

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

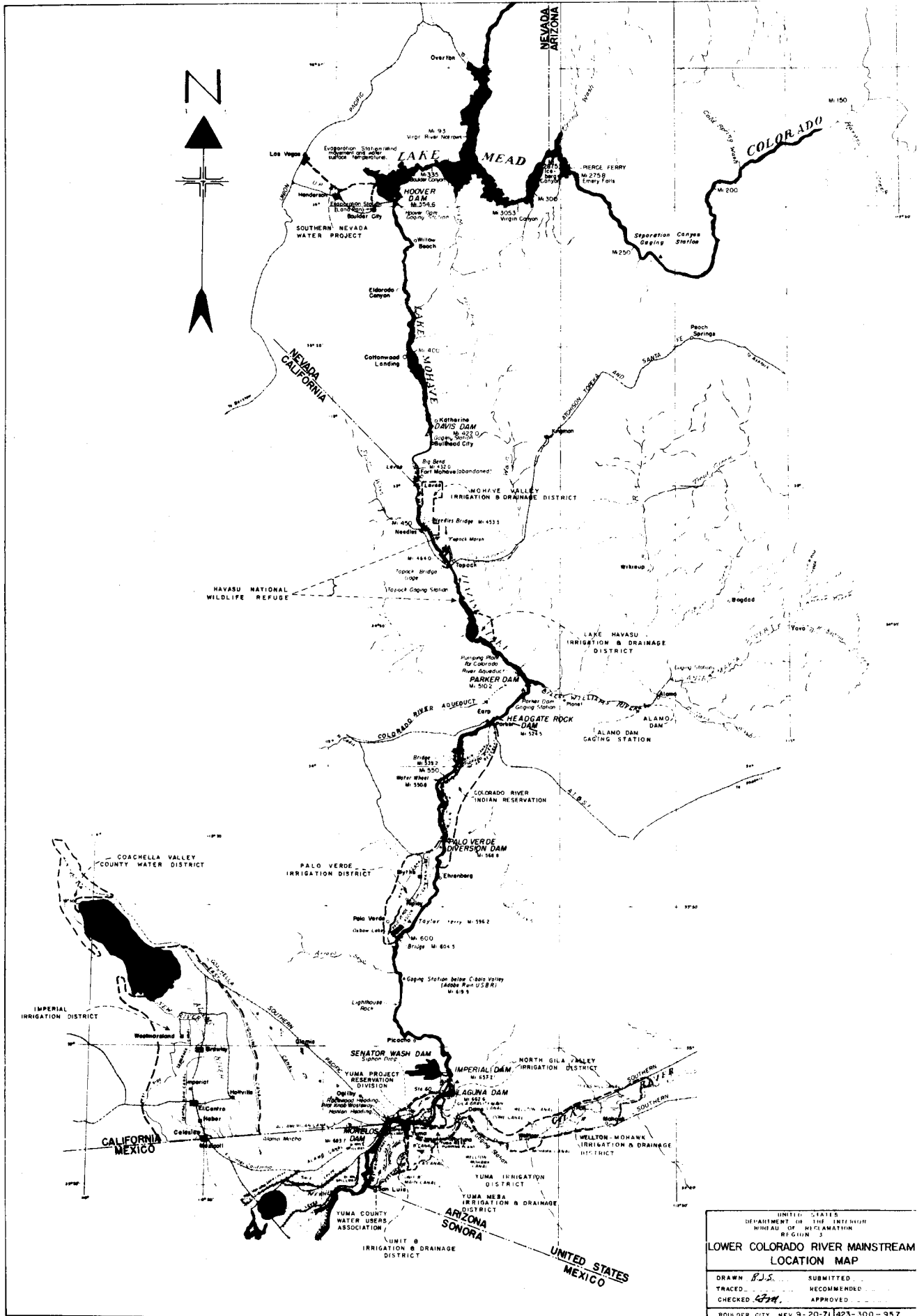
CALENDAR YEAR 1973

Division of Water and Land Operations  
Boulder City, Nevada

August 20, 1974

CONTENTS

	<u>Page Number</u>
Location Map (Drawing No. 423-300-957) . . . . .	Frontispiece
V(A) Releases of Water Through Regulatory Structures, Controlled by the United States . . . . .	1 3
V(B) Mainstream Diversions, Return Flows, and Consumptive Use . . . . .	4
Arizona . . . . .	7
Other Arizona Users . . . . .	11
Revisions to 1971 Report of Arizona Users . . . . .	16
California . . . . .	17
Other California Users . . . . .	20
Nevada . . . . .	24
V(C) Water Ordered but not Diverted . . . . .	26
Arizona . . . . .	29
California . . . . .	32
V(D) Deliveries of Water to Mexico . . . . .	34
V(E) Diversions and Use for Gila National Forest . .	36



UNITED STATES  
 DEPARTMENT OF THE INTERIOR  
 BUREAU OF RECLAMATION  
 REGION 5

**LOWER COLORADO RIVER MAINSTREAM  
 LOCATION MAP**

DRAWN <i>B.S.</i>	SUBMITTED
TRACED <i>B.S.</i>	RECOMMENDED
CHECKED <i>B.S.</i>	APPROVED

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

RECORDS OF RELEASES OF WATER THROUGH REGULATORY  
STRUCTURES IN ACCORDANCE WITH ARTICLE V(A) OF THE  
DECREE OF THE SUPREME COURT OF THE UNITED STATES  
IN ARIZONA v. CALIFORNIA DATED MARCH 9, 1964

- - -

CALENDAR YEAR 1973

The following tabulations for calendar year 1973 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 monitor the accuracy of the flowmeters at Hoover Dam where water budget studies indicate the meters are underregistering the flow. Funding for replacement of the present flowmeters with acoustic flowmeters has been approved and design data are being developed to accomplish the work.

The record of riverflow through Headgate Rock Dam was computed using the record of flow at the gaging station "Colorado River below Parker Dam, Arizona-California," and deducting from it the record of flow at the gaging station "Divisions for Colorado River Indian Reservation, near Parker, Arizona." The diversions are made at Headgate Rock Dam.

RELEASE OF WATER THROUGH REGULATORY STRUCTURES  
CONTROLLED BY THE UNITED STATES

(A)

CALENDAR YEAR 1973

Final Records

(ACRE - FEET)

STRUCTURE	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTALS
Hoover Dam	581,000	553,600	610,700	864,800	1,011,000	683,200	823,200	856,800	659,400	559,800	526,500	571,200	8,302,000
Davis Dam	488,500	412,300	709,200	944,500	828,400	820,200	957,000	838,000	756,100	596,600	421,900	448,400	8,221,000
Parker Dam	355,300	347,600	641,600	799,700	696,400	672,900	829,100	726,100	644,000	484,000	309,600	340,400	6,847,000
Headgate Rock Dam <u>1/</u>	350,300	293,800	590,600	729,400	622,900	601,900	747,600	651,900	577,600	430,800	276,500	310,200	6,184,000
Palo Verde Dam <u>2/</u>	312,600	273,900	515,600	628,300	517,400	482,600	609,800	534,000	471,100	376,500	246,100	271,600	5,240,000
Imperial Dam <u>3/</u>	16,780	20,060	24,600	22,100	19,260	17,310	23,440	34,410	17,820	16,810	16,120	15,430	244,100
Laguna Dam	19,520	21,570	25,600	23,100	19,520	18,800	23,840	32,060	19,970	15,930	18,060	16,020	254,000

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

2/ Measured through river gates at Palo Verde Dam.

3/ Includes diversion to Mittry Lake.

RECORDS OF DIVERSIONS, RETURN FLOWS, AND CONSUMPTIVE USE  
IN ACCORDANCE WITH ARTICLE V(B) OF THE DECREE OF THE SUPREME  
COURT OF THE UNITED STATES IN ARIZONA v. CALIFORNIA

DATED MARCH 9, 1964

- - -

CALENDAR YEAR 1973

The following tabulations for calendar year 1973 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 1973 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  
AND CONSUMPTIVE USE OF SUCH WATER  
CALENDAR YEAR 1973  
STATE OF ARIZONA

V(B)

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 Return Consumptive Use	23	22	21	21	21	38	42	41	40	30	17	13	329 <u>1/</u>
Davis Dam and Government Camp Diversion at Davis Dam	Diversion Return Consumptive Use	5	5	6	15	19	33	38	39	31	26	12	9	238 <u>1/</u>
Mohave Valley Irrigation and Drainage District Pumped from wells and inlet channel to Havasu National Wildlife Refuge	Diversion Return Consumptive Use	247	462	1,112	2,138	2,747	2,534	2,807	2,877	2,322	1,435	514	460	19,655 <u>1/</u>
Havasu National Wildlife Refuge Inlet - NW <sup>1</sup> / <sub>4</sub> NE <sup>1</sup> / <sub>4</sub> NW <sup>1</sup> / <sub>4</sub> , Sec. 33, T. 9 N., R. 23 E., SBM	Diversion	1,620	0	1,510	1,590	3,380	8,810	5,480	5,180	6,020	6,220	4,230	1,040	45,080
Less diversion from inlet channel by pump in SE <sup>1</sup> / <sub>4</sub> SW <sup>1</sup> / <sub>4</sub> SE <sup>1</sup> / <sub>4</sub> , Sec. 24, T. 17 N., R. 22 W., G&SRM	Diversion	20	0	98	193	247	240	263	267	205	128	44	30	1,735
1 well - NE <sup>1</sup> / <sub>4</sub> NE <sup>1</sup> / <sub>4</sub> NE <sup>1</sup> / <sub>4</sub> , Sec. 15, T. 8 N., R. 23 E., SBM	Diversion	0	0	0	0	0	2	100	12	57	28	23	0	222
Outlet - SW <sup>1</sup> / <sub>4</sub> SW <sup>1</sup> / <sub>4</sub> SE <sup>1</sup> / <sub>4</sub> , Sec. 27, T. 16 N., R. 21 W., G&SRM	Return Consumptive Use	0 1,600	0 0	0 1,412	0 1,397	0 3,133	0 8,572	0 5,317	0 4,925	0 5,872	1,160 4,960	1,310 2,899	264 746	2,734 40,833
Lake Havasu Irrigation and Drainage District Pumped from wells	Diversion Return Consumptive Use	240	207	269	349	503	532	699	478	584	480	387	342	5,070 <u>1/</u>
Town of Parker 1 well - NW <sup>1</sup> / <sub>4</sub> NW <sup>1</sup> / <sub>4</sub> NW <sup>1</sup> / <sub>4</sub> , Sec. 7, T. 9 N., R. 19 W., G&SRM	Diversion	36	28	40	60	101	108	164	167	106	72	52	46	980 <u>1/</u>
1 well - SW <sup>1</sup> / <sub>4</sub> NW <sup>1</sup> / <sub>4</sub> NE <sup>1</sup> / <sub>4</sub> , Sec. 15, T. 9 N., R. 20 W., G&SRM	Return Consumptive Use													

DIVERSIONS FROM MAINSTREAM — AVAILABLE RETURN FLOW  
AND CONSUMPTIVE USE OF SUCH WATER  
CALENDAR YEAR 1973  
STATE OF ARIZONA

(B)

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	5,010	53,830	51,030	70,340	73,530	70,970	81,460	74,160	66,420	53,160	33,070	30,220	663,200
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 $\frac{2}{/}$	797	600	832	1,728	2,202	502	663	1,355	2,705	1,250	1,040	435	14,109
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 $\frac{2}{/}$	190	128	85	145	214	152	259	317	423	218	0	0	2,131
NE $\frac{1}{4}$ SW $\frac{1}{4}$ NW $\frac{1}{4}$ , Sec. 14, T. 4 N., R. 22 W., G&SRM														
	Return	16,920	30,030	32,780	35,500	36,780	32,750	32,130	36,690	36,600	35,980	28,020	22,110	376,290
	Consumptive Use	-10,917	24,535	19,174	36,720	39,175	38,883	50,261	39,151	32,957	18,655	6,097	8,552	303,243
Imperial National Wildlife Refuge														
2 wells	Diversion	8	8	6	3	3	2	1	46	71	46	15	15	224
NW $\frac{1}{4}$ NW $\frac{1}{4}$ NW $\frac{1}{4}$ , Sec. 13, T. 5 S., R. 22 W., G&SRM														
	Return													
SW $\frac{1}{4}$ NE $\frac{1}{4}$ SW $\frac{1}{4}$ , Sec. 13, T. 5 S., R. 22 W., G&SRM														
	Consumptive Use													
Yuma Proving Ground, U.S. Army														
Diversion at Imperial Dam	Diversion	0	0	0	2	1	0	0	0	0	0	3	1	7
	Return													1/
	Consumptive Use													
North Gila Valley Irrigation District														
Diversion at Imperial Dam	Diversion	2,365	4,682	3,408	4,666	6,540	5,958	6,617	5,864	6,500	3,968	2,926	2,646	56,140
	Return	306	443	423	392	498	679	736	843	796	648	511	452	6,727
	Consumptive Use	2,059	4,239	2,985	4,274	6,042	5,279	5,881	5,021	5,704	3,320	2,415	2,194	49,413
Warren Act Contractors Outside Gila Project Districts														
Diversion at Imperial Dam	Diversion	109	0	79	94	0	0	0	77	310	58	35	24	786
	Return													
	Consumptive Use													

DIVERSIONS FROM MAINSTREAM — AVAILABLE RETURN FLOW  
AND CONSUMPTIVE USE OF SUCH WATER  
CALENDAR YEAR 1973  
STATE OF ARIZONA

V(B)

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														
Diversion at Imperial Dam	Diversion	21,675	23,867	30,243	57,820	59,461	53,947	65,416	59,937	53,397	31,898	21,703	16,275	495,639
	Return	17,940	16,640	17,540	17,270	18,440	17,850	13,130	15,940	17,860	17,450	17,740	17,930	205,730
	Consumptive Use	3,735	7,227	12,703	40,550	41,021	36,097	52,286	43,997	35,537	14,448	3,963	-1,655	289,909
Yuma Irrigation District														
Diversion at Imperial Dam	Diversion	2,791	3,109	4,684	6,423	8,039	6,190	5,873	4,857	4,917	5,015	2,907	1,924	56,729
Pumped from Private Wells	Return	665	824	1,185	2,117	1,768	1,672	1,499	990	1,287	1,435	899	575	14,916
	Consumptive Use													
Yuma Mesa Irrigation and Drainage District														
Diversion at Imperial Dam	Diversion	11,233	9,205	12,771	17,778	27,938	29,076	33,312	30,027	23,052	17,893	12,500	11,780	236,565
	Return													
	Consumptive Use													
Unit "B" Irrigation and Drainage District														
Diversion at Imperial Dam	Diversion	1,988	1,546	1,561	2,750	4,489	4,764	5,348	4,907	3,749	3,278	2,040	2,077	38,497
	Return													
	Consumptive Use													
Returns from South Gila Valley														
	Returns <u>4/</u>	5,311	3,956	6,749	6,400	2,301	4,871	7,041	4,017	4,315	4,367	3,637	4,457	57,422
City of Yuma														
Diversion at Imperial Dam	Diversion	662	634	739	982	1,343	1,344	1,489	1,349	1,259	1,019	792	703	12,315
	Return	25	29	28	54	37	44	5	40	32	58	35	34	421
	Consumptive Use	637	605	711	928	1,306	1,300	1,484	1,309	1,227	961	757	669	11,894
Yuma County Water Users' Association														
Diversion at Imperial Dam	Diversion	17,419	15,688	25,184	36,605	39,873	32,359	39,357	37,166	34,153	26,857	15,474	13,773	333,908
Pumped from wells	Diversion	714	558	611	662	806	702	825	581	862	969	874	751	8,915
	Return	9,207	8,625	9,876	9,774	10,158	10,040	10,188	10,086	10,635	11,218	10,699	9,397	119,903
	Consumptive Use	8,926	7,621	15,919	27,493	30,521	23,021	29,994	27,661	24,380	16,608	5,649	5,127	222,920
Cocopah Indian Reservation														
Diversion at Imperial Dam	Diversion	56	0	195	134	38	44	79	84	92	41	46	15	824
Pumped from wells	Diversion	2	0	5	2	1	1	2	1	2	1	3	1	21
	Return													
	Consumptive Use													
Yuma Mesa Outlet Drain <u>8/</u>														
	Return	5,840	4,340	4,990	5,120	3,650	4,250	5,510	4,300	4,870	5,240	4,920	5,650	58,680
Other Users Pumping from Colorado River and wells in flood plain														
Davis Dam to International Boundary <u>9/</u>	Diversion	3,434	5,482	6,507	8,736	11,321	11,241	12,350	10,419	7,916	6,863	6,293	4,420	94,982
	Return													
	Consumptive Use													

Footnotes are on page 10

DIVERSIONS FROM MAINSTREAM -- AVAILABLE RETURN FLOW  
AND CONSUMPTIVE USE OF SUCH WATER  
CALENDAR YEAR 1973

(B)

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	71,275	120,892	141,992	214,974	244,100	230,750	263,626	240,673	216,079	162,139	105,818	87,522	2,009,840
Return	55,549	64,063	72,386	74,510	71,864	70,484	68,740	71,915	75,108	76,121	66,872	60,254	827,907
Consumptive Use	15,726	56,829	69,606	140,464	172,236	160,266	194,886	168,757	140,971	86,018	38,946	27,228	1,271,933

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

- 1/ No surface returns.
- 2/ Calculated from monthly power records.
- 3/ Includes 119,139 acre-feet delivered to Mexico in excess of minimum treaty requirements pursuant to provisions of Minute No. 241.
- 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.

Contractor	Point of Delivery	Annual Delivery (acre-feet)
City of Yuma	B3.7 Lateral	35
Desert Lawn Memorial	B3.7 Lateral	111
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	2,495
<b>TOTAL</b>		<b>2,723</b>

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

University of Arizona	B Main Canal	997
Camille Allec, Jr.	B-8 Lateral	104

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

Yuma Union High School District	Yuma Main Canal	243
City of Yuma - Smucker Park	Yuma Main Canal	136

- 8/ 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.
- 9/ Details on Arizona Supplemental Sheets 1 - 4.

*1,268,744*  
*See 74*

81

DIVERSIONS FROM MAINSTREAM — AVAILABLE RETURN FLOW  
AND CONSUMPTIVE USE OF SUCH WATER  
CALENDAR YEAR 1973  
STATE OF ARIZONA

(B)

Sheet 1 of 5  
Final Records  
(ACRE FEET)

		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTALS <sup>1/</sup>
Poster, J. G/ 1 Well, NW <sup>1</sup> / <sub>4</sub> SE <sup>1</sup> / <sub>4</sub> , Sec. 29, T. 20 N., R. 22 W., G&SRM	Diversion	3	2	0	7	17	17	27	3	0	8	6	4	94
Clayton, Ralph 2 Pumps SW <sup>1</sup> / <sub>4</sub> SE <sup>1</sup> / <sub>4</sub> SW <sup>1</sup> / <sub>4</sub> , Sec. 34, T. 4 N., R. 22 W., G&SRM	Diversion	46	236	561	202	210	465	629	706	449	290	445	355	4,594
Clayton, Ralph 1 Well SW <sup>1</sup> / <sub>4</sub> SW <sup>1</sup> / <sub>4</sub> SE <sup>1</sup> / <sub>4</sub> , Sec. 34, T. 4 N., R. 22 W., G&SRM	Diversion	6	0	53	6	111	2	33	63	32	23	1	0	330
Arkelian Farms 2 Pumps SE <sup>1</sup> / <sub>4</sub> NW <sup>1</sup> / <sub>4</sub> SE <sup>1</sup> / <sub>4</sub> , Sec. 16, T. 3 N., R. 22 W., G&SRM	Diversion													2,400 <sup>3/</sup>
Sprall, Wayne 1 Pump SE <sup>1</sup> / <sub>4</sub> SW <sup>1</sup> / <sub>4</sub> NW <sup>1</sup> / <sub>4</sub> , Sec. 21, T. 1 N., R. 23 W., G&SRM	Diversion													3,192
Cibola Valley Irrigation and Drainage District 3 Pumps SE <sup>1</sup> / <sub>4</sub> SE <sup>1</sup> / <sub>4</sub> NE <sup>1</sup> / <sub>4</sub> , Sec. 20, T. 1 N., R. 23 W., G&SRM	Diversion	472	1,783	1,824	2,726	3,588	2,747	3,628	1,722	1,066	349	329	266	20,500
Woodward 1 Pump SW <sup>1</sup> / <sub>4</sub> NW <sup>1</sup> / <sub>4</sub> NE <sup>1</sup> / <sub>4</sub> , Sec. 2, T. 1 S., R. 24 W., G&SRM	Diversion													2,496
Snitzer and Cockrell 1 Pump NW <sup>1</sup> / <sub>4</sub> SW <sup>1</sup> / <sub>4</sub> SW <sup>1</sup> / <sub>4</sub> , Sec. 31, T. 1 S., R. 23 W., G&SRM	Diversion													1,200
Subtotals - Davis Dam to Imperial Dam	Diversion <sup>4/</sup> Diversion <sup>5/</sup>	527 193	2,021 736	2,438 886	2,941 1,072	3,926 1,428	3,231 1,176	4,317 1,571	2,494 909	1,547 561	670 245	781 283	625 228	25,518 9,288
Pratt, Loren 1 Well SW <sup>1</sup> / <sub>4</sub> NW <sup>1</sup> / <sub>4</sub> NE <sup>1</sup> / <sub>4</sub> , Sec. 14, T. 7 S., R. 22 W., G&SRM 1 Pump SE <sup>1</sup> / <sub>4</sub> SW <sup>1</sup> / <sub>4</sub> NW <sup>1</sup> / <sub>4</sub> , Sec. 14, T. 7 S., R. 22 W., G&SRM	Diversion													450

DIVERSIONS FROM MAINSTREAM — AVAILABLE RETURN FLOW  
 AND CONSUMPTIVE USE OF SUCH WATER  
 CALENDAR YEAR 1973  
 STATE OF ARIZONA

(B)

Sheet 2 of 5  
 Final Records  
 (ACRE FEET)

		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTALS 1/
Tudor, Tom	Diversion													1,104
1 Well														
SW <sup>1</sup> / <sub>4</sub> NE <sup>1</sup> / <sub>4</sub> SE <sup>1</sup> / <sub>4</sub> , Sec. 8, T. 8 S., R. 22 W., G&SRM														
Sturges, Steve	Diversion	839	1,087	1,529	1,702	2,263	2,603	1,589	1,999	1,602	1,640	1,692	1,224	19,769
7 Wells														
Sec. 18, T. 8 S., R. 21 W., and Sec. 13 and 14, T. 8 S., R. 22 W., G&SRM														
Crowe, James	Diversion	31	17	163	44	77	106	127	166	66	0	0	0	797 3/
1 Well														
SE <sup>1</sup> / <sub>4</sub> SW <sup>1</sup> / <sub>4</sub> SW <sup>1</sup> / <sub>4</sub> , Sec. 7, T. 8 S., R. 22 W., G&SRM														
Fletcher and Moenk	Diversion	126	151	156	226	343	274	400	292	356	347	260	91	3,022 3/
1 Well														
SE <sup>1</sup> / <sub>4</sub> NW <sup>1</sup> / <sub>4</sub> SW <sup>1</sup> / <sub>4</sub> , Sec. 18 T. 8 S., R. 22 W., G&SRM														
Fletcher and Moenk	Diversion													1,106
2 Wells														
SE <sup>1</sup> / <sub>4</sub> SE <sup>1</sup> / <sub>4</sub> SE <sup>1</sup> / <sub>4</sub> , Sec. 18, T. 8 S., R. 22 W., G&SRM														
Lot 20, Sec. 31, T. 16 S., R. 23 E., SRM														
1 Pump														
SE <sup>1</sup> / <sub>4</sub> SE <sup>1</sup> / <sub>4</sub> NE <sup>1</sup> / <sub>4</sub> , Sec. 24, T. 8 S., R. 23 W., G&SRM														
Vukasovich	Diversion	0	0	0	9	1	1	0	0	15	2	0	1	29
1 Well														
SE <sup>1</sup> / <sub>4</sub> NE <sup>1</sup> / <sub>4</sub> SW <sup>1</sup> / <sub>4</sub> , Sec. 24, T. 8 S., R. 22 W., G&SRM														
Harp, Earl	Diversion													1,200
1 Well														
SE <sup>1</sup> / <sub>4</sub> NE <sup>1</sup> / <sub>4</sub> NE <sup>1</sup> / <sub>4</sub> , Sec. 13, T. 8 S., R. 23 W., G&SRM														
Bingham Cattle Co.	Diversion	55	36	39	53	43	114	176	106	121	146	105	90	1,084
1 Well														
SE <sup>1</sup> / <sub>4</sub> SW <sup>1</sup> / <sub>4</sub> SW <sup>1</sup> / <sub>4</sub> , Sec. 19, T. 8 S., R. 22 W., G&SRM														
Bingham Cattle Co.	Diversion	0	29	30	103	97	107	109	108	94	32	0	65	774
1 Well														
SW <sup>1</sup> / <sub>4</sub> SW <sup>1</sup> / <sub>4</sub> SE <sup>1</sup> / <sub>4</sub> , Sec. 24, T. 8 S., R. 23 W., G&SRM														
Bingham Cattle Co.	Diversion	0	28	33	87	110	164	172	115	201	152	40	0	1,102
1 Well														
NE <sup>1</sup> / <sub>4</sub> SE <sup>1</sup> / <sub>4</sub> SW <sup>1</sup> / <sub>4</sub> , Sec. 23, T. 8 S., R. 23 W., G&SRM														

DIVERSIONS FROM MAINSTREAM -- AVAILABLE RETURN FLOW  
AND CONSUMPTIVE USE OF SUCH WATER  
CALENDAR YEAR 1973  
STATE OF ARIZONA

V(B)

Sheet 3 of 5  
Final Records  
(ACRE FEET)

		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTALS
Bruce Church Company	Diversion	4	3	2	4	3	2	0	0	0	0	0	0	18 <u>3/</u>
1 Well SW $\frac{1}{4}$ SE $\frac{1}{4}$ SE $\frac{1}{4}$ , Sec. 22, T. 8 S., R. 23 W., G&SRM														
Power, Pete	Diversion													684
1 Well NW $\frac{1}{4}$ NW $\frac{1}{4}$ NW $\frac{1}{4}$ , Sec. 31, T. 16 S., R. 23 E., SEM														
Nunnaley, Slade	Diversion	2	5	45	71	38	32	44	42	33	16	9	1	338
1 Well NE $\frac{1}{4}$ SE $\frac{1}{4}$ SW $\frac{1}{4}$ , Sec. 28, T. 16 S., R. 22 E., SEM														
Curtis, Armon	Diversion	0	20	32	11	19	35	36	0	0	0	0	45	198 <u>3/</u>
1 Pump SW $\frac{1}{4}$ NE $\frac{1}{4}$ SE $\frac{1}{4}$ , Sec. 29, T. 16 S., R. 22 E., SEM														
Power, Bill	Diversion													2,430
1 Pump SW $\frac{1}{4}$ SW $\frac{1}{4}$ NE $\frac{1}{4}$ , Sec. 30, T. 16 S., R. 22 E., SEM														
Power, Pete	Diversion													1,800
1 Pump SW $\frac{1}{4}$ SW $\frac{1}{4}$ NE $\frac{1}{4}$ , Sec. 30, T. 16 S., R. 22 E., SEM														
Hall, Ansil	Diversion													240
1 Pump NW $\frac{1}{4}$ SW $\frac{1}{4}$ NW $\frac{1}{4}$ , Sec. 36, T. 16 S., R. 21 E., SEM														
Yucca Power Plant	Diversion	68	26	55	58	74	92	101	100	85	85	83	73	900 <u>2/</u>
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														
Burrell	Diversion													192
1 Well NW $\frac{1}{4}$ NE $\frac{1}{4}$ NW $\frac{1}{4}$ , Sec. 33, T. 8 S., R. 24 W., G&SRM														
Cannon, J. O.	Diversion													840
1 Well NW $\frac{1}{4}$ NE $\frac{1}{4}$ NE $\frac{1}{4}$ , Sec. 25, T. 9 S., R. 25 W., G&SRM														
Hudson, C. A.	Diversion	89	66	37	72	110	245	284	438	475	409	231	148	2,604 <u>3/</u>
1 Well SE $\frac{1}{4}$ NE $\frac{1}{4}$ NW $\frac{1}{4}$ , Sec. 19, T. 9 S., R. 24 W., G&SRM														



DIVERSIONS FROM MAINSTREAM — AVAILABLE RETURN FLOW  
AND CONSUMPTIVE USE OF SUCH WATER  
CALENDAR YEAR 1973  
STATE OF ARIZONA

V(B)

Sheet 4 of 5  
Final Records  
(ACRE FEET)

		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTALS
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&SRM	Diversion	66	51	27	52	82	186	211	324	352	307	162	67	1,887 3/
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&SRM	Diversion	66	48	27	53	81	176	205	307	380	385	205	131	2,064 3/
Consaul, Lee 1 Well NE $\frac{1}{4}$ NW $\frac{1}{4}$ NW $\frac{1}{4}$ , Sec. 31, T. 9 S., R. 24 W., G&SRM	Diversion	0	0	0	0	0	0	404	371	268	312	600	176	2,131
Consaul, Lee 1 Well NE $\frac{1}{4}$ NE $\frac{1}{4}$ NE $\frac{1}{4}$ , Sec. 36, T. 9 S., R. 25 W., G&SRM	Diversion	337	117	308	342	344	438	238	230	153	198	408	102	3,215
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&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&SRM	Diversion	158	296	12	386	601	630	474	508	0	352	102	334	3,853 3/
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&SRM	Diversion													1,086
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&SRM	Diversion	62	86	0	159	146	118	89	39	0	95	0	141	935 2/
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&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&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&SRM	Diversion													360

DIVERSIONS FROM MAINSTREAM — AVAILABLE RETURN FLOW  
AND CONSUMPTIVE USE OF SUCH WATER  
CALENDAR YEAR 1973  
STATE OF ARIZONA

(VI)

Sheet 5 of 5  
Final Records  
(ACRE - FEET)

		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTALS
Brown, Willis A. 1 Well SW 1/4, Sec. 2, T. 11 S., R. 25 W., G&SRM	Diversion	52	47	21	82	75	39	54	43	51	21	7	0	492 <sup>3/</sup>
Hughes, Earl 1 Well SW 1/4, Sec. 3, T. 11 S., R. 25 W., G&SRM	Diversion	130	70	111	195	219	55	119	148	150	7	141	93	1,438 <sup>3/</sup>
Subtotals - Imperial Dam to Boundary	Diversion <sup>4/</sup>	2,085	2,183	2,627	3,709	4,726	5,417	4,832	5,336	4,402	4,506	4,045	2,782	46,650
	Diversion <sup>5/</sup>	629	542	556	1,014	1,241	1,417	1,630	1,680	1,406	1,442	1,184	785	13,526
Other Users Pumping from Colorado River and wells in flood plain - Davis Dam to International Boundary included in Arizona totals on page 9	Diversion	3,434	5,482	6,507	8,736	11,321	11,241	12,350	10,419	7,916	6,863	6,293	4,420	94,982

<sup>1/</sup> Calculated by assuming an annual diversion of 6 acre-feet per irrigated acre unless otherwise noted.

<sup>2/</sup> Record furnished by diverter.

<sup>3/</sup> 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.

<sup>4/</sup> Total of items for which monthly distribution is shown.

<sup>5/</sup> Total of items for which monthly distribution is not shown. Distributed according to monthly distribution of other users in immediate area.

<sup>6/</sup> Previously reported under Mohave Valley Irrigation and Drainage District.

51

DIVERSIONS FROM MAINSTREAM — AVAILABLE RETURN FLOW  
 AND CONSUMPTIVE USE OF SUCH WATER  
 CALENDAR YEAR 1973  
 STATE OF ARIZONA  
 Revision to 1971 Report

(1B)

(ACRE FEET)

		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTALS
Revision to 1971 Report														
City of Yuma	Diversion	656	624	831	872	1,049	1,369	1,604	1,355	1,242	868	738	611	11,819
Diversion at Imperial Dam	Return	-3	35	23	41	36	24	48	57	30	20	19	25	355
	Consumptive Use	629	589	808	831	1,013	1,345	1,556	1,298	1,212	848	719	586	11,464
ARIZONA TOTALS														
	Diversion	87,526	142,676	184,665	209,483	215,183	212,651	256,895	226,522	212,785	133,435	107,933	97,781	2,085,575
	Return	52,669	54,664	70,865	67,530	64,965	63,018	71,242	74,599	68,891	68,746	65,704	65,959	788,852
	Consumptive Use	34,857	88,012	113,800	141,953	150,218	149,633	185,653	151,923	143,894	64,689	42,229	31,822	1,296,723

DIVERSIONS FROM MAINSTREAM — AVAILABLE RETURN FLOW  
 CONSUMPTIVE USE OF SUCH WATER  
 CALENDAR YEAR 1973  
 STATE OF CALIFORNIA

V(B)

Sheet 1 of 3  
 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., SEM	Diversion	116	95	106	244	364	474	552	443	431	292	194	140	3,451
	Return	27	24	26	49	36	43	103	116	91	68	45	42	670
	Consumptive Use	89	71	80	195	328	431	449	327	340	224	149	98	2,781
San Bernardino County														
1 well	Diversion	1	1	1	1	1	2	2	2	1	1	1	1	15
	Return													
	Consumptive Use													
Metropolitan Water District of Southern California														
Diversion from Lake Havasu	Diversion	107,544	67,258	57,922	94,058	108,179	104,851	108,332	107,672	104,473	107,481	104,236	98,134	1,170,140
	Return													<u>1</u>
	Consumptive Use													
Colorado River Indian Reservation 6/														
1 pump - SW $\frac{1}{4}$ NW $\frac{1}{4}$ , Sec. 13, T. 3 S., R. 23 E., SEM	Diversion	24	23	19	25	50	56	66	49	57	0	0	48	417
1 pump - SW $\frac{1}{4}$ SE $\frac{1}{4}$ NW $\frac{1}{4}$ , Sec. 13, T. 3 S., R. 23 E., SEM	Diversion	57	62	55	69	147	190	216	195	175	0	0	122	1,288
1 pump - NE $\frac{1}{4}$ SW $\frac{1}{4}$ SE $\frac{1}{4}$ , Sec. 13, T. 3 S., R. 23 E., SEM	Diversion	42	79	57	93	163	192	244	232	179	0	0	0	1,281
1 pump - NE $\frac{1}{4}$ SW $\frac{1}{4}$ SE $\frac{1}{4}$ , Sec. 25, T. 3 S., R. 23 E., SEM	Diversion	0	0	46	184	75	0	396	106	251	0	0	0	1,058
1 pump - SE $\frac{1}{4}$ SE $\frac{1}{4}$ SE $\frac{1}{4}$ , Sec. 11, T. 4 S., R. 23 E., SEM	Diversion	0	27	86	52	53	0	0	0	0	105	125	290	738
1 pump - SE $\frac{1}{4}$ SE $\frac{1}{4}$ NW $\frac{1}{4}$ , Sec. 36, T. 4 S., R. 23 E., SEM	Diversion	4	5	39	75	63	95	112	41	80	36	6	40	596
1 pump - NE $\frac{1}{4}$ SE $\frac{1}{4}$ NW $\frac{1}{4}$ , Sec. 6, T. 5 S., R. 24 E., SEM	Diversion	353	364	1,276	1,525	1,140	1,464	1,455	1,143	418	0	0	0	9,138
1 pump - NE $\frac{1}{4}$ SE $\frac{1}{4}$ NW $\frac{1}{4}$ , Sec. 6, T. 5 S., R. 24 E., SEM														
1 pump - NE $\frac{1}{4}$ SE $\frac{1}{4}$ NW $\frac{1}{4}$ , Sec. 6, T. 5 S., R. 24 E., SEM														
1 pump - NW $\frac{1}{4}$ NE $\frac{1}{4}$ SE $\frac{1}{4}$ , Sec. 7, T. 5 S., R. 24 E., SEM														
1 pump - NW $\frac{1}{4}$ NE $\frac{1}{4}$ SE $\frac{1}{4}$ , Sec. 7, T. 5 S., R. 24 E., SEM														
	Return													
	Consumptive Use													<u>1</u>

Footnotes are on page 19

DIVERSIONS FROM MAINSTREAM — AVAILABLE RETURN FLOW  
AND CONSUMPTIVE USE OF SUCH WATER  
CALENDAR YEAR 1973  
STATE OF CALIFORNIA

(B)

Sheet 2 of 3  
Final Records

(ACRE - FEET)

		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTALS
Parker Dam and Government Camp Diversion at Parker Dam	Diversion	5	5	6	22	23	23	60	60	60	13	13	12	302
	Return	0	0	1	0	0	1	0	1	1	0	0	1	5
	Consumptive Use	5	5	5	22	23	22	60	59	59	13	13	11	297
Palo Verde Irrigation District Diversion at Palo Verde Diversion Dam	Diversion	37,360	39,810	59,980	101,900	110,100	102,400	117,900	104,600	92,510	61,620	48,140	43,830	920,150
	Return	29,130	29,090	31,370	35,640	43,450	40,770	42,640	45,390	44,840	40,480	37,790	34,310	454,900
	Consumptive Use	8,230	10,720	28,610	66,260	66,650	61,630	75,260	59,210	47,670	21,140	10,350	9,520	465,250
City of Blythe 10 wells - in Sections 29, 32, and 33, T. 6 S., R. 23 E., SEM	Diversion	104	101	112	231	294	385	538	370	377	208	213	141	3,074
	Return													<u>1/</u>
	Consumptive Use													
East Blythe County Water District Pumped for domestic use from 2 wells, one 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 Sec. 33, T. 6 S., R. 23 E., SEM	Diversion	26	28	25	32	46	45	56	54	46	38	37	32	465
	Return													<u>1/</u>
	Consumptive Use													
Yuma Project Reservation Division, Indian Unit Diversion at Imperial Dam	Diversion	2,249	2,920	3,451	4,632	3,105	2,471	2,889	3,803	4,605	4,647	2,309	1,474	38,555
	Return													
	Consumptive Use													
Yuma Project Reservation Division - Bard Unit Diversion at Imperial Dam	Diversion	1,982	2,274	2,704	5,337	6,054	4,829	6,550	5,921	5,053	4,188	3,136	1,735	49,763
	Return													
	Consumptive Use													
Returns from Yuma Project Reservation Division Drains	Returns <u>2/</u>	1,833	1,750	1,942	2,009	2,188	1,886	2,140	2,096	2,068	2,247	2,296	2,000	24,455
Imperial Irrigation District Diversion at Imperial Dam	Diversion	187,069	150,822	266,619	347,210	329,831	283,324	296,269	287,020	294,193	259,853	184,848	160,841	3,047,899
	Return													<u>1/</u>
	Consumptive Use													
Coachella Valley County Water District Diversion at Imperial Dam	Diversion	29,736	25,923	34,740	44,932	55,355	56,223	64,650	59,318	54,451	42,757	28,251	26,020	522,356
	Return													<u>1/</u>
	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., SEM	Diversion													84
	Return													<u>1/</u>
	Consumptive Use													

DIVERSIONS FROM MAINSTREAM -- AVAILABLE RETURN FLOW  
AND CONSUMPTIVE USE OF SUCH WATER  
CALENDAR YEAR 1973  
STATE OF CALIFORNIA

(B)

Sheet 3 of 3  
Final Records  
(ACRE FEET)

WATER USER		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTALS
Other California Users Pumping from Colorado River and Wells in Flood Plain - Davis Dam to International Boundary <sup>4/</sup>	Diversion	1,038	1,191	2,050	1,923	3,011	3,045	3,702	3,908	2,870	1,597	1,353	1,119	26,807
	Return													
	Consumptive Use													
CALIFORNIA TOTALS	Diversion	367,710	290,988	429,294	602,545	618,054	560,069	603,989	574,937	560,230	482,836	372,862	333,979	5,797,577
	Return	30,990	30,864	33,339	37,698	45,674	42,700	44,883	47,603	47,000	42,795	40,131	36,353	480,030
	Consumptive Use	336,720	260,124	395,955	564,847	572,380	517,369	559,106	527,334	513,230	440,041	332,731	297,626	5,317,547

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 84 acre-feet greater than the sum of monthly totals because of nonavailable monthly distribution of diversions 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 . . . MAINSTREAM — AVAILABLE RETURN FLOW  
AND CONSUMPTIVE USE OF SUCH WATER  
CALENDAR YEAR 1973  
STATE OF CALIFORNIA

(B)

Supplemental Sheet 1 of 4  
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>
Williams, Floyd	Diversion													660
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													492
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													810
1 Well NE $\frac{1}{4}$ NW $\frac{1}{4}$ , Sec. 31, T. 11 N., R. 22 E., SBM														
Southern California Gas Company	Diversion													188 <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&SRM														
Crevolin, A.	Diversion	0	0	0	0	0	0	0	0	33	105	36	0	174 <u>3/</u>
1 Well SE $\frac{1}{4}$ NE $\frac{1}{4}$ SE $\frac{1}{4}$ , Sec. 9, T. 1 S., R. 24 E., SBM														
Crevolin, A.	Diversion	6	10	15	36	30	39	29	33	41	17	0	0	256
1 Well NE $\frac{1}{4}$ SW $\frac{1}{4}$ SE $\frac{1}{4}$ , Sec. 9, T. 1 S., R. 24 E., SBM														
Crevolin, A.	Diversion	145	242	150	272	255	318	325	310	337	240	104	24	2,722
1 Well SE $\frac{1}{4}$ NE $\frac{1}{4}$ SE $\frac{1}{4}$ , Sec. 9, T. 1 S., R. 24 E., SBM														
1 Well SE $\frac{1}{4}$ SE $\frac{1}{4}$ SE $\frac{1}{4}$ , Sec. 9, T. 1 S., R. 24 E., SBM														
1 Well NE $\frac{1}{4}$ SE $\frac{1}{4}$ SW $\frac{1}{4}$ , Sec. 10, T. 1 S., R. 24 E., SBM														
Lye R. L.	Diversion	3	4	2	7	7	9	10	18	12	11	5	5	93 <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														
Subtotals - Davis Dam to Imperial Dam	Diversion <u>4/</u> Diversion <u>5/</u>	154 81	256 103	167 219	315 295	292 249	366 297	364 358	361 270	423 199	373 63	145 35	29 65	3,245 2,234
	I	120	95	72	112	112	200	227	222	242	160	78	26	

Footnotes are on page 23

DIVERSIONS FROM MAINSTREAM — AVAILABLE RETURN FLOW  
AND CONSUMPTIVE USE OF SUCH WATER  
CALENDAR YEAR 1973

V(B)

STATE OF CALIFORNIA

Supplemental Sheet 2 of 4  
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>
Spencer and Franklin 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
Gertz 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	31	118	96	88	219	298	285	330	140	96	88	184	1,973 <u>3/</u>
Power, Pete 1 Pump NE $\frac{1}{4}$ NE $\frac{1}{4}$ NE $\frac{1}{4}$ , Sec. 15, T. 16 S., R. 23 E., SEM 1 Pump 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, Heyden 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	61	49	67	92	91	98	99	61	55	0	20	693 <u>3/</u>
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													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&SRM	Diversion													900
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	108	4	25	82	84	89	123	117	85	20	22	0	759 <u>3/</u>
Coley, Marvin 1 Well SE $\frac{1}{4}$ SE $\frac{1}{4}$ SW $\frac{1}{4}$ , Sec. 16, T. 16 S., R. 23 E., SEM	Diversion	76	65	76	0	150	144	138	143	143	127	122	0	1,184 <u>3/</u>
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	0	3	5	7	10	16	17	13	2	2	0	75 <u>3/</u>
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	25	54	70	99	170	234	178	141	136	145	124	107	1,492 <u>3/</u>

Footnotes are on page 23



DIVERSIONS FROM MAINSTREAM — AVAILABLE RETURN FLOW  
AND CONSUMPTIVE USE OF SUCH WATER  
CALENDAR YEAR 1973

(B)

STATE OF CALIFORNIA

Supplemental Sheet 3 of 4  
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 <sup>1/</sup>
Harp, Robert 1 Pump SW <sup>1/4</sup> SE <sup>1/4</sup> NE <sup>1/4</sup> , Sec. 2, T. 8 S., R. 23 W., G&SRM	Diversion	13	0	155	0	25	20	207	468	214	0	0	0	1,102 <sup>3/</sup>
Harp, Robert 1 Well NE <sup>1/4</sup> SE <sup>1/4</sup> SE <sup>1/4</sup> , Sec. 2, T. 8 S., R. 23 W., G&SRM	Diversion	19	0	250	32	121	172	314	274	159	0	0	0	1,341 <sup>3/</sup>
Harp, Robert 1 Well NE <sup>1/4</sup> NW <sup>1/4</sup> , Sec. 12, T. 8 S., R. 23 W., G&SRM	Diversion	16	5	97	16	50	58	123	146	58	42	34	26	671 <sup>3/</sup>
Easterday, Anne 1 Well SW <sup>1/4</sup> SW <sup>1/4</sup> SE <sup>1/4</sup> , Sec. 1, T. 8 S., R. 23 W., G&SRM	Diversion													720
Dees, John F. 1 Well SE <sup>1/4</sup> NE <sup>1/4</sup> SE <sup>1/4</sup> , Sec. 1, T. 8 S., R. 23 W., G&SRM	Diversion													624
Harp, Robert 1 Well SE <sup>1/4</sup> NE <sup>1/4</sup> NE <sup>1/4</sup> , Sec. 12, T. 8 S., R. 23 W., G&SRM	Diversion	30	0	71	81	29	22	37	25	2	0	0	0	297 <sup>3/</sup>
Harp, Paul 1 Well SW <sup>1/4</sup> NE <sup>1/4</sup> SE <sup>1/4</sup> , Sec. 12, T. 8 S., R. 23 W., G&SRM	Diversion													564
Easterday, Kenneth 1 Well NW <sup>1/4</sup> SE <sup>1/4</sup> SW <sup>1/4</sup> , Sec. 12, T. 8 S., R. 23 W., G&SRM	Diversion	103	44	78	133	232	55	102	40	47	81	48	134	1,097 <sup>3/</sup>
Power, Pete 1 Well NE <sup>1/4</sup> SW <sup>1/4</sup> SE <sup>1/4</sup> , Sec. 11, T. 8 S., R. 23 W., G&SRM	Diversion													1,104
Barkley Company 1 Well NE <sup>1/4</sup> SE <sup>1/4</sup> SW <sup>1/4</sup> , Sec. 19, T. 16 S., R. 23 E., SEM	Diversion	11	72	4	89	167	107	38	43	74	107	242	150	1,104
Hutchenson, John 1 Pump SE <sup>1/4</sup> SE <sup>1/4</sup> SE <sup>1/4</sup> , Sec. 27, T. 16 S., R. 22 E., SEM	Diversion	12	6	0	1	1	1	39	10	29	2	3	2	106 <sup>3/</sup>

Footnotes are on page 23

DIVERSIONS FROM MAINSTREAM — AVAILABLE RETURN FLOW  
AND CONSUMPTIVE USE OF SUCH WATER  
CALENDAR YEAR 1973  
STATE OF CALIFORNIA

(B)

Supplemental Sheet 4 of 4  
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 <sup>1/</sup>
Slade, William	Diversion	13	14	13	49	20	29	52	59	30	9	0	0	288 <sup>3/</sup>
1 Pump SW <sup>1/4</sup> NE <sup>1/4</sup> SE <sup>1/4</sup> , Sec. 29, T. 16 S., R. 22 E., SBM														
Hudson, C. A.	Diversion	32	63	0	45	100	93	43	51	158	0	28	0	613 <sup>3/</sup>
1 Pump NE <sup>1/4</sup> NW <sup>1/4</sup> SW <sup>1/4</sup> , Sec. 29, T. 16 S., R. 22 E., SBM														
G. and L. Farms	Diversion	0	0	16	11	35	25	18	28	18	18	0	0	169
1 Well NW <sup>1/4</sup> NW <sup>1/4</sup> NW <sup>1/4</sup> , Sec. 29, T. 16 S., R. 22 E., SBM														
Subtotals - Imperial Dam to Boundary	Diversion <sup>4/</sup>	489	506	1,012	798	1,502	1,448	1,811	1,991	1,367	704	713	623	12,964
	Diversion <sup>5/</sup>	314	326	652	515	968	934	1,169	1,286	881	457	460	402	8,364
Other California users pumping from Colorado River and wells in flood plain - Davis Dam to International Boundary included in California totals on page 19	Diversion	1,038	1,191	2,050	1,923	3,011	3,045	3,702	3,908	2,870	1,597	1,353	1,119	26,807

<sup>1/</sup> Calculated by assuming an annual diversion of 6 acre-feet per irrigated acre unless otherwise noted.

<sup>2/</sup> Record furnished by diverter.

<sup>3/</sup> 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.

<sup>4/</sup> Total of items for which monthly distribution is shown.

<sup>5/</sup> 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  
 CONSUMPTIVE USE OF SUCH WATER  
 CALENDAR YEAR 1973  
 STATE OF NEVADA

(B)

Sheet 1 of 2  
 Final Records  
 (ACRE FEET)

WATER USER		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTALS
<b>BOULDER CITY</b>														
Diversion at Hoover Dam	Diversion	96	96	117	188	271	282	298	290	295	280	176	115	2,504
Diversion at Saddle Island, Lake Mead <u>1/</u>	Diversion	22	30	55	100	186	277	327	247	141	81	70	65	1,601
	Return													<u>2/</u>
	Consumptive Use													
<b>LAKE MEAD NATIONAL RECREATION AREA</b>														
Diversion from Lake Mead	Diversion	35	31	32	64	81	100	117	112	83	72	57	40	824
Diversion from Lake Mohave	Diversion													3
	Return													<u>2/</u>
	Consumptive Use													
<b>BASIC MANAGEMENT, INC.</b>														
Diversion at Saddle Island, Lake Mead <u>4/</u>	Diversion	1,244	1,211	1,317	1,563	1,593	2,029	2,111	2,231	2,022	1,745	1,484	1,271	19,821
	Return													<u>5/</u>
	Consumptive Use													
<b>CITY OF HENDERSON</b>														
Diversion at Saddle Island, Lake Mead <u>1/</u>	Diversion	14	5	121	137	258	292	279	201	133	57	46	211	1,754
	Return													<u>2/</u>
	Consumptive Use													
<b>LAS VEGAS VALLEY WATER DISTRICT</b>														
Diversion at Saddle Island, Lake Mead <u>1/</u>	Diversion	3,033	2,502	2,865	3,751	3,977	5,064	6,411	5,908	4,925	4,548	3,601	3,106	49,691
	Return													<u>5/</u>
	Consumptive Use													
<b>NEVADA STATE DEPT. OF FISH AND GAME</b>														
Diversion near Saddle Island, Lake Mead	Diversion					112	231	264	262	242	290	278	315	1,994
	Return					112	230	263	262	242	288	277	314	1,988
	Consumptive Use					0	1	1	0	0	2	1	1	6
<b>JOHNS-MANVILLE SALES CORPORATION</b>														
Diversion at Gypsum Wash	Diversion	35	44	34	37	47	42	40	37	41	35	36	32	460
	Return													<u>2/</u>
	Consumptive Use													
<b>CITY OF NORTH LAS VEGAS</b>														
Diversion at Saddle Island, Lake Mead <u>1/</u>	Diversion	27	33	36	136	359	290	384	353	279	306	201	0	2,404
	Return													<u>2/</u>
	Consumptive Use													
<b>NELLIS AIR FORCE BASE</b>														
Diversion at Saddle Island, Lake Mead <u>1/</u>	Diversion	34	51	61	85	117	149	187	157	156	168	100	52	1,317
	Return													<u>2/</u>
	Consumptive Use													

DIVERSIONS FROM MAINSTREAM — AVAILABLE RETURN FLOW  
AND CONSUMPTIVE USE OF SUCH WATER  
CALENDAR YEAR 1973  
STATE OF NEVADA

(B)

Sheet 2 of 2  
Final Records  
(ACRE - FEET)

WATER USER		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTALS
RAMEILLI, WILLIAM C. Lot No. 3, Sec. 13, T. 32 S., R. 66 E., MDB&M	Diversion													3 6/ 2/
RIO ALTO VISTA PROPERTIES Sec. 24, T. 32 S., R. 66 E., MDB&M	Diversion													0 6/ 2/
SOUTHERN CALIFORNIA EDISON COMPANY Diversion at Pumping Plant in Sec. 24, T. 32 S., R. 66 E., MDB&M	Diversion	1,161	548	622	866	886	982	1,468	1,104	1,594	1,128	986	842	12,188
	Return													2/
	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													1 6/ 2/
PORTENIER, WARREN E. 1 Pump W 1/2, Lot No. 1, Sec. 33, T. 32 S., R. 66 E., MDB&M	Diversion													42 6/ 2/
WELLS, JOHN C. 1 Pump E 1/2, Lot No. 2, Sec. 33, T. 32 S., R. 66 E., MDB&M	Diversion													10 6/ 2/
CAVANAGH, MILTON E. 1 Pump W 1/2, Lot No. 2, Sec. 33, T. 32 S., R. 66 E., MDB&M	Diversion													20 6/ 2/
NEVADA TOTALS	Diversion	5,701	4,551	5,260	6,927	7,887	9,738	11,886	10,902	9,911	8,710	7,035	6,050	94,637 7/
	Return	0	0	0	0	112	230	263	262	242	288	277	314	1,988
	Consumptive Use	5,701	4,551	5,260	6,927	7,775	9,508	11,623	10,640	9,669	8,422	6,758	5,736	92,649 7/

NOTE: The term "Consumptive Use" in this tabulation means measured diversion less 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/ Reports annually.

7/ The total is 79 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 1973

The following tabulations for calendar year 1973 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.

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

(C)

QUANTITY OF SUCH WATER DELIVERED TO MEXICO IN SATISFACTION OF MEXICAN TREATY OR DIVERTED BY OTHERS  
CALENDAR YEAR 1973  
STATE OF ARIZONA

Sheet 1 of 3  
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	238	1,652	589	823	2,144	1,051	694	1,394	651	910	795	2,690	13,631
	Delivered to Mexico in Satisfaction of Treaty	0	0	0	0	0	0	0	0	0	0	0	0	0
	Diverted by Others	0	276	335	418	863	385	327	280	125	131	36	504	3,680
	Delivered to Storage 2/ Delivered to Mexico in Excess of Treaty	238	1,299	222	405	1,281	666	367	1,114	526	779	759	2,186	9,842
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	738	617	992	629	736	748	748	770	430	518	383	434	7,743
	Delivered to Mexico in Satisfaction of Treaty	0	0	0	0	0	0	0	0	0	0	0	0	0
	Diverted by Others	133	161	123	329	323	111	105	266	264	337	46	139	2,337
	Delivered to Storage 2/ Delivered to Mexico in Excess of Treaty	605	428	815	300	413	637	643	502	166	181	337	295	5,322
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	1,755	3,560	5,480	226	3,122	553	1,317	9,063	5,288	2,233	821	2,434	35,852
	Delivered to Mexico in Satisfaction of Treaty	0	0	0	0	0	0	0	0	0	0	0	0	0
	Diverted by Others	619	763	323	117	1,706	156	742	1,831	3,541	1,559	131	1,168	12,656
	Delivered to Storage 2/ Delivered to Mexico in Excess of Treaty	1,136	2,420	4,872	109	1,416	397	575	5,998	1,747	674	690	1,266	21,300
		0	377	285	0	0	0	0	1,234	0	0	0	0	1,896



RELEASES OF MAINSTREAM WATER PURSUANT TO ORDERS

(VIC)

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 1973

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	500	1,015	508	486	446	525	803	708	587	226	912	526	7,242
	Delivered to Mexico in Satisfaction of Treaty	0	0	0	0	0	0	0	0	0	0	0	0	0
	Diverted by Others	52	378	20	309	164	27	113	192	446	77	81	139	1,998
	Delivered to Storage 2/	448	601	446	177	282	498	690	466	141	149	831	387	5,116
	Delivered to Mexico in Excess of Treaty	0	36	42	0	0	0	0	50	0	0	0	0	128
Yuma Mesa Irrigation and Drainage District Diversion at Imperial Dam	Ordered but not Diverted	1,279	1,559	1,856	1,023	1,269	742	212	1,991	1,331	1,273	1,490	1,605	15,630
	Delivered to Mexico in Satisfaction of Treaty	0	0	0	0	0	0	0	0	0	0	0	0	0
	Diverted by Others	553	345	163	494	779	135	26	529	942	734	677	764	6,141
	Delivered to Storage 2/	726	1,095	1,557	529	490	607	186	1,250	389	539	813	841	9,022
	Delivered to Mexico in Excess of Treaty	0	119	136	0	0	0	0	212	0	0	0	0	467
Unit B Irrigation and Drainage District Diversion at Imperial Dam	Ordered but not Diverted	305	266	480	533	196	359	272	527	571	341	331	301	4,482
	Delivered to Mexico in Satisfaction of Treaty	0	0	0	0	0	0	0	0	0	0	0	0	0
	Diverted by Others	20	115	2	295	97	46	20	59	442	230	101	192	1,619
	Delivered to Storage 2/	285	151	444	238	99	313	252	468	129	111	230	109	2,829
	Delivered to Mexico in Excess of Treaty	0	0	34	0	0	0	0	0	0	0	0	0	34
City of Yuma Diversion at Imperial Dam	Ordered but not Diverted	0	32	128	0	0	73	101	233	100	29	23	0	719
	Delivered to Mexico in Satisfaction of Treaty	0	0	0	0	0	0	0	0	0	0	0	0	0
	Diverted by Others	0	10	9	0	0	29	77	117	38	14	13	0	307
	Delivered to Storage 2/	0	20	115	0	0	44	24	115	62	15	10	0	405
	Delivered to Mexico in Excess of Treaty	0	2	4	0	0	0	0	1	0	0	0	0	7
Yuma County Water Users' Association Diversion at Imperial Dam	Ordered but not Diverted	1,541	3,986	3,291	1,261	694	2,416	860	597	25	3,519	3,575	1,528	23,293
	Delivered to Mexico in Satisfaction of Treaty	0	0	0	0	0	0	0	0	0	0	0	0	0
	Diverted by Others	1,236	1,218	240	1,125	343	954	658	299	10	1,696	2,106	1,119	11,004
	Delivered to Storage 2/	305	2,572	2,945	136	351	1,462	202	297	15	1,823	1,469	409	11,986
	Delivered to Mexico in Excess of Treaty	0	196	106	0	0	0	0	1	0	0	0	0	303
Cocopah Indian Reservation Diversion at Imperial Dam	Ordered but not Diverted	2	0	20	4	0	2	1	1	0	4	8	1	43
	Delivered to Mexico in Satisfaction of Treaty	0	0	0	0	0	0	0	0	0	0	0	0	0
	Diverted by Others	2	0	1	3	0	1	1	0	0	2	5	1	16
	Delivered to Storage 2/	0	0	18	1	0	1	0	1	0	2	3	0	26
	Delivered to Mexico in Excess of Treaty	0	0	1	0	0	0	0	0	0	0	0	0	1

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

CALENDAR YEAR 1973

STATE OF ARIZONA

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	6,358	12,687	13,344	4,985	8,607	6,469	5,008	15,284	8,983	9,053	8,338	9,519	108,635
	Delivered to Mexico in Satisfaction of Treaty	0	0	0	0	0	0	0	0	0	0	0	0	0
	Diverted by Others	2,615	3,266	1,216	3,090	4,275	1,844	2,069	3,573	5,808	4,780	3,196	4,026	39,758
	Delivered to Storage <sup>2/</sup>	3,743	8,586	11,434	1,895	4,332	4,625	2,939	10,211	3,175	4,273	5,142	5,493	65,848
	Delivered to Mexico in Excess of Treaty	0	835	694	0	0	0	0	1,500	0	0	0	0	3,029

<sup>1/</sup> No orders received.

<sup>2/</sup> Available for future use.

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

CALENDAR YEAR 1973

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
Metropolitan Water District Diversion at Lake Havasu	Ordered but not Diverted	656	0	0	552	321	149	168	828	527	1,019	764	166	5,150
	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 1/2 Delivered to Mexico in Excess of Treaty	656	0	0	552	321	149	168	828	527	1,019	764	166	5,150
Palo Verde Irrigation District Diversion at Palo Verde Diversion Dam	Ordered but not Diverted	1,636	3,424	3,515	865	1,365	623	1,224	2,722	2,979	1,980	3,255	1,652	25,240
	Delivered to Mexico in Satisfaction of Treaty	0	0	0	0	0	0	0	0	0	0	0	0	0
	Diverted by Others	170	28	320	89	0	40	234	127	353	125	391	143	2,020
	Delivered to Storage 1/2 Delivered to Mexico in Excess of Treaty	1,466	3,047	2,767	776	1,365	583	990	2,595	2,626	1,855	2,864	1,509	22,443
Yuma Project Reservation Division - Bard Unit Diversion at Imperial Dam	Ordered but not Diverted	274	484	374	213	729	1,052	1,052	481	452	487	310	325	6,233
	Delivered to Mexico in Satisfaction of Treaty	0	0	0	0	0	0	0	0	0	0	0	0	0
	Diverted by Others	198	139	50	200	346	667	876	180	258	335	124	262	3,635
	Delivered to Storage 1/2 Delivered to Mexico in Excess of Treaty	76	324	300	13	383	385	176	300	194	152	186	63	2,552
Yuma Project Reservation Division - Indian Unit Diversion at Imperial Dam	Ordered but not Diverted	317	623	477	186	538	541	469	312	416	544	230	274	4,927
	Delivered to Mexico in Satisfaction of Treaty	0	0	0	0	0	0	0	0	0	0	0	0	0
	Diverted by Others	230	180	63	175	255	343	391	117	237	375	92	220	2,678
	Delivered to Storage 1/2 Delivered to Mexico in Excess of Treaty	87	416	382	11	283	198	78	194	179	169	138	54	2,189
Imperial Irrigation District Diversion at Imperial Dam	Ordered but not Diverted	0	9,316	4,782	0	0	0	0	1,652	0	0	794	0	16,544
	Delivered to Mexico in Satisfaction of Treaty	0	0	0	0	0	0	0	0	0	0	0	0	0
	Diverted by Others	0	194	0	0	0	0	0	159	0	0	0	0	353
	Delivered to Storage 1/2 Delivered to Mexico in Excess of Treaty	0	8,271	4,258	0	0	0	0	1,245	0	0	794	0	14,568
	Ordered but not Diverted	0	851	524	0	0	0	0	248	0	0	0	0	1,623
	Delivered to Mexico in Satisfaction of Treaty	0	0	0	0	0	0	0	0	0	0	0	0	0
	Diverted by Others	0	194	0	0	0	0	0	159	0	0	0	0	353
	Delivered to Storage 1/2 Delivered to Mexico in Excess of Treaty	0	8,271	4,258	0	0	0	0	1,245	0	0	794	0	14,568

32

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  
CALENDAR YEAR 1973  
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
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 <sup>1/</sup>	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	2,883	13,847	9,148	1,816	2,953	2,365	2,913	5,995	4,374	4,030	5,353	2,417	58,094
	Delivered to Mexico in Satisfaction of Treaty	0	0	0	0	0	0	0	0	0	0	0	0	0
	Diverted by Others	598	541	433	464	601	1,050	1,501	583	848	835	607	625	8,686
	Delivered to Storage <sup>1/</sup>	2,285	12,058	7,707	1,352	2,352	1,315	1,412	5,162	3,526	3,195	4,746	1,792	46,902
	Delivered to Mexico in Excess of Treaty	0	1,248	1,008	0	0	0	0	250	0	0	0	0	2,506

<sup>1/</sup> Available for future use.

RECORDS OF DELIVERIES TO MEXICO OF WATER  
IN SATISFACTION OF THE TREATY OF FEBRUARY 3, 1944,  
AND WATER PASSING TO MEXICO IN EXCESS OF TREATY  
REQUIREMENTS IN ACCORDANCE WITH ARTICLE V(D) OF THE  
DECREE OF THE SUPREME COURT OF THE UNITED STATES  
IN ARIZONA v. CALIFORNIA DATED MARCH 9, 1964

- - -

CALENDAR YEAR 1973

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 1973

Final Records  
(ACRE - FEET)

	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTALS
Deliveries to Mexico in Satisfaction of Treaty	121,606	101,339	192,138	173,492	95,339	132,145	162,142	158,899	89,482	79,004	64,872	129,542	1,500,000
Passing to Mexico in Excess of Treaty Requirements	8,343	10,654	9,151	8,860	12,946	44	7,574	1,019	18,114	18,570	18,276	11,601	125,152 <sup>1/</sup>

<sup>1/</sup> Includes 119,139 acre-feet delivered pursuant to Minute 241.

RECORDS OF DIVERSIONS OF WATER  
FROM THE MAINSTREAM OF THE GILA AND SAN FRANCISCO RIVERS  
AND THE CONSUMPTIVE USE OF SUCH WATER, FOR THE BENEFIT  
OF THE GILA NATIONAL FOREST IN ACCORDANCE WITH ARTICLE V(E)  
OF THE DECREE OF THE SUPREME COURT OF THE UNITED STATES  
IN ARIZONA v. CALIFORNIA DATED MARCH 9, 1964

- - -

CALENDAR YEAR 1973

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 1973

(E)

Final Records  
 (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