

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

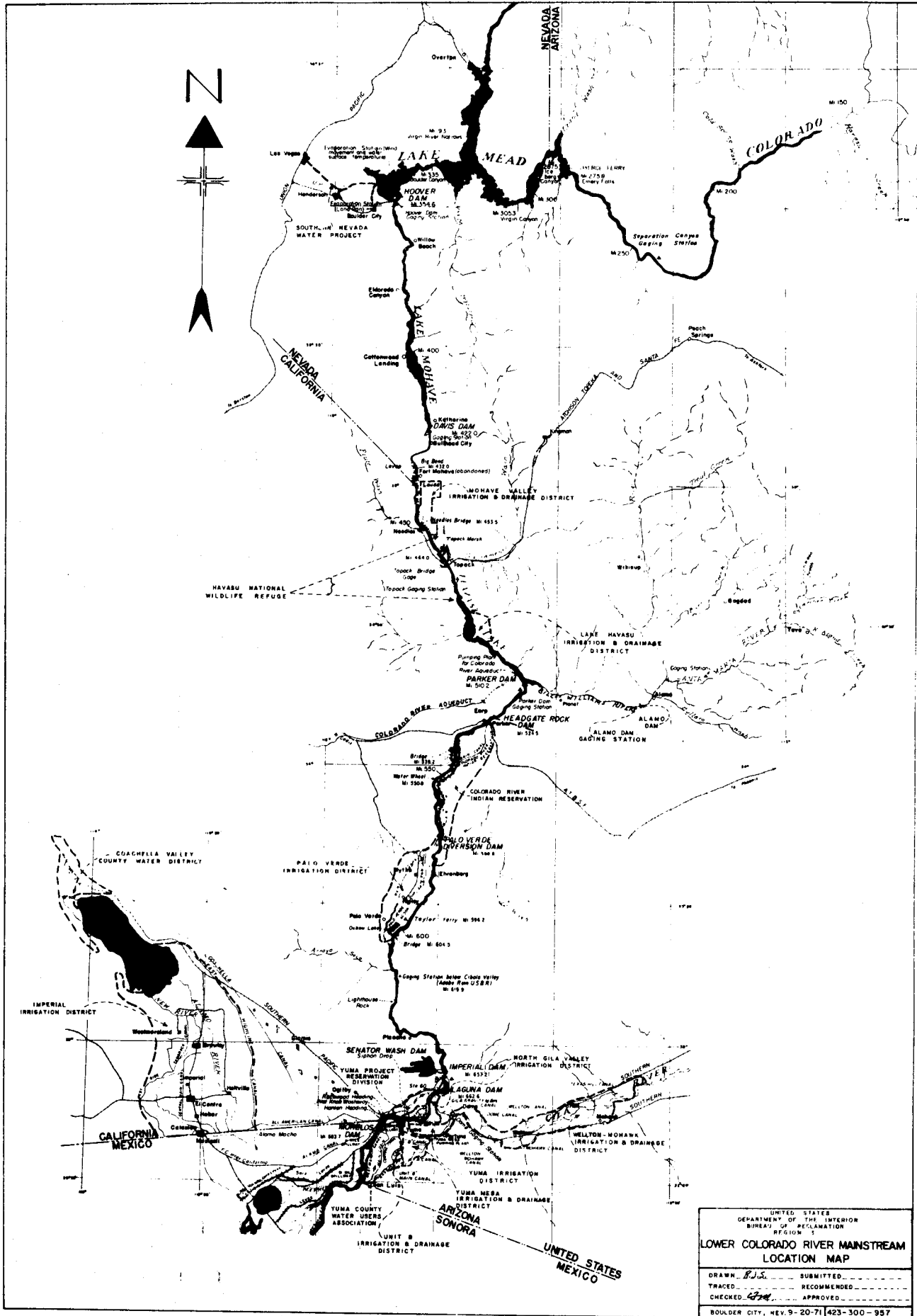
CALENDAR YEAR 1971

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 1
**LOWER COLORADO RIVER MAINSTREAM
LOCATION MAP**

| | |
|---------------------|-------------|
| DRAWN <i>R.J.S.</i> | SUBMITTED |
| TRACED | RECOMMENDED |
| CHECKED <i>CFM</i> | APPROVED |

BOULDER CITY, NEV. 9-20-71 423-300-987

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.

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

V(5)

AND CONSUMPTIVE USE OF SUCH WATER

CALENDAR YEAR 1971

STATE OF ARIZONA

Sheet 1 of 4

Final Records
(ACRE FEET)

| Water User | | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER | TOTALS |
|--|-----------------|---------|----------|--------|--------|--------|--------|--------|--------|-----------|---------|----------|----------|---------|
| Lake Mead National Recreation Area | | | | | | | | | | | | | | |
| Diversions from Lake Mohave | Diversion | 11 | 10 | 11 | 15 | 20 | 23 | 28 | 29 | 27 | 24 | 21 | 17 | 236 |
| | Return | | | | | | | | | | | | | 1/ |
| | Consumptive Use | | | | | | | | | | | | | |
| Mohave Valley Irrigation and Drainage District | | | | | | | | | | | | | | |
| Pumped from wells and from inlet channel to Havasu National Wildlife Refuge | Diversion | 418 | 676 | 903 | 1,669 | 1,356 | 1,417 | 1,905 | 1,289 | 1,209 | 934 | 596 | 293 | 12,665 |
| | Return | | | | | | | | | | | | | 1/ |
| | Consumptive Use | | | | | | | | | | | | | |
| Havasas National Wildlife Refuge | | | | | | | | | | | | | | |
| Inlet - NW ¹ / ₄ NE ¹ / ₄ NW ¹ / ₄ , Sec. 33, T. 9 N., R. 23 E., SBM | Diversion | 349 | 522 | 3,220 | 3,230 | 2,120 | 5,120 | 4,110 | 4,170 | 4,800 | 3,830 | 1,690 | 4,080 | 37,241 |
| Less diversion from inlet channel by pump in SE ¹ / ₄ SW ¹ / ₄ SE ¹ / ₄ , Sec. 24, T. 17 N., R. 22 W., G&SRM | | | | | | | | | | | | | | 1,960 |
| 1 well - NE ¹ / ₄ NE ¹ / ₄ NE ¹ / ₄ , Sec. 15, T. 8 N., R. 23 E., SBM | Diversion | 0 | 0 | 0 | 27 | 27 | 31 | 31 | 16 | 28 | 34 | 42 | 2 | 238 |
| Outlet - SW ¹ / ₄ SW ¹ / ₄ SE ¹ / ₄ , Sec. 27, T. 16 N., R. 21 W., G&SRM | Return | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2,710 | 385 | 0 | 0 | 3,095 |
| | Consumptive Use | 349 | 522 | 3,220 | 3,257 | 2,147 | 5,151 | 4,141 | 4,186 | 2,118 | 3,479 | 1,732 | 4,082 | 34,384 |
| Lake Havasu Irrigation and Drainage District | | | | | | | | | | | | | | |
| Pumped from wells | Diversion | 133 | 212 | 260 | 323 | 319 | 330 | 497 | 419 | 437 | 357 | 280 | 202 | 3,769 |
| | Return | | | | | | | | | | | | | 1/ |
| | Consumptive Use | | | | | | | | | | | | | |
| Town of Parker | | | | | | | | | | | | | | |
| 1 well NW ¹ / ₄ NW ¹ / ₄ NW ¹ / ₄ , Sec. 7, T. 9 N., R. 19 W., G&SRM | Diversion | 32 | 38 | 49 | 54 | 64 | 84 | 103 | 82 | 76 | 39 | 27 | 18 | 666 |
| 1 well SW ¹ / ₄ NW ¹ / ₄ NE ¹ / ₄ , Sec. 15, T. 9 N., R. 20 W., G&SRM | Return | | | | | | | | | | | | | 1/ |
| | Consumptive Use | | | | | | | | | | | | | |
| Colorado River Indian Reservation | | | | | | | | | | | | | | |
| Diversions at Headgate Rock Dam | Diversion | 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 |
| Pumped from 2 wells at Parker SW ¹ / ₄ NE ¹ / ₄ SE ¹ / ₄ , Sec. 2, T. 9 N., R. 20 W., G&SRM | Diversion | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 3 | 3 | 3 | 41 |
| 1 well at Valley Field Office NW ¹ / ₄ NE ¹ / ₄ NW ¹ / ₄ , Sec. 1, T. 8 N., R. 21 W., G&SRM | Diversion | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 17 |
| 4 wells at Poston NW ¹ / ₄ , Sec. 36, T. 8 N., R. 21 W., G&SRM | Diversion | 2 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 3 | 3 | 3 | 40 |

Footnotes are on page 11

DIVERSIONS FROM MAINSTREAM - AVAILABLE RETURN FLOW

V(B)

AND CONSUMPTIVE USE OF SUCH WATER

CALENDAR YEAR 1971

STATE OF ARIZONA

Sheet 2 of 4

Final Records
(ACRE FEET)

| Water User | | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER | TOTALS |
|---|-------------------------|---------|----------|--------|--------|--------|--------|--------|--------|-----------|---------|----------|----------|---------------|
| 3 pumps SW $\frac{1}{4}$ SW $\frac{1}{4}$ NE $\frac{1}{4}$, Sec. 14, T. 5 N., R. 22 W., G&SRM | Diversion $\frac{3}{4}$ | 368 | 1,119 | 1,905 | 1,502 | 1,922 | 1,391 | 2,067 | 1,887 | 1,547 | 542 | 1,462 | 770 | 16,482 |
| 2 pumps NE $\frac{1}{4}$ SW $\frac{1}{4}$ NW $\frac{1}{4}$, Sec. 14, T. 4 N., R. 22 W., G&SRM | Diversion $\frac{3}{4}$ | 24 | 178 | 545 | 123 | 318 | 571 | 471 | 291 | 349 | 362 | 522 | 333 | 4,087 |
| | Return | 18,800 | 22,350 | 30,210 | 30,200 | 32,820 | 27,780 | 31,900 | 35,280 | 31,920 | 31,840 | 30,320 | 30,920 | 354,340 |
| | Consumptive Use | 608 | 26,664 | 33,007 | 35,602 | 34,160 | 33,062 | 43,348 | 31,238 | 32,076 | 12,381 | 7,881 | 7,190 | 297,217 |
| Imperial National Wildlife Refuge 2 wells | Diversion | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 6 | 17 | 37 | 46 | 114 |
| NW $\frac{1}{4}$ NW $\frac{1}{4}$, Sec. 13, T. 5 S., R. 22 W., G&SRM | | | | | | | | | | | | | | |
| SW $\frac{1}{4}$ NE $\frac{1}{4}$ SW $\frac{1}{4}$, Sec. 13, T. 5 S., R. 22 W., G&SRM | Return | | | | | | | | | | | | | $\frac{1}{4}$ |
| | Consumptive Use | | | | | | | | | | | | | |
| Yuma Proving Ground, U.S. Army Diversion at Imperial Dam | Diversion | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 3 | 0 | 6 | 0 | 3 | 13 |
| | Return | | | | | | | | | | | | | $\frac{1}{4}$ |
| | Consumptive Use | | | | | | | | | | | | | |
| North Gila Valley Irrigation District Diversion at Imperial Dam | Diversion | 2,427 | 4,818 | 4,688 | 4,889 | 5,279 | 5,206 | 6,203 | 4,681 | 6,092 | 4,150 | 4,001 | 2,098 | 54,532 |
| | Return | 430 | 533 | 860 | 905 | 975 | 718 | 848 | 794 | 1,050 | 1,072 | 793 | 536 | 9,514 |
| | Consumptive Use | 1,997 | 4,285 | 3,828 | 3,984 | 4,304 | 4,488 | 5,355 | 3,887 | 5,042 | 3,078 | 3,208 | 1,562 | 45,018 |
| Warren Act Contractors Outside Gila Project Districts | Diversion | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 183 | 420 | 202 | 805 |
| | Return | | | | | | | | | | | | | |
| | Consumptive Use | | | | | | | | | | | | | |
| Wellton-Mohawk Irrigation and Drainage District Diversion at Imperial Dam | Diversion | 22,318 | 33,919 | 46,566 | 57,974 | 57,327 | 54,791 | 69,163 | 60,558 | 58,235 | 27,285 | 21,875 | 20,659 | 530,673 |
| | Return | 18,660 | 15,710 | 18,580 | 17,210 | 16,020 | 17,110 | 18,240 | 18,010 | 16,680 | 18,520 | 18,210 | 18,850 | 211,800 |
| | Consumptive Use | 3,658 | 18,209 | 27,986 | 40,764 | 41,307 | 37,681 | 50,923 | 42,548 | 41,555 | 8,765 | 3,665 | 1,809 | 318,873 |
| Yuma Irrigation District Diversion at Imperial Dam | Diversion | 2,269 | 4,654 | 4,801 | 4,407 | 5,733 | 5,483 | 4,754 | 5,227 | 5,002 | 3,636 | 3,560 | 2,260 | 51,786 |
| Pumped from Private wells | Diversion | 1,106 | 1,443 | 1,951 | 2,877 | 2,430 | 2,604 | 3,155 | 2,333 | 3,040 | 1,082 | 1,002 | 666 | 23,689 |
| | Return | | | | | | | | | | | | | $\frac{5}{2}$ |
| | Consumptive Use | | | | | | | | | | | | | |

Footnotes are on page 11

DIVERSIONS FROM MAINSTREAM - AVAILABLE RETURN FLOW

(B)

AND CONSUMPTIVE USE OF SUCH WATER

CALENDAR YEAR 1971

Sheet 3 of 4

STATE OF ARIZONA

Final Records

(ACRE FEET)

| Water User | | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER | TOTALS |
|--|-----------------|---------|----------|---------|---------|---------|---------|---------|---------|-----------|---------|----------|----------|-----------|
| Yuma Mesa Irrigation and Drainage District | | | | | | | | | | | | | | |
| Diversion at Imperial Dam | Diversion | 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 |
| | Return | | | | | | | | | | | | | 6/ |
| | Consumptive Use | | | | | | | | | | | | | 1/ |
| Unit "B" Irrigation and Drainage District | | | | | | | | | | | | | | |
| Diversion at Imperial Dam | Diversion | 2,030 | 2,191 | 2,901 | 3,409 | 3,630 | 4,614 | 5,473 | 5,323 | 4,606 | 2,531 | 2,163 | 1,953 | 40,824 |
| | Return | | | | | | | | | | | | | 7/ |
| | Consumptive Use | | | | | | | | | | | | | 1/ |
| Returns from South Gila Valley | Return | 3,765 | 5,048 | 9,043 | 7,451 | 2,974 | 5,097 | 8,116 | 8,132 | 3,952 | 3,965 | 3,913 | 4,496 | 65,952 |
| City of Yuma | | | | | | | | | | | | | | |
| Diversion at Imperial Dam | Diversion | 656 | 624 | 631 | 872 | 1,049 | 1,248 | 1,604 | 1,355 | 1,242 | 868 | 738 | 611 | 11,698 |
| | Return | -3 | 35 | 23 | 41 | 36 | 24 | 48 | 57 | 30 | 20 | 19 | 25 | 355 |
| | Consumptive Use | 659 | 589 | 608 | 831 | 1,013 | 1,224 | 1,556 | 1,298 | 1,212 | 848 | 719 | 586 | 11,343 |
| Yuma County Water Users' Association | | | | | | | | | | | | | | |
| Diversion at Imperial Dam | Diversion | 16,684 | 24,203 | 28,141 | 30,917 | 31,714 | 27,991 | 39,442 | 33,003 | 30,615 | 22,912 | 15,710 | 10,447 | 311,779 |
| Pumped from wells | Diversion | 1,005 | 808 | 899 | 882 | 1,133 | 886 | 1,017 | 871 | 971 | 958 | 886 | 926 | 11,244 |
| | Return | 11,017 | 10,988 | 12,149 | 11,723 | 12,140 | 12,289 | 12,090 | 12,326 | 12,549 | 12,944 | 12,449 | 11,132 | 143,796 |
| | Consumptive Use | 6,672 | 14,023 | 16,891 | 20,076 | 20,707 | 16,588 | 28,369 | 21,548 | 19,037 | 10,926 | 4,149 | 241 | 179,227 |
| Cocopah Indian Reservation | | | | | | | | | | | | | | |
| Diversion at Imperial Dam | Diversion | 66 | 107 | 74 | 104 | 52 | 68 | 238 | 98 | 48 | 0 | 5 | 74 | 934 |
| Pumped from wells | Diversion | 4 | 4 | 2 | 3 | 2 | 2 | 6 | 3 | 2 | 0 | 0 | 7 | 35 |
| | Return | | | | | | | | | | | | | 2/ |
| | Consumptive Use | | | | | | | | | | | | | |
| Other Users Pumping from Colorado River and wells in flood plain | | | | | | | | | | | | | | |
| Davis Dam to International Boundary 10/ | Diversion | 4,376 | 6,289 | 7,750 | 8,928 | 9,434 | 9,021 | 11,544 | 9,021 | 7,944 | 5,216 | 4,936 | 4,458 | 88,917 |
| | Return | | | | | | | | | | | | | 1/ |
| | Consumptive Use | | | | | | | | | | | | | |
| ARIZONA TOTALS | Diversion | 87,526 | 142,676 | 164,665 | 209,483 | 215,183 | 209,805 | 256,895 | 226,522 | 212,785 | 133,435 | 107,933 | 97,781 | 2,086,649 |
| | Return | 52,669 | 54,664 | 70,865 | 67,530 | 64,965 | 63,018 | 71,242 | 74,599 | 68,891 | 68,746 | 65,704 | 65,959 | 788,852 |
| | Consumptive Use | 34,857 | 88,012 | 113,800 | 141,953 | 150,218 | 146,787 | 185,653 | 151,923 | 143,894 | 64,689 | 42,229 | 31,822 | 1,297,797 |

1,296,930
500 1 28

Footnotes are on page 11

DIVERSIONS FROM MAINSTREAM - AVAILABLE RETURN FLOW

V(B)

AND CONSUMPTIVE USE OF SUCH WATER

CALENDAR YEAR 1971

Sheet 4 of 4

STATE OF ARIZONA

Final Records

(ACRE FEET)

| Water User | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER | TOTALS |
|---|---|----------|-------|-------|-----|------|------|--------|-----------|---------|----------|--------------------------------------|------------------------|
| <p>Note: The term "consumptive use" in this tabulation means measured diversion less measured return to the river.</p> | | | | | | | | | | | | | |
| <p>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:</p> | | | | | | | | | | | | | |
| | <u>Contractor</u> | | | | | | | | | | | <u>Point of Delivery</u> | <u>Annual Delivery</u> |
| | City of Yuma | | | | | | | | | | | B3.7 Lateral | 33 |
| | Desert Lawn Memorial Association | | | | | | | | | | | B3.7 Lateral | 98 |
| | Southern Pacific Company | | | | | | | | | | | B3.7 Lateral | 12 |
| | Southern Pacific Company | | | | | | | | | | | After bay of Yuma Mesa Pumping Plant | 48 |
| | Ritz Distribution Company | | | | | | | | | | | B3.7 Lateral | 10 |
| | Yuma Mesa Fruit Growers Association | | | | | | | | | | | B3.7 W. Lateral | 10 |
| | County of Yuma, Arizona | | | | | | | | | | | B3.8 Lateral | 12 |
| | Marine Corps Air Station, Dept. of Navy | | | | | | | | | | | B Canal and B -5.5 W. Lateral | 1,524 |
| | Total | | | | | | | | | | | | 1,747 |
| <p>7/ Includes deliveries to the following users who have contracts with the United States:</p> | | | | | | | | | | | | | |
| | University of Arizona | | | | | | | | | | | B Main Canal | 899 |
| | Camille Allec, Jr. | | | | | | | | | | | B-8 Lateral | 96 |
| <p>8/ Includes deliveries to the following water users who have contracts with the United States:</p> | | | | | | | | | | | | | |
| | Yuma Union High School District | | | | | | | | | | | Yuma Main Canal | 236 |
| | City of Yuma - Smucker Park | | | | | | | | | | | Yuma Main Canal | 149 |
| <p>2/ Returns include unknown quantities of drainage returns from Yuma Mesa Irrigation and Drainage District and Unit "B" Irrigation and Drainage District as well as from Yuma County Water Users' Association and Cocopah Indian Reservation. 10/ Details on Arizona Supplemental Sheets 1-5. 11/ The total is 1,960 acre-feet less than the sum of the monthly totals because of nonavailability of monthly distribution of item footnoted 2/.</p> | | | | | | | | | | | | | |

DIVERSIONS FROM MAINSTREAM - AVAILABLE RETURN FLOW

AND CONSUMPTIVE USE OF SUCH WATER

CALENDAR YEAR 1971

STATE OF ARIZONA

V(B)

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

ACRE FEET

| | | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER | TOTALS | 1/ |
|--|------------|----------|----------|-------|-------|-------|-------|-------|--------|-----------|---------|----------|----------|--------|----|
| Clayton Farms 2 Pumps SW ¹ / ₄ SE ¹ / ₄ SW ¹ / ₄ sec.34, T.4 N., R.22 W., G and SRM | Diversion | 216 | 386 | 474 | 296 | 266 | 157 | 802 | 685 | 507 | 164 | 116 | 19 | 4,088 | 2/ |
| Clayton Farms 1 Well SW ¹ / ₄ SW ¹ / ₄ SE ¹ / ₄ sec.34, T.4 N., R.22 W., G and SRM | Diversion | 33 | 17 | 14 | 0 | 21 | 36 | 6 | 68 | 29 | 7 | 15 | 0 | 246 | 2/ |
| Van Horn, George 2 Pumps SE ¹ / ₄ SW ¹ / ₄ NE ¹ / ₄ sec.28, T.3 N., R.22 W., G and SRM NE ¹ / ₄ SW ¹ / ₄ NE ¹ / ₄ sec.28, T.3 N., R.22 W., G and SRM | Diversion | | | | | | | | | | | | | 450 | |
| Sprall, Wayne 1 Pump SE ¹ / ₄ SW ¹ / ₄ NW ¹ / ₄ sec.21, T.1 N., R.23 W., G and SRM | Diversion | | | | | | | | | | | | | 3,330 | |
| 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 and SRM | Diversion | | | | | | | | | | | | | 21,400 | |
| Woodward 1 Pump SW ¹ / ₄ NW ¹ / ₄ NE ¹ / ₄ sec.2, T.1 S., R.24 W., G and SRM | Diversion | | | | | | | | | | | | | 2,724 | |
| Snitzer and Cockrell 1 Pump NW ¹ / ₄ NW ¹ / ₄ SW ¹ / ₄ sec.1, T.2 S., R.24 W., G and SRM | Diversion | | | | | | | | | | | | | 2,160 | |
| Snitzer and Cockrell 1 Pump NW ¹ / ₄ SW ¹ / ₄ SW ¹ / ₄ sec.31, T.2 S., R.23 W., G and SRM | Diversion | | | | | | | | | | | | | 2,460 | |
| Subtotals - Davis Dam to Imperial Dam | Diversions | 3/ 249 | 403 | 488 | 296 | 287 | 193 | 808 | 753 | 536 | 171 | 131 | 19 | 4,334 | |
| | Diversions | 4/ 1,232 | 2,327 | 2,895 | 3,274 | 3,373 | 3,183 | 4,014 | 3,201 | 3,072 | 2,076 | 1,936 | 1,940 | 32,524 | |
| Pratt, Loren 1 Well SW ¹ / ₄ NW ¹ / ₄ NE ¹ / ₄ sec.14, T.7 S., R.22 W., G and SRM 1 Pump SE ¹ / ₄ SW ¹ / ₄ NW ¹ / ₄ sec.14, T.7 S., R.22 W., G and SRM | Diversion | | | | | | | | | | | | | 450 | |
| Sturges, Steve 6 Wells in Sec. 18, T. 8 S., R. 21 W., and Sec. 13 and 14, T. 8 S., R. 22 W., G&SRM | Diversion | 959 | 1,504 | 1,708 | 1,688 | 1,917 | 1,998 | 2,266 | 1,523 | 1,152 | 1,000 | 852 | 829 | 17,396 | |

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)

| | | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER | TOTALS <u>1/</u> |
|--|-----------|---------|----------|-------|-------|-----|------|------|--------|-----------|---------|----------|----------|------------------|
| Tudor, Tom 1 Well SW $\frac{1}{4}$ NE $\frac{1}{4}$ SE $\frac{1}{4}$ sec.8, T.8 S., R.22 W., G and SRM | Diversion | | | | | | | | | | | | | 1,104 |
| Crowe, James 1 Well SE $\frac{1}{4}$ SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec.7, T.8 S., R.22 W., G and SRM | Diversion | 53 | 0 | 110 | 136 | 115 | 57 | 52 | 124 | 04 | 76 | 21 | 0 | 828 <u>2/</u> |
| Fletcher and Moenk 1 Well SE $\frac{1}{4}$ NW $\frac{1}{4}$ SW $\frac{1}{4}$ sec.18, T.8 S., R.22 W., G and SRM | Diversion | 124 | 107 | 176 | 322 | 341 | 370 | 390 | 283 | 357 | 252 | 224 | 197 | 3,143 <u>2/</u> |
| Fletcher and Moenk 2 Wells SE $\frac{1}{4}$ SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec.18, T.8 S., R.22 W., G and SRM NW $\frac{1}{4}$ SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec.13, T.8 S., R.23 W., G and SRM 1 Pump SE $\frac{1}{4}$ SE $\frac{1}{4}$ NE $\frac{1}{4}$ sec.24, T.8 S., R.23 W., G and SRM | Diversion | | | | | | | | | | | | | 1,752 |
| Shettuck and Whitman Ranch 1 Well SE $\frac{1}{4}$ NE $\frac{1}{4}$ SW $\frac{1}{4}$ sec.24, T.8 S., R.22 W., G and SRM | Diversion | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 8 | 16 <u>2/</u> |
| Harp, Earl 1 Well SE $\frac{1}{4}$ NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec.13, T.8 S., R.23 W., G and SRM | Diversion | | | | | | | | | | | | | 1,080 |
| Mauldin Farms 1 Well SE $\frac{1}{4}$ SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec.19, T.8 S., R.22 W., G and SRM | Diversion | 93 | 0 | 0 | 0 | 63 | 96 | 142 | 105 | 61 | 43 | 44 | 99 | 749 <u>2/</u> |
| Mauldin Farms 1 Well SW $\frac{1}{4}$ SW $\frac{1}{4}$ SE $\frac{1}{4}$ sec.24, T.8 S., R.23 W., G and SRM | Diversion | 52 | 0 | 0 | 2 | 142 | 150 | 0 | 0 | 0 | 0 | 1 | 72 | 419 <u>2/</u> |
| Mauldin Farms 1 Well NE $\frac{1}{4}$ SE $\frac{1}{4}$ SW $\frac{1}{4}$ sec.23, T.8 S., R.23 W., G and SRM | Diversion | 9 | 11 | 36 | 159 | 75 | 114 | 215 | 1 | 160 | 69 | 0 | 0 | 849 <u>2/</u> |
| Bruce Church Company 1 Well SW $\frac{1}{4}$ SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec.22, T.8 S., R.23 W., G and SRM | Diversion | 23 | 11 | 22 | 26 | 37 | 14 | 0 | 0 | 0 | 0 | 32 | 14 | 182 <u>2/</u> |
| Power, Pete 1 Well NW $\frac{1}{4}$ NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec.31, T.16 S., R.23 E., SRM | Diversion | | | | | | | | | | | | | 664 |

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 | |
|--|-----------|---------|----------|-------|-------|-----|------|------|--------|-----------|---------|----------|----------|--------|----|
| Mauldin, Lee 1 well NE $\frac{1}{4}$ SE $\frac{1}{4}$ SW $\frac{1}{4}$ sec.28, T.16 S., R.22 E., SEM | Diversion | 39 | 30 | 7 | 80 | 37 | 0 | 1 | 2 | 1 | 1 | 0 | 0 | 198 | 2/ |
| Curtis, Armon 1 Pump SW $\frac{1}{4}$ NE $\frac{1}{4}$ SE $\frac{1}{4}$ sec.29, T.16 S., R.22 E., SEM | Diversion | 0 | 42 | 13 | 27 | 19 | 47 | 24 | 26 | 0 | 0 | 26 | 28 | 252 | 2/ |
| Power, Bill 1 Pump SW $\frac{1}{4}$ SW $\frac{1}{4}$ NE $\frac{1}{4}$ sec.30, T.16 S., R.22 E., SEM | Diversion | | | | | | | | | | | | | 1,980 | |
| Power, R. E. 1 Pump SW $\frac{1}{4}$ SW $\frac{1}{4}$ NE $\frac{1}{4}$ sec.30, T.16 S., R.22 E., SEM | Diversion | | | | | | | | | | | | | 1,920 | |
| Hall, Ansil 1 Pump NW $\frac{1}{4}$ SW $\frac{1}{4}$ NW $\frac{1}{4}$ sec.36, T.16 S., R.21 E., SEM | Diversion | | | | | | | | | | | | | 330 | |
| Yucca Power Plant 2 Wells NE $\frac{1}{4}$ NW $\frac{1}{4}$ SW $\frac{1}{4}$ sec.36, T.16 S., R.21 E., SEM NE $\frac{1}{4}$ SW $\frac{1}{4}$ NW $\frac{1}{4}$ sec.36, T.16 S., R.21 E., SEM | Diversion | 64 | 53 | 35 | 13 | 13 | 66 | 76 | 76 | 80 | 62 | 71 | 86 | 695 | 2/ |
| Burrell 1 well NW $\frac{1}{4}$ NE $\frac{1}{4}$ NW $\frac{1}{4}$ sec.33, T.8 S., R.24 W., G and SRM | Diversion | | | | | | | | | | | | | 180 | |
| Cannon, J. O. 1 well NW $\frac{1}{4}$ NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec.25, T.9 S., R.25 W., G and SRM | Diversion | | | | | | | | | | | | | 780 | |
| Hudson, C. A. 1 well SE $\frac{1}{4}$ NE $\frac{1}{4}$ NW $\frac{1}{4}$ sec.19, T.9 S., R.24 W., G and SRM | Diversion | 43 | 20 | 23 | 84 | 133 | 152 | 159 | 133 | 123 | 2 | 67 | 50 | 959 | 2/ |
| Hudson, C. A. 1 well NE $\frac{1}{4}$ SE $\frac{1}{4}$ NW $\frac{1}{4}$ sec.19, T.9 S., R.24 W., G and SRM | Diversion | 29 | 14 | 15 | 58 | 92 | 105 | 113 | 93 | 84 | 0 | 48 | 36 | 687 | 2/ |
| Hudson, C. A. 1 well NW $\frac{1}{4}$ SE $\frac{1}{4}$ NW $\frac{1}{4}$ sec.19, T.9 S., R.24 W., G and SRM | Diversion | 31 | 14 | 16 | 60 | 93 | 111 | 113 | 93 | 84 | 3 | 48 | 37 | 703 | 2/ |

DIVERSIONS FROM MAINSTREAM - AVAILABLE RETURN FLOW

AND CONSUMPTIVE USE OF SUCH WATER

CALENDAR YEAR 1971

STATE OF ARIZONA

V(B)

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

ACRE FEET

| | | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER | TOTALS | |
|---|-------------------------|---------|----------|-------|-------|-------|-------|--------|--------|-----------|---------|----------|----------|--------|---|
| Moore, Howard 1 Well NE $\frac{1}{4}$ NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec.36, T.9 S., R.25 W., G and SRM | Diversion | 288 | 267 | 282 | 374 | 396 | 447 | 487 | 482 | 364 | 23 | 433 | 422 | 4,265 | 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 and SRM | Diversion | | | | | | | | | | | | | 858 | |
| Sibley, Phil 1 Well NE $\frac{1}{4}$ NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec.1, T.10 S., R.25 W., G and SRM | Diversion | 165 | 207 | 332 | 510 | 510 | 504 | 544 | 396 | 232 | 249 | 283 | 110 | 4,042 | 2 |
| Sibley, Phil 1 Well NE $\frac{1}{4}$ SE $\frac{1}{4}$ SW $\frac{1}{4}$ sec.2, T.10 S., R.25 W., G and SRM | Diversion | | | | | | | | | | | | | 1,134 | |
| Sibley, Phil 1 Well NW $\frac{1}{4}$ SE $\frac{1}{4}$ NE $\frac{1}{4}$ sec.14, T.10 S., R.25 W., G and SRM | Diversion | 28 | 28 | 66 | 66 | 142 | 76 | 67 | 0 | 0 | 88 | 0 | 46 | 607 | 2 |
| Daniel, A. T. 1 Pump SW $\frac{1}{4}$ SW $\frac{1}{4}$ NE $\frac{1}{4}$ sec.23, T.10 S., R.25 W., G and SRM | Diversion | | | | | | | | | | | | | 360 | |
| Cummings, C. and J. 1 Well NW $\frac{1}{4}$ NE $\frac{1}{4}$ NW $\frac{1}{4}$ sec.26, T.10 S., R.25 W., G and SRM | Diversion | | | | | | | | | | | | | 616 | |
| Barkley, J. 1 Well NE $\frac{1}{4}$ NW $\frac{1}{4}$ SW $\frac{1}{4}$ sec.35, T.10 S., R.25 W., G and SRM | Diversion | | | | | | | | | | | | | 360 | |
| Brown, Willis A. 1 Well NE $\frac{1}{4}$ NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec.2, T.11 S., R.25 W., G and SRM | Diversion | 61 | 51 | 99 | 89 | 50 | 12 | 95 | 117 | 106 | 42 | 1 | 0 | 723 | 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 and SRM | Diversion | 94 | 105 | 183 | 294 | 199 | 89 | 228 | 151 | 96 | 49 | 19 | 1 | 1,528 | 2 |
| Subtotals - Imperial Dam to Boundary | Diversion $\frac{3}{5}$ | 2,155 | 2,487 | 3,123 | 3,990 | 4,374 | 4,408 | 4,972 | 3,608 | 2,984 | 1,959 | 2,176 | 2,035 | 36,271 | |
| | Diversion $\frac{6}{5}$ | 739 | 1,072 | 1,244 | 1,368 | 1,400 | 1,237 | 1,750 | 1,459 | 1,352 | 1,010 | 693 | 464 | 13,788 | |
| 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 | Diversion | 4,376 | 6,289 | 7,750 | 8,928 | 9,434 | 9,021 | 11,544 | 9,021 | 7,944 | 5,216 | 4,936 | 4,458 | 88,917 | |

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

(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 |
|---|---------|----------|-------|-------|-----|------|------|--------|-----------|---------|----------|----------|--------|
| <p>Footnotes:</p> <p>1/ Calculated by assuming an annual diversion of 6 acre-feet per irrigated acre unless otherwise noted.</p> <p>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.</p> <p>3/ Total of items for which monthly discharge is shown.</p> <p>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. Record furnished by diverter.</p> <p>5/ Total of items for which monthly distribution is not shown. Distributed according to monthly distribution of diversions to Valley Division of Yuma Project.</p> | | | | | | | | | | | | | |

DIVERSIONS FROM MAINSTREAM - AVAILABLE RETURN FLOW

(R)

AND CONSUMPTIVE USE OF SUCH WATER

Revisions to CALENDAR YEAR 1967

STATE OF ARIZONA

Sheet 1 of 4
Final Records
(ACRE FEET)

| Water User | | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER | TOTALS |
|--|---------------------------------------|---------|----------|---------|---------|---------|---------|---------|---------|-----------|---------|----------|----------|---------------------------------------|
| Revisions to 1967 Report | | | | | | | | | | | | | | |
| Havas National Wildlife Refuge | | | | | | | | | | | | | | |
| Inlet - NW ¹ / ₄ NE ¹ / ₄ NW ¹ / ₄ , Sec. 33, T. 9 N., R. 23 E., SBM | 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 ¹ / ₄ SW ¹ / ₄ SE ¹ / ₄ , Sec. 24, T. 17 N., R. 22 W., G&SRM | | | | | | | | | | | | | | 991 ¹ / ₂ |
| 1 well NE ¹ / ₄ NE ¹ / ₄ NE ¹ / ₄ , Sec. 15, T. 8 N., R. 23 E., SBM | Diversion | | | | | | | | | | | | | 164 ¹ / ₂ |
| Outlet - SW ¹ / ₄ SW ¹ / ₄ SE ¹ / ₄ , Sec. 27, T. 16 N., R. 21 W., G&SRM | Return | 0 | 40 | 188 | 5,780 | 589 | 2,910 | 1,870 | 2,530 | 992 | 284 | 316 | 123 | 15,622 |
| | Consumptive Use | 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., G&SRM | Diversion | | | | | | | | | | | | | 12,800 ¹ / ₂ |
| Subtotals - Imperial Dam to Boundary | Diversion ² / ₃ | 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 |
| | Diversion ³ / ₃ | 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 |
| Total - Arizona | Diversion | 4,356 | 6,203 | 9,789 | 9,222 | 10,194 | 13,102 | 13,482 | 11,729 | 8,603 | 7,407 | 5,198 | 2,461 | 101,746 |
| ARIZONA TOTALS | Diversion | 71,460 | 118,906 | 168,539 | 166,381 | 207,593 | 216,235 | 220,985 | 216,819 | 142,818 | 145,059 | 89,297 | 53,274 | 1,816,889 ⁴ / ₂ |
| | Return | 46,314 | 45,867 | 61,311 | 67,095 | 52,794 | 59,229 | 67,515 | 71,022 | 61,348 | 55,788 | 59,394 | 52,317 | 709,995 |
| | Consumptive Use | 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 ⁴ / ₂ |

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 deliveries to Valley Division of Yuma Project.

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.

DIVERSIONS FROM MAINSTREAM - AVAILABLE RETURN FLOW

V(8)

AND CONSUMPTIVE USE OF SUCH WATER.

Revisions to CALENDAR YEAR 1968

STATE OF ARIZONA

Sheet 2 of 4
Final Records
ACRE FEET

| Water User | | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER | TOTALS |
|---|-----------------|---------|----------|---------|---------|---------|---------|---------|---------|-----------|---------|----------|----------|--------------|
| <u>Revisions to 1968 Report</u> | | | | | | | | | | | | | | |
| Havasas National Wildlife Refuge | | | | | | | | | | | | | | |
| Inlet - NW ¹ / ₄ NE ¹ / ₄ SW 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 diversions from inlet channel by private pump in SE ¹ / ₄ SW ¹ / ₄ SE ¹ / ₄ , Sec. 24, T. 17 N., R. 22 W., G&SRM | | | | | | | | | | | | | | 1,290 1/ |
| 1 well - NE ¹ / ₄ NE ¹ / ₄ NE ¹ / ₄ , Sec. 15, T. 8 N., R. 23 E., SEM | Diversion | | | | | | | | | | | | | 164 1/ |
| Outlet - SW ¹ / ₄ SW ¹ / ₄ SE ¹ / ₄ , Sec. 27, T. 16 N., R. 21 W., G&SRM | Return | 216 | 0 | 133 | 9,910 | 1,700 | 3,010 | 10,160 | 7,860 | 4,330 | 2,760 | 1,180 | 794 | 42,053 |
| | Consumptive Use | 5,004 | 7,280 | 9,677 | -580 | 8,050 | 6,110 | 1,440 | 3,540 | 5,670 | 4,660 | 4,460 | 3,596 | 57,781 |
| Wellton-Mohawk Irrigation and Drainage District | Diversion | 18,438 | 26,602 | 44,032 | 52,598 | 54,424 | 59,167 | 53,650 | 48,265 | 46,028 | 31,238 | 18,490 | 18,564 | 471,496 |
| Diversion at Imperial Dam | Consumptive Use | 18,630 | 15,020 | 16,420 | 16,960 | 17,150 | 16,630 | 18,050 | 17,620 | 17,100 | 18,190 | 17,850 | 18,730 | 210,350 |
| | | -192 | 11,582 | 25,612 | 35,638 | 37,274 | 42,537 | 35,600 | 30,645 | 28,928 | 13,048 | 640 | -166 | 261,146 |
| Other users pumping from Colorado River and wells in flood plain | | | | | | | | | | | | | | |
| Steve Sturges | Diversion | | | | | | | | | | | | | 13,400 1/ |
| 5 wells in Sec. 18, T. 8 S., R. 21 W., and Secs. 13 and 14, T. 8 S., R. 22 W., G&SRM | | | | | | | | | | | | | | |
| Subtotals - Imperial Dam to Boundary | Diversion 2/ | 1,295 | 1,821 | 1,949 | 2,907 | 3,321 | 4,039 | 2,953 | 2,415 | 2,058 | 2,043 | 1,838 | 1,265 | 27,904 |
| | Diversion 3/ | 1,352 | 2,296 | 2,404 | 2,433 | 2,760 | 3,012 | 2,869 | 2,740 | 2,221 | 1,838 | 1,640 | 1,058 | 26,623 |
| Total - Arizona | Diversion | 3,966 | 7,376 | 8,795 | 11,381 | 11,578 | 12,365 | 12,385 | 11,585 | 10,701 | 7,839 | 5,416 | 5,192 | 108,579 |
| ARIZONA TOTALS | Diversion | 79,121 | 119,295 | 172,295 | 182,498 | 202,536 | 220,608 | 222,592 | 213,986 | 180,506 | 127,119 | 93,462 | 81,369 | 1,894,622 1/ |
| | Return | 51,053 | 46,835 | 60,407 | 69,085 | 54,601 | 60,037 | 76,263 | 76,695 | 65,753 | 60,532 | 51,941 | 52,180 | 725,382 |
| | Consumptive Use | 28,068 | 72,460 | 111,668 | 113,413 | 147,935 | 160,571 | 146,329 | 137,291 | 114,753 | 66,587 | 41,521 | 29,189 | 1,169,240 1/ |

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.

DIVERSIONS FROM MAINSTREAM - AVAILABLE RETURN FLOW

V(B)

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 | Diversion | | | | | | | | | | | | | 11,000 ^{1/} |
| 5 wells in Sec. 18, T. 8 S., R. 21 W., and Secs. 13 and 14, T. 8 S., R. 22 W., G&SRM | | | | | | | | | | | | | | |
| Subtotals - Imperial Dam to Boundary | Diversion ^{2/} | 863 | 1,336 | 1,506 | 1,937 | 2,393 | 2,282 | 2,766 | 1,503 | 955 | 1,248 | 703 | 571 | 18,063 |
| | Diversion ^{3/} | 937 | 2,138 | 2,097 | 2,612 | 2,710 | 2,673 | 2,875 | 2,713 | 2,258 | 2,078 | 781 | 811 | 24,683 |
| Total - Arizona | 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 |
| ARIZONA TOTALS | 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 ^{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 ^{4/} |
| | Consumptive Use | 13,633 | 70,945 | 100,027 | 117,125 | 141,527 | 145,793 | 161,499 | 164,282 | 116,157 | 74,747 | 7,761 | 25,383 | 1,138,065 ^{4/} |
| ^{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 monthly distribution of diversions 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

V(B)

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 | | | | | | | | | | | | | | |
| Wellton-Mohawk Irrigation and Drainage District | Diversion | 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 |
| | Return | 18,896 | 15,790 | 18,240 | 17,690 | 17,230 | 17,220 | 18,650 | 17,570 | 16,620 | 18,700 | 18,340 | 19,050 | 213,990 |
| | Consumptive Use | 4,351 | 15,152 | 20,982 | 42,190 | 41,649 | 36,325 | 42,966 | 38,733 | 33,934 | 14,742 | 4,911 | 1,327 | 297,262 |
| Other users pumping from the Colorado River and wells in flood plain. | | | | | | | | | | | | | | |
| Steve Sturges 6 wells in Sec. 18, T. 8 S., R. 21 W., and Secs. 13 and 14, T. 8 S., R. 22 W., G&SM | Diversion | | | | | | | | | | | | | 13,181 1/2 |
| Subtotals - Imperial Dam to Boundary | Diversion ^{2/} | 1,144 | 1,439 | 1,306 | 1,898 | 1,680 | 1,762 | 1,819 | 1,044 | 934 | 1,145 | 1,273 | 723 | 16,167 |
| | Diversion ^{3/} | 1,362 | 2,087 | 1,971 | 2,955 | 3,176 | 2,708 | 3,039 | 2,366 | 2,604 | 2,338 | 1,408 | 989 | 27,003 |
| Total Arizona | Diversion | 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 |
| ARIZONA TOTALS | Diversion | 84,790 | 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 1/2 |
| | Return | 58,424 | 50,988 | 71,751 | 74,916 | 68,263 | 68,585 | 74,922 | 73,211 | 64,890 | 69,859 | 65,316 | 63,952 | 805,077 |
| | Consumptive Use | 26,366 | 71,322 | 75,073 | 126,439 | 147,974 | 145,188 | 170,799 | 152,220 | 134,234 | 86,474 | 44,038 | 22,580 | 1,201,101 1/2 |

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 1566 acre-feet less than the sum of the monthly totals because of nonavailability of monthly distribution of some items.

Sum 2 1/2

DIVERSIONS FROM MAINSTREAM - AVAILABLE RETURN FLOW

V(3)

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 - NW $\frac{1}{4}$ SW $\frac{1}{4}$, Sec. 29, T. 9 N., R. 23 E., SEM | Diversion | 118 | 135 | 162 | 225 | 327 | 428 | 578 | 464 | 389 | 228 | 235 | 114 | 3,403 |
| | Return | 26 | 24 | 27 | 33 | 50 | 58 | 94 | 91 | 69 | 48 | 42 | 28 | 590 |
| | Consumptive Use | 92 | 111 | 135 | 192 | 277 | 370 | 484 | 373 | 320 | 180 | 193 | 86 | 2,813 |
| Metropolitan Water District of Southern California Diversion from Lake Havasu | Diversion | 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 |
| | Return | | | | | | | | | | | | | <u>1/</u> |
| | Consumptive Use | | | | | | | | | | | | | |
| Palo Verde Irrigation District Diversion at Palo Verde Diversion Dam | Diversion | 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 |
| | Return | 30,160 | 30,860 | 36,360 | 37,320 | 41,690 | 36,480 | 39,190 | 41,800 | 39,500 | 36,420 | 33,950 | 34,190 | 437,920 |
| | Consumptive Use | 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., SEM | Diversion | 174 | 163 | 207 | 246 | 341 | 427 | 619 | 432 | 402 | 289 | 203 | 176 | 3,679 |
| | Return | | | | | | | | | | | | | <u>1/</u> |
| | Consumptive Use | | | | | | | | | | | | | |
| East Blythe County Water District Pumped for domestic use from two wells, one in NE $\frac{1}{4}$ SW $\frac{1}{4}$ NE $\frac{1}{4}$ and other in NE $\frac{1}{4}$ SW $\frac{1}{4}$ SE $\frac{1}{4}$ of Section 33, T. 6 S., R. 23 E., SEM | Diversion | 24 | 28 | 29 | 38 | 39 | 45 | 60 | 62 | 53 | 41 | 34 | 25 | 476 |
| | Return | | | | | | | | | | | | | <u>1/</u> |
| | Consumptive Use | | | | | | | | | | | | | |
| Yuma Project Reservation Division Indian Unit Diversion at Imperial Dam | Diversion | 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 |
| | Return | | | | | | | | | | | | | <u>2/</u> |
| | Consumptive Use | | | | | | | | | | | | | |
| Yuma Project Reservation Division Bard Unit Diversion at Imperial Dam | Diversion | 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 |
| | Return | | | | | | | | | | | | | <u>2/</u> |
| | Consumptive Use | | | | | | | | | | | | | |
| Returns from Yuma Project Reservation Division Drains | Returns <u>2/</u> | 1,524 | 1,546 | 1,727 | 2,266 | 2,063 | 2,071 | 2,070 | 2,440 | 2,480 | 2,677 | 2,431 | 2,280 | 25,575 |
| | | | | | | | | | | | | | | |
| Imperial Irrigation District Diversion at Imperial Dam | Diversion | 178,390 | 202,119 | 302,853 | 309,761 | 280,014 | 252,181 | 307,047 | 260,622 | 240,857 | 248,532 | 181,569 | 168,593 | 2,932,538 |
| | Return | | | | | | | | | | | | | <u>1/</u> |
| | Consumptive Use | | | | | | | | | | | | | |

DIVERSIONS FROM MAINSTREAM - AVAILABLE RETURN FLOW

(18)

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 | Diversion | 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 |
| | Return | | | | | | | | | | | | | 1/ |
| | Consumptive Use | | | | | | | | | | | | | |
| City of Winterhaven 1 Well - SE 1/4 Sec. 27, T. 16 S., R. 22 E., SBM | Diversion | | | | | | | | | | | | | 87 3/4 |
| | Return | | | | | | | | | | | | | 1/ |
| | Consumptive Use | | | | | | | | | | | | | |
| Other California Users Pumping from Colorado River and wells in flood plain - Davis Dam to International Boundary 4/ | Diversion | 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 |
| | Return | | | | | | | | | | | | | 1/ |
| | Consumptive Use | | | | | | | | | | | | | |
| CALIFORNIA TOTALS | Diversion | 349,518 | 384,495 | 529,817 | 556,836 | 541,628 | 503,983 | 600,619 | 519,851 | 484,505 | 451,010 | 374,971 | 341,033 | 5,638,353 2/ |
| | Return | 31,710 | 32,430 | 38,114 | 39,619 | 43,803 | 38,609 | 41,354 | 44,331 | 42,049 | 39,145 | 36,423 | 36,498 | 464,085 |
| | Consumptive Use | 317,808 | 352,065 | 491,703 | 517,217 | 497,825 | 465,374 | 559,265 | 475,520 | 442,456 | 411,865 | 338,548 | 304,535 | 5,174,268 3/ |

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.

5216,30
See 172

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DIVERSIONS FROM MAINSTREAM - AVAILABLE RETURN FLOW

AND CONSUMPTIVE USE OF SUCH WATER

CALENDAR YEAR 1971

STATE OF CALIFORNIA

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

(ACRE FEET)

| | | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER | TOTALS |
|--|-----------|---------|----------|-------|-------|-----|------|------|--------|-----------|---------|----------|----------|----------|
| Williams, Floyd | Diversion | | | | | | | | | | | | | 720 |
| 1 Well | | | | | | | | | | | | | | |
| SE $\frac{1}{4}$ NE $\frac{1}{4}$ SW $\frac{1}{4}$ sec.36, T.11 N., R.21 E., SEM | | | | | | | | | | | | | | |
| Williams, Floyd | Diversion | | | | | | | | | | | | | 558 |
| 1 Well | | | | | | | | | | | | | | |
| NW $\frac{1}{4}$ NW $\frac{1}{4}$ SE $\frac{1}{4}$ sec.36, T.11 N., R.21 E., SEM | | | | | | | | | | | | | | |
| Southern California Gas Company | Diversion | | | | | | | | | | | | | 251 2/ |
| 2 Wells | | | | | | | | | | | | | | |
| SE $\frac{1}{4}$ SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec.29, T.9 N., R.23 E., SEM | | | | | | | | | | | | | | |
| P. G. and E. Compressor Station | Diversion | | | | | | | | | | | | | 84 2/ |
| 1 Well (diversion in Arizona) | | | | | | | | | | | | | | |
| NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec.2, T.15 N., R.21 W., G and SRM | | | | | | | | | | | | | | |
| Crevolin, A. A. | Diversion | 37 | 7 | 21 | 0 | 0 | 0 | 30 | 84 | 100 | 68 | 27 | 0 | 374 3/ |
| 1 Well | | | | | | | | | | | | | | |
| SE $\frac{1}{4}$ NE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 9, T.1 S., R.24 E., SEM | | | | | | | | | | | | | | |
| Crevolin, A. A. | Diversion | 189 | 233 | 233 | 233 | 250 | 291 | 257 | 305 | 267 | 189 | 179 | 155 | 2,761 3/ |
| 1 Well | | | | | | | | | | | | | | |
| NE $\frac{1}{4}$ SE $\frac{1}{4}$ SW $\frac{1}{4}$ sec.10, T.1 S., R.24 E., SEM | | | | | | | | | | | | | | |
| 1 Well | | | | | | | | | | | | | | |
| SE $\frac{1}{4}$ SW $\frac{1}{4}$ NW $\frac{1}{4}$ sec.10, T.1 S., R.24 E., SEM | | | | | | | | | | | | | | |
| 1 Well | | | | | | | | | | | | | | |
| NE $\frac{1}{4}$ SW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 9, T.1 S., R.24 E., SEM | | | | | | | | | | | | | | |
| 1 Well | | | | | | | | | | | | | | |
| SE $\frac{1}{4}$ SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 9, T.1 S., R.24 E., SEM | | | | | | | | | | | | | | |
| 1 Well | | | | | | | | | | | | | | |
| NW $\frac{1}{4}$ NE $\frac{1}{4}$ NW $\frac{1}{4}$ sec.15, T.1 S., R.24 E., SEM | | | | | | | | | | | | | | |
| 1 Well | | | | | | | | | | | | | | |
| NE $\frac{1}{4}$ SW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 9, 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 | | | | | | | | | | | | | | |
| Lye, R. L. | Diversion | 3 | 4 | 3 | 3 | 3 | 6 | 11 | 9 | 9 | 8 | 5 | 6 | 70 3/ |
| 1 Well | | | | | | | | | | | | | | |
| SE $\frac{1}{4}$ NE $\frac{1}{4}$ NW $\frac{1}{4}$ sec.16, T.1 S., R.24 E., SEM | | | | | | | | | | | | | | |
| Haaker, Martha | Diversion | 0 | 0 | 0 | 0 | 33 | 59 | 33 | 22 | 0 | 0 | 0 | 0 | 147 3/ |
| 1 Well | | | | | | | | | | | | | | |
| SW $\frac{1}{4}$ NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec.14, T.3 S., R.23 E., SEM | | | | | | | | | | | | | | |
| Cox, Norman | Diversion | 100 | 26 | 92 | 72 | 74 | 126 | 117 | 110 | 91 | 80 | 56 | 38 | 1,012 3/ |
| 1 Pump | | | | | | | | | | | | | | |
| NE $\frac{1}{4}$ SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec.13, T.3 S., R.23 E., SEM | | | | | | | | | | | | | | |

DIVERSIONS FROM MAINSTREAM - AVAILABLE RETURN FLOW

AND CONSUMPTIVE USE OF SUCH WATER

CALENDAR YEAR 1971

STATE OF CALIFORNIA

V(B)

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

ACRE FEET

| | | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER | TOTALS | |
|---|-----------|---------|----------|-------|-------|-----|------|------|--------|-----------|---------|----------|----------|--------|----|
| Spencer and Franklin 1 Well and 1 Pump SW $\frac{1}{4}$ SE $\frac{1}{4}$ NE $\frac{1}{4}$ sec.35, T.15 S., R.23 E., SEM | Diversion | | | | | | | | | | | | | 636 | |
| Berryman, Harley 1 Well NW $\frac{1}{4}$ NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec.2, T.16 S., R.23 E., SEM | Diversion | 25 | 40 | 34 | 52 | 102 | 96 | 164 | 145 | 62 | 0 | 130 | 49 | 699 | 3/ |
| Power, Fete 1 Pump NE $\frac{1}{4}$ NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec.15, T.16 S., R.23 E., SEM 1 Pump NW $\frac{1}{4}$ SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec.14, T.16 S., R.23 E., SEM | Diversion | | | | | | | | | | | | | 1,992 | |
| Mitchell, Heyden 1 Well SE $\frac{1}{4}$ SE $\frac{1}{4}$ NW $\frac{1}{4}$ sec.22, T.16 S., R.23 E., SEM | Diversion | 24 | 3 | 43 | 31 | 38 | 55 | 100 | 69 | 28 | 52 | 45 | 0 | 494 | 3/ |
| Slade 1 Well NE $\frac{1}{4}$ SE $\frac{1}{4}$ SW $\frac{1}{4}$ sec.6, T.8 S., R.22 W., G and SRM | Diversion | | | | | | | | | | | | | 1,440 | |
| Dees, John F. 1 Well SE $\frac{1}{4}$ SW $\frac{1}{4}$ NW $\frac{1}{4}$ sec.6, T.8 S., R.22 W., G and SRM | Diversion | | | | | | | | | | | | | 840 | |
| Spencer, M. E. 1 Well SW $\frac{1}{4}$ NE $\frac{1}{4}$ SW $\frac{1}{4}$ sec.9, T.16 S., R.23 E., SEM | Diversion | 58 | 1 | 62 | 71 | 117 | 93 | 179 | 39 | 64 | 60 | 1 | 70 | 834 | 3/ |
| Coley, Marvin 1 Well SE $\frac{1}{4}$ SE $\frac{1}{4}$ SW $\frac{1}{4}$ sec.18, T.16 S., R.23 E., SEM | Diversion | 0 | 33 | 28 | 75 | 69 | 31 | 0 | 0 | 0 | 0 | 0 | 0 | 296 | 3/ |
| Martin, Marvin 1 Pump NE $\frac{1}{4}$ NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec.1, T.8 S., R.23 W., G and SRM | Diversion | 6 | 3 | 9 | 15 | 14 | 13 | 6 | 2 | 5 | 1 | 1 | 3 | 78 | 3/ |
| Martin, Marvin 1 Pump SE $\frac{1}{4}$ NE $\frac{1}{4}$ NW $\frac{1}{4}$ sec.1, T.8 S., R.23 W., G and SRM | Diversion | 17 | 21 | 74 | 112 | 91 | 99 | 141 | 122 | 95 | 50 | 41 | 45 | 806 | 3/ |
| Harp, Robert 1 Pump SW $\frac{1}{4}$ SE $\frac{1}{4}$ NE $\frac{1}{4}$ sec.2, T.8 S., R.23 W., G and SRM | Diversion | 113 | 149 | 127 | 173 | 192 | 125 | 169 | 155 | 90 | 61 | 1 | 0 | 1,357 | 3/ |

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

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

ACRE FEET:

| | | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER | TOTALS | |
|---|-----------|---------|----------|-------|-------|-----|------|------|--------|-----------|---------|----------|----------|--------|----|
| 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 and SRM | Diversion | 18 | 77 | 66 | 111 | 66 | 79 | 143 | 185 | 84 | 14 | 0 | 0 | 843 | 3/ |
| Harp, Robert 1 Well NE $\frac{1}{4}$ W $\frac{1}{2}$ NW $\frac{1}{4}$ sec.12, T.8 S., R.23 W., G and SRM | Diversion | 63 | 30 | 63 | 140 | 82 | 17 | 50 | 28 | 19 | 17 | 6 | 0 | 535 | 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 and SRM | Diversion | | | | | | | | | | | | | 720 | |
| Dees, John F. 1 Well SE $\frac{1}{4}$ NE $\frac{1}{4}$ SE $\frac{1}{4}$ sec.1, T.8 S., R.23 W., G and SRM | Diversion | | | | | | | | | | | | | 792 | |
| Harp, Robert 1 Well SE $\frac{1}{4}$ NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec.12, T.8 S., R.23 W., G and SRM | Diversion | 25 | 15 | 66 | 47 | 45 | 9 | 24 | 24 | 0 | 25 | 0 | 0 | 280 | 3/ |
| Harp, Paul 1 Well SW $\frac{1}{4}$ NE $\frac{1}{4}$ SE $\frac{1}{4}$ sec.12, T.8 S., R.23 W., G and SRM | Diversion | | | | | | | | | | | | | 720 | |
| Easterday, Kenneth 1 Well NW $\frac{1}{4}$ SE $\frac{1}{4}$ SW $\frac{1}{4}$ sec.12, T.8 S., R.23 W., G and SRM | Diversion | 126 | 69 | 110 | 212 | 193 | 120 | 137 | 171 | 196 | 175 | 91 | 6 | 1,606 | 3/ |
| Power, Fete 1 Well NE $\frac{1}{4}$ SW $\frac{1}{4}$ SE $\frac{1}{4}$ sec.11, T.8 S., R.23 W., G and SRM | Diversion | | | | | | | | | | | | | 1,104 | |
| Hughes, Earl 1 Well NE $\frac{1}{4}$ SE $\frac{1}{4}$ SW $\frac{1}{4}$ sec.19, T.16 S., R.23 E., SEM | Diversion | 61 | 7 | 78 | 102 | 105 | 49 | 17 | 4 | 0 | 0 | 0 | 89 | 512 | 3/ |
| Hutchenson, John 1 Pump SE $\frac{1}{4}$ SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec.27, T.16 S., R.22 E., SEM | Diversion | 4 | 0 | 22 | 37 | 20 | 27 | 21 | 21 | 12 | 13 | 1 | 12 | 180 | 3/ |
| Layton, Chris 1 Pump SW $\frac{1}{4}$ NE $\frac{1}{4}$ SE $\frac{1}{4}$ sec.29, T.16 S., R.22 E., SEM | Diversion | 12 | 21 | 20 | 30 | 34 | 20 | 40 | 9 | 19 | 11 | 0 | 0 | 218 | 3/ |

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

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

ACRE FEET

| | | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER | TOTALS ^{1/} |
|--|--|------------|------------|------------|--------------|--------------|------------|----------------|--------------|------------|------------|------------|------------|----------------------|
| Buntin, W. W. 1 Pump NE 1/4 NW 1/4 SW 1/4 sec. 29, T. 16 S., R. 22 E., SBM | Diversion | 0 | 79 | 41 | 34 | 85 | 91 | 94 | 53 | 39 | 2 | 20 | 67 | 605 ^{3/} |
| Lewis, Joe 1 Well NW 1/4 NW 1/4 sec. 29, T. 16 S., R. 22 E., SBM | Diversion | 0 | 0 | 27 | 34 | 32 | 30 | 23 | 11 | 9 | 35 | 0 | 0 | 201 ^{3/} |
| Subtotals - Imperial Dam to Boundary | Diversion ^{4/} Diversion ^{5/} | 552 442 | 568 641 | 870 744 | 1,268 818 | 1,285 837 | 954 740 | 1,308 1,046 | 1,038 873 | 722 808 | 544 604 | 336 414 | 341 277 | 9,786 8,244 |
| 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 | 4,999 | 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.

DIVERSIONS FROM MAINSTREAM - AVAILABLE RETURN FLOW

V(B)

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 | Diversion | 120 | 120 | 187 | 224 | 250 | 375 | 335 | 381 | 312 | 222 | 144 | 100 | 2,770 |
| Diversion at Saddle Island, Lake Mead <u>1/</u> | Diversion | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 25 | 0 | 25 |
| | Return | | | | | | | | | | | | | 2/ |
| | Consumptive Use | | | | | | | | | | | | | |
| LAKE MEAD NATIONAL RECREATION AREA | | | | | | | | | | | | | | |
| Diversion from Lake Mead | Diversion | 48 | 48 | 57 | 56 | 68 | 81 | 94 | 91 | 81 | 74 | 47 | 52 | 797 |
| Diversion from Lake Mohave | Diversion | | | | | | | | | | | | | 5 |
| | Return | | | | | | | | | | | | | 2/ |
| | Consumptive Use | | | | | | | | | | | | | |
| BASIC MANAGEMENT, INC. | | | | | | | | | | | | | | |
| Diversion at Saddle Island, Lake Mead <u>4/</u> | Diversion | 1,426 | 1,429 | 1,627 | 1,659 | 1,730 | 1,968 | 2,476 | 2,199 | 1,567 | 1,453 | 1,114 | 1,039 | 19,687 |
| | Return | | | | | | | | | | | | | 2/ |
| | Consumptive Use | | | | | | | | | | | | | |
| LAS VEGAS VALLEY WATER DISTRICT | | | | | | | | | | | | | | |
| Diversion at Saddle Island, Lake Mead <u>4/</u> | Diversion | 0 | 0 | 0 | 0 | 314 | 961 | 1,251 | 1,324 | 1,259 | 1,011 | 0 | 0 | 6,120 |
| Diversion at Saddle Island, Lake Mead <u>1/</u> | Diversion | 0 | 0 | 0 | 0 | 0 | 1,478 | 2,944 | 2,287 | 2,074 | 1,562 | 2,337 | 1,862 | 14,544 |
| | Return | | | | | | | | | | | | | 2/ |
| | Consumptive Use | | | | | | | | | | | | | |
| JOHNS-MANVILLE SALES CORPORATION | | | | | | | | | | | | | | |
| Diversion at Gypsum Wash) | Diversion | 33 | 34 | 29 | 31 | 32 | 32 | 46 | 39 | 40 | 41 | 32 | 22 | 411 |
| | Return | | | | | | | | | | | | | 2/ |
| | Consumptive Use | | | | | | | | | | | | | |
| CITY OF NORTH LAS VEGAS | | | | | | | | | | | | | | |
| Diversion at Saddle Island, Lake Mead <u>1/</u> | Diversion | 0 | 0 | 0 | 0 | 0 | 0 | 122 | 118 | 85 | 104 | 24 | 1 | 454 |
| | Return | | | | | | | | | | | | | 2/ |
| | Consumptive Use | | | | | | | | | | | | | |
| NELLIS AIR FORCE BASE | | | | | | | | | | | | | | |
| Diversion at Saddle Island, Lake Mead <u>1/</u> | Diversion | 0 | 0 | 0 | 0 | 0 | 0 | 22 | 109 | 84 | 32 | 12 | 25 | 284 |
| | Return | | | | | | | | | | | | | 2/ |
| | Consumptive Use | | | | | | | | | | | | | |
| RAMELLI, WILLIAM C. | | | | | | | | | | | | | | |
| Lot No. 3, Sec. 13, T. 32 S., R. 66 E., MDB&M | Diversion | | | | | | | | | | | | | 36 |
| | Return | | | | | | | | | | | | | 2/ |
| | Consumptive Use | | | | | | | | | | | | | |
| RIO ALTO VISTA PROPERTIES | | | | | | | | | | | | | | |
| Sec. 24, T. 32 S., R. 66 E., MDB&M | Diversion | | | | | | | | | | | | | 06 |
| | Return | | | | | | | | | | | | | 2/ |
| | Consumptive Use | | | | | | | | | | | | | |

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Footnotes are on page 29

DIVERSIONS FROM MAINSTREAM - AVAILABLE RETURN FLOW

V(B)

AND CONSUMPTIVE USE OF SUCH WATER

CALENDAR YEAR 1971

STATE OF NEVADA

Sheet 2 of 2

Final Records
(ACRE FEET)

| Water User | | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER | TOTALS |
|--|---------------------------|---------|----------|-------|-------|-------|-------|-------|--------|-----------|---------|----------|----------|--------|
| SOUTHERN CALIFORNIA EDISON COMPANY Diversion at Pumping Plant in Sec. 24, T. 32 S., R. 66 E., MDBMM | Diversion | 152 | 344 | 442 | 353 | 649 | 608 | 708 | 279 | 544 | 707 | 502 | 158 | 5,446 |
| | Return Consumptive Use | | | | | | | | | | | | | 2/ |
| WIEBKE, ARMIN T. 1 Pump All except W. 500' and E. 630' of Lot No. 1, Sec. 33, T. 32 S., R. 66 E., MDBMM | Diversion | | | | | | | | | | | | | 1 6/ |
| | | | | | | | | | | | | | | 2/ |
| PORTENIER, WARDEN E. 1 Pump W 1/2, Lot No. 1, Sec. 33, T. 32 S., R. 66 E., MDBMM | Diversion | | | | | | | | | | | | | 23 6/ |
| | | | | | | | | | | | | | | 2/ |
| WELLES, JOHN C. 1 Pump E 1/2, Lot No. 2., Sec. 33, T. 32 S., R. 66 E., MDBMM | Diversion | | | | | | | | | | | | | 8 6/ |
| | | | | | | | | | | | | | | 2/ |
| CAVANAGH, MILTON E. 1 Pump W 1/2, Lot No. 2, Sec. 33, T. 32 S., R. 66 E., MDBMM | Diversion | | | | | | | | | | | | | 8 6/ |
| | | | | | | | | | | | | | | 2/ |
| NEVADA TOTALS | Diversion | 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 |
| | Return Consumptive Use | | | | | | | | | | | | | |

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

- 1/ Delivered through the facilities of Southern Nevada Water Project.
- 2/ No surface returns.
- 3/ Diversions too small to tabulate monthly--not included in monthly total.
- 4/ Delivered through the facilities of Basic Management, Inc.
- 5/ Portions of return flow in Las Vegas Wash attributable to Basic Management, Inc., and to Las Vegas Valley Water District are not identified.
- 6/ Reported annually.
- 7/ The total is 48 acre-feet greater than the sum of the monthly totals because of the nonavailability of monthly distribution of items footnoted 3/ and 6/.

RECORDS OF RELEASES OF MAINSTREAM WATER PURSUANT TO ORDERS
BUT NOT DIVERTED BY PARTY ORDERING SAME AND QUANTITY OF SUCH
WATER DELIVERED TO MEXICO IN SATISFACTION OF MEXICAN TREATY
OR DIVERTED BY OTHERS IN ACCORDANCE WITH ARTICLE V(C) OF THE
DECREE OF THE SUPREME COURT OF THE UNITED STATES IN
ARIZONA v. CALIFORNIA DATED MARCH 9, 1964

- - -
CALENDAR YEAR 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

(VIC)

AND

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

CALENDAR YEAR 1971
STATE OF ARIZONA

Sheet 1 of 3
Final Records
(ACRE - FEET)

| Water User | | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER | TOTALS |
|---|--|---------|----------|-------|-------|-------|------|------|--------|-----------|---------|----------|----------|--------|
| Colorado River Indian Reservation Diversion at Headgate Rock Dam | Ordered but not Diverted | 893 | 674 | 430 | 417 | 1,420 | 295 | 159 | 1,500 | 992 | 2,158 | 1,450 | 1,285 | 11,673 |
| | Delivered to Mexico in Satisfaction of Treaty | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | Diverted by Others | 91 | 184 | 93 | 80 | 718 | 184 | 40 | 115 | 196 | 274 | 131 | 615 | 2,721 |
| | Delivered to Storage <u>2/</u> Delivered to Mexico in Excess of Treaty | 802 | 490 | 337 | 337 | 702 | 111 | 119 | 1,385 | 663 | 1,884 | 1,319 | 670 | 8,819 |
| Yuma Proving Ground, U.S. Army <u>1/</u> Diversion at Imperial Dam | Ordered but not Diverted | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | Delivered to Mexico in Satisfaction of Treaty | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | Diverted by Others | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | Delivered to Storage <u>2/</u> Delivered to Mexico in Excess of Treaty | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| North Gila Valley Irrigation District Diversion at Imperial Dam | Ordered but not Diverted | 585 | 456 | 591 | 567 | 337 | 444 | 900 | 716 | 198 | 812 | 567 | 379 | 6,552 |
| | Delivered to Mexico in Satisfaction of Treaty | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | Diverted by Others | 53 | 113 | 34 | 87 | 170 | 93 | 268 | 115 | 87 | 184 | 111 | 101 | 1,416 |
| | Delivered to Storage <u>2/</u> Delivered to Mexico in Excess of Treaty | 532 | 343 | 557 | 480 | 167 | 351 | 632 | 601 | 103 | 550 | 456 | 278 | 5,050 |
| Warren Act Contractors outside Gila Project Districts Diversion at Imperial Dam | Ordered but not Diverted | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 67 | 139 | 48 | 254 |
| | Delivered to Mexico in Satisfaction of Treaty | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | Diverted by Others | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 31 | 40 | 8 | 79 |
| | Delivered to Storage <u>2/</u> Delivered to Mexico in Excess of Treaty | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 36 | 99 | 40 | 175 |
| Wellton-Mohawk Irrigation and Drainage District Diversion at Imperial Dam | Ordered but not Diverted | 1,289 | 1,523 | 295 | 2,574 | 768 | 774 | 292 | 3,025 | 4,810 | 6,333 | 841 | 1,368 | 23,892 |
| | Delivered to Mexico in Satisfaction of Treaty | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | Diverted by Others | 157 | 745 | 45 | 864 | 377 | 629 | 143 | 450 | 1,263 | 1,908 | 218 | 428 | 7,227 |
| | Delivered to Storage <u>2/</u> Delivered to Mexico in Excess of Treaty | 1,132 | 778 | 250 | 1,710 | 391 | 145 | 149 | 2,575 | 3,176 | 3,092 | 623 | 940 | 14,961 |
| | | 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

(C)

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

Sheet 2 of 3
Final Records
(ACRE - FEET)

| Water User | | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER | TOTALS |
|--|---|---------|----------|-------|-------|-------|-------|------|--------|-----------|---------|----------|----------|--------|
| Yuma Irrigation District Diversion at Imperial Dam | Ordered but not Diverted | 212 | 269 | 67 | 583 | 649 | 363 | 458 | 400 | 377 | 371 | 305 | 535 | 5,212 |
| | Delivered to Mexico in Satisfaction of Treaty | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | Diverted by Others | 16 | 122 | 53 | 276 | 230 | 67 | 131 | 79 | 71 | 99 | 147 | 204 | 1,505 |
| | Delivered to Storage 2/ | 196 | 167 | 567 | 307 | 419 | 296 | 327 | 321 | 288 | 234 | 158 | 331 | 3,651 |
| | Delivered to Mexico in Excess of Treaty | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18 | 38 | 0 | 0 | 56 |
| Yuma Mesa Irrigation and Drainage District Diversion at Imperial Dam | 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 | 1,696 | 1,160 | 13,263 |
| | Delivered to Mexico in Excess of Treaty | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 218 | 559 | 0 | 0 | 777 |
| Unit "B" Irrigation and Drainage District Diversion at Imperial Dam | 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 |
| City of Yuma Diversion at Imperial Dam | Ordered but not Diverted | 0 | 0 | 0 | 138 | 87 | 0 | 0 | 222 | 155 | 179 | 0 | 62 | 843 |
| | 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 | 59 | 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 |
| Yuma County Water Users' Association Diversion at Imperial Dam | Ordered but not Diverted | 2,680 | 1,726 | 1,282 | 3,086 | 2,407 | 1,365 | 476 | 4,633 | 2,868 | 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 | 1,512 | 1,103 | 1,228 | 1,202 | 2,025 | 13,742 |
| | Delivered to Storage 2/ | 1,492 | 708 | 146 | 2,197 | 1,434 | 197 | 176 | 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 |
| Cocopah Indian Reservation Diversion at Imperial Dam | Ordered but not Diverted | 8 | 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 | 12 | 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 |

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

(VC)

Sheet 3 of 3
 Final Records
 (ACRE - FEET)

| | | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER | TOTALS |
|----------------|---|---------|----------|-------|-------|-------|-------|-------|--------|-----------|---------|----------|----------|---------|
| ARIZONA TOTALS | Ordered but not Diverted | 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 |
| | 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 | 67,981 |
| | 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)

AND
QUANTITY OF SUCH WATER DELIVERED TO MEXICO IN SATISFACTION OF MEXICAN TREATY OR DIVERTED BY OTHERS
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 | Ordered but not Diverted | 3,582 | 611 | 2,545 | 908 | 1,485 | 2,396 | 1,566 | 2,003 | 1,887 | 1,554 | 1,880 | 2,181 | 22,598 |
| | 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/ | 3,582 | 611 | 2,545 | 908 | 1,485 | 2,396 | 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 | Ordered but not Diverted | 883 | 885 | 1,508 | 1,853 | 2,876 | 1,597 | 778 | 6,643 | 3,078 | 1,244 | 1,385 | 1,581 | 24,311 |
| | 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/ | 883 | 786 | 1,319 | 1,706 | 2,737 | 1,363 | 272 | 6,355 | 1,492 | 996 | 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 | Ordered but not Diverted | 492 | 379 | 484 | 606 | 1,121 | 924 | 773 | 1,622 | 621 | 1,327 | 935 | 1,567 | 10,851 |
| | 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 | 392 | 204 | 579 | 774 | 564 | 912 | 250 | 756 | 212 | 1,235 | 6,182 |
| | Delivered to Storage 1/ | 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 | Ordered but not Diverted | 359 | 438 | 543 | 592 | 864 | 496 | 524 | 1,887 | 696 | 1,269 | 674 | 1,186 | 9,528 |
| | 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/ | 206 | 284 | 147 | 393 | 418 | 80 | 142 | 825 | 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 | Ordered but not Diverted | 0 | 0 | 0 | 175 | 0 | 0 | 0 | 3,570 | 1,815 | 1,587 | 0 | 0 | 7,147 |
| | 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/ | 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

V(C)

BUT NOT DIVERTED BY PARTY ORDERING SAME

AND

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

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 | 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 ^{1/} | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | Delivered to Mexico in Excess of Treaty | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| CALIFORNIA TOTALS | Ordered but not Diverted | 5,316 | 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 |
| | Diverted by Others | 363 | 387 | 937 | 550 | 1,164 | 1,424 | 1,452 | 2,557 | 1,091 | 1,709 | 375 | 2,172 | 14,181 |
| | Delivered to Storage ^{1/} | 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
CALENDAR YEAR 1971

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 | 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 | 18,608 | 4,487 | 61,622 1/2 |

1/ Includes 55,208 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

CALENDAR YEAR 1971

DIVERIONS 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

V(E)

Final Records
(ACRE - FEET)

| | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER | TOTALS |
|--|---------|----------|-------|-------|-----|------|------|--------|-----------|---------|----------|----------|-------------------|
| Gila River | | | | | | | | | | | | | |
| Diversions | | | | | | | | | | | | | 798 ^{1/} |
| Consumptive Use | | | | | | | | | | | | | 798 ^{2/} |
| San Francisco River | | | | | | | | | | | | | |
| Diversions | | | | | | | | | | | | | 962 ^{1/} |
| Consumptive Use | | | | | | | | | | | | | 962 ^{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> | | | | | | | | | | | | | |