SRM	Diversion	0	93	65	168	175	80	0	75	65	0	0	0	721 <u>3/</u>
Cummings, C. and J. 1 well NW ¹ / ₄ NE ¹ / ₄ NW ¹ / ₄ , Sec. 26, T. 10 S., R. 25 W., G&SRM	Diversion													1,320

DIVERSIONS FROM MAINSTREAM — AVAILABLE RETURN FLOW
AND CONSUMPTIVE USE OF SUCH WATER
CALENDAR YEAR 1975

V(B)
Sheet 4 of 5

STATE OF Arizona

(ACRE - FEET)

WATER USER	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTALS
Barkley, J. 1 well NE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 35, T. 10 S., R. 25 W., G&SRM													360
Brown, Willis A. 1 well NE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 2, T. 11 S., R. 25 W., G&SRM	0	36	93	82	96	51	98	1	0	15	0	0	473 $\frac{3}{4}$
Hughes, Earl 1 well SW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 3, T. 11 S., R. 25 W., G&SRM	18	106	136	142	97	194	191	313	207	151	100	70	1,725 $\frac{3}{4}$
Munnaley, Slade 1 well NE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 28, T. 16 S., R. 22 E., SEM	1	0	6	12	31	38	22	48	32	40	2	1	233 $\frac{3}{4}$
Curtis, Armon 1 pump SW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 29, T. 16 S., R. 22 E., SEM	37	22	6	48	21	0	0	42	13	0	0	0	189 $\frac{3}{4}$
Power, Bill 1 pump SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 30, T. 16 S., R. 22 E., SEM													1,200
Hall, Ansill 1 pump NW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 36, T. 16 S., R. 21 E., SEM													480
Yucca Power Plant 2 wells NE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 36, T. 16 S., R. 21 E., SEM NE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 36, T. 16 S., R. 21 E., SEM	73	69	49	35	71	84	101	83	61	63	75	61	825 $\frac{2}{4}$
Burrell 1 well NW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 33, T. 8 S., R. 24 W., G&SRM													192
Bureau of Indian Affairs 1 well NW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 25, T. 9 S., R. 25 W., G&SRM	0	0	0	0	251	106	99	266	107	86	0	80	995 $\frac{3}{4}$
Ranch 220 Trust 284 1 well SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 19, T. 9 S., R. 24 W., G&SRM	44	59	87	56	133	97	40	43	0	20	9	34	622 $\frac{3}{4}$
Ranch 220 Trust 284 1 well SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 19, T. 9 S., R. 24 W., G&SRM	26	35	45	73	65	62	17	26	0	4	3	21	397 $\frac{3}{4}$

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DIVERSIONS FROM MAINSTREAM — AVAILABLE RETURN FLOW
AND CONSUMPTIVE USE OF SUCH WATER
CALENDAR YEAR 1975
STATE OF Arizona

V(B)
Sheet 5 of 5

(ACRE - FEET)

WATER USER		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTALS
Ranch 220 Trust 28 ⁴ 1 well NW ¹ SE ¹ NW ¹ , Sec. 19, T. 9 S., R. 2 ⁴ W., G&SRM	Diversion	17	22	33	44	50	37	15	16	0	8	4	14	260 ^{3/}
Arizona Subtotals														
Imperial Dam to International Boundary	Diversion ^{4/}	2,488	2,871	3,352	4,011	6,379	5,049	4,960	5,235	4,235	2,380	2,382	1,975	45,317
	Diversion ^{5/}	760	877	1,024	1,225	1,949	1,542	1,515	1,599	1,294	728	728	603	13,844
Arizona Totals	Diversion	10,751	6,117	10,571	8,333	11,144	10,462	11,704	10,546	10,778	6,490	5,540	3,966	106,402

^{1/} Calculated by assuming an annual diversion of 6 acre-feet per irrigated acre unless otherwise noted.

^{2/} Record furnished by diverter.

^{3/} Calculated from monthly power records and power-discharge measurements where available, and where power-discharge measurements were not available calculated from average power-discharge rate.

^{4/} Total of items for which monthly distribution is shown.

^{5/} Total of items 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 1975

V(B)
Sheet 1 of 3
Final Records

STATE OF California

(ACRE - FEET)

WATER USER		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTALS
Fort Mohave Indian Reservation	Diversion	0	0	0	0	66	146	121	185	128	50	6	18	720
Pumped from wells	Return													1/
	Consumptive Use													
City of Needles	Diversion	121	111	157	213	325	451	509	493	365	249	184	155	3,333
1/4 well, NW 1/4 SW 1/4, Sec. 29, T. 9 N., R. 23 E., SEM	Return	40	38	52	62	62	82	89	90	77	76	46	45	759
	Consumptive Use	81	73	105	151	263	369	420	403	288	173	138	110	2,574
San Bernadino County	Diversion	1	1	1	1	1	2	2	2	1	1	1	1	15
1 well	Return													1/
	Consumptive Use													
Metropolitan Water District of Southern California	Diversion	55,085	53,111	68,495	66,992	79,964	75,476	82,247	80,320	66,446	67,710	40,681	41,968	778,495 1/
Diversion from Lake Havasu	Return													
	Consumptive Use													
Parker Dam and Government Camp	Diversion	6	7	9	15	21	30	32	34	22	14	10	6	206
Diversion at Parker Dam	Return													1/
	Consumptive Use													
Colorado River Indian Reservation 6/	Diversion	32	36	49	52	55	59	71	74	66	57	48	44	643
1 well-Big River, Sec. 5, T. 1 S., R. 25 E., SEM	Return	44	53	37	104	108	117	118	133	126	107	63	40	1,050
1 pump, SE 1/4 SW 1/4, Sec. 30, T. 2 S., R. 24 E., SEM	Diversion	31	86	51	134	163	227	191	191	184	88	102	101	1,549
1 pump, SW 1/4 NW 1/4, Sec. 13, T. 3 S., R. 23 E., SEM	Return	16	98	81	149	120	240	184	181	142	108	111	100	1,530
1 pump, SW 1/4 NW 1/4, Sec. 13, T. 3 S., R. 23 E., SEM	Diversion	77	93	75	147	155	246	248	186	104	192	93	84	1,700
1 pump, NE 1/4 SW 1/4, Sec. 25, T. 3 S., R. 23 E., SEM	Return	156	54	1	200	171	0	109	230	323	332	0	0	1,576
1 pump, SE 1/4 SE 1/4, Sec. 11, T. 4 S., R. 23 E., SEM	Diversion	0	0	0	92	130	28	0	95	101	67	46	0	559
1 pump, SE 1/4 NW 1/4, Sec. 36, T. 4 S., R. 23 E., SEM	Return	50	66	74	66	81	146	156	119	102	24	124	20	1,028
1 pump, NW 1/4 NW 1/4, Sec. 6, T. 5 S., R. 24 E., SEM	Diversion	82	52	122	132	243	0	0	0	0	0	126	136	893
1 pump, NW 1/4 NW 1/4, Sec. 6, T. 5 S., R. 24 E., SEM	Return	202	61	121	101	20	0	0	0	0	0	0	26	531
1 pump, NW 1/4 SE 1/4, Sec. 7, T. 5 S., R. 24 E., SEM	Diversion	208	190	298	369	423	0	0	0	0	1	215	65	1,769
1 pump, NE 1/4 SE 1/4, Sec. 7, T. 5 S., R. 24 E., SEM	Return	134	31	52	69	131	0	0	0	0	0	109	36	562 1/
	Consumptive Use													

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DIVERSIONS FROM MAINSTREAM — AVAILABLE RETURN FLOW
AND CONSUMPTIVE USE OF SUCH WATER
CALENDAR YEAR 1975
STATE OF California

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Final Records

(ACRE - FEET)

WATER USER		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTALS
Palo Verde Irrigation District Diversion at Palo Verde Diversion Dam	Diversion	53,818	60,162	78,489	91,156	107,307	84,259	103,935	101,813	87,988	67,445	52,140	45,351	933,063
	Return	35,242	32,210	37,105	37,729	44,373	40,208	43,568	45,627	47,237	44,222	38,735	38,121	484,377
	Consumptive Use	18,576	27,952	41,384	53,427	62,934	44,051	60,367	56,186	40,751	23,223	13,405	7,230	449,486
City of Blythe 10 wells in Secs. 29, 32, & 33, T. 6 S., R. 23 E., SBM	Diversion	118	120	176	148	329	364	438	488	287	247	127	104	2,946
	Consumptive Use													1/
East Blythe County Water District Pumped for domestic use from 2 wells, one in wells, one NE $\frac{1}{4}$ SW $\frac{1}{4}$ NE $\frac{1}{4}$ and other in NE $\frac{1}{4}$ SW $\frac{1}{4}$ SE $\frac{1}{4}$ of Sec. 33, T. 6 S., R. 23 E., SBM	Diversion	25	25	29	33	40	53	66	59	48	41	29	25	473
	Consumptive Use													1/
Yuma Project Reservation Division Indian Unit Diversion at Imperial Dam	Diversion	2,450	2,755	4,275	4,460	4,217	2,103	3,091	4,516	5,510	3,399	3,096	2,577	42,449
	Return													
	Consumptive Use													
Yuma Project Reservation Division Bard Unit Diversion at Imperial Dam	Diversion	2,344	3,107	3,944	5,348	5,524	3,364	4,893	5,038	3,617	3,884	3,148	2,692	46,903
	Return													
	Consumptive Use													
Returns from Yuma Project Reservation Division Drains	Returns $\frac{2}{1}$	2,087	1,838	2,301	2,531	2,562	2,061	2,016	2,280	2,274	2,489	2,332	2,395	27,166
Imperial Irrigation District Diversion at Imperial Dam	Diversion	194,490	198,916	289,254	311,143	347,343	265,424	286,503	297,133	283,623	255,563	178,712	162,870	3,070,974
	Returns													1/
	Consumptive Use													
Coachella Valley County Water District Diversion at Imperial Dam	Diversion	32,057	30,859	40,531	44,448	61,488	64,500	63,575	67,895	57,024	45,099	31,909	31,602	570,987
	Return													1/
	Consumptive Use													
City of Winterhaven 1 well SE $\frac{1}{4}$ SE $\frac{1}{4}$ NE $\frac{1}{4}$, Sec. 27, T. 16 S., R.22 E., SBM	Diversion													110
	Return													3/ 1/
	Consumptive Use													
Other users pumping from Colorado River and wells in flood plain Davis Dam to International Boundary $\frac{1}{2}$	Diversion	1,452	868	2,651	3,383	3,896	3,347	3,252	3,299	3,806	2,361	1,462	1,366	31,143
	Return													1/
	Consumptive Use													

DIVERSIONS FROM MAINSTREAM — AVAILABLE RETURN FLOW
AND CONSUMPTIVE USE OF SUCH WATER
CALENDAR YEAR 1975
STATE OF California

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(ACRE FEET)

WATER USER		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTALS
California Totals	Diversion	342,999	350,862	488,972	528,955	612,321	500,582	549,741	562,484	510,013	447,039	312,542	289,387	5,496,007 5/
	Return	37,369	34,086	39,458	40,322	46,997	42,351	45,673	47,997	49,588	46,787	41,113	40,561	512,302
	Consumptive Use	305,630	316,776	449,514	488,633	565,324	458,231	504,068	514,487	460,425	400,252	271,429	248,826	4,983,705 5/

NOTE: The term "Consumptive Use" in this tabulation means measured diversion less measured returns to river.

- 1/ No surface returns.
- 2/ Returns unassigned include unknown quantities of drainage from the Indian Unit and the Bard Unit in the Reservation Division but exclude seepage from the All-American Canal.
- 3/ Monthly distribution not available.
- 4/ Details on California Supplemental Sheets 1-5.
- 5/ The total is 110 acre-feet greater than the sum of monthly totals because of nonavailable monthly distribution of diversion by City of Winterhaven.
- 6/ 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.

DIVERSIONS FROM MAINSTREAM — AVAILABLE RETURN FLOW
AND CONSUMPTIVE USE OF SUCH WATER
CALENDAR YEAR 1975

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STATE OF California

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WATER USER		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTALS
Williams, Floyd														
1 well	Diversion													
SE ¹ / ₄ SW ¹ / ₄ Sec. 36, T. 11 N., R. 21 E., SEM														1,410
1 well	Diversion													
NW ¹ / ₄ SW ¹ / ₄ Sec. 36, T. 11 N., R. 21 E., SEM														
Deason, Richard														
1 well	Diversion													810
SE ¹ / ₄ NW ¹ / ₄ Sec. 31, T. 11 N., R. 22 E., SEM														
Southern California Gas Company														
2 wells	Diversion	48.6	13.3	164.5	262.5	310.1	296.9	288	301.6	264.0	285.0			10 2/3
SE ¹ / ₄ SE ¹ / ₄ Sec. 29, T. 9 N., R. 23 E., SEM														
Okumato Kiyo														
1 well	Diversion	58	19	235	375	443	424	422	435	377	407	0	0	3,185 3/4
SE ¹ / ₄ NE ¹ / ₄ Sec. 9, T. 1 S., R. 24 E., SEM														
Okumato, Kiyo														
1 well	Diversion	0	1	6	11	21	22	22	29	28	18	0	0	158 3/4
NE ¹ / ₄ SW ¹ / ₄ Sec. 9, T. 1 S., R. 24 E., SEM														
Okumato, Kiyo														
3 wells	Diversion	158	86	360	310	548	598	598	656	540	569	0	0	4,423 3/4
SE ¹ / ₄ NE ¹ / ₄ Sec. 9, T. 1 S., R. 24 E., SEM														
SE ¹ / ₄ SE ¹ / ₄ Sec. 9, T. 1 S., R. 24 E., SEM														
NE ¹ / ₄ SE ¹ / ₄ Sec. 10, T. 1 S., R. 24 E., SEM														
Lye, R. C.														
1 well	Diversion	9	7	6	21	18	7	31	28	11	17	17	0	172 3/4
NW ¹ / ₄ SE ¹ / ₄ Sec. 10, T. 1 S., R. 24 E., SEM														
Lye, R. C.														
1 well	Diversion	7	5	7	17	17	11	23	18	9	11	10	1	136 3/4
SW ¹ / ₄ SE ¹ / ₄ Sec. 10, T. 1 S., R. 24 E., SEM														
Lye, R. C.														
1 well	Diversion	4	7	10	13	10	13	17	18	7	15	14	10	138 3/4
SE ¹ / ₄ NE ¹ / ₄ Sec. 16, T. 1 S., R. 24 E., SEM														
BIM Permittees														
Pumped for domestic use	Diversion													131
Subtotals-Davis Dam to Imperial Dam	Diversion 4/5	236	125	624	747	1,057	1,075	1,103	1,184	972	1,037	41	11	8,212
	Diversion 2/5	68	36	179	215	304	309	317	340	279	298	12	4	2,361

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DIVERSIONS FROM MAINSTREAM — AVAILABLE RETURN FLOW
AND CONSUMPTIVE USE OF SUCH WATER
CALENDAR YEAR 1975
STATE OF California

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WATER USER		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTALS
Land, Ralph 1 well and 1 pump SW $\frac{1}{4}$ SE $\frac{1}{4}$ SE $\frac{1}{4}$, Sec. 35, T. 15 S., R. 23 E., SEM	Diversion													636
Cranford, Ralph 1 well SW $\frac{1}{4}$ SE $\frac{1}{4}$ SW $\frac{1}{4}$, Sec. 35, T. 15 S., R. 23 E., SEM	Diversion													384
Berryman, Harley 1 well NW $\frac{1}{4}$ NW $\frac{1}{4}$ NW $\frac{1}{4}$, Sec. 2, T. 16 S., R. 23 E., SEM	Diversion	24	33	58	86	107	29	59	32	34	10	62	12	946 $\frac{3}{4}$
Power, Pete 2 wells NE $\frac{1}{4}$ NW $\frac{1}{4}$ NE $\frac{1}{4}$, Sec. 15, T. 16 S., R. 23 E., SEM NW $\frac{1}{4}$ SW $\frac{1}{4}$ SW $\frac{1}{4}$, Sec. 14, T. 16 S., R. 23 E., SEM	Diversion													1,992
Mitchell, Hayden 1 well SE $\frac{1}{4}$ SE $\frac{1}{4}$ NW $\frac{1}{4}$, Sec. 22, T. 16 S., R. 23 E., SEM	Diversion	0	69	67	88	116	94	69	0	130	6	18	37	694 $\frac{3}{4}$
Slade 1 well NE $\frac{1}{4}$ SE $\frac{1}{4}$ SW $\frac{1}{4}$, Sec. 6, T. 8 S., R. 22 W., G&SRM	Diversion	192	0	73	88	200	66	171	2	161	0	533	259	1,745 $\frac{3}{4}$
Harp, Robert 1 well SE $\frac{1}{4}$ SW $\frac{1}{4}$ SW $\frac{1}{4}$, Sec. 6, T. 8 S., R. 22 W., G&SRM	Diversion													858
Spencer, M. E. 1 well SW $\frac{1}{4}$ NE $\frac{1}{4}$ SW $\frac{1}{4}$, Sec. 9, T. 16 S., R. 23 E., SEM	Diversion	0	7	78	0	43	15	106	95	52	0	0	0	396 $\frac{3}{4}$
Coley, Marvin 1 well SE $\frac{1}{4}$ SE $\frac{1}{4}$ SW $\frac{1}{4}$, Sec. 18, T. 16 S., R. 23 E., SEM	Diversion	36	43	50	33	90	79	70	81	62	29	0	73	646 $\frac{3}{4}$
Martin, Marvin 1 pump NE $\frac{1}{4}$ NW $\frac{1}{4}$ NW $\frac{1}{4}$, Sec. 1, T. 8 S., R. 23 W., G&SRM	Diversion	0	8	15	32	23	36	17	28	17	8	2	0	186 $\frac{3}{4}$
Martin, Marvin 1 pump SE $\frac{1}{4}$ NE $\frac{1}{4}$ NW $\frac{1}{4}$, Sec. 1, T. 8 S., R. 23 W., G&SRM	Diversion	70	17	133	0	276	96	90	76	100	56	36	0	950 $\frac{3}{4}$
Harp, Robert 1 pump SW $\frac{1}{4}$ SE $\frac{1}{4}$ NE $\frac{1}{4}$, Sec. 2, T. 8 S., R. 23 W., G&SRM	Diversion	106	0	166	330	230	54	128	151	213	146	84	1	1,609 $\frac{3}{4}$

DIVERSIONS FROM MAINSTREAM — AVAILABLE RETURN FLOW
AND CONSUMPTIVE USE OF SUCH WATER
CALENDAR YEAR 1975
STATE OF California

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(ACRE - FEET)

WATER USER		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTALS
Harp, Robert 1 well NE $\frac{1}{4}$ SW $\frac{1}{4}$ NE $\frac{1}{4}$, Sec. 2, T. 8 S., R. 23 W., G&SRM	Diversion	96	2	142	250	168	41	96	139	148	126	56	0	1,264 $\frac{3}{4}$
Harp, Robert 1 well NE $\frac{1}{4}$ SW $\frac{1}{4}$ NE $\frac{1}{4}$, Sec. 12, T. 8 S., R. 23 W., G&SRM	Diversion	34	21	92	68	55	58	68	105	79	42	18	18	658 $\frac{3}{4}$
Easterday, Anne 1 well SW $\frac{1}{4}$ SW $\frac{1}{4}$ SE $\frac{1}{4}$, Sec. 1, T. 8 S., R. 23 W., G&SRM	Diversion	20	20	65	89	61	69	61	93	93	67	4	0	642 $\frac{3}{4}$
Dees, John F. 1 well SE $\frac{1}{4}$ NE $\frac{1}{4}$ NE $\frac{1}{4}$, Sec. 12, T. 8 S., R. 23 W., G&SRM	Diversion	62	91	85	185	214	233	204	167	520	102	56	93	2,012 $\frac{3}{4}$
Harp, Robert 1 well SE $\frac{1}{4}$ NE $\frac{1}{4}$ NE $\frac{1}{4}$, Sec. 12, T. 8 S., R. 23 W., G&SRM	Diversion	29	0	54	18	28	36	50	90	10	26	0	0	341 $\frac{3}{4}$
Harp, Paul 1 well SW $\frac{1}{4}$ NE $\frac{1}{4}$ SE $\frac{1}{4}$	Diversion													360
Easterday, Kenneth 1 well NW $\frac{1}{4}$ SE $\frac{1}{4}$ SW $\frac{1}{4}$, Sec. 12, T. 8 S., R. 23 W., G&SRM	Diversion	9	105	143	175	0	283	132	139	137	4	84	84	1,295 $\frac{3}{4}$
Power, Pete 1 well NE $\frac{1}{4}$ SW $\frac{1}{4}$ SE $\frac{1}{4}$, Sec. 11, T. 8 S., R. 23 W., G&SRM	Diversion	194	92	100	295	202	194	60	64	77	63	111	138	1,590 $\frac{3}{4}$
Barkley Company 1 well NE $\frac{1}{4}$ SE $\frac{1}{4}$ SW $\frac{1}{4}$, Sec. 19, T. 16 S., R. 23 E., SEM	Diversion	0	1	55	51	72	101	3	50	52	104	2	1	492 $\frac{3}{4}$
Hutchenson, John 1 pump SE $\frac{1}{4}$ SE $\frac{1}{4}$ SE $\frac{1}{4}$, Sec. 27, T. 16 S., R. 22 E., SEM	Diversion	0	7	6	15	13	2	0	0	14	13	0	57	127 $\frac{3}{4}$
Slade, William 1 pump SW $\frac{1}{4}$ NE $\frac{1}{4}$ SE $\frac{1}{4}$, Sec. 29, T. 16 S., R. 22 E., SEM	Diversion	19	27	27	54	57	39	1	0	52	0	53	300	629 $\frac{3}{4}$
Hudson, C. A. 1 pump NE $\frac{1}{4}$ NW $\frac{1}{4}$ SE $\frac{1}{4}$, Sec. 29, T. 16 S., R. 22 E., SEM	Diversion	13	11	51	55	43	34	64	90	60	0	0	0	421 $\frac{3}{4}$

DIVERSIONS FROM MAINSTREAM — AVAILABLE RETURN FLOW
AND CONSUMPTIVE USE OF SUCH WATER
CALENDAR YEAR 1975
STATE OF California

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WATER USER		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTALS
G. and L. Farms 1 well NW1/4, Sec. 29, T. 16 S., R. 22 E., SEM	Diversion	8	8	8	11	16	0	6	8	19	13	0	0	97 ^{3/}
Subtotals-Imperial Dam to Boundary	Diversion ^{4/} Diversion ^{5/}	912 236	562 145	1,468 380	1,923 498	2,014 521	1,559 404	1,455 377	1,410 365	2,030 525	815 211	1,119 290	1,073 278	16,340 4,230
Total California		1,452	868	2,651	3,383	3,896	3,347	3,252	3,299	3,806	2,361	1,462	1,366	31,143

^{1/} Calculated by assuming an annual diversion of 6 acre-feet per irrigated acre unless otherwise noted.

^{2/} Record furnished by diverter.

^{3/} Calculated from monthly power records and power-discharge measurements where available, and where measurements were not available calculated from average power-discharge rate.

^{4/} Total of items for which monthly distribution is shown.

^{5/} Total of items for which monthly distribution is not shown. Distributed according to monthly distribution of other users in immediate area.

DIVERIONS FROM MAINSTREAM — AVAILABLE RETURN FLOW
AND CONSUMPTIVE USE OF SUCH WATER
CALENDAR YEAR 1975
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WATER USER		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTALS
Boulder City														
Diversior at Hoover Dam	Diversior	105	88	116	141	214	253	265	245	186	137	132	101	1,983
Diversior at Saddle Island, Lake Mead	Diversior 1/	37	54	66	109	177	269	294	273	199	206	98	65	1,847 2/
	Return													
	Consumptive Use													
Lake Mead Recreation Area														
Diversior from Lake Mead	Diversior	33	33	35	40	62	114	128	122	91	76	47	43	824 2/
	Return													
	Consumptive Use													
Basic Management Inc.														
Diversior at Saddle Island, Lake Mead	Diversior 3/	888	907	1,076	990	811	1,002	1,179	1,162	1,006	679	1,209	1,014	11,923 2/
	Return													
	Consumptive Use													
City of Henderson														
Diversior at Saddle Island, Lake Mead	Diversior 1/	175	161	40	159	262	103	195	181	140	108	25	9	1,558
Diversior at Saddle Island, Lake Mead	Diversior 3/	119	106	294	248	253	684	742	710	554	461	374	307	4,852
	Return													
	Consumptive Use													
Las Vegas Valley Water District														
Diversior at Saddle Island, Lake Mead	Diversior 1/	3,255	2,220	3,592	3,918	4,992	6,414	6,518	6,396	5,471	4,729	4,258	3,372	55,135
	Return													
	Consumptive Use													
Nevada State Department of Fish and Game														
Diversior near Saddle Island, Lake Mead	Diversior	370	303	344	256	279	259	290	269	291	398	343	368	3,770
	Return	369	303	344	256	279	258	289	268	291	397	343	367	3,764
	Consumptive Use	1	0	0	0	0	1	1	1	0	1	0	1	6
Johns-Manville Sales Corporation														
Diversior at Gypsum Wash, Lake Mead	Diversior	23	28	30	16	35	33	30	41	36	34	41	38	385 2/
	Return													
	Consumptive Use													
City of North Las Vegas														
Diversior at Saddle Island, Lake Mead	Diversior 1/	151	108	265	422	757	1,055	1,033	969	727	466	249	148	6,370
	Return													
	Consumptive Use													
Nellis Air Force Base														
Diversior at Saddle Island, Lake Mead	Diversior 1/	104	105	118	118	183	205	249	241	206	153	112	113	1,907
	Return													
	Consumptive Use													

DIVERSIONS FROM MAINSTREAM — AVAILABLE RETURN FLOW
AND CONSUMPTIVE USE OF SUCH WATER
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STATE OF Nevada

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WATER USER		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTALS
Ramelli, William C. Lot No. 3, Sec. 13, T. 32 S., R. 66 E., MDB&M	Diversion Return													3 ⁴ / ₂
Southern California Edison Company Diversion at Pumping Plan in Sec. 24, T. 32 S., R. 66 E., MDB&M	Diversion Return Consumptive Use	1,359	837	1,120	719	1,190	1,490	1,630	1,335	1,146	1,298	1,384	912	14,422 ² / ₁
Wielke, Armin T. 1 pump All except W. 500' and E. 630' of Lot No. 1, Sec. 33, T. 32 S., R. 66 E., MDB&M	Diversion Return													3 ⁴ / ₂
Portenier, Warren E. E ¹ / ₂ , Lot No. 2, Sec. 33, T. 32 S., R. 66 E., MDB&M	Diversion Return													42 ⁴ / ₂
Welles, John C. 1 pump E ¹ / ₂ , Lot No. 2, Sec. 33, T. 32 S., R. 66 E., MDB&M	Diversion Return	7.1	4.4	5.8	3.7	6.2	7.7	8.5	6.9	6.0	6.8	7.2	4.7	10 ⁴ / ₂
Cavanagh, Milton E. 1 pump W ¹ / ₂ , Lot No. 2, Sec. 33, T. 32 S., R. 66 E., MDB&M	Diversion Return													20 ⁴ / ₂
RETURN FLOWS LAS VEGAS WASH RETURN														29,150 ⁶ / ₁
Nevada Totals	Diversion Return Consumptive	6,516 369 6,250	4,950 303 4,647	7,096 344 6,752	7,136 256 6,880	9,215 279 8,936	11,881 258 11,623	12,553 289 12,264	11,944 268 11,676	10,075 291 9,784	8,745 397 8,348	8,272 343 7,929	6,490 367 6,123	105,054 32,914 72,140
<p>Note: The term "Consumptive Use" in this tabulation means measured diversion less measured return to the river. ¹ Delivered through the facilities of Southern Nevada Water Project. No surface return. Delivered through the facilities of Basic Management Inc. Reports annually. The monthly totals do not add to the sum of the annual total because of nonavailability of monthly distribution of items foot noted <u>1</u> and <u>6</u>. Estimated.</p>														

DIVERSIONS FROM MAINSTREAM — AVAILABLE RETURN FLOW
AND CONSUMPTIVE USE OF SUCH WATER
CALENDAR YEAR 1974
STATE OF Nevada

(B)

(ACRE - FEET)

		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTALS
Revision to 1974 Report														
Nevada State Department of Fish and Game														
Diversion of Saddle Island, Lake Mead ^{3/}	Diversion	328	297	319	314	335	344	341	342	321	338	336	355	3,970
	Return	327	296	318	314	334	343	341	341	320	338	336	355	3,963
	Consumptive Use	1	1	1	0	1	1	0	1	1	0	0	0	7
^{3/} Delivered through the facilities of the Basic Management, Inc.														

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

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CALENDAR YEAR 1975

The following tabulations for calendar year 1975 show records of releases of mainstream water pursuant to orders therefor but not diverted by the party ordering the same, and the quantity of such water delivered to Mexico in satisfaction of the Mexican Treaty or diverted by others in satisfaction of 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 traveltime 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 for Nevada. The storage capacity of Lake Mead is so large in relation to the present daily diversions from the reservoir by Nevada that any "water ordered but not diverted" would be retained for future use and would have no significant effect on scheduling of daily operations of the reservoir.

DIVERSIONS FROM MAINSTREAM -- AVAILABLE RETURN FLOW
AND CONSUMPTIVE USE OF SUCH WATER
CALENDAR YEAR 1975

STATE OF Arizona

(18)

Sheet 1 of 2
Final Records

(ACRE - FEET)

WATER USER		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTALS
Colorado River Indian Reservation Diversion at Headgate Rock Dam	Ordered but not Diverted	3,777	1,315	990	871	1,172	1,795	1,267	1,258	3,451	159	577	2,630	19,262
	Delivered to Mexico in Satisfaction of Treaty	0	0	0	0	0	0	0	0	0	0	0	0	0
	Diverted by Others	383	403	119	242	365	444	400	415	416	40	147	424	3,798
	Delivered to Storage 2/ Delivered to Mexico in Excess of Treaty	3,394	912	871	536	807	1,351	867	843	3,035	119	430	2,206	15,371
Yuma Proving Ground U.S. Army Diversion at Imperial Dam 1/	Ordered but not Diverted	0	0	0	0	0	0	0	0	0	0	0	0	0
	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 Irrigation District Diversion at Imperial Dam	Ordered but not Diverted	944	528	416	904	740	712	698	1,267	454	1,416	1,357	1,974	11,410
	Delivered to Mexico in Satisfaction of Treaty	0	0	0	0	0	0	0	0	0	0	0	0	0
	Diverted by Others	736	244	166	551	30	28	115	297	188	260	349	494	3,458
	Delivered to Storage 2/ Delivered to Mexico in Excess of Treaty	208	284	250	214	710	684	583	970	266	1,156	1,008	1,480	7,813
Warren Act Contractors Gila Project Districts Diversion at Imperial Dam	Ordered but not Diverted	0	0	0	0	0	0	0	0	0	0	0	0	0
	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
Wellton-Mohawk I. and D.D. Diversion at Imperial Dam	Ordered but not Diverted	595	1,543	3,937	3,860	1,712	1,835	2,168	1,343	4,361	4,457	4,199	6,569	36,579
	Delivered to Mexico in Satisfaction of Treaty	0	0	0	0	0	0	0	0	0	0	0	0	0
	Diverted by Others	335	690	430	419	85	437	464	488	2,995	2,347	1,244	890	10,724
	Delivered to Storage 2/ Delivered to Mexico in Excess of Treaty	260	853	3,507	1,904	1,627	1,398	1,704	855	1,366	2,110	3,055	5,679	24,318
Yuma Irrigation District Diversion at Imperial Dam	Ordered but not Diverted	182	224	331	476	619	661	466	490	401	916	512	587	5,865
	Delivered to Mexico in Satisfaction of Treaty	0	0	0	0	0	0	0	0	0	0	0	0	0
	Diverted by Others	164	115	2	129	181	64	14	75	101	228	159	44	1,276
	Delivered to Storage 2/ Delivered to Mexico in Excess of Treaty	18	109	329	163	438	597	452	415	300	688	353	543	4,405
		0	0	0	184	0	0	0	0	0	0	0	0	184

DIVERSIONS FROM MAINSTREAM — AVAILABLE RETURN FLOW
AND CONSUMPTIVE USE OF SUCH WATER
CALENDAR YEAR 1975
STATE OF Arizona

V(b)
Sheet 2 of 2
Final Records

(ACRE - FEET)

WATER USER		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTALS
Yuma Mesa I. and D.D. Diversion at Imperial Dam	Ordered but not Diverted	373	835	1,111	502	1,704	621	274	414	1,535	1,452	478	1,269	10,568
	Delivered to Mexico in Satisfaction of Treaty	0	0	0	0	0	0	0	0	0	0	0	0	0
	Diverted by Others	298	418	270	379	577	131	6	14	565	379	79	69	3,185
	Delivered to Storage 2/ Delivered to Mexico in Excess of Treaty	75	417	841	85	1,127	490	268	400	970	1,073	399	1,200	7,345
Unit B I and D.D. Diversion at Imperial Dam	Ordered but not Diverted	218	162	274	166	218	228	190	184	254	218	170	123	2,407
	Delivered to Mexico in Satisfaction of Treaty	0	0	0	0	0	0	0	0	0	0	0	0	0
	Diverted by Others	204	136	135	103	63	20	0	10	141	10	33	36	891
	Delivered to Storage 2/ Delivered to Mexico in Excess of Treaty	14	26	139	63	155	206	190	174	113	208	137	87	1,514
City of Yuma Diversion at Imperial Dam	Ordered but not Diverted	0	0	0	41	111	0	0	0	58	0	0	190	400
	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	2	77	0	0	0	18	0	0	80	177
	Delivered to Storage 2/ Delivered to Mexico in Excess of Treaty	0	0	0	39	34	0	0	0	40	0	0	110	223
Yuma County Water Users' Association Diversion at Imperial Dam	Ordered but not Diverted	3,043	1,067	3,204	1,263	1,383	1,804	981	1,611	1,191	4,378	3,128	2,514	25,567
	Delivered to Mexico in Satisfaction of Treaty	0	0	0	0	0	0	0	0	0	0	0	0	0
	Diverted by Others	2,787	762	1,335	184	960	1,026	541	1,356	377	971	1,812	1,059	13,170
	Delivered to Storage 2/ Delivered to Mexico in Excess of Treaty	256	305	1,869	581	423	778	440	255	814	3,407	1,316	1,455	11,899
Cocopah Indian Reservation Diversion at Imperial Dam	Ordered but not Diverted	0	0	5	7	2	5	5	6	2	13	2	0	47
	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	2	1	1	3	3	5	1	3	1	0	20
	Delivered to Storage 2/ Delivered to Mexico in Excess of Treaty	0	0	3	3	1	2	2	1	1	10	1	0	24
Arizona Totals	Ordered but not Diverted	9,132	5,674	10,266	8,092	7,661	7,661	6,049	6,573	11,707	13,009	10,423	15,856	112,105
	Delivered to Mexico in Satisfaction of Treaty	0	0	0	0	0	0	0	0	0	0	0	0	0
	Diverted by Others	4,907	2,768	2,459	2,010	2,339	2,153	1,543	2,660	4,802	4,238	3,724	3,096	36,699
	Delivered to Storage 2/ Delivered to Mexico in Excess of Treaty	4,225	2,906	7,809	3,588	5,322	5,506	4,506	3,913	6,905	8,771	6,699	12,760	72,912

1/ No orders received. 2/ Available for future use.

DIVERSIONS FROM MAINSTREAM -- AVAILABLE RETURN FLOW
AND CONSUMPTIVE USE OF SUCH WATER
CALENDAR YEAR 1975
STATE OF California

V(B)
Sheet 1 of 2
Final Records

(ACRE - FEET)

WATER USER		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTALS
Metropolitan Water District Diversion at Lake Havasu	Ordered but not Diverted	355	2,659	0	0	0	484	0	1,830	0	0	0	0	5,328
	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 <u>1/</u>	355	2,659	0	0	0	484	0	1,830	0	0	0	0	5,328
	Delivered to Mexico in Excess of Treaty	0	0	0	0	0	0	0	0	0	0	0	0	0
Palo Verde Irrigation District Diversion at Palo Verde Diversion Dam	Ordered but not Diverted	2,354	1,518	2,505	3,261	2,178	1,478	3,253	2,739	4,199	2,662	3,967	3,094	33,217
	Delivered to Mexico in Satisfaction of Treaty	0	0	0	0	0	0	0	0	0	0	0	0	0
	Diverted by Others	829	391	700	855	506	204	438	347	569	0	633	337	5,809
	Delivered to Storage <u>1/</u>	1,525	1,127	1,805	1,371	1,672	1,283	2,815	2,392	3,630	2,662	3,334	2,757	26,373
	Delivered to Mexico in Excess of Treaty	0	0	0	1,035	0	0	0	0	0	0	0	0	1,035
Yuma Project Division Bard Unit Diversion at Imperial Dam	Ordered but not Diverted	261	124	317	525	354	399	547	647	170	477	413	498	4,732
	Delivered to Mexico in Satisfaction of Treaty	0	0	0	0	0	0	0	0	0	0	0	0	0
	Diverted by Others	251	45	144	279	135	308	405	449	100	210	213	212	2,751
	Delivered to Storage <u>1/</u>	10	79	173	147	219	91	142	196	70	267	200	286	1,882
	Delivered to Mexico in Excess of Treaty	0	0	0	99	0	0	0	0	0	0	0	0	99
Yuma Project Division Indian Unit Diversion at Imperial Dam	Ordered but not Diverted	276	110	344	445	287	238	355	591	270	467	445	496	4,324
	Delivered to Mexico in Satisfaction of Treaty	0	0	0	0	0	0	0	0	0	0	0	0	0
	Diverted by Others	266	40	156	237	109	184	263	410	158	205	229	211	2,468
	Delivered to Storage <u>1/</u>	10	70	188	125	178	54	92	181	112	262	216	285	1,773
	Delivered to Mexico in Excess of Treaty	0	0	0	83	0	0	0	0	0	0	0	0	83
Imperial Irrigation District Diversion at Imperial Dam	Ordered but not Diverted	1,041	1,751	3,903	20,583	0	0	0	0	4,756	0	0	198	32,232
	Delivered to Mexico in Satisfaction of Treaty	0	0	0	0	0	0	0	0	0	0	0	0	0
	Diverted by Others	774	178	236	613	0	0	0	0	381	0	0	14	2,196
	Delivered to Storage <u>1/</u>	267	1,573	3,667	12,000	0	0	0	0	4,375	0	0	184	22,066
	Delivered to Mexico in Excess of Treaty	0	0	0	7,970	0	0	0	0	0	0	0	0	7,970
Coachella Valley County Water District Diversion at Imperial Dam	Ordered but not Diverted	0	0	0	0	0	0	0	0	0	0	0	0	0
	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 <u>1/</u>	0	0	0	0	0	0	0	0	0	0	0	0	0
	Delivered to Mexico in Excess of Treaty	0	0	0	0	0	0	0	0	0	0	0	0	0

DIVERSIONS FROM MAINSTREAM — AVAILABLE RETURN FLOW
 AND CONSUMPTIVE USE OF SUCH WATER
 CALENDAR YEAR 1975
 STATE OF California

V(B)
 Sheet 2 of 2
 Final Records

(ACRE - FEET)

WATER USER	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTALS
California Totals	4,287	6,162	7,069	24,814	2,819	2,608	4,155	5,807	9,395	3,606	4,825	4,286	79,833
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	2,120	654	1,236	1,984	750	596	1,106	1,206	1,208	415	1,075	774	13,224
Delivered to Storage ^{1/}	2,167	5,508	5,833	13,643	2,069	1,912	3,049	4,601	8,187	3,191	3,750	3,512	57,422
Delivered to Mexico in Excess of Treaty	0	0	0	9,187	0	0	0	0	0	0	0	0	9,187

^{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

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CALENDAR YEAR 1975

DELIVERIES TO MEXICO IN SATISFACTION OF PART III OF 1944 TREATY
 AND
 WATER PASSING TO MEXICO IN EXCESS OF TREATY REQUIREMENTS
 CALENDAR YEAR 1975

V(D)

(ACRE - FEET)

	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTALS
Deliveries to Mexico in Satisfaction of Treaty	79,903	96,937	155,199	192,113	117,254	121,108	176,628	168,075	111,442	76,040	76,433	128,868	1,500,000
Passing to Mexico in Excess of Treaty requirements	18,848	17,238	17,674	23,494	17,708	18,245	19,043	19,351	18,592	19,227	18,861	19,292	227,573 ^{1/}

^{1/} Includes 214,729 acre-feet delivered pursuant to Minute 242

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

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CALENDAR YEAR 1975

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 1975

V(E)

Final Records
 (ACRE - FEET)

(ACRE - FEET)

		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTALS
Gila River	Diversion													0
	Consumptive Use													0
San Francisco River	Diversion													0
	Consumptive Use													0