

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

BUREAU OF RECLAMATION
Ellis L. Armstrong, 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

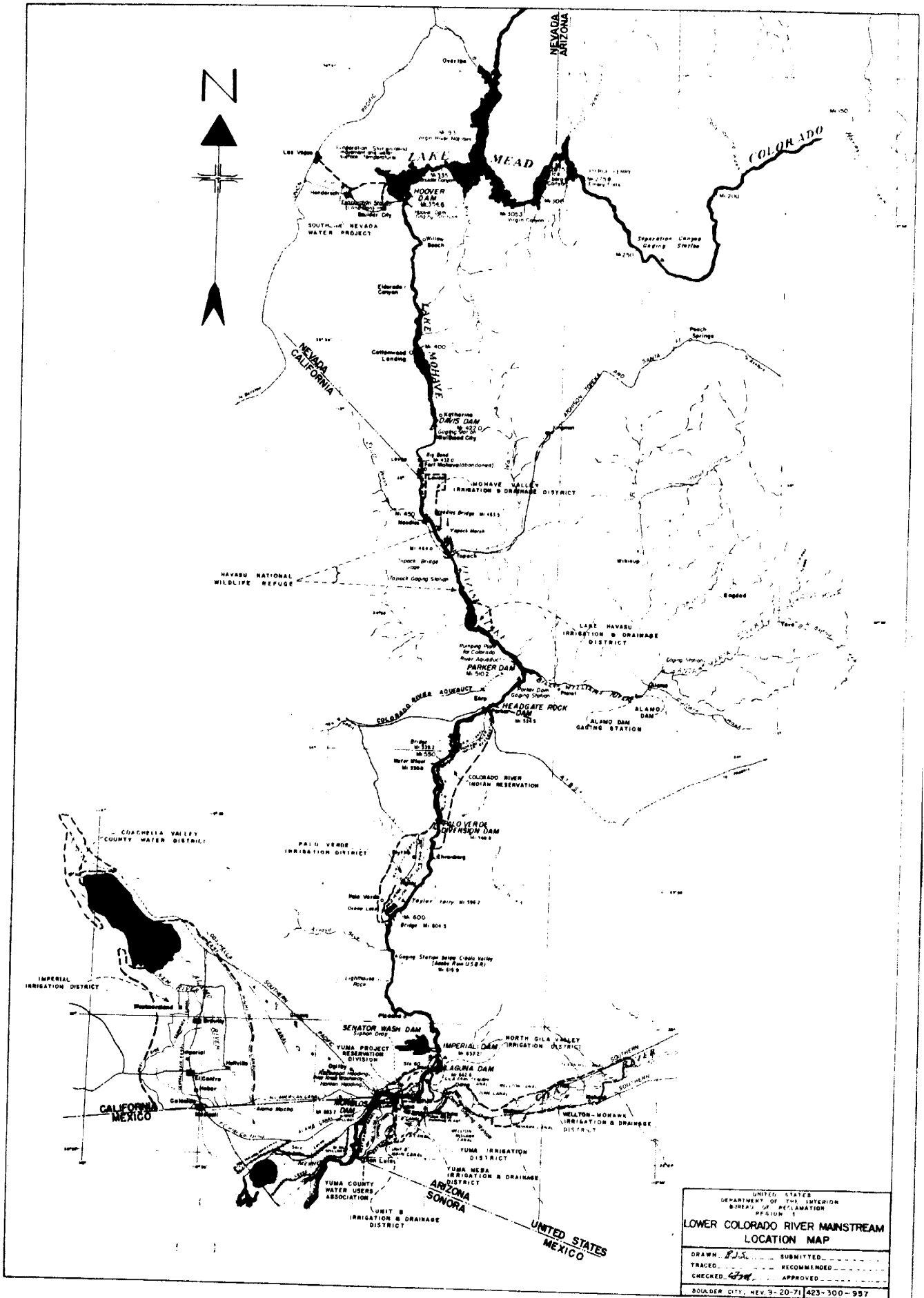
CALENDAR YEAR 1971

Division of Water and Land Operations
Boulder City, Nevada

August 25, 1972

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UNITED STATES
 DEPARTMENT OF THE INTERIOR
 BUREAU OF RECLAMATION
 REGION 5
**LOWER COLORADO RIVER MAINSTREAM
 LOCATION MAP**

DRAWN <i>P.J.S.</i>	SUBMITTED
TRACED	RECOMMENDED
CHECKED <i>W.S.</i>	APPROVED

BOULDER CITY, NEV. 9-20-71 425-300-937

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

- - -

CALENDAR YEAR 1971

The following tabulations for calendar year 1971 show final records of releases of water through regulatory structures controlled by the United States. At Hoover, Davis, Parker, Palo Verde, and Imperial 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 "Divisions for Colorado River Indian Reservation, near Parker, Arizona." The diversions are made at Headgate Rock Dam.

The record of flow through Laguna Dam was computed by adjusting the record of flow through Imperial Dam by storage changes in the reservoir above Laguna Dam.

RELEASE OF WATER THROUGH REGULATORY STRUCTURES
CONTROLLED BY THE UNITED STATES

(VIA)

CALENDAR YEAR 1971

Final Records
(ACRE FEET)

Structure	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTALS
Hoover Dam	560,800	563,100	859,500	913,200	860,900	741,000	739,700	741,700	622,900	502,700	452,400	506,400	8,164,000
Davis Dam	148,500	599,600	922,700	888,100	781,600	849,300	999,500	744,000	651,800	505,100	415,000	438,800	8,247,000
Parker Dam	338,600	465,800	742,700	746,000	660,600	742,900	877,500	690,000	565,400	397,100	309,300	355,500	6,911,000
Headgate Rock Dam 1/	319,600	438,100	681,900	681,800	595,900	684,000	804,800	625,700	503,300	353,800	273,100	518,500	6,280,000
Palo Verde Diversion Dam 2/	291,500	365,300	590,600	566,700	482,700	540,400	653,100	529,100	420,600	314,400	239,700	275,000	5,269,000
Imperial Dam 3/	15,950	16,500	21,630	22,400	16,980	19,120	22,640	28,100	22,330	21,170	17,200	15,080	239,000
Laguna Dam 4/	16,300	16,420	21,680	22,030	17,580	17,580	23,890	28,450	20,730	22,460	16,640	15,890	239,600

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 Hittory Lake.

4/ Colorado River below Imperial Dam adjusted by storage change in the reservoir above Laguna Dam.

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 1971

The following tabulations for calendar year 1971, 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 1971 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 1971
STATE OF ARIZONA

V(9)

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	11	10	11	15	20	23	28	29	27	24	21	17	236 1/
Mohave Valley Irrigation and Drainage District Pumped from wells and from inlet channel to Havasu National Wildlife Refuge	416	676	903	1,669	1,356	1,417	1,905	1,289	1,209	934	596	293	12,665 1/
Havasu National Wildlife Refuge Inlet - NW1/4NW1/4, Sec. 33, T. 9 N., R. 23 E., SRM Less diversion from inlet channel by pump in SW1/4SE1/4, Sec. 24, T. 17 N., R. 22 W., GASRM	349	522	3,220	3,230	2,120	5,120	4,110	4,170	4,800	3,830	1,690	4,080	37,241 1,960 2/
1 well - NE1/4NE1/4, Sec. 15, T. 8 N., R. 23 E., Diversion SRM	0	0	0	27	27	31	31	16	28	34	42	2	238
Outlet - SW1/4SE1/4, Sec. 27, T. 16 N., R. 21 W., Return GASRM	0	0	0	0	0	0	0	0	2,710	385	0	0	3,095 34,384
Lake Havasu Irrigation and Drainage District Pumped from wells	349	522	3,220	3,257	2,147	5,151	4,141	4,186	2,118	3,479	1,732	4,082	37,241 1,960 2/
Town of Parker 1 well NW1/4NW1/4, Sec. 7, T. 9 N., R. 19 W., GASRM	133	212	260	323	319	330	497	419	437	357	280	202	3,769 1/
1 well SW1/4NW1/4, Sec. 15, T. 9 N., R. 20 W., GASRM	32	38	46	54	64	84	103	82	76	39	27	18	666
Colorado River Indian Reservation Diversion at Headgate Rock Dam Pumped from 2 wells at Parker SW1/4SE1/4, Sec. 2, T. 9 N., R. 20 W., GASRM	19,010	47,710	60,760	64,170	64,730	58,870	72,700	64,330	62,090	43,310	36,210	37,000	630,890 41
1 well at Valley Field Office NW1/4NE1/4, Sec. 1, T. 8 N., R. 21 W., GASRM	1	1	1	1	2	2	2	2	2	1	1	1	17
4 wells at Poston NW1/4, Sec. 36, T. 8 N., R. 21 W., GASRM	2	3	3	3	4	4	4	4	4	3	3	3	40

Footnotes are on page 11

(b)
 DIVERSIONS FROM MAINSTREAM - AVAILABLE RETURN FLOW
 AND CONSUMPTIVE USE OF SUCH WATER

CALENDAR YEAR 1971
 STATE OF ARIZONA

Sheet 2 of 4

Water User	Final Records												
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTALS
3 pumps SWJNEA, Sec. 14, T. 5 N., R. 22 W., G&SRM	368	1,119	1,905	1,502	1,922	1,391	2,067	1,887	1,547	542	1,462	770	10,482
2 pumps NE-SWJNEA, Sec. 14, T. 4 N., R. 22 W., G&SRM	24	178	545	123	318	571	471	291	349	362	522	333	4,087
Imperial National Wildlife Refuge 2 wells NWJWJNW, Sec. 13, T. 5 S., R. 22 W., G&SRM	18,800	22,390	30,210	30,200	32,820	27,780	31,900	35,280	31,920	31,840	30,320	30,620	354,340
SWJNEA, Sec. 13, T. 5 S., R. 22 W., G&SRM	608	26,654	33,007	35,602	34,160	33,062	43,348	31,238	32,076	12,361	7,681	7,190	257,217
Yuma Proving Ground, U.S. Army Diversion at Imperial Dam	1	1	1	1	1	1	1	1	6	17	37	46	114
North Gila Valley Irrigation District Diversion at Imperial Dam	2,427	4,818	4,668	4,889	5,279	5,206	6,203	4,681	6,092	4,150	4,701	2,058	54,532
Warren Act Contractors Outside Gila Project Districts Diversion at Imperial Dam	430	533	860	905	975	718	848	794	1,050	1,072	793	536	9,514
	1,997	4,285	3,828	3,984	4,304	4,488	5,355	3,887	5,042	3,076	3,208	1,562	45,016
Wellton-Mohawk Irrigation and Drainage District Diversion at Imperial Dam	0	0	0	0	0	0	0	0	0	183	420	202	605
Yuma Irrigation District Diversion at Imperial Dam Pumped from Private wells	22,318	33,818	46,566	57,974	57,327	54,791	69,163	60,558	58,235	27,285	21,875	20,656	530,673
	18,660	13,710	12,580	17,210	16,080	17,110	18,240	18,010	16,660	16,520	16,210	16,850	211,800
	3,658	18,204	27,986	40,764	41,307	37,681	50,993	42,548	43,555	8,765	3,565	1,609	216,173
	2,269	4,654	4,601	4,407	5,733	5,483	4,754	5,227	5,002	3,636	3,560	2,260	51,750
	1,106	1,443	1,951	2,877	2,430	2,604	3,155	2,333	3,040	1,082	1,002	566	23,689

Footnotes are on page 11

(B)
DIVERSIONS FROM MAINSTREAM - AVAILABLE RETURN FLOW
AND CONSUMPTIVE USE OF SUCH WATER

CALENDAR YEAR 1971
STATE OF ARIZONA

Sheet 3 of 4

Final Records
1971

Water User	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTALS
Yuma Mesa Irrigation and Drainage District Diversion at Imperial Dam	14,233	13,143	16,397	23,100	26,513	30,043	32,372	31,522	24,409	15,152	11,741	10,649	251,274 6/1
Unit "B" Irrigation and Drainage District Diversion at Imperial Dam	2,030	2,191	2,961	3,409	3,630	4,614	5,473	5,323	4,606	2,531	2,153	1,953	40,804 7/1
Returns from South Gila Valley	3,765	5,048	9,043	7,451	2,974	5,097	8,116	8,132	3,952	3,965	3,913	4,406	65,952
City of Yuma Diversion at Imperial Dam	656	624	631	872	1,049	1,248	1,604	1,355	1,242	868	732	611	11,698
Yuma County Water Users' Association Diversion at Imperial Dam Pumped from wells	1,005	808	882	1,133	1,133	1,017	1,017	871	971	958	20	25	11,355
Cocopah Indian Reservation Diversion at Imperial Dam Pumped from wells	11,017	10,988	12,142	11,723	12,140	12,289	12,090	12,326	12,549	12,044	12,449	11,132	143,796
Other Users Pumping from Colorado River and wells in flood plain Davis Dam to International Boundary 10/	6,672	14,023	16,891	20,076	20,707	16,588	28,369	21,548	19,037	10,926	4,149	241	175,227
ARIZONA TOTALS	66	107	74	104	52	68	238	98	48	0	5	74	934
	4	4	2	3	2	2	6	3	2	0	0	7	35
	4,376	6,289	7,750	8,928	9,434	9,021	11,544	9,021	7,944	5,216	4,456	4,456	86,917 1/1
	87,526	142,576	154,665	209,483	215,183	209,805	256,895	226,522	212,765	133,435	107,923	97,781	2,086,649 1/1
	52,669	54,664	70,865	67,530	64,965	63,018	71,242	74,599	68,891	23,766	25,704	25,959	788,652
	34,857	86,012	113,800	141,953	150,218	146,787	189,653	151,923	143,894	64,685	42,229	31,822	1,697,997 1/1

1,296,810
52,178

Footnotes are on page 11

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

CALENDAR YEAR 1971

STATE OF ARIZONA

Sheet 4 of 4

Final Records

(8)

Water User

	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTALS
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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 55,208 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:

Contractor

City of Yuma
Desert Lawn Memorial Association
Southern Pacific Company
Southern Pacific Company
Ritz Distribution Company
Yuma Mesa Fruit Growers Association
County of Yuma, Arizona
Marine Corps Air Station, Dept. of Navy
Total

Point of Delivery

B3.7 Lateral
B3.7 Lateral
B3.7 Lateral
After bay of Yuma Mesa Pumping Plant
B3.7 Lateral
B3.7 W. Lateral
B3.6 Lateral
B Canal and B -5.5 W. Lateral

Annual Delivery

33
98
12
48
10
10
12
1,524
1,747

- 7/ Includes deliveries to the following users who have contracts with the United States:
University of Arizona
Camille Allec, Jr.

B Main Canal
B-8 Lateral

899
96

- 8/ Includes deliveries to the following water users who have contracts with the United States:
Yuma Union High School District
City of Yuma - Smucker Park

Yuma Main Canal
Yuma Main Canal

236
149

- 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.
Details on Arizona Supplemental Sheets 1-5.
The total is 1,960 acre-feet less than the sum of the monthly totals because of nonavailability of monthly distribution of item footnoted 2/.

DIVERSTIONS FROM MAINSTREAM - AVAILABLE RETURN FLOW
AND CONSUMPTIVE USE OF SUCH WATER

V (R) Supplemental Sheet 1 of 5
Water Agency pumping from
Colorado River and well
in down plain

CALENDAR YEAR 1971
STATE OF ARIZONA

	ACRE - fff												
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTALS
Clayton Farms	216	326	474	296	266	157	802	663	507	164	114	13	1,958
2 Pumps													2/
SE1/4, SW1/4 sec. 34, T.14 N., R.22 W., G and SRM													
Clayton Farms	53	17	14	0	21	36	6	68	29	7	15	0	246
1 well													2/
SW1/4, SE1/4 sec. 34, T.14 N., R.22 W., G and SRM													
Van Horn, George													450
2 Pumps													
SE1/4, SW1/4 sec. 28, T.13 N., R.22 W., G and SRM													
NE1/4, SW1/4 sec. 28, T.13 N., R.22 W., G and SRM													
Sprall, Wayne													3,330
1 Pump													
SE1/4, SW1/4 sec. 21, T.11 N., R.23 W., G and SRM													
Cibola Valley Irrigation and Drainage District													21,400
3 Pumps													
SE1/4, SE1/4 sec. 20, T.11 N., R.23 W., G and SRM													
Woodward													1,724
1 Pump													
SW1/4, NE1/4 sec. 2, T.1 S., R.24 W., G and SRM													
Snitzer and Cockrell													2,160
1 Pump													
NE1/4, NE1/4 sec. 1, T.2 S., R.24 W., G and SRM													
Snitzer and Cockrell													2,160
1 Pump													
NE1/4, SW1/4 sec. 31, T.2 S., R.23 W., G and SRM													
Barretts - Davis Dam to Imperial Dam	249	403	488	296	287	193	808	753	536	171	131	17	4,334
Diversions	1,232	2,327	2,895	3,274	3,373	3,163	4,014	3,801	3,072	2,076	1,936	1,940	32,524
Diversions													
Diversions													
Francis, Leroy													829
1 well													
SW1/4, NE1/4 sec. 14, T.7 S., R.22 W., G and SRM													
1 Pump													
SW1/4, NE1/4 sec. 14, T.7 S., R.22 W., G and SRM													
Stiggs, Steve													17,396
1 well													
NE1/4, SE1/4 T. 8 S., R. 21 W., and Sec. 13 and													
14, T. 8 S., R. 22 W., G&SRM													

Footnotes are on page 16

DIVERSIONS FROM MAINSTREAM - AVAILABLE RETURN FLOW

AND CONSUMPTIVE USE OF SUCH WATER

CALENDAR YEAR 1971

STATE OF ARIZONA

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

	ACRE FEET												TOTALS
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	
Tudor, Tom 1 Well SW ¹ / ₄ NE ¹ / ₄ SE ¹ / ₄ sec.8, T.8 S., R.22 W., G and SRM													1,104
Croves, James 1 Well SE ¹ / ₄ SW ¹ / ₄ sec.7, T.8 S., R.22 W., G and SRM	53	1	110	136	115	57	52	104	54	76	21	0	826 2/
Fletcher and Moenk 1 Well SE ¹ / ₄ NE ¹ / ₄ SW ¹ / ₄ sec.18, T.8 S., R.22 W., G and SRM	124	11	176	322	341	370	390	283	357	252	224	197	3,143 2/
Fletcher and Moenk 2 Wells SW ¹ / ₄ SE ¹ / ₄ SE ¹ / ₄ sec.18, T.8 S., R.22 W., G and SRM NW ¹ / ₄ SW ¹ / ₄ SW ¹ / ₄ sec.13, T.8 S., R.23 W., G and SRM 1 Pump SE ¹ / ₄ SE ¹ / ₄ NE ¹ / ₄ sec.24, T.8 S., R.23 W., G and SRM	0	0	0	2	0	0	0	0	0	0	6	6	1,752
Shattuck and Whitman Ranch 1 Well SE ¹ / ₄ NE ¹ / ₄ SW ¹ / ₄ sec.24, T.8 S., R.22 W., G and SRM													16 2/
Rupp, Earl 1 Well SE ¹ / ₄ NE ¹ / ₄ NE ¹ / ₄ sec.13, T.8 S., R.23 W., G and SRM													1,380
Mauldin Farms 2 Wells SE ¹ / ₄ SW ¹ / ₄ SW ¹ / ₄ sec.19, T.8 S., R.22 W., G and SRM	95	1	0	0	63	96	142	101	61	41	44	39	749 2/
Mauldin Farms 1 Well SW ¹ / ₄ SW ¹ / ₄ SW ¹ / ₄ sec.24, T.8 S., R.23 W., G and SRM	52	1	0	2	142	150	0	0	0	0	1	73	419 2/
Mauldin Farms 1 Well NE ¹ / ₄ SE ¹ / ₄ SW ¹ / ₄ sec.23, T.8 S., R.23 W., G and SRM	9	11	36	159	75	114	215	1	160	69	0	0	549 2/
Brace Church Company 1 Well SW ¹ / ₄ SE ¹ / ₄ SW ¹ / ₄ sec.22, T.8 S., R.23 W., G and SRM	23	11	22	26	37	14	0	0	0	0	32	14	182 2/
Power, Pete 1 Well NW ¹ / ₄ NE ¹ / ₄ sec.31, T.16 S., R.23 E., SRM													584

Footnotes are on page 16

DIVERSIONS FROM MAINSTREAM - AVAILABLE RETURN FLOW

AND CONSUMPTIVE USE OF SUCH WATER

CALENDAR YEAR 1971

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
Moulidin, Lee 1 Well RESEIWS sec.28, T.16 S., R.22 E., SRM	39	30	7	80	37	0	1	2	1	1	0	0	198 2/
Curtis, Almon 1 Pump SWNE1/4 sec.29, T.16 S., R.22 E., SRM	0	42	13	27	19	47	24	26	0	0	26	25	252 2/
Power, Bill 1 Pump SW1/4 sec.30, T.16 S., R.22 E., SRM													1,980
Power, R. E. 1 Pump SW1/4 sec.30, T.16 S., R.22 E., SRM													1,920
Hall, Ansil 1 Pump NW1/4 sec.36, T.16 S., R.21 E., SRM													330
Yucca Power Plant 2 Wells NE1/4SW1/4 sec.36, T.16 S., R.21 E., SRM RESEIWS sec.36, T.16 S., R.21 E., SRM	64	53	35	13	13	66	76	76	80	62	71	86	695 2/
Burrell 1 Well N1/4 sec.33, T.8 S., R.24 W., G and SRM													180
Coxner, J. C. 2 Wells NW1/4 sec.25, T.9 S., R.25 W., G and SRM													780
Hudson, C. A. 1 Well SE1/4NW1/4 sec.19, T.9 S., R.24 W., G and SRM	43	20	23	84	133	152	159	133	103	2	67	50	609 2/
Hudson, C. A. 1 Well NE1/4NW1/4 sec.19, T.9 S., R.24 W., G and SRM	29	14	15	58	92	105	113	93	84	0	46	36	667 2/
Hudson, C. A. 1 Well N1/4 sec.19, T.9 S., R.24 W., G and SRM	31	14	16	60	93	111	113	93	84	3	42	30	703 2/

Footnotes are on page 16

DIVERSIONS FROM MAINSTREAM - AVAILABLE RETURN FLOW

AND CONSUMPTIVE USE OF SUCH WATER

CALENDAR YEAR 1971

STATE OF ARIZONA

V(6)

Supplemental Meter 1, 2, 3, 4, 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
Moore, Howard 1 Well NE 1/4 sec. 36, T.9 S., R.25 W., G and SRM	288	267	352	374	396	447	487	482	464	23	433	402	4,265
Brand, Wayne 1 Well NE 1/4 sec. 25, T.9 S., R.25 W., G and SRM													358
Sibley, Phil 1 Well NE 1/4 sec. 1, T.10 S., R.25 W., G and SRM	165	227	222	510	510	504	544	396	232	249	283	110	4,042
Sibley, Phil 1 Well NE 1/4 sec. 2, T.10 S., R.25 W., G and SRM													1,134
Sibley, Phil 1 Well NE 1/4 sec. 14, T.10 S., R.25 W., G and SRM	28	28	66	66	142	76	67	0	0	88	0	46	607
Daniel, A. T. 1 Well SW 1/4 sec. 23, T.10 S., R.25 W., G and SRM													160
Cummings, C. and J. 1 Well NE 1/4 sec. 26, T.10 S., R.25 W., G and SRM													522
Berkley, J. 1 Well NE 1/4 sec. 35, T.10 S., R.25 W., G and SRM													156
Brown, Willis A. 1 Well NE 1/4 sec. 2, T.11 S., R.25 W., G and SRM	61	51	99	89	50	12	95	117	106	42	1	5	711
Ruggles, Earl 1 Well SW 1/4 sec. 3, T.11 S., R.25 W., G and SRM	94	103	163	294	199	89	228	151	96	49	19	1	1,412
Subtotals - Imperial Dam to Boundary	2,155	2,467	3,123	3,990	4,374	4,408	4,972	3,608	2,984	1,959	2,176	2,035	36,271
Total - Other Arizona Users Pumping from Colorado River and wells in Flood plain Davis Dam to International Boundary included in Arizona totals on page 10	739	1,072	1,244	1,368	1,400	1,237	1,750	1,459	1,352	1,010	693	464	13,768
	4,376	6,289	7,750	8,928	9,434	9,021	11,544	9,021	7,944	5,216	4,936	4,458	86,917

Footnotes are on page 16

DIVERSIONS FROM MAINSTREAM - AVAILABLE RETURN FLOW

AND CONSUMPTIVE USE OF SUCH WATER

CALENDAR YEAR 1971

STATE OF ARIZONA

7(8)

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

4,441 cft

Water User	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTALS
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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 discharge is shown.
- 4/ Total of items for which monthly discharge is not shown. Distributed according to monthly distribution of diversions of Colorado River Indian Reservation and Palo Verde Irrigation District.
- 5/ Record furnished by diverter.
- 6/ Total of items for which monthly distribution is not shown. Distributed according to monthly distribution of diversions to Valley Division of Yuma Project.

Sheet 1 of 4
Final Records
ACR-1 (11-1)

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DIVERSIONS FROM MAINSTREAM - AVAILABLE RETURNS FLOW
AND CONSUMPTIVE USE OF SUCH WATER

Revisions to CALENDAR YEAR 1967

STATE OF ARIZONA

Water User	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTALS
Revisions to 1967 Report													
Havasu National Wildlife Refuge Inlet - NE1/4SW1/4, Sec. 33, T. 9 N., R. 23 E., SEM	4,750	3,440	7,910	7,230	7,000	7,440	7,750	7,330	5,300	5,390	3,350	1,380	68,270
Less diversion from inlet channel by private pump in SE1/4SW1/4, Sec. 24, T. 17 N., R. 22 W., GASRM													991 1/2
1 well NE1/4SW1/4, Sec. 15, T. 8 N., R. 23 E., SEM													164 1/2
Outlet - SW1/4SW1/4, Sec. 27, T. 16 N., R. 21 W., GASRM	0	40	188	5,780	589	2,910	1,870	2,530	992	284	316	123	15,622
	4,750	3,400	7,722	1,450	6,411	4,530	5,880	4,800	4,308	5,106	3,034	1,257	51,821
Other Users pumping from Colorado River and wells in flood plain Steve Sturges 5 wells in Sec. 18, T. 8 S., R. 21 W., and Secs. 13 and 14, T. 8 S., R. 22 W., GASRM													12,800 1/2
Subtotals - Imperial Dam to Boundary	1,631	1,752	2,992	2,120	2,471	3,049	2,949	2,565	1,596	1,454	1,154	700	24,433
	1,240	1,666	1,965	1,892	2,452	2,339	2,549	2,687	1,908	2,039	1,237	606	22,580
	4,356	6,203	9,769	9,222	10,194	13,102	13,482	11,729	8,603	7,407	5,198	2,461	101,746
	71,460	118,906	168,539	166,381	207,593	216,235	220,985	216,819	142,816	125,059	89,297	53,274	1,816,889 1/2
	46,314	45,867	61,311	67,025	52,794	59,229	67,515	71,022	61,348	55,766	59,394	52,317	709,995
	25,146	73,039	107,228	99,286	154,799	157,006	153,470	145,797	81,470	79,270	29,903	957	1,106,894 1/2
ARIZONA TOTALS													

1/ Monthly distribution not available.

2/ Total of items for which monthly distribution is shown.

3/ Total of items for which monthly distribution is not shown.

4/ The total is 514 acre-feet less than the sum of the monthly totals because of the nonavailability of monthly distribution of some items.

Distributed according to monthly distribution of deliveries to Valley Division of Yuma Project.

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

Revisions to CALENDAR YEAR 1968
STATE OF ARIZONA

(B)

Sheet 2 of 4
Final Records
1968 (11)

Water User	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTALS
Revisions to 1968 Report													
Havasu National Wildlife Refuge													
Inlet - WICKMEADE, Sec. 33, T. 9 N., R. 23 E., S8M													
Less diversions from inlet channel by private pump in SEASIDE, Sec. 24, T. 17 N., R. 22 W., G4SRM													
1 well - WICKMEADE, Sec. 15, T. 8 N., R. 23 E., S8M													
Outlet - SHOSHONE, Sec. 27, T. 16 N., R. 21 W., G4SRM													
Wellton-Mohave Irrigation and Drainage District													
Diversions at Imperial Dam													
Other users pumping from Colorado River and wells in flood plain													
Steve Stauges													
5 wells in Sec. 18, T. 8 S., R. 21 W., and Secs. 13 and 14, T. 8 S., R. 22 W., G4SRM													
Subtotals - Imperial Dam to Boundary													
Total - Arizona													
ARIZONA TOTALS													

1/ Monthly distribution not available.
 2/ Total of items for which monthly distribution is shown.
 3/ Total of items for which monthly distribution is not shown. Distributed according to monthly distribution of diversions to Valley Division of Yuma Project.
 4/ The total is 765 acre-feet less than the sum of the monthly totals because of nonavailability of monthly distribution of some items.

V(B)

DIVERSIONS FROM MAINSTREAM - AVAILABLE RETURN FLOW
AND CONSUMPTIVE USE OF SUCH WATER
Revisions to CALENDAR YEAR 1969

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
<u>Revisions to 1969 Report</u>													
Other users pumping from Colorado River and wells in flood plain.													
Steve Sturges													
5 wells in Sec. 16, T. 8 S., R. 21 W., and													
Secs. 13 and 14, T. 8 S., R. 22 W., G&SRM													
Subtotals - Imperial Dam to Boundary	863	1,136	1,506	1,937	2,393	2,282	2,766	1,503	955	1,248	703	571	18,063
Diversion	937	2,138	2,097	2,612	2,710	2,673	2,875	2,713	2,258	2,078	761	811	24,663
Diversion 2/													
Diversion 3/													
Diversion	2,987	5,187	7,625	8,884	9,656	9,003	10,633	8,317	7,022	7,751	3,549	3,126	83,740
Diversion	61,244	118,106	163,717	184,192	204,960	209,989	233,400	237,752	181,139	137,180	71,200	84,456	1,886,541 1/4
Return	47,611	47,161	63,690	67,067	63,433	64,196	71,901	73,470	64,982	62,433	63,439	59,073	748,456
Consumptive Use	13,633	70,945	100,027	117,125	141,827	145,793	161,499	164,282	116,157	74,747	7,761	25,383	1,138,065 1/4
ARIZONA TOTALS													

1/ Monthly distribution not available.
2/ Total items for which monthly distribution is shown.
3/ Total items for which monthly distribution is not shown. Distributed according to Valley Division of Yuma Project.
4/ The total is 794 acre-feet less than the sum of the monthly totals because of nonavailability of monthly distribution of some items.

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

Revisions to CALENDAR YEAR 1970
STATE OF ARIZONA

Sheet 4 of 4

Final Records
ACRE FEET

Water User	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTALS
Revisions to 1970 Report													
Mellon-Hohawk Irrigation and Drainage District	23,241	30,942	39,222	59,880	58,879	53,545	61,616	56,303	50,554	33,442	23,251	20,377	511,252
Diversion	18,590	15,790	18,240	17,690	17,230	17,220	18,650	17,570	16,620	16,700	18,340	19,090	213,990
Return	4,351	15,152	20,982	42,190	41,649	36,325	42,966	36,733	33,934	14,742	4,911	1,327	297,262
Consumptive Use													
Other users pumping from the Colorado River and wells in flood plain.													
Steve Sturges													
6 wells in Sec. 15, T. 8 S., R. 21 W., and													
Secs. 13 and 14, T. 8 S., R. 22 W., G&SRM													
Subtotals - Imperial Dam to Boundary	1,144	1,439	1,306	1,898	1,680	1,762	1,819	1,044	934	1,145	1,273	723	16,167
Total Arizona	1,582	2,087	1,971	2,955	3,176	2,708	3,039	2,366	2,604	2,136	1,408	969	27,003
ARIZONA TOTALS	4,862	5,450	7,323	7,925	9,129	9,472	10,272	8,789	7,189	7,142	5,333	3,496	86,382
	84,700	122,310	146,824	201,355	216,237	213,773	245,681	225,431	199,124	156,333	109,354	86,532	2,006,178
	58,424	50,988	71,751	74,916	68,263	68,965	74,922	73,211	64,890	69,659	65,316	63,952	806,077
	26,356	71,322	75,073	126,439	147,974	145,188	170,759	152,220	134,234	86,474	44,038	22,580	2,203,101

1/ Monthly distribution not available.
2/ Total of items for which monthly distribution is shown.
3/ Total of items for which monthly distribution is not shown. Distributed according to monthly distribution of diversions to Valley Division of Yuma Project.
4/ The total is 1966 acre-feet less than the sum of the monthly totals because of nonavailability of monthly distribution of some items.

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

CALENDAR YEAR 1971
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 - NWS&S, Sec. 29, T. 9 N., R. 23 E., S8M	118	135	162	295	327	428	578	464	389	288	235	114	3,403
	26	24	27	33	50	58	94	91	69	48	42	28	590
	92	111	135	192	277	370	484	373	320	180	193	86	2,813
Metropolitan Water District of Southern California Diversion from Lake Havasu	97,884	82,481	102,276	104,432	107,971	104,139	107,793	107,045	103,799	107,763	103,620	82,797	1,212,000
Palo Verde Irrigation District Diversion at Palo Verde Diversion Dam	38,910	61,580	75,200	89,590	93,680	90,570	115,800	86,000	82,160	54,200	54,730	54,070	896,490
	30,160	30,860	36,360	37,320	41,690	36,480	39,190	43,800	39,500	36,420	33,920	34,190	437,920
	8,750	30,720	38,840	52,270	51,990	54,090	76,610	44,200	42,660	17,780	20,780	19,880	458,570
City of Blythe 10 Wells - in Sections 29, 32 and 33, T. 6 S., R. 23 E., S8M	174	163	207	246	341	427	619	432	402	289	203	176	3,679
East Blythe County Water District Pumped for domestic use from two wells, one in NWS&S-NE&T and other in NWS&S-SE&T of Section 33, T. 6 S., R. 23 E., S8M	24	28	29	38	39	45	60	62	53	41	34	25	478
Yuma Project Reservation Division Indian Unit Diversion at Imperial Dam	1,840	3,722	4,933	4,730	3,323	2,555	4,232	4,330	4,481	3,018	2,474	1,644	41,282
Yuma Project Reservation Division Bard Unit Diversion at Imperial Dam	2,570	3,221	4,416	4,871	4,339	4,922	6,272	3,734	4,039	3,185	3,433	2,228	47,230
Returns from Yuma Project Reservation Division Drains	1,524	1,546	1,727	2,266	2,063	2,071	2,070	2,440	2,480	2,677	2,431	2,280	25,375
Imperial Irrigation District Diversion at Imperial Dam	178,390	202,119	302,853	309,761	280,014	282,181	307,047	260,622	240,857	248,532	181,569	168,593	2,932,538

Footnotes are on page 22

(CB)
 DIVERSIONS FROM MAINSTREAM - AVAILABLE RETURN FLOW
 AND CONSUMPTIVE USE OF SUCH WATER

CALENDAR YEAR 1971
 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	27,963	28,994	36,869	38,813	47,431	44,482	53,219	53,113	44,962	32,079	26,976	29,544	464,445 1/
City of Winterhaven 1 Well - SENECA, Sec. 27, T. 16 S., R. 22 E., SEM													87 3/4 2/
Other California Users Pumping from Colorado River and wells in Flood plain, Davis Dam to International Boundary 1/	1,645	2,052	2,872	4,130	4,163	4,234	4,999	4,049	3,363	1,675	1,697	1,842	36,721 1/
CALIFORNIA TOTALS	349,518 31,710 317,808	384,495 32,430 352,065	529,817 38,114 491,703	541,628 39,619 517,217	541,628 43,803 497,825	503,983 38,609 465,374	600,619 41,324 559,295	519,851 44,324 475,527	484,505 42,049 442,456	451,010 39,145 411,865	374,971 36,423 338,548	341,033 36,498 304,535	5,638,353 1/2 464,086 5,174,266 1/2

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

5216,3
502192

DIVERIONS FROM MAINSTREAM - AVAILABLE RETURN FLOW
AND CONSUMPTIVE USE OF SUCH WATER

CALENDAR YEAR 1971

STATE OF CALIFORNIA

(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
Williams, Floyd 1 Well SE ¹ NE ¹ SW ¹ sec. 36, T.11 N., R.21 E., S8M	37	7	21	0	0	0	30	84	100	66	27	0	374
Williams, Floyd 1 Well NE ¹ NE ¹ SE ¹ sec. 36, T.11 N., R.21 E., S8M	189	233	233	233	250	291	257	305	267	189	175	155	2,761
Southern California Gas Company 2 Wells SE ¹ SE ¹ SE ¹ sec. 29, T.9 N., R.23 E., S8M													251
F. G. and E. Compressor Station 1 Well (diversion in Arizona) NW ¹ NE ¹ sec. 2, T.15 N., R.21 W., G and SRM													84
Crevelin, A. A. 1 Well SE ¹ NE ¹ SE ¹ sec. 9, T.1 S., R.24 E., S8M													374
Crevelin, A. A. 1 Well NE ¹ SE ¹ SW ¹ sec. 10, T.1 S., R.24 E., S8M													155
SEASW ¹ sec. 10, T.1 S., R.24 E., S8M													2,761
NE ¹ SW ¹ sec. 9, T.1 S., R.24 E., S8M													
SE ¹ SE ¹ SW ¹ sec. 9, T.1 S., R.24 E., S8M													
NE ¹ SE ¹ SW ¹ sec. 15, T.1 S., R.24 E., S8M													
NE ¹ SW ¹ sec. 9, T.1 S., R.24 E., S8M													
SE ¹ NE ¹ NE ¹ sec. 15, T.1 S., R.24 E., S8M													
Iye, R. L. 1 Well SE ¹ NE ¹ SW ¹ sec. 16, T.1 S., R.24 E., S8M	3	4	3	3	3	6	11	9	9	8	5	6	70
Hacker, Martha 1 Well SW ¹ NE ¹ NE ¹ sec. 14, T.3 S., R.23 E., S8M	0	0	0	0	33	59	33	22	0	0	0	0	147
Cox, Norman 1 Pump NE ¹ SW ¹ sec. 13, T.2 S., R.23 E., S8M	100	26	22	72	74	126	117	110	91	80	26	25	1,022

Footnotes are on page 27

DIVERSIONS FROM MAINSTREAM - AVAILABLE RETURN FLOW

AND CONSUMPTIVE USE OF SUCH WATER

CALENDAR YEAR 1971

STATE OF CALIFORNIA

V(B)
Supplemental Sheet 2 of 3
Other users pumping from
Colorado River and wells
in flood plain

(ACRE FILL)

	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTALS
Cox, Norman 1 Pump SMA-SB-1 sec. 13, T. 3 S., R. 23 E., S8M	111	16	214	118	171	399	358	310	313	1	218	260	2,490
Cox, Norman 1 Pump MFA-SB-1 sec. 13, T. 3 S., R. 23 E., S8M	52	93	90	87	95	286	196	239	183	22	144	66	1,583
Curtis Ranch 1 Pump MFA-SB-1 sec. 25, T. 3 S., R. 23 E., S8M	1	111	57	82	87	0	0	0	0	0	0	0	337
Harvey, K. E. 1 Pump SMA-SB-1 sec. 11, T. 4 S., R. 23 E., S8M	1	105	66	58	17	1	97	0	4	3	3	56	422
Clark, Robert 1 Pump SFA-SB-1 sec. 36, T. 4 S., R. 23 E., S8M	52	125	112	109	126	199	215	161	128	52	46	45	1,407
Wagon Wheel Cattle Company 1 Pump MFA-SB-1 sec. 6, T. 5 S., R. 24 E., S8M	0	0	0	161	144	125	60	52	4	0	1	117	694
Wagon Wheel Cattle Company 1 Pump MFA-SB-1 sec. 6, T. 5 S., R. 24 E., S8M	1	0	0	336	303	312	260	260	296	0	100	166	2,091
Wagon Wheel Cattle Company 1 Pump MFA-SB-1 sec. 6, T. 5 S., R. 24 E., S8M	1	0	16	141	138	130	113	0	6	0	0	24	795
Wagon Wheel Cattle Company 1 Pump MFA-SB-1 sec. 7, T. 5 S., R. 24 E., S8M	1	0	120	253	213	229	280	149	224	0	0	46	1,588
Wagon Wheel Cattle Company 1 Pump MFA-SB-1 sec. 7, T. 5 S., R. 24 E., S8M	1	0	90	229	220	219	117	100	54	1	34	105	1,436
Anderson, Carl 1 Pump MFA-SB-1 sec. 24, T. 5 S., R. 24 E., S8M	1	1	0	0	0	0	0	0	0	0	0	0	1
Subtotal-Davis Dam to Imperial Dam	590	727	1,114	1,882	1,874	2,382	2,446	1,979	1,681	424	651	1,128	17,078
	61	116	144	162	167	198	199	199	198	103	96	96	1,613

DIVERSIONS FROM MAINSTREAM - AVAILABLE RETURN FLOW

AND CONSUMPTIVE USE OF SUCH WATER

CALENDAR YEAR 1971

STATE OF CALIFORNIA

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

ACFE FEET

	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTALS
Spencer and Franklin 1 Well and 1 Pump SAGEHAWK sec. 35, T.15 S., R.23 E., SEM	25	40	34	52	102	96	164	145	62	0	130	19	639 3/4
Berryman, Harley 1 Well MAGNOLIA sec. 2, T.16 S., R.23 E., SEM													
Power, Pete 1 Pump MAGNOLIA sec. 15, T.16 S., R.23 E., SEM													1,092
1 Pump MAGNOLIA sec. 14, T.16 S., R.23 E., SEM													
Mitchell, Heydon 1 Well SAGEHAWK sec. 22, T.16 S., R.23 E., SEM	24	3	13	21	36	55	100	60	28	72	1	0	1,174 3/4
Glade 1 Well MAGNOLIA sec. 6, T.8 S., R.22 W., G and SEM													1,140
Dees, John F. 1 Well SAGEHAWK sec. 6, T.8 S., R.22 W., G and SEM													240
Spencer, M. E. 1 Well SAGEHAWK sec. 9, T.16 S., R.23 E., SEM	58	1	62	71	117	93	179	39	64	52	1	70	1,134 3/4
Coley, Marvin 1 Well SAGEHAWK sec. 16, T.16 S., R.23 E., SEM	0	33	26	72	69	31	0	0	0	0	0	0	1,124 3/4
Martin, Marvin 1 Pump MAGNOLIA sec. 1, T.8 S., R.23 W., G and SEM	6	3	9	12	14	13	6	2	5	1	1	1	72 3/4
Martin, Marvin 1 Pump SAGEHAWK sec. 1, T.8 S., R.23 W., G and SEM	17	21	74	112	91	99	141	122	55	11	41	41	1,101 3/4
Harp, Roger 1 Pump SAGEHAWK sec. 2, T.8 S., R.23 W., G and SEM	113	144	127	171	192	125	169	155	40	51	1	1	1,157 3/4

Footnotes are on page 27

V(B)
 Supplemental Sheet 4 of 5
 Water being pumped from
 Colorado River and wells
 in flood plain

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

	WATER YEAR												TOTALS	
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER		
Harp, Robert 1 Well NE 1/4 sec. 2, T.8 S., R.23 W., G and SRM	18	27	66	111	86	79	143	185	24	24	0	0	543	3/
Harp, Robert 1 Well NE 1/4 sec. 12, T.8 S., R.23 W., G and SRM	63	50	63	140	82	17	50	28	10	6	0	0	535	3/
Bastarday, Anne 1 Well SW 1/4 sec. 1, T.6 S., R.23 W., G and SRM													720	
Deas, John E. 1 Well SE 1/4 sec. 1, T.6 S., R.23 W., G and SRM													792	
Harp, Robert 1 Well SE 1/4 sec. 12, T.8 S., R.23 W., G and SRM	25	15	66	47	45	9	24	24	0	25		2	280	3/
Harp, Paul 1 Well SW 1/4 sec. 12, T.8 S., R.23 W., G and SRM													720	
Bastarday, Kenneth 1 Well NE 1/4 sec. 12, T.6 S., R.23 W., G and SRM	120	69	110	212	193	120	137	171	196	175	25	0	1,606	3/
Power, Pete 1 Well NE 1/4 sec. 11, T.6 S., R.23 W., G and SRM													1,104	
Hubbs, Earl 1 Well NE 1/4 sec. 12, T.16 S., R.23 E., SRM	61	7	78	102	115	49	17	4	0	0	0	49	512	3/
Hutchinson, John 1 Pump SE 1/4 sec. 27, T.16 S., R.22 E., SRM	4	0	22	27	20	27	21	21	17	13	1	12	160	3/
Layton, Chris 1 Pump SW 1/4 sec. 23, T.16 S., R.22 E., SRM	12	21	20	20	34	20	40	9	14	11	1	0	218	3/

Footnotes are on page 27

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

CALENDAR YEAR 1971

STATE OF CALIFORNIA

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

TABLE 10-1

	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTALS
Buntin, W. W. 1 Pump NE 1/4 sec. 29, T. 16 S., R. 22 E., S8M	0	79	41	34	85	91	94	53	39	2	23	67	605 3/
Lewis, Joe 1 Well E 1/4 sec. 29, T. 16 S., R. 22 E., S8M	0	0	27	34	32	30	23	11	9	35	0	0	201 3/
Subtotals - Imperial Dam to Boundary	552 442	568 641	870 744	1,266 816	1,285 837	954 740	1,308 1,046	1,038 873	722 808	544 604	336 414	341 277	9,786 8,284
TOTAL - Other California users pumping from Colorado and wells in flood plain Davis Dam to International Boundary included in California totals on page 22	1,645	2,052	2,872	4,130	4,163	4,234	4,959	4,049	3,363	1,675	1,697	1,842	36,721

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 diversions of Colorado River Indian Reservation and Palo Verde Irrigation District.
6/ Total of items for which monthly distribution is not shown. Distributed according to monthly distribution of diversions to Valley Division of Yuma Project.

(8)
 DIVERSIONS FROM MAINSTREAM - AVAILABLE RETURN FLOW
 AND CONSUMPTIVE USE OF SUCH WATER

CALENDAR YEAR 1971
 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	120	120	187	224	250	375	335	381	312	222	144	100	2,770
Diversion at Saddle Island, Lake Mead 1/	0	0	0	0	0	0	0	0	0	0	25	0	25
Consumptive Use													2/
LAKE MEAD NATIONAL RECREATION AREA													
Diversion from Lake Mead	48	48	57	56	68	81	94	91	81	74	47	52	797
Diversion from Lake Mohave													5/
Consumptive Use													2/
BASIC MANAGEMENT, INC.													
Diversion at Saddle Island, Lake Mead 4/	1,426	1,429	1,627	1,659	1,730	1,968	2,176	2,199	1,567	1,453	1,114	1,039	19,687
Consumptive Use													5/
LAS VEGAS VALLEY WATER DISTRICT													
Diversion at Saddle Island, Lake Mead 4/	0	0	0	0	314	961	1,251	1,324	1,259	1,011	0	0	6,120
Diversion at Saddle Island, Lake Mead 1/	0	0	0	0	0	1,478	2,944	2,287	2,074	1,562	2,337	1,862	14,544
Consumptive Use													2/
JOHNS-MANVILLE SALES CORPORATION													
Diversion at Gypsum Wash)	33	34	29	31	32	32	46	39	40	41	32	22	411
Consumptive Use													2/
CITY OF NORTH LAS VEGAS													
Diversion at Saddle Island, Lake Mead 1/	0	0	0	0	0	0	122	118	85	104	24	1	454
Consumptive Use													2/
HELLIS AIR FORCE BASE													
Diversion at Saddle Island, Lake Mead 1/	0	0	0	0	0	0	22	109	84	32	12	25	284
Consumptive Use													2/
RAMELLI, WILLIAM C.													
Lot No. 3, Sec. 13, T. 32 S., R. 66 E., MDB&M													36/
RIO ALTO VISTA PROPERTIES													
Sec. 24, T. 32 S., R. 66 E., MDB&M													06/

Footnotes are on page 29

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

V(B)

Sheet 2 of 2

Final Records
(ACRE FEET)

Water User	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTALS
SOUTHERN CALIFORNIA EDISON COMPANY Diversion at Pumping Plant in Sec. 28, T. 32 S., R. 66 E., N038H	152	344	442	353	649	608	708	279	544	707	502	158	5,846
WIENEK, ARNOLD T. 1 Pump All except N. 500' and E. 630' of Lot No. 1, Sec. 33, T. 32 S., R. 66 E., N038H													2/
KORTNER, WARREN E. 1 Pump W $\frac{1}{2}$ Lot No. 1, Sec. 33, T. 32 S., R. 66 E., N038H													16 2/
WELLES, JOHN C. 1 Pump E $\frac{1}{2}$ Lot No. 2, Sec. 33, T. 32 S., R. 66 E., N038H													236 2/
CAVANAGH, MILTON E. 1 Pump W $\frac{1}{2}$ Lot No. 2, Sec. 33, T. 32 S., R. 66 E., N038H													86 2/
NEVADA TOTALS	1,779	1,975	2,342	2,323	3,043	5,503	7,998	6,827	6,046	5,206	4,237	3,259	50,586

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 return.
- 3/ Diversion 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 48 acre-feet greater than the sum of the monthly totals because of the nonavailability of monthly distribution of items footnoted 3/ and 5/.

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 1971

The following tabulations for calendar year 1971 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
BUT NOT DIVERTED BY PARTY ORDERING SAME
AND
QUANTITY OF SUCH WATER DELIVERED TO MEXICO IN SATISFACTION OF MEXICAN TREATY OR DIVERTED BY OTHERS

VIC1

CALENDAR YEAR 1971
STATE OF ARIZONA

Sheet 1 of 3
Final Records
(ACRE - FEET)

Water User	JANUARY	FEBRUARY	MARCH	APR	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTALS
Colorado River Indian Reservation at Headgate Rock Dam	893	674	430	417	1,420	295	159	1,500	992	2,158	1,450	1,285	11,673
	0	0	0	0	0	0	0	0	0	0	0	0	0
Ordered but not Diverted	0	0	0	0	0	0	0	0	0	0	0	0	0
Delivered to Mexico in Satisfaction of Treaty	91	184	93	80	718	184	40	115	196	274	131	615	2,721
Diverted by Others	802	490	337	337	702	111	119	1,385	663	1,684	1,319	670	8,819
Delivered to Storage 2/	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	133	0	0	0	133
Yuma Proving Ground, U.S. Army 1/	0	0	0	0	0	0	0	0	0	0	0	0	0
Division at Imperial Dam	0	0	0	0	0	0	0	0	0	0	0	0	0
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/	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
North Gila Valley Irrigation District	585	456	591	567	337	444	900	716	198	812	567	379	6,552
Division at Imperial Dam	0	0	0	0	0	0	0	0	0	0	0	0	0
Ordered but not Diverted	0	0	0	0	0	0	0	0	0	0	0	0	0
Delivered to Mexico in Satisfaction of Treaty	53	113	34	87	170	93	268	115	87	184	111	101	1,416
Diverted by Others	532	343	557	480	167	351	632	601	103	550	456	278	5,050
Delivered to Storage 2/	0	0	0	0	0	0	0	0	8	78	0	0	86
Delivered to Mexico in Excess of Treaty	0	0	0	0	0	0	0	0	0	0	0	0	0
Warren Act Contractors outside Gila Project Districts	0	0	0	0	0	0	0	0	0	0	0	0	0
Division at Imperial Dam	0	0	0	0	0	0	0	0	0	0	0	0	0
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/	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
Wellton-Mohawk Irrigation and Drainage District	1,289	1,523	295	2,574	768	774	292	3,085	4,810	6,333	841	1,368	23,892
Division at Imperial Dam	0	0	0	0	0	0	0	0	0	0	0	0	0
Ordered but not Diverted	0	0	0	0	0	0	0	0	0	0	0	0	0
Delivered to Mexico in Satisfaction of Treaty	157	745	45	864	377	629	113	450	1,263	1,908	218	428	7,227
Diverted by Others	1,132	778	250	1,710	391	145	149	2,575	3,176	3,092	623	940	14,961
Delivered to Storage 2/	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	371	1,333	0	0	1,704

RELEASES OF MAINSTREAM WATER PURSUANT TO ORDERS
BUT NOT DIVERTED BY PARTY ORDERING SAME
AND
Sheet 2 of 3
Final Records
(ACRE - FEET)

QUANTITY OF SUCH WATER DELIVERED TO MEXICO IN SATISFACTION OF MEXICAN TREATY OR DIVERTED BY OTHERS
CALENDAR YEAR 1971
STATE OF ARIZONA

Water User	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTALS
Yuma Irrigation District Diversion at Imperial Dam	212	285	67	583	649	363	458	400	377	371	305	535	5,222
Ordered but not Diverted													
Delivered to Mexico in	0	0	0	0	0	0	0	0	0	0	0	0	0
Satisfaction of Treaty	16	122	53	276	230	67	131	79	71	99	147	204	1,505
Diverted by Others	196	167	607	307	419	296	327	321	268	234	158	331	3,651
Delivered to Storage 2/													
Delivered to Mexico in	0	0	0	0	0	0	0	0	18	38	0	0	56
Excess of Treaty													
Ordered but not Diverted	2,108	492	1,311	1,656	1,160	522	561	867	3,038	2,779	2,021	2,065	18,580
Delivered to Mexico in													
Satisfaction of Treaty	0	0	0	0	0	0	0	0	0	0	0	0	0
Diverted by Others	250	313	212	520	388	127	142	22	844	492	325	905	4,540
Delivered to Storage 2/	1,858	179	1,099	1,136	772	395	419	845	1,976	1,728	1,656	1,160	13,263
Delivered to Mexico in													
Excess of Treaty	0	0	0	0	0	0	0	0	216	559	0	0	777
Ordered but not Diverted	611	263	422	492	615	228	307	393	670	400	460	220	5,081
Delivered to Mexico in													
Satisfaction of Treaty	0	0	0	0	0	0	0	0	0	0	0	0	0
Diverted by Others	129	115	152	258	105	44	12	44	105	73	97	111	1,245
Delivered to Storage 2/	482	148	270	234	510	184	295	349	518	238	363	109	3,700
Delivered to Mexico in													
Excess of Treaty	0	0	0	0	0	0	0	0	47	89	0	0	136
Ordered but not Diverted	0	0	0	136	87	0	0	222	155	179	0	62	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	40	35	0	0	72	56	51	0	30	287
Delivered to Storage 2/	0	0	0	98	52	0	0	150	82	107	0	32	521
Delivered to Mexico in													
Excess of Treaty	0	0	0	0	0	0	0	0	14	21	0	0	35
Ordered but not Diverted	2,660	1,726	1,262	3,066	2,407	1,365	476	4,633	2,668	4,302	3,298	4,172	32,295
Delivered to Mexico in													
Satisfaction of Treaty	0	0	0	0	0	0	0	0	0	0	0	0	0
Diverted by Others	1,188	1,018	1,136	889	973	1,168	300	1,812	1,103	1,226	1,202	2,025	13,742
Delivered to Storage 2/	1,492	708	186	2,197	1,434	197	178	3,121	1,509	2,581	2,096	2,147	17,804
Delivered to Mexico in													
Excess of Treaty	0	0	0	0	0	0	0	0	256	493	0	0	749
Ordered but not Diverted	6	6	3	5	3	2	2	10	4	0	1	25	69
Delivered to Mexico in													
Satisfaction of Treaty	0	0	0	0	0	0	0	0	0	0	0	0	0
Diverted by Others	4	4	2	1	1	2	1	3	2	0	0	0	32
Delivered to Storage 2/	4	2	1	4	2	0	1	7	2	0	1	13	37
Delivered to Mexico in													
Excess of Treaty	0	0	0	0	0	0	0	0	0	0	0	0	0

(VIC)

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 1971
STATE OF ARIZONA

Sheet 3 of 3
Final Records
(ACRE - FEET)

	JAN.	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTALS
ARIZONA TOTALS	8,386	5,429	5,004	9,518	7,446	3,993	3,155	11,766	13,112	17,401	9,082	10,159	104,451
Ordered but not Diverted Delivered to Mexico in Satisfaction of Treaty	0	0	0	0	0	0	0	0	0	0	0	0	0
Diverted by Others	1,888	2,614	1,737	3,015	2,997	2,314	1,037	2,412	3,730	4,340	2,271	4,439	32,794
Delivered to Storage ^{2/}	6,498	2,815	3,267	6,503	4,449	1,679	2,118	9,354	8,317	10,450	6,811	5,720	67,661
Delivered to Mexico in Excess of Treaty	0	0	0	0	0	0	0	0	1,065	2,611	0	0	3,676

^{1/} No orders received.
^{2/} Available for future use.

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

(VIC)

QUANTITY OF SUCH WATER DELIVERED TO MEXICO IN SATISFACTION OF MEXICAN TREATY OR DIVERTED BY OTHERS
AND
CALENDAR YEAR 1971
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 from Lake Havasu	3,582	611	2,545	908	1,485	2,356	1,566	2,003	1,887	1,554	1,880	2,181	22,598
Ordered but not Diverted Delivered to Mexico in Satisfaction of Treaty	0	0	0	0	0	0	0	0	0	0	0	0	0
Diverted by Others	0	0	0	0	0	0	0	0	0	0	0	0	0
Delivered to Storage 1/2	3,582	611	2,545	908	1,485	2,356	1,566	2,003	1,887	1,554	1,880	2,181	22,598
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	883	885	1,508	1,853	2,876	1,597	778	6,643	3,076	1,244	1,385	1,581	24,311
Ordered but not Diverted Delivered to Mexico in Satisfaction of Treaty	0	0	0	0	0	0	0	0	0	0	0	0	0
Diverted by Others	0	99	189	147	139	234	506	288	561	230	10	2	2,405
Delivered to Storage 1/2	883	786	1,319	1,706	2,737	1,363	272	6,355	1,492	966	1,375	1,579	20,863
Delivered to Mexico in Excess of Treaty	0	0	0	0	0	0	0	0	1,025	18	0	0	1,043
Yuma Project Reservation Division - Bard Unit Diversion at Imperial Dam	492	379	484	606	1,121	924	773	1,622	621	1,327	935	1,567	10,851
Ordered but not Diverted Delivered to Mexico in Satisfaction of Treaty	0	0	0	0	0	0	0	0	0	0	0	0	0
Diverted by Others	210	134	352	204	579	774	564	912	250	756	212	1,235	6,182
Delivered to Storage 1/2	282	245	132	402	542	150	209	710	338	495	723	332	4,560
Delivered to Mexico in Excess of Treaty	0	0	0	0	0	0	0	0	33	76	0	0	109
Yuma Project Reservation Division - Indian Unit Diversion at Imperial Dam	359	438	543	592	864	496	524	1,887	696	1,269	674	1,186	9,528
Ordered but not Diverted Delivered to Mexico in Satisfaction of Treaty	0	0	0	0	0	0	0	0	0	0	0	0	0
Diverted by Others	153	154	396	199	446	416	382	1,062	280	723	153	935	5,299
Delivered to Storage 1/2	206	284	147	393	418	80	142	885	380	473	521	251	4,120
Delivered to Mexico in Excess of Treaty	0	0	0	0	0	0	0	0	36	73	0	0	109
Imperial Irrigation District Diversion at Imperial Dam	0	0	0	175	0	0	0	3,570	1,815	1,587	0	0	7,147
Ordered but not Diverted Delivered to Mexico in Satisfaction of Treaty	0	0	0	0	0	0	0	0	0	0	0	0	0
Diverted by Others	0	0	0	0	0	0	0	295	0	0	0	0	295
Delivered to Storage 1/2	0	0	0	175	0	0	0	3,275	1,571	1,587	0	0	6,608
Delivered to Mexico in Excess of Treaty	0	0	0	0	0	0	0	0	244	0	0	0	244

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

(VIC)

AND
QUANTITY OF SUCH WATER DELIVERED TO MEXICO IN SATISFACTION OF MEXICAN TREATY OR DIVERTED BY OTHERS
CALENDAR YEAR 1971

Sheet 2 of 2
Final Records
(ACRE - FEET)

STATE OF CALIFORNIA

Water User	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTALS
Coachella Valley County Water District Diversion at Imperial Dam	0	0	0	0	0	0	0	0	0	0	0	0	0
Ordered but not Diverted	5,216	2,313	5,080	4,134	6,346	5,413	3,641	15,725	8,097	6,981	4,874	6,515	74,435
Delivered to Mexico in Satisfaction of Treaty	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
Delivered to Storage 1/2	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	5,216	2,313	5,080	4,134	6,346	5,413	3,641	15,725	8,097	6,981	4,874	6,515	74,435
Ordered but not Diverted	0	0	0	0	0	0	0	0	0	0	0	0	0
Delivered to Mexico in Satisfaction of Treaty	363	327	937	550	1,164	1,424	1,452	2,537	1,091	1,709	375	2,172	14,181
Delivered to Storage 1/2	4,953	1,926	4,143	3,584	5,182	3,989	2,189	13,168	5,668	5,105	4,499	4,343	58,749
Delivered to Mexico in Excess of Treaty	0	0	0	0	0	0	0	0	1,338	167	0	0	1,505

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 1971

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

V(D)

CALENDAR YEAR 1971

Final Records
-ACRE FEET

	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTALS
Deliveries to Mexico in Satisfaction of Treaty	84,500	105,392	202,678	186,963	92,284	137,821	190,517	181,102	85,605	55,370	53,584	124,184	1,500,000
Passing to Mexico in Excess of Treaty Requirements	12,327	1,912	70	167	250	39	173	140	1,299	22,150	16,608	4,487	51,622 1/2

1/ Includes 55,206 acre-feet delivered pursuant to provisions of Minute No. 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 1971

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 1971

Final Records
(ACRE - FEET)

	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTALS
Gila River													
Diversion													798 1/
Consumptive Use													798 2/
San Francisco River													
Diversion													962 1/
Consumptive Use													962 2/

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

1/ Records of monthly distribution not available.
2/ No surface returns.