

UNITED STATES
DEPARTMENT OF THE INTERIOR
Rogers C. B. Morton, Secretary

BUREAU OF RECLAMATION
Gilbert G. Stamm, Commissioner

LOWER COLORADO REGION
E. A. Lundberg, 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

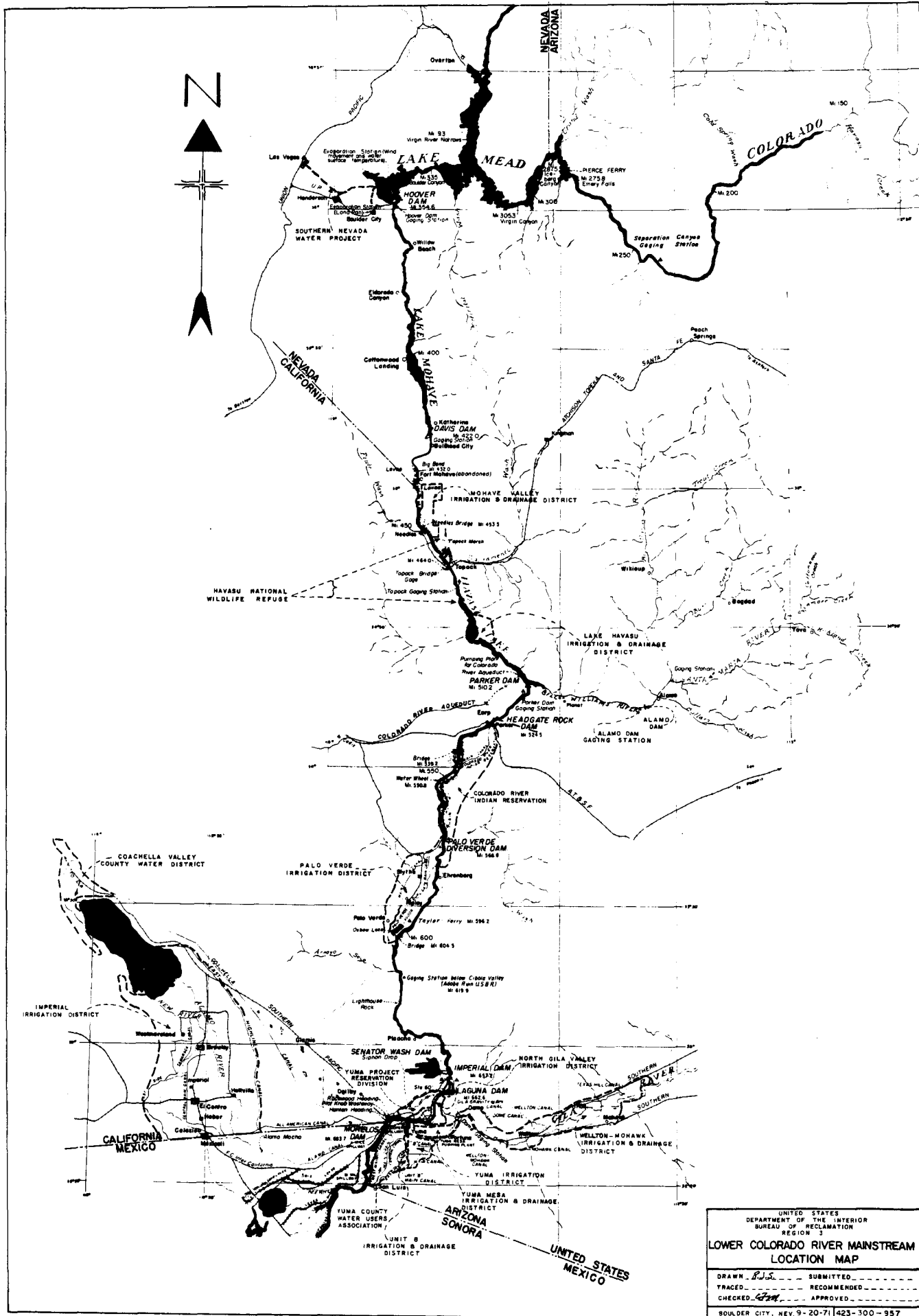
CALENDAR YEAR 1972

Division of Water and Land Operations
Boulder City, Nevada

August 20, 1973

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UNITED STATES
 DEPARTMENT OF THE INTERIOR
 BUREAU OF RECLAMATION
**LOWER COLORADO RIVER MAINSTREAM
 LOCATION MAP**

DRAWN *B.S.* SUBMITTED _____
 TRACED _____ RECOMMENDED _____
 CHECKED *W.M.* 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

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CALENDAR YEAR 1972

The following tabulations for calendar year 1972 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. Studies are being continued to verify the accuracy of the flowmeters at Hoover Dam where water budget studies indicate the meters may be underregistering the flow.

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 "Diversions 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 1972

Final Records
(ACRE - FEET)

STRUCTURE	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTALS
Hoover Dam	567,600	636,200	904,800	876,900	865,800	795,400	768,800	756,300	634,200	517,300	397,100	379,100	8,099,000
Davis Dam	462,600	611,200	913,000	905,500	859,100	850,000	983,400	817,500	689,300	317,200	384,900	476,000	8,270,000
Parker Dam	346,000	480,000	747,200	766,500	699,600	688,800	875,100	716,100	573,600	223,700	282,700	388,800	6,788,000
Headgate Rock Dam ^{1/}	331,400	424,400	684,800	703,700	627,100	618,700	795,300	643,400	514,000	186,300	248,800	350,500	6,128,000
Palo Verde Diversion Dam ^{2/}	300,000	361,200	576,400	592,900	516,700	521,600	630,100	558,600	445,500	202,600	215,600	295,300	5,217,000
Imperial Dam ^{3/}	15,350	15,610	22,670	22,530	18,220	21,790	23,670	22,420	17,090	40,010	16,720	17,850	253,900
Laguna Dam	17,400	15,850	22,760	23,610	20,410	22,190	24,460	24,250	17,540	39,690	19,050	19,980	267,200

^{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 1972

The following tabulations for calendar year 1972 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, Bureau of Sport Fisheries and Wildlife, 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 1972 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 April 1970.

There may be 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 study to determine the location and amounts of such unmeasured return flows. When quantities are determined they will be credited to the affected users and States in making the consumptive use computations.

DIVERSIONS FROM MAINSTREAM - AVAILABLE RETURN FLOW

V(B)

AND CONSUMPTIVE USE OF SUCH WATER

CALENDAR YEAR 1972

STATE OF ARIZONA

Sheet 1 of 4
Final Records
(ACRE FEET)

Water User		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTALS
Lake Mead National Recreation Area														
Diversion from Lake Mohave	Diversion	15	13	15	16	18	19	33	43	38	25	24	23	282
	Return													<u>1/</u>
	Consumptive Use													
Davis Dam and Government Camp														
Diversion at Davis Dam	Diversion	5	7	16	26	22	30	33	31	23	15	6	5	219
	Return													<u>1/</u>
	Consumptive Use													
Mohave Valley Irrigation and Drainage District														
Pumped from wells and inlet channel to Havasu National Wildlife Refuge	Diversion	316	547	728	1,350	1,059	1,822	2,017	1,523	2,660	886	497	449	13,854
	Return													<u>1/</u>
	Consumptive Use													
Havasu National Wildlife Refuge														
Inlet - NW ¹ / ₄ NE ¹ / ₄ NW ¹ / ₄ , Sec. 33, T. 9 N., R. 23 E., SEM	Diversion	0	0	1,150	2,570	3,120	6,070	6,670	3,770	3,480	3,490	4,950	6,330	41,600
Less diversion from inlet channel by pump in SE ¹ / ₄ SW ¹ / ₄ SE ¹ / ₄ , Sec. 24, T. 17 N., R. 22 W., G&SRM		0	0	54	120	146	284	313	177	163	164	232	297	1,950
1 well - NE ¹ / ₄ NE ¹ / ₄ NE ¹ / ₄ , Sec. 15, T. 8 N., R. 23 E., SEM	Diversion	5	1	8	11	48	23	33	23	52	14	3	2	223
Outlet - SW ¹ / ₄ SW ¹ / ₄ SE ¹ / ₄ , Sec. 27, T. 16 N., R. 21 W., G&SRM	Return	0	0	0	0	0	0	0	0	0	1,060	2,170	873	4,103
	Consumptive Use	5	1	1,104	2,461	3,022	5,809	6,390	3,616	3,369	2,280	2,551	5,162	35,770
Lake Havasu Irrigation and Drainage District														
Pumped from wells	Diversion	216	228	388	345	422	488	637	645	568	358	321	302	4,918
	Return													<u>1/</u>
	Consumptive Use													
Town of Parker														
1 well - NW ¹ / ₄ NW ¹ / ₄ NW ¹ / ₄ , Sec. 7, T. 9 N., R. 19 W., G&SRM	Diversion	22	27	52	57	77	87	108	99	68	39	33	28	697
1 well - SW ¹ / ₄ NW ¹ / ₄ NE ¹ / ₄ , Sec. 15, T. 9 N., R. 20 W., G&SRM	Return													<u>1/</u>
	Consumptive Use													

DIVERSIONS FROM MAINSTREAM - AVAILABLE RETURN FLOW

V(B)

AND CONSUMPTIVE USE OF SUCH WATER

CALENDAR YEAR 1972

STATE OF ARIZONA

Sheet 2 of 4
Final Records
(ACRE - FEET)

Water User		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTALS
Colorado River Indian Agency														
Diversion at Headgate Rock Dam	Diversion	14,570	55,630	62,390	62,790	72,460	70,060	79,760	72,730	59,620	37,400	33,890	38,260	659,560
Pumped from 2 wells at Parker	Diversion	3	3	3	3	4	4	4	4	4	3	3	3	41
SW $\frac{1}{4}$ NE $\frac{1}{4}$ SE $\frac{1}{4}$, Sec. 2, T. 9 N., R. 20 W., G&SRM														
1 well at Valley Field Office	Diversion	1	1	1	1	1	1	1	1	1	1	1	1	12
NW $\frac{1}{4}$ NE $\frac{1}{4}$ NW $\frac{1}{4}$, Sec. 1, T. 8 N., R. 21 W., G&SRM														
3 wells at Poston	Diversion	2	3	3	3	4	4	4	4	4	3	3	3	40
NW $\frac{1}{4}$, Sec. 36, T. 8 N., R. 21 W., G&SRM														
3 pumps	Diversion 3/	823	892	1,875	1,618	2,269	1,194	1,500	1,287	1,518	440	630	915	14,961
SW $\frac{1}{4}$ SW $\frac{1}{4}$ NE $\frac{1}{4}$, Sec. 14, T. 5 N., R. 22 W., G&SRM														
3 pumps	Diversion 3/	188	311	333	294	351	59	67	77	254	143	0	137	2,214
NE $\frac{1}{4}$ SW $\frac{1}{4}$ NW $\frac{1}{4}$, Sec. 14, T. 4 N., R. 22 W., G&SRM														
	Return	20,340	26,960	37,780	32,950	37,370	36,080	37,920	38,500	38,980	39,330	30,160	31,240	407,610
	Consumptive Use	-4,753	29,880	26,825	31,759	37,719	35,242	43,416	35,603	22,421	-1,340	4,367	8,079	269,218
Imperial National Wildlife Refuge														
2 wells	Diversion													154 2/
NW $\frac{1}{4}$ NW $\frac{1}{4}$ NW $\frac{1}{4}$, Sec. 13, T. 5 S., R. 22 W., G&SRM														
SW $\frac{1}{4}$ NE $\frac{1}{4}$ SW $\frac{1}{4}$, Sec. 13, T. 5 S., R. 22 W., G&SRM														
	Return													1/
	Consumptive Use													
Yuma Proving Ground, U. S. Army														
Diversion at Imperial Dam	Diversion	0	0	5	0	3	3	.1	0	3	2	0	2	19
	Return													1/
	Consumptive Use													
North Gila Valley Irrigation District														
Diversion at Imperial Dam	Diversion	1,880	4,923	3,576	4,910	5,803	5,245	6,061	5,689	5,487	1,763	3,039	2,697	51,073
	Return	362	419	396	391	585	481	542	680	1,068	538	396	502	6,360
	Consumptive Use	1,518	4,504	3,180	4,519	5,218	4,764	5,519	5,009	4,419	1,225	2,643	2,195	44,713
Warren Act Contractors Outside Gila Project Districts														
Diversion at Imperial Dam	Diversion	0	0	93	69	0	0	0	12	106	141	60	224	705
	Return													
	Consumptive Use													

DIVERSIONS FROM MAINSTREAM - AVAILABLE RETURN FLOW

V(B)

AND CONSUMPTIVE USE OF SUCH WATER

CALENDAR YEAR 1972

STATE OF ARIZONA

Sheet 3 of 4
Final Records
(ACRE - FEET)

Water User		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTALS
Wellton-Mohawk Irrigation and Drainage District														
Diversions at Imperial Dam	Diversions	17,816	33,567	49,539	53,075	60,840	54,079	64,565	68,337	48,196	13,361	16,066	20,707	500,148
	Returns	18,500	16,620	17,830	16,910	16,670	12,630	17,440	17,910	17,730	18,390	17,890	18,110	206,630
	Consumptive Use	-684	16,947	31,709	36,165	44,170	41,449	47,125	50,427	30,466	-5,029	-1,824	2,597	293,518
Yuma Irrigation District														
Diversions at Imperial Dam	Diversions	2,118	5,508	4,537	5,260	5,997	4,751	6,501	6,259	4,236	3,205	2,659	2,500	53,531
Pumped from Private Wells	Diversions	808	1,123	2,446	2,791	2,528	2,438	1,868	2,030	1,573	522	536	610	19,273
	Returns													
	Consumptive Use													
Yuma Mesa Irrigation and Drainage District														
Diversions at Imperial Dam	Diversions	10,512	11,518	17,298	18,639	26,161	26,993	32,017	32,982	21,934	8,815	10,505	12,454	229,828
	Returns													
	Consumptive Use													
Unit "B" Irrigation and Drainage District														
Diversions at Imperial Dam	Diversions	1,861	1,992	2,948	2,535	4,558	4,758	5,300	5,595	3,740	1,526	1,754	1,894	38,461
	Returns													
	Consumptive Use													
Returns from South Gila Valley	Returns	4,453	5,153	8,851	7,568	1,374	2,710	8,346	8,393	6,933	1,544	1,951	5,005	62,281
City of Yuma														
Diversions at Imperial Dam	Diversions	771	713	983	1,073	1,219	1,353	1,593	1,475	1,307	756	747	712	12,702
	Returns	3	27	30	12	3	24	28	35	8	1	27	19	217
	Consumptive Use	768	686	953	1,061	1,216	1,329	1,565	1,440	1,299	755	720	693	12,485
Yuma County Water Users' Association														
Diversions at Imperial Dam	Diversions	20,773	23,812	28,739	34,662	33,258	32,700	36,407	30,942	30,100	11,330	17,261	15,248	315,232
Pumped from wells	Diversions	1,032	801	918	868	917	769	977	833	875	829	738	679	10,236
	Returns	11,057	11,342	12,193	11,973	12,383	11,662	11,500	11,687	10,816	11,728	10,128	10,011	136,480
	Consumptive Use	10,748	13,271	17,464	23,557	21,792	21,807	25,884	20,088	20,159	431	7,871	5,916	188,988
Cocopah Indian Reservation														
Diversions at Imperial Dam	Diversions	75	130	83	73	82	135	163	53	83	0	0	53	930
Pumped from wells	Diversions	4	4	3	2	2	3	4	1	2	0	0	2	27
	Returns													
	Consumptive Use													
Other Users Pumping from Colorado River and wells in flood plain														
Davis Dam to International Boundary	Diversions	4,621	5,679	9,667	8,872	10,513	10,123	10,684	8,472	7,559	5,010	4,654	4,162	90,016
	Returns													
	Consumptive Use													

DIVERSIONS FROM MAINSTREAM - AVAILABLE RETURN FLOW

V(B)

AND CONSUMPTIVE USE OF SUCH WATER

CALENDAR YEAR 1972

STATE OF ARIZONA

Sheet 4 of 4
Final Records
(ACRE - FEET)

		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTALS
ARIZONA TOTALS	Diversion	78,437	147,433	187,743	201,793	231,590	222,927	256,695	242,740	193,328	89,913	98,148	108,105	2,059,006
	Return	54,715	60,521	77,080	69,804	68,385	63,587	75,776	77,205	75,535	72,591	62,722	65,760	823,681
	Consumptive Use	23,722	86,912	110,663	131,989	163,205	159,340	180,919	165,535	117,793	17,322	35,426	42,345	1,235,325

Note: The term "consumptive use" in this tabulation means measured diversion less measured return to the river.

- 1/ No surface returns.
- 2/ Monthly distribution not available.
- 3/ Calculated from monthly power records.
- 4/ Includes 86,304 acre-feet delivered to Mexico in excess of minimum treaty requirements pursuant to provisions of Minute No. 218.
- 5/ Pumped from underground and unassigned to districts as returns include quantities of drainage from Yuma Mesa as well as from South Gila Valley.
- 6/ Includes deliveries to the following water users who have contracts with the United States.

1,203,043
So 7/8

Contractor	Point of Delivery	Annual Delivery
City of Yuma	B3.7 Lateral	31
Desert Lawn Memorial	B3.7 Lateral	92
Southern Pacific Company	B3.7 Lateral	12
Southern Pacific Company	After bay of Yuma Mesa Pumping Plant	48
Ritz Distribution Company	B3.7 Lateral	2
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	2,044
Total		2,251

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

University of Arizona	B Main Canal	859
Camille Allec, Jr.	B-8 Lateral	97

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

Yuma Union High School District	Yuma Main Canal	244
City of Yuma - Smucker Park	Yuma Main Canal	138

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

10/ Details on Arizona Supplemental Sheets 1-5.

11/ The total is 154 acre-feet less than the sum of the monthly totals because of nonavailability of monthly distribution of item footnoted 2/

DIVERSIONS FROM MAINSTREAM - AVAILABLE RETURN FLOW

AND CONSUMPTIVE USE OF SUCH WATER

CALENDAR YEAR 1972

STATE OF ARIZONA

V(B)

Supplemental Sheet 1 of 5
Other users pumping from
Colorado River and wells
in flood plain

(ACRE - FEET)

		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTALS <u>1/</u>
Arkelian Farms 2 Pumps SE $\frac{1}{4}$ SE $\frac{1}{4}$ SW $\frac{1}{4}$ sec.34, T.4 N., R.22 W., G and SRM	Diversion	13	570	1,510	15	700	887	420	949	642	1,396	51	61	7,214 <u>2/</u>
Arkelian Farms 1 Well SW $\frac{1}{4}$ SW $\frac{1}{4}$ SE $\frac{1}{4}$ sec.34, T.4 N., R.22 W., G and SRM	Diversion	0	58	131	27	11	0	0	153	37	202	36	120	775 <u>2/</u>
Arkelian Farms 2 Pumps SE $\frac{1}{4}$ NW $\frac{1}{4}$ SE $\frac{1}{4}$ sec.16, T.3 N., R.22 W., G and SRM	Diversion													2,400 <u>2/</u>
Van Horn, George 2 Pumps SE $\frac{1}{4}$ SW $\frac{1}{4}$ NE $\frac{1}{4}$ sec.28, T.3 N., R.22 W., G and SRM NE $\frac{1}{4}$ SW $\frac{1}{4}$ NE $\frac{1}{4}$ sec.28, T.3 N., R.22 W., G and SRM	Diversion													330
Sprall, Wayne 1 Pump SE $\frac{1}{4}$ SW $\frac{1}{4}$ NW $\frac{1}{4}$ sec.21, T.1 N., R.23 W., G and SRM	Diversion													2,700
Cibola Valley Irrigation and Drainage District 3 Pumps SE $\frac{1}{4}$ SE $\frac{1}{4}$ NE $\frac{1}{4}$ sec.20, T.1 N., R.23 W., G and SRM	Diversion	1,116	992	2,035	1,989	2,647	3,323	3,261	1,406	1,882	0	1,256	993	20,900
Woodward 1 Pump SW $\frac{1}{4}$ NW $\frac{1}{4}$ NE $\frac{1}{4}$ sec.2, T.1 S., R.24 W., G and SRM	Diversion													2,724
Snitzer and Cockrell 1 Pump NW $\frac{1}{4}$ NW $\frac{1}{4}$ SW $\frac{1}{4}$ sec.1, T.2 S., R.24 W., G and SRM	Diversion													2,160
Snitzer and Cockrell 1 Pump NW $\frac{1}{4}$ SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec.31, T.1 S., R.23 W., G and SRM	Diversion													2,460
Subtotals - Davis Dam to Imperial Dam	Diversions <u>3/</u> Diversions <u>4/</u>	1,129 499	1,620 717	3,676 1,625	2,031 898	3,358 1,484	4,210 1,861	3,681 1,630	2,508 1,109	2,561 1,132	1,598 706	1,343 594	1,174 519	28,889 12,774

DIVERSIONS FROM MAINSTREAM - AVAILABLE RETURN FLOW

AND CONSUMPTIVE USE OF SUCH WATER

CALENDAR YEAR 1972

STATE OF ARIZONA

V(B)

Supplemental Sheet 2 of 5
Other users pumping from
Colorado River and wells
in flood plain

(ACRE - FEET)

	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTALS <u>1/</u>
Pratt, Loren 1 Well SW $\frac{1}{4}$ NW $\frac{1}{4}$ NE $\frac{1}{4}$ sec.14, T.7 S., R.22 W., G and SRM													450
1 Pump EE $\frac{1}{4}$ SW $\frac{1}{4}$ NW $\frac{1}{4}$ sec.14, T.7 S., R.22 W., G and SRM													
Sturges, Steve 7 Wells Sec.18, T.8 S., R.21 W., and Sec.13&14, T.8 S., R.22 W., G and SRM	1,247	1,393	1,823	2,298	2,069	1,012	1,494	1,331	1,002	1,025	1,182	1,009	16,885
Tudor, Tom 1 Well SW $\frac{1}{4}$ NE $\frac{1}{4}$ SE $\frac{1}{4}$ sec.8, T.8 S., R.22 W., G and SRM													1,104
Crowe, James 1 Well SE $\frac{1}{4}$ SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec.7, T.8 S., R.22 W., G and SRM	42	12	67	200	106	44	104	98	146	0	0	0	819 <u>2/</u>
Fletcher and Moenk 1 Well SE $\frac{1}{4}$ NW $\frac{1}{4}$ SW $\frac{1}{4}$ sec.18, T.8 S., R.22 W., G and SRM	234	214	273	334	395	434	408	443	294	150	141	188	3,508 <u>2/</u>
Fletcher and Moenk 2 Wells SE $\frac{1}{4}$ SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec.18, T.8 S., R.22 W., G and SRM Lot 20, sec.31, T.16 S., R.23 E., SRM 1 Pump SE $\frac{1}{4}$ SE $\frac{1}{4}$ NE $\frac{1}{4}$ sec.24, T.8 S., R.23 W., G and SRM													620
Shattuck and Whitman Ranch 1 Well SE $\frac{1}{4}$ NE $\frac{1}{4}$ SW $\frac{1}{4}$ sec.24, T.8 S., R.22 W., G and SRM	12	11	22	5	12	1	0	0	11	0	0	0	74 <u>2/</u>
Harp, Earl 1 Well SE $\frac{1}{4}$ NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec.13, T.8 S., R.23 W., G and SRM													1,080
Mauldin Farms 1 Well SE $\frac{1}{4}$ SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec.19, T.8 S., R.22 W., G and SRM	58	59	48	116	35	78	209	128	82	31	29	49	922 <u>2/</u>
Mauldin Farms 1 Well SW $\frac{1}{4}$ SW $\frac{1}{4}$ SE $\frac{1}{4}$ sec.24, T.8 S., R.23 W., G and SRM	31	13	74	123	90	131	146	143	147	8	51	44	1,001 <u>2/</u>
Mauldin Farms 1 Well NE $\frac{1}{4}$ SE $\frac{1}{4}$ SW $\frac{1}{4}$ sec.23, T.8 S., R.23 W., G and SRM	23	13	118	120	124	95	28	99	133	24	38	0	815 <u>2/</u>

Footnotes are on page 15

DIVERSIONS FROM MAINSTREAM - AVAILABLE RETURN FLOW

AND CONSUMPTIVE USE OF SUCH WATER

CALENDAR YEAR 1972

STATE OF ARIZONA

V(B)

Supplemental Sheet 3 of 5
Other users pumping from
Colorado River and wells
in flood plain

(ACRE - FEET)

		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTALS	1/
Bruce Church Company 1 Well SW $\frac{1}{4}$ SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec.22, T.8 S., R.23 W., G and SRM	Diversion	12	6	38	35	43	21	0	0	0	0	0	0	155	2/
Power, Pete 1 Well NW $\frac{1}{4}$ NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec.31, T.16 S., R.23 E., SEM	Diversion													684	
Mauldin, Lee 1 Well NE $\frac{1}{4}$ SE $\frac{1}{4}$ SW $\frac{1}{4}$ sec.28, T.16 S., R.22 E., SEM	Diversion													10	2/
Curtis, Armon 1 Pump SW $\frac{1}{4}$ NE $\frac{1}{4}$ SE $\frac{1}{4}$ sec.29, T.16 S., R.22 E., SEM	Diversion	28	12	28	24	25	49	28	7	0	0	0	0	201	2/
Power, Bill 1 Pump SW $\frac{1}{4}$ SW $\frac{1}{4}$ NE $\frac{1}{4}$ sec.30, T.16 S., R.22 E., SEM	Diversion													2,430	
Hall, Ansil 1 Pump NW $\frac{1}{4}$ SW $\frac{1}{4}$ NW $\frac{1}{4}$ sec.36, T.16 S., R.21 E., SEM	Diversion													330	
Yucca Power Plant 2 Wells NE $\frac{1}{4}$ NW $\frac{1}{4}$ SW $\frac{1}{4}$ sec.36, T.16 S., R.21 E., SEM NE $\frac{1}{4}$ SW $\frac{1}{4}$ NW $\frac{1}{4}$ sec.36, T.16 S., R.21 E., SEM	Diversion	76	86	56	34	66	75	82	82	69	54	92	81	853	2/
Burrell 1 Well NW $\frac{1}{4}$ NE $\frac{1}{4}$ NW $\frac{1}{4}$ sec.33, T.8 S., R.24 W., G and SRM	Diversion													180	
Cannon, J. O. 1 Well NW $\frac{1}{4}$ NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec.25, T.9 S., R.25 W., G and SRM	Diversion													600	
Hudson, C. A. 1 Well SE $\frac{1}{4}$ NE $\frac{1}{4}$ NW $\frac{1}{4}$ sec.19, T.9 S., R.24 W., C and SRM	Diversion	25	52	95	81	118	19	124	283	202	145	2	84	1,230	2/
Hudson, C. A. 1 Well NE $\frac{1}{4}$ SE $\frac{1}{4}$ NW $\frac{1}{4}$ sec.19, T.9 S., R.24 W., G and SRM	Diversion	18	38	68	59	84	10	71	209	148	108	1	63	877	2/

DIVERSIONS FROM MAINSTREAM - AVAILABLE RETURN FLOW
AND CONSUMPTIVE USE OF SUCH WATER
CALENDAR YEAR 1972
STATE OF ARIZONA

V(B)
Supplemental Sheet 4 of 5
Other users pumping from
Colorado River and wells
in flood plain

(ACRE - FEET)

		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTALS
Hudson, C. A. 1 Well NW $\frac{1}{4}$ SE $\frac{1}{4}$ NW $\frac{1}{4}$ sec.19, T.9 S., R.24 W., G and SRM	Diversion	17	38	68	58	83	13	92	207	147	107	0	63	893 <u>1/</u>
Moore, Howard 1 Well NE $\frac{1}{4}$ NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec.36, T.9 S., R.25 W., G and SRM	Diversion	179	157	297	335	328	263	330	276	156	106	163	309	2,899 <u>2/</u>
Brand, Wayne 1 Well NE $\frac{1}{4}$ NW $\frac{1}{4}$ NE $\frac{1}{4}$ sec.35, T.9 S., R.25 W., G and SRM	Diversion													858
Sibley, Phil 1 Well NE $\frac{1}{4}$ NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec.1, T.10 S., R.25 W., G and SRM	Diversion	254	137	203	475	425	384	447	18	0	251	262	0	2,856 <u>2/</u>
Sibley, Phil 1 Well NE $\frac{1}{4}$ SE $\frac{1}{4}$ SW $\frac{1}{4}$ sec.2, T.10 S., R.25 W., G and SRM	Diversion													1,134
Sibley, Phil 1 Well NW $\frac{1}{4}$ SE $\frac{1}{4}$ NE $\frac{1}{4}$ sec.14, T.10 S., R.25 W., G and SRM	Diversion	7	106	42	160	105	120	88	41	0	6	122	0	797 <u>2/</u>
Daniel, A. T. 1 Pump SW $\frac{1}{4}$ SW $\frac{1}{4}$ NE $\frac{1}{4}$ sec.23, T.10 S., R.25 W., G and SRM	Diversion													360
Cummings, C. and J. 1 Well NW $\frac{1}{4}$ NE $\frac{1}{4}$ NW $\frac{1}{4}$ sec.26, T.10 S., R.25 W., G and SRM	Diversion													816
Barkley, J. 1 Well NE $\frac{1}{4}$ NW $\frac{1}{4}$ SW $\frac{1}{4}$ sec.35, T.10 S., R.25 W., G and SRM	Diversion													360
Brown, Willis A. 1 Well NE $\frac{1}{4}$ NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec.2, T.11 S., R.25 W., G and SRM	Diversion													804 <u>2/</u>
Hughes, Earl 1 Well SW $\frac{1}{4}$ NE $\frac{1}{4}$ SE $\frac{1}{4}$ sec.3, T.11 S., R.25 W., G and SRM	Diversion	74	263	91	117	210	161	265	166	253	60	57	31	1,748 <u>2/</u>

DIVERSIONS FROM MAINSTREAM - AVAILABLE RETURN FLOW
AND CONSUMPTIVE USE OF SUCH WATER
CALENDAR YEAR 1972
STATE OF ARIZONA

V(B)
Supplemental Sheet 5 of 5
Other users pumping from
Colorado River and wells
in flood plain

(ACRE - FEET)

		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTALS
Subtotals - Imperial Dam to Boundary	Diversion ^{3/}	2,337	2,610	3,411	4,574	4,318	2,910	3,916	3,531	2,790	2,075	2,140	1,921	36,533
	Diversion ^{2/}	656	732	955	1,369	1,353	1,142	1,457	1,324	1,076	631	577	548	11,820
Total - Other Arizona Users Pumping from Colorado River and wells in flood plain Davis Dam to International Boundary included in Arizona Totals on page	Diversion	4,621	5,679	9,667	8,872	10,513	10,123	10,684	8,472	7,559	5,010	4,654	4,162	

Footnotes:

- ^{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 average 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.
- ^{5/} Record furnished by diverter.

DIVERSIONS FROM MAINSTREAM - AVAILABLE RETURN FLOW

V(B)

AND CONSUMPTIVE USE OF SUCH WATER

CALENDAR YEAR 1971

STATE OF ARIZONA

Final Records
(ACRE - FEET)

WATER USER		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTALS
<u>Revisions to 1971 Report</u>														
Havasas National Wildlife Refuge														
Outlet - SW ₁ SW ₁ SE ₁ , Sec. 27, T. 16 N.,	Return	0	0	0	0	0	0	0	0	2,710	385	0	0	3,095
R. 21 W., G&SRM	Consumptive Use													32,424
City of Yuma														
Diversion at Imperial Dam	Diversion	656	624	831	872	1,049	1,070	1,604	1,355	1,242	868	738	611	11,520
	Return	-3	35	23	41	36	24	48	57	30	20	19	25	355
	Consumptive Use	659	589	808	831	1,013	1,046	1,556	1,298	1,212	848	719	586	11,165
Yuma County Water Users' Association														
Diversion at Imperial Dam	Diversion	16,684	24,203	28,141	30,917	31,714	30,709	39,442	33,003	30,615	22,912	15,710	10,447	314,497 8/
Pumped from wells	Diversion	1,005	808	899	882	1,133	886	1,017	871	971	958	888	926	11,244
	Return 9/	11,017	10,988	12,149	11,723	12,140	12,289	12,090	12,326	12,549	12,944	12,449	11,132	143,796
	Consumptive Use	6,672	14,023	16,891	20,076	20,707	19,306	28,369	21,548	19,037	10,926	4,149	241	181,945
Cocopah Indian Reservation														
Diversion at Imperial Dam	Diversion	66	107	74	104	52	75	238	98	48	0	5	74	941
Pumped from wells	Diversion	4	4	2	3	2	2	6	3	2	0	0	7	35
	Return													2/
	Consumptive Use													
ARIZONA TOTALS	Diversion	87,526	142,676	184,665	209,483	215,183	212,352	256,895	226,522	212,785	133,435	107,933	97,781	2,085,276 11/
	Return	52,669	54,664	70,865	67,530	64,965	63,018	71,242	74,599	68,891	68,746	65,704	69,959	788,852
	Consumptive Use	34,857	88,012	113,800	141,953	150,218	149,334	185,653	151,923	143,894	64,689	42,229	31,822	1,296,424 11/

1203,043
see 74

DIVERSIONS FROM MAINSTREAM - AVAILABLE RETURN FLOW

V(B)

AND CONSUMPTIVE USE OF SUCH WATER

CALENDAR YEAR 1972

STATE OF CALIFORNIA

Sheet 1 of 2
Final Records
(ACRE FEET)

WATER USER		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTALS
City of Needles 4 Wells - NW $\frac{1}{4}$ SW $\frac{1}{4}$, Sec. 29, T. 9 N., R. 23 E., SBM	Diversion	111	140	218	261	284	315	425	522	387	218	142	118	3,141
	Return	16	17	55	55	58	101	107	95	69	48	29	27	677
	Consumptive Use	95	123	163	206	226	214	318	427	318	170	113	91	2,464
Metropolitan Water District of Southern California Diversion from Lake Havasu	Diversion	107,209	100,147	107,934	96,414	109,117	103,494	115,473	113,591	102,879	107,734	97,353	50,655	1,212,000
	Return													
	Consumptive Use													
Parker Dam and Government Camp Diversion at Parker Dam	Diversion	14	13	14	33	36	34	36	34	33	10	9	10	276
	Return			1		1	1	1	1				1	6
	Consumptive Use	14	13	13	33	35	33	35	33	33	10	9	9	270
Palo Verde Irrigation District Diversion at Palo Verde Diversion Dam	Diversion	38,860	59,740	79,930	95,600	96,560	91,460	112,500	94,100	77,930	33,350	50,550	55,640	886,220
	Return	28,410	30,420	34,880	37,560	41,620	38,340	39,920	41,210	40,780	41,540	33,960	37,940	446,580
	Consumptive Use	10,450	29,320	45,050	58,040	54,940	53,120	72,580	52,890	37,150	-8,190	16,590	17,700	439,640
City of Blythe 10 Wells - in Sections 29, 32, and 33, T. 6 S., R. 23 E., SBM	Diversion	238	209	259	324	349	430	604	420	415	220	139	153	3,760
	Return													
	Consumptive Use													
East Blythe County Water District Pumped for domestic use from two wells, one in in 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 Section 33, T. 6 S., R. 23 E., SBM	Diversion	28	28	34	42	45	50	56	64	52	36	27	28	490
	Return													
	Consumptive Use													
Yuma Project Reservation Division, Indian Unit Diversion at Imperial Dam	Diversion	1,991	3,197	4,431	4,738	3,199	2,681	4,774	3,008	3,277	1,567	2,490	1,939	37,292
	Return													
	Consumptive Use													
Yuma Project Reservation Division, Bard Unit Diversion at Imperial Dam	Diversion	2,742	3,111	4,613	5,021	5,901	5,495	6,088	5,400	3,261	1,947	3,329	2,108	49,016
	Return													
	Consumptive Use													
Returns from Yuma Project Reservation Division Drains	Returns 2/	2,030	1,777	2,119	2,198	2,620	1,993	2,066	1,775	2,014	1,927	1,944	1,806	24,269

DIVERSIONS FROM MAINSTREAM - AVAILABLE RETURN FLOW

V(B)

AND CONSUMPTIVE USE OF SUCH WATER

CALENDAR YEAR 1972

STATE OF CALIFORNIA

Sheet 2 of 2
Final Records
(ACRE - FEET)

WATER USER		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTALS
Imperial Irrigation District Diversion at Imperial Dam	Diversion	213,364	199,072	301,139	320,356	303,886	273,223	303,757	281,853	268,640	162,973	157,613	180,034	2,965,910
	Return													
	Consumptive Use													
Coachella Valley County Water District Diversion at Imperial Dam	Diversion	33,500	28,960	41,969	45,435	55,024	49,126	61,691	57,140	44,548	34,954	27,632	31,497	511,476
	Return													
	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													87
	Return													
	Consumptive Use													
Other California Users Pumping from Colorado River and wells in flood plain - Davis Dam to International Boundary ^{1/}	Diversion	1,431	1,617	3,390	3,540	3,929	3,170	4,103	4,328	3,370	1,448	698	1,475	32,499
	Return													
	Consumptive Use													
CALIFORNIA TOTALS	Diversion	399,488	396,234	543,931	571,764	578,330	529,478	609,507	560,460	504,792	344,457	339,982	323,657	5,702,167
	Return	30,456	32,214	37,055	39,813	44,299	40,435	42,094	43,081	42,863	43,515	35,933	39,774	471,532
	Consumptive Use	369,032	364,020	506,876	531,951	534,031	489,043	567,413	517,379	461,929	300,942	304,049	283,883	5,230,635

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

Footnotes

- 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 1-8.
- 5/ The total is 87 acre-feet greater than the sum of the monthly totals because of nonavailability of monthly distribution of diversions by City of Winterhaven.

DIVERSIONS FROM MAINSTREAM - AVAILABLE RETURN FLOW

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Supplemental Sheet 1 of 5
Other users pumping from
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(ACRE - FEET)

		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTALS <u>1/</u>
Williams, Floyd	Diversion													498
1 Well														
SE $\frac{1}{4}$ NE $\frac{1}{4}$ SW $\frac{1}{4}$ sec.36, T.11 N., R.21 E., SBM														
Williams, Floyd	Diversion													618
1 Well														
NW $\frac{1}{4}$ NW $\frac{1}{4}$ SE $\frac{1}{4}$ sec.36, T.11 N., R.21 E., SBM														
Williams, Floyd	Diversion													684
1 Well														
NE $\frac{1}{4}$ NW $\frac{1}{4}$ sec.31, T.11 N., R.22 E., SBM														
Southern California Gas Company	Diversion													184 <u>2/</u>
2 Wells														
SE $\frac{1}{4}$ SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec.29, T.9 N., R.23 E., SBM														
P. G. and E. Compressor Station	Diversion													84 <u>2/</u>
1 Well (diversion in Arizona)														
NW $\frac{1}{4}$ NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec.2, T.15 N., R.21 W., G and SRM														
Crevolin, A. A.	Diversion	182	252	264	279	293	281	386	338	330	184	128	104	3,021 <u>3/</u>
1 Well														
NE $\frac{1}{4}$ SE $\frac{1}{4}$ SW $\frac{1}{4}$ sec.10, T.1 S., R.24 E., SBM														
1 Well														
SE $\frac{1}{4}$ SW $\frac{1}{4}$ NW $\frac{1}{4}$ sec.10, T.1 S., R.24 E., SBM														
1 Well														
SE $\frac{1}{4}$ SW $\frac{1}{4}$ NW $\frac{1}{4}$ sec.10, T.1 S., R.24 E., SBM														
Iye, R. L.	Diversion	4	5	9	10	11	15	18	19	16	5	6	6	124 <u>3/</u>
1 Well														
SE $\frac{1}{4}$ NE $\frac{1}{4}$ NW $\frac{1}{4}$ sec.16, T.1 S., R.24 E., SBM														
Haaker, Martha	Diversion	0	0	0	0	33	25	29	45	0	1	0	0	133 <u>3/</u>
1 Well														
SW $\frac{1}{4}$ NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec.14, T.3 S., R.23 E., SBM														
Cox, Norman	Diversion	24	46	39	40	61	43	51	45	53	7	0	35	444 <u>3/</u>
1 Pump														
SW $\frac{1}{4}$ NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec.13, T.3 S., R.23 E., SBM														
Cox, Norman	Diversion	168	30	290	268	362	371	472	421	490	68	0	180	3,120 <u>3/</u>
1 Pump														
SW $\frac{1}{4}$ SE $\frac{1}{4}$ NW $\frac{1}{4}$ sec.13, T.3 S., R.23 E., SBM														

DIVERSIONS FROM MAINSTREAM - AVAILABLE RETURN FLOW
AND CONSUMPTIVE USE OF SUCH WATER
CALENDAR YEAR 1972
STATE OF CALIFORNIA

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Supplemental Sheet 2 of 5
Other users pumping from
Colorado River and wells
in flood plain

(ACRE - FEET)

		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTALS <u>1/</u>
Cox, Norman 1 Pump NE $\frac{1}{4}$ SW $\frac{1}{4}$ SE $\frac{1}{4}$ sec.13, T.3 S., R.23 E., SBM	Diversion	91	81	78	166	211	192	204	244	237	5	0	117	1,626 <u>3/</u>
Curtis Ranch 1 Pump NE $\frac{1}{4}$ SW $\frac{1}{4}$ SE $\frac{1}{4}$ sec.25, T.3 S., R.23 E., SBM	Diversion	0	0	83	89	50	0	18	187	217	76	0	0	720 <u>3/</u>
Lions 1 Pump SE $\frac{1}{4}$ SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec.11, T.4 S., R.23 E., SBM	Diversion	0	0	91	54	68	0	75	90	67	28	0	0	473 <u>3/</u>
Clark, Robert 1 Pump SE $\frac{1}{4}$ SE $\frac{1}{4}$ NW $\frac{1}{4}$ sec.36, T.4 S., R.23 E., SBM	Diversion	48	79	90	149	176	155	223	221	62	90	16	15	1,324 <u>3/</u>
Wagon Wheel Cattle Company 5 Pumps NW $\frac{1}{4}$ SE $\frac{1}{4}$ NW $\frac{1}{4}$ sec.6, T.5 S., R.24 E., SBM NW $\frac{1}{4}$ SE $\frac{1}{4}$ NW $\frac{1}{4}$ sec.6, T.5 S., R.24 E., SBM NW $\frac{1}{4}$ SE $\frac{1}{4}$ NW $\frac{1}{4}$ sec.6, T.5 S., R.24 E., SBM NE $\frac{1}{4}$ NW $\frac{1}{4}$ SE $\frac{1}{4}$ sec.7, T.5 S., R.24 E., SBM NE $\frac{1}{4}$ NW $\frac{1}{4}$ SE $\frac{1}{4}$ sec.7, T.5 S., R.24 E., SBM	Diversion													1,080 <u>3/</u>
Subtotals - Davis Dam to Imperial Dam	Diversion <u>4/</u>	517	493	944	1,055	1,265	1,082	1,476	1,610	1,472	464	150	457	10,985
	Diversion <u>5/</u>	148	141	270	302	363	310	423	461	422	133	44	131	3,148
	D	111	87	151	122	199	241	213	253	199	166	118	116	
Spencer and Franklin 1 Well SW $\frac{1}{4}$ SE $\frac{1}{4}$ NE $\frac{1}{4}$ sec.35, T.15 S., R.23 E., SBM	Diversion													636
Gertz 1 Well SW $\frac{1}{4}$ SE $\frac{1}{4}$ SW $\frac{1}{4}$ sec.35, T.15 S., R.23 E., SBM	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., SBM	Diversion	92	39	153	197	162	193	264	193	193	39	149	202	1,876 <u>3/</u>

DIVERSIONS FROM MAINSTREAM - AVAILABLE RETURN FLOW

AND CONSUMPTIVE USE OF SUCH WATER

CALENDAR YEAR 1972

STATE OF CALIFORNIA

V(B)

Supplemental Sheet 3 of 5
Other users pumping from
Colorado River and wells
in flood plain

(ACRE - FEET)

	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTALS	
Power, Pete 1 Pump NE $\frac{1}{4}$ NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec.15, T.16 S., R.23 E., SBM 1 Pump NW $\frac{1}{4}$ SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec.14, T.16 S., R.23 E., SBM													1,992	
Mitchell, Heyden 1 Well SE $\frac{1}{4}$ SE $\frac{1}{4}$ NW $\frac{1}{4}$ sec.22, T.16 S., R.23 E., SBM	71	26	62	79	83	62	50	95	2	43	3	19	595	3/
Slade 1 Well NE $\frac{1}{4}$ SE $\frac{1}{4}$ SW $\frac{1}{4}$ sec.6, T.8 S., R.22 W., G and SRM													1,440	
Harp, Robert 1 Well SE $\frac{1}{4}$ SW $\frac{1}{4}$ NW $\frac{1}{4}$ sec.6, T.8 S., R.22 W., G and SRM													840	
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., SBM	0	21	86	57	97	72	110	79	63	46	0	34	665	3/
Coley, Marvin 1 Well SE $\frac{1}{4}$ SE $\frac{1}{4}$ SW $\frac{1}{4}$ sec.18, T.16 S., R.23 E., SBM	0	41	53	31	89	57	0	31	28	0	0	0	330	3/
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 and SRM	0	5	5	5	6	5	10	12	8	7	1	0	64	3/
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 and SRM	17	41	79	91	120	103	103	124	124	91	4	33	930	3/
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 and SRM	48	12	125	105	64	39	38	23	4	4	0	0	462	3/
Harp, Robert 1 Well NE $\frac{1}{4}$ SE $\frac{1}{4}$ SW $\frac{1}{4}$ sec.2, T.8 S., R.23 W., G and SRM	70	16	161	185	154	41	116	97	32	16	0	0	888	3/
Harp, Robert 1 Well NE $\frac{1}{4}$ NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec.12, T.8 S., R.23 W., G and SRM	43	16	45	80	40	19	29	16	13	8	8	3	320	3/

DIVERSIONS FROM MAINSTREAM - AVAILABLE RETURN FLOW

AND CONSUMPTIVE USE OF SUCH WATER

CALENDAR YEAR 1972

STATE OF CALIFORNIA

V(B)

Supplemental Sheet 4 of 5
Other users pumping from
Colorado River and wells
in flood plain

(ACRE - FEET)

		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTALS	
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 and SRM	Diversion													720	
Dees, John F. 1 Well SE $\frac{1}{4}$ NE $\frac{1}{4}$ SE $\frac{1}{4}$ sec.1, T.8 S., R.23 W., G and SRM	Diversion													798	
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 and SRM	Diversion	0	0	89	0	0	51	56	53	2	0	0	0	251	3/
Harp, Paul 1 Well SW $\frac{1}{4}$ NE $\frac{1}{4}$ SE $\frac{1}{4}$ sec.12, T.8 S., R.23 W., G and SRM	Diversion													720	
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 and SRM	Diversion	2	183	149	184	195	120	129	145	124	165	5	91	1,492	3/
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 and SRM	Diversion													1,104	
Hughes, Earl 1 Well NE $\frac{1}{4}$ SE $\frac{1}{4}$ SW $\frac{1}{4}$ sec.19, T.16 S., R.23 E., SBM	Diversion	7	99	10	10	47	35	79	111	107	9	11	13	538	3/
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	4	2	1	1	32	5	1	10	12	15	13	11	107	3/
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	36	0	39	66	41	4	42	45	47	8	14	22	364	3/
Hudson, C. A. 1 Pump NE $\frac{1}{4}$ NW $\frac{1}{4}$ SW $\frac{1}{4}$ sec.29, T.16 S., R.22 E., SEM	Diversion	16	20	96	57	59	104	118	127	0	0	59	37	693	3/

DIVERSIONS FROM MAINSTREAM - AVAILABLE RETURN FLOW
AND CONSUMPTIVE USE OF SUCH WATER
CALENDAR YEAR 1972
STATE OF CALIFORNIA

V(B)
Supplemental Sheet 5 of 5
Other users pumping from
Colorado River and wells
in flood plain

(ACRE FEET)

		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTALS ^{1/}
G. and L. Farms 1 Well NW ¹ / ₄ NW ¹ / ₄ NW ¹ / ₄ sec.29, T.16 S., R.22 E., SEM	Diversion	0	0	0	9	30	32	23	35	23	0	0	5	157
Subtotals - Imperial Dam to Boundary	Diversion ^{4/}	406	521	1,153	1,157	1,219	942	1,168	1,196	782	451	267	470	9,732
	Diversion ^{5/}	360	462	1,023	1,026	1,082	836	1,036	1,061	694	400	237	417	8,634
TOTAL - Other California users pumping from Colorado and wells in flood plain Davis Dam to International Boundary included in California totals on page		1,431	1,617	3,390	3,540	3,929	3,170	4,103	4,328	3,370	1,448	698	1,475	32,499

Footnotes

- ^{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

V(B)

AND CONSUMPTIVE USE OF SUCH WATER

CALENDAR YEAR ~~1972~~ 1966

STATE OF CALIFORNIA

Final Records
(ACRE - FEET)

Revisions to 1966

Water User		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTALS
Palo Verde Irrigation District	Diversion	10,920	45,030	77,790	84,610	89,400	101,400	114,500	104,400	90,120	38,450	43,700	37,520	837,840
	Return	19,180	20,120	32,310	36,070	40,040	41,020	47,180	50,000	46,630	38,160	31,610	30,970	433,290
Diversion at Palo Verde Diversion Dam	Consumptive Use	-8,260	24,910	45,480	48,540	49,360	60,380	67,320	54,400	43,490	290	12,090	6,550	404,550
Yuma Project Reservation Division Indian Unit	Diversion	973	2,008	4,867	4,060	4,647	5,223	5,571	6,870	3,742	3,185	2,590	3,560	47,296
Diversion at Imperial Dam	Return	---	---	---	---	---	---	---	---	---	---	---	---	2/
	Consumptive Use	---	---	---	---	---	---	---	---	---	---	---	---	---
Yuma Project Reservation Division Bard Unit	Diversion	735	2,034	5,079	4,788	6,268	7,041	6,381	4,500	2,314	1,866	1,705	2,274	44,985
Diversion at Imperial Dam	Return	---	---	---	---	---	---	---	---	---	---	---	---	2/
	Consumptive Use	---	---	---	---	---	---	---	---	---	---	---	---	---
Imperial Irrigation District	Diversion	103,268	166,626	258,870	311,762	311,025	331,081	325,703	316,681	256,027	230,534	155,749	177,169	2,944,495
Diversion at Imperial Dam	Return	---	---	---	---	---	---	---	---	---	---	---	---	1/
	Consumptive Use	---	---	---	---	---	---	---	---	---	---	---	---	---
CALIFORNIA TOTALS	Diversion	191,808	307,442	477,083	558,660	581,232	608,538	625,054	603,807	506,596	411,997	331,656	350,593	5,554,485
	Return	20,586	21,712	34,259	38,291	42,469	43,528	49,678	52,311	48,552	40,365	33,128	32,680	457,559
	Consumptive Use	171,222	285,730	442,824	520,369	538,763	565,010	575,376	551,496	458,044	371,632	298,528	317,913	5,096,926

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

1/ No surface returns.

2/ Returns unassigned include unknown quantities from the Indian Unit and the Bard Unit in the Reservation Division, but exclude seepage from All-American Canal.

DIVERSIONS FROM MAINSTREAM - AVAILABLE RETURN FLOW
AND CONSUMPTIVE USE OF SUCH WATER
CALENDAR YEAR 1971
STATE OF CALIFORNIA

V(B)

Final Records
(ACRE - FEET)

WATER USER		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTALS
<u>Revisions to 1971 Report</u>														
Yuma Project Reservation Division - Indian Unit Diversion at Imperial Dam	<i>69,502</i> Diversion Return Consumptive Use	1,840	3,722	4,933	4,730	3,323	2,743	4,232	4,330	4,481	3,018	2,474	1,644	41,470 <u>2/</u>
Yuma Project Reservation Division - Bard Unit Diversion at Imperial Dam	<i>2533</i> Diversion Return Consumptive Use	2,570	3,221	4,416	4,871	4,339	5,138	6,272	3,734	4,039	3,185	3,433	2,228	47,446 <u>2/</u>
Imperial Irrigation District Diversion at Imperial Dam	<i>1506</i> Diversion Return Consumptive Use	178,390	202,119	302,853	309,761	280,014	287,550	307,047	260,622	240,857	248,532	181,569	168,593	2,967,907 <u>1/</u>
Coachella Valley County Water District Diversion at Imperial Dam	<i>215</i> Diversion Return Consumptive Use	27,963	28,994	36,869	38,813	47,431	50,720	53,219	53,113	44,962	32,079	26,976	29,544	470,683 <u>1/</u>
CALIFORNIA TOTALS	Diversion Return Consumptive Use	349,518 31,710 317,808	384,495 32,430 352,065	529,817 38,114 491,703	556,836 39,619 517,217	541,628 43,803 497,825	545,994 38,609 507,385	600,619 41,354 559,265	519,851 44,331 475,520	484,505 42,049 442,456	451,010 39,145 411,865	374,971 36,423 338,548	341,033 36,498 304,535	5,680,364 464,085 5,216,279 <u>5/</u>

DIVERSIONS FROM MAINSTREAM - AVAILABLE RETURN FLOW

V(B)

AND CONSUMPTIVE USE OF SUCH WATER

CALENDAR YEAR 1972

STATE OF NEVADA

Sheet 1 of 2
Final Records
(ACRE - FEET)

WATER USER		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTALS
BOULDER CITY														
Diversion at Hoover Dam	Diversion	88	151	220	226	262	269	310	287	197	169	121	106	2,406
Diversion at Saddle Island, Lake Mead <u>1/</u>	Diversion	38	0	27	24	75	110	189	149	89	75	58	23	857
	Return													2/
	Consumptive Use													
LAKE MEAD NATIONAL RECREATION AREA														
Diversion from Lake Mead	Diversion	43	44	63	64	91	101	117	130	99	72	40	34	898
Diversion from Lake Mohave	Diversion													5
	Return													2/
	Consumptive Use													3/
BASIC MANAGEMENT, INC.														
Diversion at Saddle Island, Lake Mead <u>4/</u>	Diversion	1,132	1,076	1,454	1,472	1,725	1,977	2,358	2,198	2,000	1,528	1,312	1,452	19,684
	Return													2/
	Consumptive Use													
CITY OF HENDERSON														
Diversion at Saddle Island, Lake Mead <u>1/</u>	Diversion	0	0	0	0	0	0	0	0	0	0	4	0	4
	Return													2/
	Consumptive Use													
LAS VEGAS VALLEY WATER DISTRICT														
Diversion at Saddle Island, Lake Mead <u>1/</u>	Diversion	1,459	1,495	2,695	2,854	4,489	5,326	5,617	4,979	4,384	3,711	2,698	2,979	42,686
	Return													2/
	Consumptive Use													
JOHNS-MANVILLE SALES CORPORATION														
Diversion at Gypsum Wash	Diversion	40	38	45	39	36	34	43	36	36	46	24	30	447
	Return													2/
	Consumptive Use													
CITY OF NORTH LAS VEGAS														
Diversion at Saddle Island, Lake Mead <u>1/</u>	Diversion	0	28	63	45	76	163	239	291	196	94	69	20	1,284
	Return													2/
	Consumptive Use													
NELLIS AIR FORCE BASE														
Diversion at Saddle Island, Lake Mead	Diversion	19	71	103	123	234	164	306	169	170	158	21	12	1,550
	Return													2/
	Consumptive Use													
RAMELLI, WILLIAM C.														
Lot No. 3, Sec. 13, T. 32 S., R. 66 E., MDB&M	Diversion													3
														2/
														6/

DIVERSIONS FROM MAINSTREAM - AVAILABLE RETURN FLOW

V(B)

AND CONSUMPTIVE USE OF SUCH WATER

CALENDAR YEAR 1972

STATE OF NEVADA

Sheet 2 of 2
Final Records
(ACRE - FEET)

WATER USER		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTALS
RIO ALTO VISTA PROPERTIES Sec. 24, T. 32 S., R. 66 E., MDB&M	Diversion													0 2/
SOUTHERN CALIFORNIA EDISON COMPANY Diversion at Pumping Plant in Sec. 24, T. 32 S., R. 66 E., MDB&M	Diversion	300	251	1,559	978	1,052	1,293	1,242	1,352	1,331	608	268	935	11,169 2/
	Return Consumptive Use													
WIEBKE, 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													0 2/
PORTENIER, WARREN E. 1 Pump W $\frac{1}{2}$, Lot No. 1, Sec. 33, T. 32 S., R. 66 E., MDB&M	Diversion													42 2/
WELLES, JOHN C. 1 Pump E $\frac{1}{2}$, Lot No. 2, Sec. 33, T. 32 S., R. 66 E., MDB&M	Diversion													8 2/
CAVANAGH, MILTON E. 1 Pump W $\frac{1}{2}$, Lot No. 2, Sec. 33, T. 32 S., R. 66 E., MDB&M	Diversion													8 2/
NEVADA TOTALS	Diversion Return Consumptive Use	3,119	3,154	6,229	5,825	8,040	9,437	10,421	9,591	8,502	6,461	4,615	5,591	81,051

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.
- 2/ No surface returns.
- 3/ Diversions too small to tabulate monthly--not included in monthly total.
- 4/ Delivered through the facilities of Basic Management, Inc.
- 5/ Portions of return flow in Las Vegas Wash attributable to Basic Management, Inc., and to Las Vegas Valley Water District are not identified.
- 6/ Reported annually.
- 7/ The total is 66 acre-feet greater than the sum of the monthly totals because of the nonavailability of monthly distribution of items footnoted 3/ and 6/.

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 1972

The following tabulations for calendar year 1972 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 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 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.

RELEASES OF MAINSTREAM WATER PURSUANT TO ORDERS

(C)

BUT NOT DIVERTED BY PARTY ORDERING SAME

AND

QUANTITY OF SUCH WATER DELIVERED TO MEXICO IN SATISFACTION OF MEXICAN TREATY OR DIVERTED BY OTHERS

Sheet 1 of 3
Final Records

CALENDAR YEAR 1972

STATE OF ARIZONA

(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	1,018	569	805	415	775	303	436	424	464	2,017	1,194	1,932	10,352
	Delivered to Mexico in Satisfaction of Treaty	0	0	0	0	0	0	0	0	0	0	0	0	0
	Diverted by Others	89	91	416	177	301	117	172	28	59	508	238	321	2,517
	Delivered to Storage 2/ Delivered to Mexico in Excess of Treaty	929	478	389	238	474	186	264	396	405	1,021	956	1,611	7,347
Yuma Proving Ground, U.S. Army 1/ 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
North Gila Valley Irrigation District Diversion at Imperial Dam	Ordered but not Diverted	706	593	1,031	629	645	773	793	633	531	1,241	748	936	9,259
	Delivered to Mexico in Satisfaction of Treaty	0	0	0	0	0	0	0	0	0	0	0	0	0
	Diverted by Others	178	79	510	345	260	263	311	143	244	317	97	220	2,967
	Delivered to Storage 2/ Delivered to Mexico in Excess of Treaty	528	514	521	284	385	510	482	490	287	623	651	716	5,991
Warren Act Contractors outside 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 Irrigation and Drainage District Diversion at Imperial Dam	Ordered but not Diverted	1,718	1,000	676	603	1,753	1,289	1,319	1,605	2,926	6,976	765	2,162	22,792
	Delivered to Mexico in Satisfaction of Treaty	0	0	0	0	0	0	0	0	0	0	0	0	0
	Diverted by Others	597	298	462	353	466	545	641	528	1,531	2,128	182	994	8,725
	Delivered to Storage 2/ Delivered to Mexico in Excess of Treaty	1,121	702	214	250	1,287	744	678	1,077	1,395	2,392	583	1,168	11,611
		0	0	0	0	0	0	0	0	0	2,456	0	0	2,456

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

(V(C))

AND
QUANTITY OF SUCH WATER DELIVERED TO MEXICO IN SATISFACTION OF MEXICAN TREATY OR DIVERTED BY OTHERS
CALENDAR YEAR 1972
STATE OF ARIZONA

Sheet 2 of 3
Final Records

(ACRE - FEET)

WATER USER		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTALS
Yuma Irrigation District Diversion at Imperial Dam	Ordered but not Diverted	363	345	559	490	410	464	248	381	541	454	196	238	4,689
	Delivered to Mexico in Satisfaction of Treaty	0	0	0	0	0	0	0	0	0	0	0	0	0
	Diverted by Others	77	51	258	212	186	131	69	50	258	111	38	115	1,556
	Delivered to Storage 2/ Delivered to Mexico in Excess of Treaty	286	294	301	278	224	333	179	331	283	248	158	123	3,038
		0	0	0	0	0	0	0	0	0	95	0	0	95
Yuma Mesa Irrigation and Drainage District Diversion at Imperial Dam	Ordered but not Diverted	1,829	744	1,057	1,408	1,492	938	920	998	1,525	4,046	1,228	1,077	17,262
	Delivered to Mexico in Satisfaction of Treaty	0	0	0	0	0	0	0	0	0	0	0	0	0
	Diverted by Others	514	56	412	912	548	278	545	222	569	896	165	159	5,276
	Delivered to Storage 2/ Delivered to Mexico in Excess of Treaty	1,315	688	645	496	944	660	375	776	956	2,265	1,063	918	11,101
		0	0	0	0	0	0	0	0	0	885	0	0	885
Unit B Irrigation and Drainage District Diversion at Imperial Dam	Ordered but not Diverted	440	299	179	386	317	282	682	444	716	210	137	174	4,266
	Delivered to Mexico in Satisfaction of Treaty	0	0	0	0	0	0	0	0	0	0	0	0	0
	Diverted by Others	226	49	92	196	149	50	117	224	296	61	18	81	1,559
	Delivered to Storage 2/ Delivered to Mexico in Excess of Treaty	214	250	87	190	168	232	565	220	420	149	119	93	2,707
		0	0	0	0	0	0	0	0	0	0	0	0	0
City of Yuma Diversion at Imperial Dam	Ordered but not Diverted	0	0	0	25	113	95	15	84	127	433	92	0	984
	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	23	68	52	13	47	42	60	33	0	338
	Delivered to Storage 2/ Delivered to Mexico in Excess of Treaty	0	0	0	2	45	43	2	37	85	249	59	0	522
		0	0	0	0	0	0	0	0	0	124	0	0	124
Yuma County Water Users' Association Diversion at Imperial Dam	Ordered but not Diverted	1,523	1,704	2,025	651	1,040	706	1,198	2,247	1,309	6,163	2,928	2,273	23,767
	Delivered to Mexico in Satisfaction of Treaty	0	0	0	0	0	0	0	0	0	0	0	0	0
	Diverted by Others	656	1,508	1,480	609	627	385	1,057	1,247	428	859	1,040	1,281	11,177
	Delivered to Storage 2/ Delivered to Mexico in Excess of Treaty	867	196	545	42	413	321	141	1,000	881	3,547	1,888	992	10,833
		0	0	0	0	0	0	0	0	0	1,757	0	0	1,757
Cocopah Indian Reservation Diversion at Imperial Dam	Ordered but not Diverted	5	7	5	1	2	2	4	3	3	0	0	6	38
	Delivered to Mexico in Satisfaction of Treaty	0	0	0	0	0	0	0	0	0	0	0	0	0
	Diverted by Others	2	6	4	1	1	1	4	2	1	0	0	3	25
	Delivered to Storage 2/ Delivered to Mexico in Excess of Treaty	3	1	1	0	1	1	0	1	2	0	0	3	13
		0	0	0	0	0	0	0	0	0	0	0	0	0

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
 CALENDAR YEAR 1972
 STATE OF ARIZONA

(C)

Sheet 3 of 3
 Final Records
 (ACRE - FEET)

	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTALS
ARIZONA TOTALS													
Ordered but not Diverted	7,602	5,261	6,337	4,608	6,547	4,852	5,615	6,819	8,142	21,540	7,288	8,798	93,409
Delivered to Mexico in													
Satisfaction of Treaty	0	0	0	0	0	0	0	0	0	0	0	0	0
Diverted by Others	2,339	2,138	3,634	2,828	2,606	1,822	2,929	2,491	3,428	4,940	1,811	3,174	34,140
Delivered to Storage <u>2/</u>	5,263	3,123	2,703	1,780	3,941	3,030	2,686	4,328	4,714	10,494	5,477	5,624	53,163
Delivered to Mexico in													
Excess of Treaty	0	0	0	0	0	0	0	0	0	6,106	0	0	6,106

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

RELEASES OF MAINSTREAM WATER PURSUANT TO ORDERS

(V(C))

BUT NOT DIVERTED BY PARTY ORDERING SAME

AND

QUANTITY OF SUCH WATER DELIVERED TO MEXICO IN SATISFACTION OF MEXICAN TREATY OR DIVERTED BY OTHERS

Sheet 1 of 2
Final Records

CALENDAR YEAR 1972

STATE OF CALIFORNIA

(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	391	1,353	566	0	0	106	0	1,109	1,421	766	3,897	9,645	19,254
	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 1/	391	1,353	566	0	0	106	0	1,109	1,421	766	3,897	9,645	19,254
	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	2,317	2,364	474	1,609	2,229	1,583	2,545	3,856	3,062	5,558	2,334	2,366	30,297
	Delivered to Mexico in Satisfaction of Treaty	0	0	0	0	0	0	0	0	0	0	0	0	0
	Diverted by Others	200	654	69	419	214	149	776	323	333	28	61	182	3,408
	Delivered to Storage 1/	2,117	1,710	405	1,190	2,015	1,434	1,769	3,533	2,729	1,605	2,273	2,184	22,964
	Delivered to Mexico in Excess of Treaty	0	0	0	0	0	0	0	0	0	3,925	0	0	3,925
Yuma Project Reservation Division - Bard Unit Diversion at Imperial Dam	Ordered but not Diverted	1,228	442	336	694	1,084	1,269	440	1,424	308	780	634	358	8,997
	Delivered to Mexico in Satisfaction of Treaty	0	0	0	0	0	0	0	0	0	0	0	0	0
	Diverted by Others	720	301	281	562	891	868	194	1,078	196	306	285	300	5,982
	Delivered to Storage 1/	508	141	55	132	193	401	246	346	112	347	349	58	2,888
	Delivered to Mexico in Excess of Treaty	0	0	0	0	0	0	0	0	0	127	0	0	127
Yuma Project Reservation Division - Indian Unit Diversion at Imperial Dam	Ordered but not Diverted	864	455	322	657	590	613	343	793	309	632	473	328	6,379
	Delivered to Mexico in Satisfaction of Treaty	0	0	0	0	0	0	0	0	0	0	0	0	0
	Diverted by Others	506	310	270	533	485	419	151	600	197	249	213	275	4,208
	Delivered to Storage 1/	358	145	52	124	105	194	192	193	112	280	260	53	2,068
	Delivered to Mexico in Excess of Treaty	0	0	0	0	0	0	0	0	0	103	0	0	103
Imperial Irrigation District Diversion at Imperial Dam	Ordered but not Diverted	0	0	0	0	0	0	0	0	0	25,285	5,001	1,597	31,883
	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	127	149	68	344
	Delivered to Storage 1/	0	0	0	0	0	0	0	0	0	14,386	4,852	1,529	20,767
	Delivered to Mexico in Excess of Treaty	0	0	0	0	0	0	0	0	0	10,772	0	0	10,772

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

(C)

AND

QUANTITY OF SUCH WATER DELIVERED TO MEXICO IN SATISFACTION OF MEXICAN TREATY OR DIVERTED BY OTHERS

Sheet 2 of 2
Final Records

CALENDAR YEAR 1972

STATE OF CALIFORNIA

(ACRE - FEET)

WATER USER		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTALS
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
CALIFORNIA TOTALS	Ordered but not Diverted	4,800	4,614	1,698	2,960	3,903	3,571	3,328	7,182	5,100	33,021	12,339	14,294	96,810
	Delivered to Mexico in Satisfaction of Treaty	0	0	0	0	0	0	0	0	0	0	0	0	0
	Diverted by Others	1,426	1,265	620	1,514	1,590	1,436	1,121	2,001	726	710	708	825	13,942
	Delivered to Storage <u>1/</u>	3,374	3,349	1,078	1,446	2,313	2,135	2,207	5,181	4,374	17,384	11,631	13,469	67,941
	Delivered to Mexico in Excess of Treaty	0	0	0	0	0	0	0	0	0	14,927	0	0	14,927

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 1972

DELIVERIES TO MEXICO IN SATISFACTION OF PART III OF 1944 TREATY

V(D)

AND

WATER PASSING TO MEXICO IN EXCESS OF TREATY REQUIREMENTS

CALENDAR YEAR 1972

Final Records
(ACRE - FEET)

	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTALS
Deliveries to Mexico in Satisfaction of Treaty	109,235	109,446	202,677	190,517	92,284	129,713	178,356	189,103	81,071	56,181	54,395	107,022	1,500,000
Passing to Mexico in Excess of Treaty Requirements	8,608	5,060	137	300	59	107	7,440	96	17,893	42,633	18,030	12,175	112,538

1/ Includes 86,304 acre-feet delivered pursuant to provisions of Minute 218.

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 1972

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 1972

(E)

Final Records
 (ACRE - FEET)

	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTALS
Gila River <div style="margin-left: 150px;"> Diversion Consumptive Use </div>													0 0
San Francisco River <div style="margin-left: 150px;"> Diversion Consumptive Use </div>													0 0

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 1964 THROUGH 1971

(E)

Final Records
(ACRE - FEET)

	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTALS
Revisions to 1964 through 1971 Reports													
Gila River													
Diversion													0
Consumptive Use													0
San Francisco River													
Diversion													0
Consumptive Use													0