

UNITED STATES
DEPARTMENT OF THE INTERIOR
Walter J. Hickel, Secretary

BUREAU OF RECLAMATION
Ellis L. Armstrong, Commissioner

REGION 3
A. B. West, 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 1969

Division of Water and Land Operations
Boulder City, Nevada

August 1, 1970

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 1969

CONTENTS

	<u>Page Number</u>
V(A) Releases of Water Through Regulatory Structures Controlled by the United States	1
V(B) Main Stream Diversions, Return Flows, and Consumptive Use	4
Arizona	7
Other Arizona Users	10
Havasu National Wildlife Refuge Record for 1967 and 1968....	15
California	16
Other California Users	18
Nevada	23
V(C) Water Ordered but not Diverted	25
V(D) Deliveries of Water to Mexico	31
V(E) Diversions and Use for Gila National Forest	33

The enclosed tabulations for Calendar Year 1969 show final records of releases of water through regulatory structures controlled by the United States. At Hoover, Davis, Parker, and Imperial Dams the records are furnished by the Geological Survey based on measurements at or below the structures.

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

During January, February, and March, the record of riverflow through Palo Verde Diversion Dam was computed using the record of flow at the gaging station "Colorado River below Palo Verde Diversion Dam, Arizona-California," and deducting from it the record of flow from the Palo Verde Levee Drain and the Colorado River Indian Reservation Lower Main Drain which enter the river between the dam and gaging station. During the remainder of the year records are based on flow measured through the river gates at Palo Verde Dam.

The record of flow past 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

(A)

CALENDAR YEAR 1969

Final Records
(ACRE - FEET)

Structure	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTALS
Hoover Dam	548,900	551,700	824,800	894,200	834,300	753,300	772,000	692,700	618,100	522,900	425,700	453,400	7,892,000
Davis Dam	345,900	585,900	851,500	855,100	781,400	816,600	893,900	882,000	602,500	543,700	326,300	425,400	7,910,000
Parker Dam	253,900	466,600	740,000	712,400	640,600	674,400	764,600	732,900	488,000	434,100	220,100	310,300	6,438,000
Headgate Rock Dam <u>1/</u>	239,800	433,800	683,500	666,900	586,400	616,000	699,000	666,200	444,800	400,400	195,600	284,600	5,917,000
Palo Verde Diversion Dam <u>2/</u>	225,100	351,500	581,300	582,900	510,800	526,900	588,700	572,600	380,000	357,800	176,300	238,000	5,091,900
Imperial Dam	20,310	15,670	20,120	26,820	21,720	20,250	22,500	23,630	19,540	15,190	26,480	7,120	239,300
Laguna Dam <u>3/</u>	20,460	15,600	18,690	27,020	21,520	21,470	22,780	23,010	18,660	15,190	27,980	7,120	239,500

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

2/ During January, February and March, Colorado River below Palo Verde Diversion Dam less returns by the Palo Verde Levee Drain and the Colorado River Indian Reservation Lower Main Drain below Palo Verde Diversion Dam. During remainder of the year records are based on flow measured through the river gates at Palo Verde Dam.

3/ 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 1969

The enclosed tabulations for Calendar Year 1969, 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 1969 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. Inventories of irrigated acres were determined both by field inventory maintained throughout the year and from aerial photographs which were taken June 26, 1968.

DIVERSIONS FROM MAINSTREAM — AVAILABLE RETURN FLOW
AND CONSUMPTIVE USE OF SUCH WATER
CALENDAR YEAR 1969
STATE OF ARIZONA

(B)

Sheet 1 of 3
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	9	5	6	18	22	20	26	24	23	20	16	12	201 1/
Mohave Valley Irrigation and Drainage Dist. (Pumped from wells and from inlet chan- nel to Havasu National Wildlife Refuge)	Diversion Return Consumptive Use	466	432	763	1,567	1,339	1,450	1,916	1,457	1,810	737	595	423	12,955 1/
Havasu National Wildlife Refuge Inlet - NW $\frac{1}{4}$ NE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 33, T. 9 N., R. 23 E., SEM Less diversion from inlet channel by private pump in SE $\frac{1}{4}$ SW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 24, T. 17 N., R. 22 W., G&SRM	Diversion	307	0	80	1,600	3,470	3,530	6,700	8,200	4,440	690	3,940	5,740	38,697 1,478 2/
1 Well NE $\frac{1}{4}$ NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 15, T. 8 N., R. 23 E., SEM Outlet - SW $\frac{1}{4}$ SW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 27, T. 16 N., R. 21 W., G&SRM	Diversion Return Consumptive Use	0	0	0	0	0	0	0	0	1	1,810	7,040	0	2,851 28,605
Lake Havasu Irrigation and Drainage District (Pumped from wells)	Diversion Return Consumptive Use	128	124	215	208	229	262	305	350	320	282	183	186	2,792 1/
Town of Parker 1 Well NW $\frac{1}{4}$ NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 7, T. 9 N., R. 19 W., G&SRM 1 Well SW $\frac{1}{4}$ NW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 15, T. 9 N., R. 20 W., G&SRM	Diversion Return Consumptive Use	22	23	35	52	70	83	90	104	82	49	29	27	666 1/
Colorado River Indian Reservation (Diversion at Headgate Rock Dam) (Pumped from wells at Parker)	Diversion	14,050	32,750	56,490	34,470	54,190	58,460	65,670	66,700	43,230	33,710	24,500	25,760	520,980
2 Wells SW $\frac{1}{4}$ NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 2, T. 9 N., R. 20 W., G&SRM (Pumped from well at Valley Field Office)	Diversion	3	3	3	3	3	4	4	4	3	3	3	3	39
1 Well NW $\frac{1}{4}$ NE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 1, T. 8 N., R. 21 W., G&SRM (Pumped from wells at Poston)	Diversion	0	0	1	1	1	1	1	1	0	0	0	0	6
4 Wells NW $\frac{1}{4}$ sec. 36, T. 8 N., R. 21 W., G&SRM 4 Pumps SW $\frac{1}{4}$ SW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 14, T. 5 N., R. 22 W., G&SRM 1 Pump NE $\frac{1}{4}$ SW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 14, T. 4 N., R. 22 W., G&SRM	Diversion 3/ Return Consumptive Use	0 46 -463	157 52 14,500	224 107 23,380	256 116 27,170	409 177 30,400	821 180 27,680	1,922 113 31,710	1,640 180 34,000	706 144 32,520	316 226 27,870	152 157 23,420	185 168 23,430	6,788 1,666 310,880
			18,550	33,378	19,370	25,630	33,135	37,629	34,571	11,267	6,649	1,557	2,926	224,199

DIVERSIONS FROM MAINSTREAM — AVAILABLE RETURN FLOW
AND CONSUMPTIVE USE OF SUCH WATER
CALENDAR YEAR 1969
STATE OF ARIZONA

(B)

Sheet 2 of 3
Final Records
(ACRE - FEET)

Water User		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTALS
Imperial National Wildlife Refuge														
1 Well														155 2/
NW 1/4 NW 1/4 sec. 13, T. 5 S., R. 22 W., G&SRM	Diversion													292 2/
1 Well	Return													1/
SW 1/4 NE 1/4 SW 1/4 sec. 13, T. 5 S., R. 22 W., G&SRM	Consumptive Use													
Yuma Proving Ground, U. S. Army	Diversion	0	5	5	4	3	4	2	1	1	1	6	0	32
(Diversion at Imperial Dam)	Return													1/
	Consumptive Use													
North Gila Valley Irrigation District	Diversion	1,639	5,390	5,094	5,177	5,797	5,886	6,376	3,913	3,980	4,163	2,136	3,215	52,766
(Diversion at Imperial Dam)	Return	715	820	1,270	1,290	1,360	1,460	1,440	1,180	924	839	560	528	12,386
	Consumptive Use	924	4,570	3,824	3,887	4,437	4,426	4,936	2,733	3,056	3,324	1,576	2,687	40,380
Wellton-Mohawk Irrigation and Drainage District	Diversion	14,732	29,629	43,631	56,018	55,027	56,497	58,701	65,044	49,162	32,022	13,545	19,487	493,495
(Diversion at Imperial Dam)	Return	18,930	16,160	18,580	18,120	16,880	17,200	17,870	17,270	15,920	17,010	17,060	19,100	210,100
	Consumptive Use	4,198	13,469	25,051	37,898	38,147	39,297	40,831	47,774	33,242	15,012	-3,515	387	283,395
Yuma Irrigation District	Diversion	1,493	3,689	4,959	5,148	6,026	5,282	5,045	6,179	5,667	4,695	2,289	3,193	53,665
(Diversion at Imperial Dam)	Return	1,213	1,262	980	1,801	2,113	1,494	2,076	3,068	3,558	2,805	392	122	20,884
(Pumped from private wells)	Consumptive Use													4/
Yuma Mesa Irrigation and Drainage District	Diversion	10,166	11,056	15,010	21,812	27,673	28,609	31,719	32,635	27,450	19,899	7,860	9,891	243,780
(Diversion at Imperial Dam)	Return													1/
	Consumptive Use													
Unit "B" Irrigation and Drainage District	Diversion	1,502	1,555	1,861	3,137	4,192	4,301	5,301	5,151	4,532	3,212	1,090	1,701	37,535
(Diversion at Imperial Dam)	Return													1/
	Consumptive Use													
Returns from South Gila Valley	Return 4/	3,220	6,290	9,420	8,090	1,790	5,680	8,370	8,620	3,650	1,710	2,890	4,900	64,630
City of Yuma	Diversion	485	513	688	845	1,142	1,188	1,455	1,515	1,145	851	642	580	11,049
(Diversion at Imperial Dam)	Return	56	31	40	57	63	56	11	0	7	54	59	65	499
	Consumptive Use	429	482	648	788	1,079	1,132	1,444	1,515	1,138	797	583	515	10,550
Yuma County Water Users Association	Diversion	11,140	25,341	24,966	31,073	32,257	31,817	34,204	32,241	26,775	24,758	9,299	9,596	293,467
(Diversion at Imperial Dam)	Return	837	800	953	948	1,132	1,067	1,092	943	952	988	815	965	11,492
(Pumped from wells)	Return 8/	9,890	9,360	11,000	12,340	12,940	12,120	12,500	12,400	11,960	13,140	12,410	11,050	141,110
	Consumptive Use	2,087	16,781	14,919	19,681	20,449	20,764	22,796	20,784	15,767	12,606	-2,296	-489	163,849

DIVERSIONS FROM MAINSTREAM — AVAILABLE RETURN FLOW
AND CONSUMPTIVE USE OF SUCH WATER
CALENDAR YEAR 1969
STATE OF ARIZONA

(B)

Sheet 3 of 3
Final Records
(ACRE - FEET)

Water User		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTALS
Cocopah Indian Reservation (Diversion at Imperial Dam (Pumped from wells))	Diversion	17	127	18	50	29	27	45	81	130	0	0	68	592
	Diversion	1	4	1	2	1	1	2	2	5	0	0	7	26
	Return Consumptive Use													8/
Other Arizona Users pumping from Colorado River and wells in flood plain Davis Dam to International Boundary 9/	Diversion	2,569	4,234	6,690	7,720	8,448	7,812	9,352	7,108	6,016	6,825	3,201	2,765	72,740
	Return													1/
	Consumptive Use													
ARIZONA TOTALS	Diversion	60,826	117,153	162,782	183,028	203,752	208,798	232,119	236,543	180,133	136,254	70,852	84,095	1,875,541
	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	13,215	69,992	99,092	115,961	140,319	144,602	160,218	163,073	115,151	73,821	7,413	25,022	1,127,085

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

Footnotes

- 1/ No surface returns.
2/ Monthly distribution not available.
3/ Calculated from monthly power records.
4/ Pumped from underground and unassigned to districts as returns include quantities of drainage from Yuma Mesa as well as South Gila Valley.
5/ Includes deliveries to the following water users who have contracts with the United States:
- 113885
see '71
- 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 1-5.
10/ The total is 794 acre-feet less than the sum of the monthly totals because of nonavailability of monthly distribution of items footnoted 2/.

Contractor	Point of Delivery	Annual Total
City of Yuma	B 3.7 Lateral	33
Desert Lawn Memorial Association	B 3.7 Lateral	101
Southern Pacific Company	B 3.7 Lateral	12
Southern Pacific Company	After bay of Yuma Mesa Pumping Plant	48
Ritz Distributing Company	B 3.7 Lateral	11
Yuma Mesa Fruit Growers Association	B 3.7 W. Lateral	11
County of Yuma, Arizona	B 3.8 Lateral	20
Marine Corps Air Station, Dept. of the Navy	B Canal and B-5.5 W. Lateral	1577
Total		1813

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

Contractor	Point of Delivery	Annual Total
University of Arizona	B Main Canal	661
Camille Allec, Jr.	B-8 Lateral	75
Total		736

7/ Includes deliveries to the following water user who has a contract with the United States:

Contractor	Point of Delivery	Annual Total
Yuma Union High School District	Yuma Main Canal	250

DIVERIONS FROM MAINSTREAM — AVAILABLE RETURN FLOW
AND CONSUMPTIVE USE OF SUCH WATER
CALENDAR YEAR 1969
STATE OF ARIZONA

V(B)
Supplemental Sheet 1 of 5
Other users pumping from
Colorado River and wells
in flood plain
(ACRE - FEET)

Water User		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTALS 1/
Clayton Farms 2 Pumps SW ¹ / ₄ SE ¹ / ₄ SW ¹ / ₄ sec. 34, T. 4 N., R. 22 W., G&SRM	Diversion	142	15	832	273	375	355	745	514	807	425	13	0	4,496 2/
Clayton Farms 1 Well SW ¹ / ₄ SW ¹ / ₄ SE ¹ / ₄ sec. 34, T. 4 N., R. 22 W., G&SRM	Diversion	10	8	35	0	0	24	25	31	10	0	0	0	143 2/
Barrett, F. Wayne 2 Pumps SE ¹ / ₄ NW ¹ / ₄ SE ¹ / ₄ sec. 16, T. 3 N., R. 22 W., G&SRM	Diversion													2,640
Van Horn, George 1 Pump SE ¹ / ₄ SW ¹ / ₄ NE ¹ / ₄ sec. 28, T. 3 N., R. 22 W., G&SRM	Diversion													960
Julian 1 Pump SW ¹ / ₄ SW ¹ / ₄ NE ¹ / ₄ sec. 4, T. 2 N., R. 22 W., G&SRM	Diversion													200
Sprall, Wayne 1 Pump SE ¹ / ₄ SW ¹ / ₄ NW ¹ / ₄ sec. 21, T. 1 N., R. 23 W., G&SRM	Diversion													1,350
Sprall, Wayne 1 Well NE ¹ / ₄ NW ¹ / ₄ NE ¹ / ₄ sec. 28, T. 1 N., R. 23 W., G&SRM	Diversion													1,320
Cibola Valley Irrigation and Drainage District 3 Pumps SE ¹ / ₄ SE ¹ / ₄ NE ¹ / ₄ sec. 20, T. 1 N., R. 23 W., G&SRM	Diversion	678	742	1,752	2,732	2,715	2,120	2,482	1,728	1,702	3,122	1,372	1,000	22,145 2/
Beaver 1 Pump SW ¹ / ₄ NW ¹ / ₄ NE ¹ / ₄ sec. 2, T. 1 S., R. 24 W., G&SRM	Diversion													2,160
Arnett, Howard 1 Pump NW ¹ / ₄ NW ¹ / ₄ SW ¹ / ₄ sec. 1, T. 2 S., R. 24 W., G&SRM	Diversion													2,760
Arnett, Howard 1 Pump NE ¹ / ₄ SE ¹ / ₄ NW ¹ / ₄ sec. 31, T. 2 S., R. 23 W., G&SRM	Diversion													2,820
Subtotals - Davis Dam to Imperial Dam	3/	830	765	2,619	3,005	3,090	2,499	3,252	2,273	2,519	3,547	1,385	1,000	26,764
	4/	357	948	1,403	1,330	1,463	1,549	1,740	1,828	1,290	878	680	744	14,210

Footnotes are on page 14

DIVERSIONS FROM MAINSTREAM — AVAILABLE RETURN FLOW
AND CONSUMPTIVE USE OF SUCH WATER
CALENDAR YEAR 1969
STATE OF ARIZONA

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

Water User	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTALS
Pratt, Loren 1 Well SW ¹ NW ¹ NE ¹ sec. 14, T. 7 S., R. 22 W., G&SRM 1 Pump SW ¹ SW ¹ NE ¹ sec. 14, T. 7 S., R. 22 W., G&SRM													450
Tudors, Tom 1 Well SW ¹ NE ¹ SE ¹ sec. 8, T. 8 S., R. 22 W., G&SRM													1,104
Crowe, James 1 Well SE ¹ SW ¹ SW ¹ sec. 7, T. 8 S., R. 22 W., G&SRM	38	19	114	95	103	34	84	64	20	0	0	0	571 2/
Fletcher and Moenk 1 Well SE ¹ NW ¹ SW ¹ sec. 18, T. 8 S., R. 22 W., G&SRM	90	20	140	199	245	305	345	199	255	233	73	50	2,154 2/
Fletcher and Moenk 1 Well SE ¹ SE ¹ SE ¹ sec. 18, T. 8 S., R. 22 W., G&SRM 1 Pump SE ¹ SE ¹ NE ¹ sec. 24, T. 8 S., R. 23 W., G&SRM													1,212
Shattuck and Whitman Ranch 1 Well SE ¹ NE ¹ SW ¹ sec. 24, T. 8 S., R. 22 W., G&SRM													11
Harp, Earl 1 Well SE ¹ NE ¹ NE ¹ sec. 13, T. 8 S., R. 23 W., G&SRM													1,080
Pratt, Frank 1 Well SE ¹ SW ¹ SW ¹ sec. 19, T. 8 S., R. 22 W., G&SRM	104	64	94	157	105	138	181	182	167	51	32	93	1,368
Pratt, Frank 1 Well SW ¹ SW ¹ SE ¹ sec. 24, T. 8 S., R. 23 W., G&SRM	0	31	74	40	22	42	96	144	88	20	0	10	567
Mauldin, Lee 1 Well NE ¹ SE ¹ SW ¹ sec. 23, T. 8 S., R. 23 W., G&SRM	0	0	0	3	9	23	0	5	40	36	8	2	126
Bruce Church Company 1 Well SW ¹ SE ¹ SE ¹ sec. 22, T. 8 S., R. 23 W., G&SRM	64	65	5	0	56	42	86	29	18	0	0	0	365

Footnotes are on page 14

DIVERIONS FROM MAINSTREAM — AVAILABLE RETURN FLOW
AND CONSUMPTIVE USE OF SUCH WATER
CALENDAR YEAR 1969
STATE OF ARIZONA

V(B)
Supplemental Sheet 3 of 5
Other users pumping from
Colorado River and wells
in flood plain
(ACRE FEET)

Water User	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTALS 1/
Power, Pete 1 Well SW ¹ / ₄ NW ¹ / ₄ sec. 31, T. 16 S., R. 23 E., SEM													68 ²
Mauldin, Lee 1 Well NE ¹ / ₄ SE ¹ / ₄ SW ¹ / ₄ sec. 28, T. 16 S., R. 22 E., SEM	13	0	11	20	19	1	1	1	1	0	0	0	67 2/
Curtis, Armon 1 Pump SW ¹ / ₄ NE ¹ / ₄ SE ¹ / ₄ sec. 29, T. 16 S., R. 22 E., SEM	35	82	15	14	24	25	3	30	1	55	31	55	370 2/
Power, Bill 1 Pump SE ¹ / ₄ SW ¹ / ₄ NW ¹ / ₄ sec. 30, T. 16 S., R. 22 E., SEM													1,980
Power, R. E. 1 Pump NW ¹ / ₄ SW ¹ / ₄ NE ¹ / ₄ sec. 30, T. 16 S., R. 22 E., SEM													1,920
Yucca Power Plant 2 Wells NE ¹ / ₄ NW ¹ / ₄ SW ¹ / ₄ sec. 36, T. 16 S., R. 21 E., SEM NE ¹ / ₄ SW ¹ / ₄ NW ¹ / ₄ sec. 36, T. 16 S., R. 21 E., SEM													57 ² 5/
Burrell 1 Well SW ¹ / ₄ NE ¹ / ₄ NW ¹ / ₄ sec. 33, T. 8 S., R. 24 W., G&SRM													150
Cannon, J. O. 1 Well NW ¹ / ₄ NE ¹ / ₄ NE ¹ / ₄ sec. 25, T. 9 S., R. 25 W., G&SRM													780
Sterling, Paul 1 Well SE ¹ / ₄ NE ¹ / ₄ NW ¹ / ₄ sec. 19, T. 9 S., R. 24 W., G&SRM	14	98	176	144	182	164	200	144	9	11	71	1	1,214 2/
Sterling, Paul 1 Well NE ¹ / ₄ SE ¹ / ₄ NW ¹ / ₄ sec. 19, T. 9 S., R. 24 W., G&SRM	1	70	123	101	129	103	138	100	5	6	49	0	825 2/
Sterling, Paul 1 Well NW ¹ / ₄ SE ¹ / ₄ NW ¹ / ₄ sec. 19, T. 9 S., R. 24 W., G&SRM	0	0	87	132	225	166	130	96	6	8	50	0	900 2/

DIVERIONS FROM MAINSTREAM — AVAILABLE RETURN FLOW
AND CONSUMPTIVE USE OF SUCH WATER
CALENDAR YEAR 1969
STATE OF ARIZONA

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

Water User	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTALS	1/
McDaniel and Son 1 Well NE $\frac{1}{4}$ NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 36, T. 9 S., R. 25 W., G&SRM	239	166	242	325	447	426	378	106	153	443	223	231	3,379	2/
Brand, Wayne 1 Well NE $\frac{1}{4}$ NW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 25, T. 9 S., R. 25 W., G&SRM													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	91	295	130	296	459	521	533	167	50	336	158	117	3,153	2/
Jeffers, Floyd 1 Well NE $\frac{1}{4}$ SE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 2, T. 10 S., R. 25 W., G&SRM													1,134	
Sibley, Phil 1 Well SW $\frac{1}{4}$ NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 14, T. 10 S., R. 25 W., G&SRM	33	39	77	60	102	79	167	64	11	0	0	0	632	2/
Daniel, A. T. 1 Pump SE $\frac{1}{4}$ NE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 23, T. 10 S., R. 25 W., G&SRM													360	
Lee, James W. 1 Well NW $\frac{1}{4}$ NE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 26, T. 10 S., R. 25 W., G&SRM													816	
Hunter, J. C. 1 Pump NE $\frac{1}{4}$ NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 35, T. 10 S., R. 25 W., G&SRM													210	
Berkley, J. 1 Well NW $\frac{1}{4}$ NE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 35, T. 10 S., R. 25 W., G&SRM													360	
Brown, Willis A. 1 Well NE $\frac{1}{4}$ NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 2, T. 11 S., R. 25 W., G&SRM	61	40	62	95	116	112	101	61	25	20	0	12	705	2/
Hughes, Earl 1 Well SW $\frac{1}{4}$ NE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 3, T. 11 S., R. 25 W., G&SRM	80	347	156	256	150	101	323	111	106	29	8	0	1,667	2/

DIVERIONS FROM MAINSTREAM -- AVAILABLE RETURN FLOW
AND CONSUMPTIVE USE OF SUCH WATER
CALENDAR YEAR 1969
STATE OF ARIZONA

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

Water User		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTALS ^{1/}
Subtotals - Imperial Dam to Boundary ^{3/}	Diversion	863	1,336	1,506	1,937	2,393	2,282	2,766	1,503	955	1,248	703	571	18,063
	Diversion ^{6/}	519	1,185	1,162	1,448	1,502	1,482	1,594	1,504	1,252	1,152	433	450	13,683
TOTALS - Other Arizona Users pumping from Colorado River and wells in flood plain Davis Dam to International Boundary--included in Arizona totals on page 9	Diversion	2,569	4,234	6,690	7,720	8,448	7,812	9,352	7,108	6,016	6,825	3,201	2,765	72,740

Footnotes

- 1/ Calculated by assuming an annual diversion of 6 acre-feet per irrigated acre unless otherwise noted.
- 2/ Calculated from monthly power records and power-discharge measurements where available, and where power-discharge measurements were not available calculated from average power-discharge rate.
- 3/ Total of items for which monthly distribution is shown.
- 4/ Total of items for which monthly distribution is not shown. Distributed according to monthly distribution of 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.

DIVERSIONS FROM MAINSTREAM — AVAILABLE RETURN FLOW
AND CONSUMPTIVE USE OF SUCH WATER
CALENDAR YEAR 1969
STATE OF ARIZONA

V(B)

Final Records
(ACRE - FEET)

Water User	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTALS	
<u>Revision to 1967 Report</u>														
Havas National Wildlife Refuge														
Inlet-NW $\frac{1}{4}$ NE $\frac{1}{4}$ NW $\frac{1}{4}$, Sec. 33, T. 9 N., R. 23 E., SEM	Diversion	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 SE $\frac{1}{4}$ SW $\frac{1}{4}$ SE $\frac{1}{4}$, Sec. 24, T. 17 N., R. 22 W., G&SRM														1,991 1/
1 well NE $\frac{1}{4}$ NE $\frac{1}{4}$ NE $\frac{1}{4}$, Sec. 15, T. 8 N., R. 23 E., SEM	Diversion													164 1/
Outlet-SW $\frac{1}{4}$ SW $\frac{1}{4}$ SE $\frac{1}{4}$, Sec. 27, T. 16 N., R. 21 W., G&SRM	Return Consumptive Use	0	40	188	5,780	589	2,910	1,870	2,530	992	284	316	123	15,622 51,221
<u>Revision to 1968 Report</u>														
Havas National Wildlife Refuge														
Inlet-NW $\frac{1}{4}$ NE $\frac{1}{4}$ NW $\frac{1}{4}$, Sec. 33, T. 9 N., R. 23 E., SEM	Diversion	5,220	7,280	9,810	9,330	9,750	9,120	11,600	11,400	10,000	7,420	5,640	4,390	100,960
Less diversion from inlet channel by private pump in SE $\frac{1}{4}$ SW $\frac{1}{4}$ SE $\frac{1}{4}$, Sec. 24, T. 17 N., R. 22 W., G&SRM														1,290 1/
1 well NE $\frac{1}{4}$ NE $\frac{1}{4}$ NE $\frac{1}{4}$, Sec. 15, T. 8 N., R. 23 E., SEM	Diversion													164 1/
Outlet - SW $\frac{1}{4}$ SW $\frac{1}{4}$ SE $\frac{1}{4}$, Sec. 27, T. 16 N., R. 21 W., G&SRM	Return Consumptive Use	216	0	133	9,910	1,700	3,010	10,160	7,860	4,330	2,760	1,180	794	42,053 57,761

1/ Monthly distribution not available.

DIVERSIONS FROM MAINSTREAM — AVAILABLE RETURN FLOW
AND CONSUMPTIVE USE OF SUCH WATER
CALENDAR YEAR 1969
STATE OF CALIFORNIA

V(8)

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 located in NW $\frac{1}{4}$ SW $\frac{1}{4}$ of Sec. 29, T. 9 N., R. 23 E., SEM	Diversion	84	86	153	209	307	410	472	515	337	207	142	105	3,027
	Return	28	31	68	81	65	100	137	160	126	81	58	47	962
	Consumptive Use	56	55	85	128	242	310	335	355	211	126	84	58	2,045
Metropolitan Water District of Southern California (Diversion from Lake Havasu)	Diversion	103,975	92,268	65,376	69,858	89,539	82,628	110,705	110,091	102,157	101,461	97,550	102,967	1,128,575
	Return													<u>1/</u>
Palo Verde Irrigation District (Diversion at Palo Verde Diversion Dam)	Diversion	21,380	61,320	82,670	86,460	90,920	95,210	106,900	114,600	84,680	53,390	42,960	48,020	886,510
	Return	29,630	29,610	39,820	42,780	46,290	44,860	47,090	49,650	48,850	43,200	36,200	36,880	494,860
	Consumptive Use	-8,250	31,710	42,850	43,680	44,630	50,350	59,810	64,950	35,830	10,190	6,760	11,140	393,650
City of Blythe 10 wells located in Sections 29, 32, and 33, T. 6 S., R. 23 E., SEM	Diversion	99	110	190	221	399	391	444	584	361	210	181	124	3,314
	Return													<u>1/</u>
	Consumptive Use													
East Blythe County Water District 1 well NE $\frac{1}{4}$ SW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 33, T. 6 S., R. 23 E., SEM 1 well NE $\frac{1}{4}$ SW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 33, T. 6 S., R. 23 E., SEM Pumped from wells for domestic use	Diversion	16	20	18	20	22	28	32	40	35	26	21	22	300
	Return													<u>1/</u>
	Consumptive Use													
Yuma Project Reservation Division Indian Unit (Diversion at Imperial Dam)	Diversion	1,827	4,005	3,391	3,736	2,795	3,376	4,471	4,988	4,054	2,717	1,588	1,765	38,713
	Return													<u>2/</u>
	Consumptive Use													
Yuma Project Reservation Division Bard Unit (Diversion at Imperial Dam)	Diversion	1,060	3,625	4,772	4,704	6,642	6,323	6,781	4,050	2,348	3,669	1,039	2,270	47,283
	Return													<u>2/</u>
	Consumptive Use													
Returns from Yuma Project Reservation Division Drains	Returns <u>2/</u>	1,620	1,380	1,730	1,630	1,830	1,880	1,790	2,180	1,820	1,920	1,790	1,460	21,030
Imperial Irrigation District (Diversion at Imperial Dam)	Diversion	104,712	202,164	294,664	291,918	288,898	275,301	284,159	282,723	213,632	250,625	121,463	156,665	2,766,904
	Return													<u>1/</u>
	Consumptive Use													
Coachella Valley County Water District (Diversion at Imperial Dam)	Diversion	22,657	27,824	39,183	44,847	56,713	53,117	58,037	61,655	51,605	33,581	22,816	23,047	495,022
	Return													<u>1/</u>
	Consumptive Use													

DIVERSIONS FROM MAINSTREAM — AVAILABLE RETURN FLOW
AND CONSUMPTIVE USE OF SUCH WATER
CALENDAR YEAR 1969
STATE OF CALIFORNIA

(B)

Sheet 2 of 2
Final Records
(ACRE - FEET)

Water User		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTALS
City of Winterhaven 1 Well SE 1/4 SE 1/4, sec. 27, T. 16 S., R. 22 E., SEM	Diversion													19 3/4
	Return													1/
	Consumptive Use													
Other California Users Pumping from Colorado River and wells in flood plain Davis Dam to International Boundary	Diversion	2,125	3,133	3,850	4,208	4,656	3,795	4,576	4,645	4,260	2,670	1,648	2,086	41,652
	Return													1/
	Consumptive Use													
CALIFORNIA TOTALS	Diversion	257,935	394,555	494,267	506,181	540,891	520,579	576,577	583,891	463,469	448,556	289,408	337,071	5,413,399
	Return	31,278	31,021	41,618	44,491	48,185	46,840	49,017	51,990	50,796	45,201	38,042	38,387	516,872
	Consumptive Use	226,657	363,534	452,649	461,690	492,706	473,739	527,560	531,901	412,673	403,355	251,360	298,684	4,896,527

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 1-5.
- 5/ The total is 19 acre-feet greater than the sum of the monthly totals because of nonavailability of monthly distribution of diversions by City of Winterhaven.

DIVERSIONS FROM MAINSTREAM — AVAILABLE RETURN FLOW
AND CONSUMPTIVE USE OF SUCH WATER
CALENDAR YEAR 1969
STATE OF CALIFORNIA

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

(ACRE - FEET)

Water User	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTALS
Williams, Floyd 2 Wells SE $\frac{1}{4}$ NW $\frac{1}{4}$ NE $\frac{1}{4}$ sec.31, T.11 N., R.22 E., SEM	Diversions												1,080
Williams, Floyd 1 Well SE $\frac{1}{4}$ NE $\frac{1}{4}$ SW $\frac{1}{4}$ sec.36, T.11 N., R.21 E., SEM	Diversions												720
Williams, Floyd 1 Well NW $\frac{1}{4}$ NW $\frac{1}{4}$ SE $\frac{1}{4}$ sec.36, T.11 N., R.21 E., SEM	Diversions												558
Southern California Gas Company 2 Wells SE $\frac{1}{4}$ SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec.29, T.9 N., R.23 E., SRM	Diversions												209 $\frac{2}{1}$
P. G. & E. Compressor Station 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	Diversions												84 $\frac{2}{1}$
Rio Mesa Ranch 1 Well SE $\frac{1}{4}$ NE $\frac{1}{4}$ SE $\frac{1}{4}$ sec.9, T.1 S., R.24 E., SEM	0	0	0	0	0	0	0	0	0	0	13	30	43 $\frac{3}{1}$
Daneral Mesa Ranch 1 Well NW $\frac{1}{4}$ SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec.10, T.1 S., R.24 E., SEM 1 Well NW $\frac{1}{4}$ SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec.10, T.1 S., R.24 E., SEM 1 Well NW $\frac{1}{4}$ SW $\frac{1}{4}$ SE $\frac{1}{4}$ sec.10, T.1 S., R.24 E., SEM 1 Well NW $\frac{1}{4}$ NW $\frac{1}{4}$ NE $\frac{1}{4}$ sec.15, T.1 S., R.24 E., SEM 1 Well NW $\frac{1}{4}$ SE $\frac{1}{4}$ NW $\frac{1}{4}$ sec.15, T.1 S., R.24 E., SEM 1 Well SW $\frac{1}{4}$ NE $\frac{1}{4}$ NW $\frac{1}{4}$ sec.15, T.1 S., R.24 E., SEM 1 Well SE $\frac{1}{4}$ NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec.15, T.1 S., R.24 E., SEM	279	247	262	335	242	335	458	491	370	397	184	242	3,842 $\frac{3}{1}$
Lye, R. L. 1 Well SW $\frac{1}{4}$ NW $\frac{1}{4}$ NE $\frac{1}{4}$ sec.16, T.1 S., R.24 E., SEM	5	14	6	18	7	22	27	16	17	13	5	5	155 $\frac{3}{1}$
Swan, James 1 Well NE $\frac{1}{4}$ SW $\frac{1}{4}$ NE $\frac{1}{4}$ sec.14, T.3 S., R.23 E., SEM	0	0	18	28	64	47	52	46	52	17	0	0	324 $\frac{3}{1}$

DIVERSIONS FROM MAINSTREAM — AVAILABLE RETURN FLOW
AND CONSUMPTIVE USE OF SUCH WATER
CALENDAR YEAR 1969
STATE OF CALIFORNIA

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

(ACRE - FEET)

Water User		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTALS
Eberhart, C. F. 1 Pump SE $\frac{1}{4}$ NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec.14, T.3 S., R.23 E., SBM	Diversion	210	237	276	168	252	254	316	311	310	16	90	238	2,678 $\frac{3}{4}$
Eberhart, C. F. 1 Pump SE $\frac{1}{4}$ NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec.13, T.3 S., R.23 E., SBM	Diversion	84	90	128	226	181	212	308	298	272	8	92	114	2,013 $\frac{3}{4}$
Cagle and Wilson 1 Pump NE $\frac{1}{4}$ NE $\frac{1}{4}$ SW $\frac{1}{4}$ sec.13, T.3 S., R.23 E., SBM	Diversion	161	166	227	212	312	312	330	416	227	50	138	146	2,697 $\frac{3}{4}$
Harvey, K. E. 1 Pump SE $\frac{1}{4}$ NE $\frac{1}{4}$ SE $\frac{1}{4}$ sec.11, T.4 S., R.23 E., SBM	Diversion	0	70	68	58	0	0	0	0	0	0	0	0	196 $\frac{3}{4}$
Clark, Robert 1 Pump SE $\frac{1}{4}$ SE $\frac{1}{4}$ NW $\frac{1}{4}$ sec.36, T.4 S., R.23 E., SBM	Diversion	73	79	104	101	89	154	151	106	0	5	12	24	898 $\frac{3}{4}$
Harlin, A. R. 1 Pump NE $\frac{1}{4}$ SE $\frac{1}{4}$ NW $\frac{1}{4}$ sec.6, T.5 S., R.24 E., SBM	Diversion	82	227	284	264	130	65	5	6	18	6	9	272	1,368 $\frac{3}{4}$
Harlin, A. R. 1 Pump NE $\frac{1}{4}$ SE $\frac{1}{4}$ NW $\frac{1}{4}$ sec.6, T.5 S., R.24 E., SBM	Diversion	8	158	1	45	142	40	10	86	68	15	42	38	653 $\frac{3}{4}$
Harlin, A. R. 1 Pump NE $\frac{1}{4}$ SE $\frac{1}{4}$ NW $\frac{1}{4}$ sec.6, T.5 S., R.24 E., SBM	Diversion	7	59	93	114	143	106	123	37	216	159	12	179	1,248 $\frac{3}{4}$
Harlin, A. R. 1 Pump NW $\frac{1}{4}$ NE $\frac{1}{4}$ SE $\frac{1}{4}$ sec.7, T.5 S., R.24 E., SBM	Diversion	57	118	150	164	205	107	238	126	284	131	20	142	1,742 $\frac{3}{4}$
Harlin, A. R. 1 Pump NW $\frac{1}{4}$ NE $\frac{1}{4}$ SE $\frac{1}{4}$ sec.7, T.5 S., R.24 E., SBM	Diversion	97	110	104	142	465	86	10	93	262	115	23	144	1,651 $\frac{3}{4}$
Anderson, Carl 1 Pump SW $\frac{1}{4}$ SE $\frac{1}{4}$ SW $\frac{1}{4}$ sec.13, T.9 S., R.21 E., SBM	Diversion	75	288	51	0	56	90	160	80	1	0	0	0	801 $\frac{3}{4}$
Subtotals-Davis Dam to Imperial Dam	$\frac{4}{5}$ Diversion	1,138	1,863	1,772	1,875	2,288	1,830	2,188	2,112	2,097	932	640	1,574	20,309
	$\frac{2}{5}$ Diversion	67	177	262	248	273	289	325	341	240	163	127	139	2,651

193 208 255 309 337 324 255 20 107 149

DIVERSIONS FROM MAINSTREAM — AVAILABLE RETURN FLOW
AND CONSUMPTIVE USE OF SUCH WATER
CALENDAR YEAR 1969
STATE OF CALIFORNIA

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

(ACRE - FEET)

Water User	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTALS <u>1/</u>
Cole, D. C. 1 Well and 1 Pump NW $\frac{1}{4}$ NE $\frac{1}{4}$ SE $\frac{1}{4}$ sec.35, T.15 S., R.23 E., SBM	Diversion												516
O'Neal, W. H. 1 Well SW $\frac{1}{4}$ SE $\frac{1}{4}$ SW $\frac{1}{4}$ sec.35, T.15 S., R.23 E., SBM	Diversion												294
Berryman, Harley 1 Well SW $\frac{1}{4}$ NW $\frac{1}{4}$ sec.2, T.16 S., R.23 E., SBM	15	12	31	28	12	31	43	40	26	0	26	0	264 <u>3/</u>
O'Neal, W. H. 1 Pump SW $\frac{1}{4}$ NW $\frac{1}{4}$ SW $\frac{1}{4}$ sec.2, T.16 S., R.23 E., SBM	Diversion												52
Power, Pete 1 Pump NE $\frac{1}{4}$ NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec.15, T.16 S., R.23 E., SBM 1 Pump SW $\frac{1}{4}$ SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec.14, T.16 S., R.23 E., SBM	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., SBM	0	3	20	65	55	57	57	41	31	0	62	0	391 <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
Dees, John F. 1 Well SE $\frac{1}{4}$ NW $\frac{1}{4}$ sec.6, T.8 S., R.22 W., G & SRM	Diversion												864
Spencer, M. E. 1 Well NE $\frac{1}{4}$ SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec.9, T.16 S., R.23 E., SBM	21	32	9	106	48	32	28	79	51	7	26	19	458 <u>3/</u>
Coley, Marvin 1 Well SE $\frac{1}{4}$ SE $\frac{1}{4}$ SW $\frac{1}{4}$ sec.18, T.16 S., R.23 E., SBM	Diversion												259 <u>3/</u>
Martin, Marvin 1 Well NE $\frac{1}{4}$ NW $\frac{1}{4}$ sec.1, T.8 S., R.23 W., G & SRM	8	57	57	5	9	13	0	23	0	0	0	0	172 <u>3/</u>

DIVERIONS FROM MAINSTREAM — AVAILABLE RETURN FLOW
AND CONSUMPTIVE USE OF SUCH WATER
CALENDAR YEAR 1969
STATE OF CALIFORNIA

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

(ACRE - FEET)

Water User		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTALS	1/
Martin, Marvin 1 Well NE $\frac{1}{4}$ NE $\frac{1}{4}$ NW $\frac{1}{4}$ sec.1, T.8 S., R.23 W., G & SRM	Diversion	83	50	33	50	87	182	273	74	91	103	50	0	1,076	3/
Harp, Robert 1 Well SE $\frac{1}{4}$ SW $\frac{1}{4}$ NE $\frac{1}{4}$ sec.2, T.8 S., R.23 W., G & SRM	Diversion	49	2	89	84	68	13	78	63	91	93	66	33	729	3/
Harp, Robert 1 Well NE $\frac{1}{4}$ SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec.2, T.8 S., R.23 W., G & SRM	Diversion	90	31	171	165	140	33	69	156	117	144	42	27	1,185	3/
Harp, Robert 1 Well NE $\frac{1}{4}$ NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec.12, T.8 S., R.23 W., G & SRM	Diversion	0	0	45	3	24	32	80	96	109	99	16	0	504	3/
Easterday, Anne 1 Well SW $\frac{1}{4}$ SW $\frac{1}{4}$ SE $\frac{1}{4}$ sec.1, T.8 S., R.23 W., G & SRM	Diversion													720	
Dees, John F. 1 Well SE $\frac{1}{4}$ NE $\frac{1}{4}$ SE $\frac{1}{4}$ sec.1, T.8 S., R.23 W., G & SRM	Diversion													720	
Harp, Robert 1 Well SE $\frac{1}{4}$ NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec.12, T.8 S., R.23 W., G & SRM	Diversion	7	0	129	35	38	53	127	73	51	27	0	0	540	3/
Harp, Paul 1 Well SE $\frac{1}{4}$ NE $\frac{1}{4}$ SE $\frac{1}{4}$ sec.12, T.8 S., R.23 W., G & SRM	Diversion													720	
Easterday, Kenneth 1 Well NW $\frac{1}{4}$ SE $\frac{1}{4}$ SW $\frac{1}{4}$ sec.12, T.8 S., R.23 W., G & SRM	Diversion	15	94	138	132	138	127	193	125	61	31	153	8	1,215	3/
Power, Pete 1 Well NE $\frac{1}{4}$ SW $\frac{1}{4}$ SE $\frac{1}{4}$ sec.11, T.8 S., R.23 W., G & SRM	Diversion													1,104	
Hughes, Earl 1 Well NE $\frac{1}{4}$ SE $\frac{1}{4}$ SW $\frac{1}{4}$ sec.19, T.16 S., R.23 E., SBM	Diversion	52	4	68	114	97	5	7	11	11	8	75	7	459	2/

DIVERIONS FROM MAINSTREAM — AVAILABLE RETURN FLOW
AND CONSUMPTIVE USE OF SUCH WATER
CALENDAR YEAR 1969
STATE OF CALIFORNIA

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

(ACRE - FEET)

Water User		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTALS ^{1/}
Hutchenson, John 1 Pump SE ^{1/4} SE ^{1/4} SE ^{1/4} sec.27, T.16 S., R.22 E., SEM	Diversion	0	0	99	48	83	111	77	88	111	0	87	2	706 ^{3/}
Layton, Chris 1 Pump SW ^{1/4} NE ^{1/4} SE ^{1/4} sec.29, T.16 S., R.22 E., SEM	Diversion	4	1	50	54	44	55	50	63	68	34	0	0	423 ^{3/}
Breech, Joe 1 Pump SW ^{1/4} SW ^{1/4} NW ^{1/4} sec.29, T.16 S., R.22 E., SEM	Diversion	231	0	117	262	145	0	0	334	334	320	12	0	1,755 ^{3/}
Lewis, Joe 1 Well NW ^{1/4} NW ^{1/4} NW ^{1/4} sec.29, T.16 S., R.22 E., SEM	Diversion	25	14	0	0	75	20	0	0	0	0	0	0	134 ^{3/}
Subtotals - Imperial Dam to Boundary	^{4/} Diversion	600	364	1,101	1,194	1,170	764	1,082	1,266	1,132	866	615	96	10,270
	^{5/} Diversion	320	729	715	891	925	912	981	926	771	709	266	277	8,422
TOTAL - Other California users pumping from Colorado River and wells in flood plain - included in California totals on page 17	Diversion	2,125	3,133	3,850	4,208	4,656	3,795	4,576	4,645	4,260	2,670	1,648	2,086	41,652

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.

DIVERSIONS FROM MAINSTREAM — AVAILABLE RETURN FLOW
AND CONSUMPTIVE USE OF SUCH WATER
CALENDAR YEAR 1969
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
Boulder City (Diversion at Hoover Dam)	Diversion Return Consumptive Use	89	79	137	213	275	328	338	356	263	157	117	79	2,431 1/
Lake Mead National Recreation Area (Diversion from Lake Mead) (Diversion from Lake Mohave)	Diversion Diversion Return Consumptive Use	22	18	34	51	72	77	86	84	72	69	46	52	683 4 2/ 1/
Basic Management Inc. (Diversion at Saddle Island, Lake Mead)	Diversion Return Consumptive Use	1,610	1,429	1,671	1,893	2,006	2,454	2,645	2,511	2,413	1,942	1,686	1,761	24,021 3/
Las Vegas Valley Water District (Diversion at Saddle Island, Lake Mead) 4/	Diversion Return Consumptive Use	0	0	0	0	139	1,021	1,450	1,648	1,272	1,389	1,371	1,420	9,710 3/
Johns-Manville Sales Corporation (Diversion at Gypsum Wash)	Diversion Return Consumptive Use	28	23	30	30	38	37	36	37	43	35	29	36	402 1/
Rio Alto Vista Properties 6/ Sec. 24, T. 32 S., R. 66 E., MDB & M	Diversion							7	7	7	7	6	6	40 1/
Ramelli, William C. Lot No. 3, Sec. 13, T. 32 S., R. 66 E., MDB & M	Diversion													3 5/ 1/
Wiebke, Armin T. 1 Pump All except W. 500' and E. 630' of Lot 1, Sec. 33, T. 32 S., R. 66 E., MDB & M	Diversion													0 5/ 1/

DIVERIONS FROM MAINSTREAM — AVAILABLE RETURN FLOW
AND CONSUMPTIVE USE OF SUCH WATER
CALENDAR YEAR 1969
STATE OF NEVADA

(VIB)

Sheet 2 of 2
Final Records

(ACRE - FEET)

Water User		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTALS
Portenier, Warren E. 1 Pump W ¹ / ₂ , Lot 1, Sec. 33, T. 32 S., R. 66 E., MDB & M	Diversion													25 ⁵ / ₁
Welles, John C. 1 Pump E ¹ / ₂ , Lot 2, Sec. 33, T. 32 S., R. 66 E., MDB & M	Diversion													5 ⁵ / ₁
Cavanagh, Milton E. 1 Pump W ¹ / ₂ , Lot 2, Sec. 33, T. 32 S., R. 66 E., MDB & M	Diversion													8 ⁵ / ₁
Southern California Edison Company ⁶ / ₁ 1 Portable Pump Sec. 24, T. 32 S., R. 66 E., MDB & M	Diversion Return Consumptive Use	5	5	5	5	5	5	5	5	5	5	5	5	60 ¹ / ₁
NEVADA TOTALS	Diversion Return Consumptive Use	1,754	1,554	1,877	2,192	2,535	3,922	4,567	4,648	4,075	3,604	3,260	3,359	37,392 ⁷ / ₁

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

¹/₁ No surface returns.

²/₁ Diversion too small to tabulate monthly - not included in subtotal.

³/₁ Portions of return flow in Las Vegas Wash attributable to Basic Management Inc., and to Las Vegas Valley Water District are not assigned.

⁴/₁ Delivered through the facilities of Basic Management Inc., and metered at Booster Pump No. 2.

⁵/₁ Reported annually.

⁶/₁ Reported semiannually, and arbitrarily distributed by months.

⁷/₁ The total is 45 acre-feet greater than the sum of the monthly totals because of the nonavailability of monthly distribution of items footnoted ²/₁ and ⁵/₁.

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 1969

The enclosed tabulations for Calendar Year 1969 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.

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 main stream.

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.

The daily quantities of "water ordered but not diverted" were considered for all diverters each day and, to the extent possible, this water was delivered to others in satisfaction of their rights. The quantities of such deliveries are shown on the tabulation.

To date, no orders are received for diversions from the Colorado River in Nevada so no sheet is included for Nevada. Diversions from Lake Mead for use in Nevada are not large enough at the present time to be of significance in scheduling daily operations.

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

Sheet 1 of 2
Final Records

CALENDAR YEAR 1969

STATE OF ARIZONA

(ACRE - FEET)

Water User		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTALS
Colorado River Indian Reservation	Ordered but not Diverted	662	149	678	1,384	954	1,610	1,434	1,488	1,817	1,103	262	271	11,812
	Delivered to Mexico	0	0	0	0	0	0	0	0	0	0	0	0	0
(Diversion of Headgate Rock Dam)	Diverted by Others	0	38	131	496	99	555	613	371	244	466	61	85	3,159
Yuma Proving Ground, U. S. Army 1/	Ordered but not Diverted	0	0	0	0	0	0	0	0	0	0	0	0	0
	Delivered to Mexico	0	0	0	0	0	0	0	0	0	0	0	0	0
(Diversion at Imperial Dam)	Diverted by Others	0	0	0	0	0	0	0	0	0	0	0	0	0
North Gila Valley Irrigation District	Ordered but not Diverted	881	744	625	545	783	722	966	845	700	1,035	1,107	1,406	10,359
	Delivered to Mexico	0	0	0	0	0	0	0	0	0	0	0	0	0
(Diversion at Imperial Dam)	Diverted by Others	188	169	256	224	136	315	317	129	414	639	67	290	3,144
Wellton-Mohawk Irrigation and Drainage District	Ordered but not Diverted	3,802	1,333	1,174	1,452	2,493	2,049	1,261	1,281	3,368	3,203	2,941	2,551	26,908
	Delivered to Mexico	0	0	0	0	0	0	0	0	0	0	0	0	0
(Diversion at Imperial Dam)	Diverted by Others	1,188	694	460	724	599	635	313	603	688	1,146	159	597	7,806
Yuma Irrigation District	Ordered but not Diverted	355	147	111	123	252	331	448	155	482	597	472	436	3,909
	Delivered to Mexico	0	0	0	0	0	0	0	0	0	0	0	0	0
(Diversion at Imperial Dam)	Diverted by Others	22	32	16	91	75	75	67	4	182	262	76	20	922
Yuma Mesa Irrigation and Drainage District	Ordered but not Diverted	2,460	616	797	583	601	1,315	1,029	839	2,174	1,876	4,254	2,953	19,497
	Delivered to Mexico	0	0	0	0	0	0	0	0	0	0	0	0	0
(Diversion at Imperial Dam)	Diverted by Others	610	297	496	260	248	222	438	228	912	831	673	728	5,943
Unit "B" Irrigation and Drainage District	Ordered but not Diverted	702	331	182	115	292	167	103	278	446	635	736	494	4,481
	Delivered to Mexico	0	0	0	0	0	0	0	0	0	0	0	0	0
(Diversion at Imperial Dam)	Diverted by Others	246	43	22	63	101	21	38	50	242	363	85	62	1,336
City of Yuma	Ordered but not Diverted	128	79	28	51	0	29	0	0	274	235	238	189	1,251
	Delivered to Mexico	0	0	0	0	0	0	0	0	0	0	0	0	0
(Diversion at Imperial Dam)	Diverted by Others	32	56	15	49	0	14	0	0	151	60	84	75	536
Yuma County Water Users' Association	Ordered but not Diverted	4,172	1,389	4,190	971	1,923	3,012	2,669	1,825	2,403	2,201	6,978	4,124	35,857
	Delivered to Mexico	0	0	0	0	0	0	0	0	0	0	0	0	0
(Diversion at Imperial Dam)	Diverted by Others	1,030	989	2,274	924	684	1,467	1,783	1,445	1,322	567	2,465	1,644	16,594

1/ No orders received.

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 1969

Sheet 2 of 2
Final Records
(ACRE - FEET)

STATE OF ARIZONA

Water User		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTALS
Cocopah Indian Reservation (Diversion at Imperial Dam)	Ordered but not Diverted	4	6	3	1	1	2	3	4	9	0	0	23	56
	Delivered to Mexico	0	0	0	0	0	0	0	0	0	0	0	0	0
	Diverted by Others	1	4	2	1	0	1	2	3	5	0	0	9	28
ARIZONA TOTALS	Ordered but not Diverted	13,166	4,794	7,788	5,225	7,299	9,237	7,913	6,715	11,673	10,885	16,988	12,447	114,130
	Delivered to Mexico	0	0	0	0	0	0	0	0	0	0	0	0	0
	Diverted by Others	3,317	2,322	3,672	2,832	1,942	3,305	3,571	2,833	4,160	4,334	3,670	3,510	39,468

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 1969
STATE OF CALIFORNIA

(VIC)

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)	Ordered but not Diverted	725	0	0	0	0	0	1,935	609	0	839	1,850	2,533	8,491
	Delivered to Mexico ^{1/}	0	0	0	0	0	0	0	0	0	0	0	0	0
	Diverted by Others ^{1/}	0	0	0	0	0	0	0	0	0	0	0	0	0
Palo Verde Irrigation District (Diversion at Palo Verde Diversion Dam)	Ordered but not Diverted	2,509	904	1,646	918	2,745	1,573	2,870	1,622	3,699	1,210	2,481	1,141	23,318
	Delivered to Mexico	0	0	0	0	0	0	0	0	0	0	0	0	0
	Diverted by Others	30	178	236	38	214	206	149	4	165	159	222	78	1,679
Yuma Project Reservation Division - Bard Unit (Diversion at Imperial Dam)	Ordered but not Diverted	601	219	361	312	745	477	875	757	230	714	444	356	6,091
	Delivered to Mexico	0	0	0	0	0	0	0	0	0	0	0	0	0
	Diverted by Others	234	208	224	296	398	189	541	516	61	426	75	152	3,320
Yuma Project Reservation Division - Indian Unit (Diversion at Imperial Dam)	Ordered but not Diverted	1,027	243	254	242	312	255	583	943	389	525	671	275	5,719
	Delivered to Mexico	0	0	0	0	0	0	0	0	0	0	0	0	0
	Diverted by Others	399	230	157	230	167	101	360	644	104	313	113	118	2,936
Imperial Irrigation District (Diversion at Imperial Dam)	Ordered but not Diverted	9,975	0	0	0	0	0	0	0	1,589	0	7,458	0	19,022
	Delivered to Mexico	0	0	0	0	0	0	0	0	0	0	0	0	0
	Diverted by Others	38	0	0	0	0	0	0	0	470	0	117	0	625
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	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
CALIFORNIA TOTALS	Ordered but not Diverted	14,837	1,366	2,261	1,472	3,802	2,305	6,263	3,931	5,907	3,288	12,904	4,305	62,641
	Delivered to Mexico	0	0	0	0	0	0	0	0	0	0	0	0	0
	Diverted by Others	701	616	617	564	779	496	1,050	1,164	800	898	527	348	8,560

^{1/} All water "Ordered but not Diverted" remained in Lake Havasu storage.

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 1969

DELIVERIES TO MEXICO IN SATISFACTION OF PART III OF 1944 TREATY
AND
WATER PASSING TO MEXICO IN EXCESS OF TREATY REQUIREMENTS
CALENDAR YEAR 1969

V(D)

Final Records
(ACRE - FEET)

	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTALS
Deliveries to Mexico in Satisfaction of Treaty	129,714	93,232	202,677	210,784	97,285	125,660	170,249	169,308	90,799	55,370	53,584	101,338	1,500,000
Passing to Mexico in Excess of Treaty Requirements	8,165	6,064	307	205	246	214	134	247	4	20,393	26,565	3,240	65,784

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 1969

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 1969

V(E)

Final Records
(ACRE - FEET)

	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTALS
Gila River													
Diversion													731 ^{1/}
Consumptive Use													731 ^{2/}
San Francisco River													
Diversion													1,882 ^{1/}
Consumptive Use													1,882 ^{2/}
<p>Note: The term "Consumptive Use" in this tabulation means measured diversion less measured return to the river.</p> <p>^{1/} Records of monthly distribution not available. ^{2/} No surface returns.</p>													