

Eighty Seventh Annual Report

Distribution of Waters of The Gila River

BY THE
GILA WATER COMMISSIONER
Patricia A. Doyle

TO THE
UNITED STATES DISTRICT COURT
In and For the District of Arizona

2022



EIGHTY SEVENTH ANNUAL REPORT

2022

DISTRIBUTION OF WATERS OF THE GILA RIVER

By the

GILA WATER COMMISSIONER

Patricia A. Doyle

To the

UNITED STATES DISTRICT COURT

Safford, Arizona
December 20, 2023

Honorable Scott H. Rash
Judge of the United States District Court
Tucson, Arizona

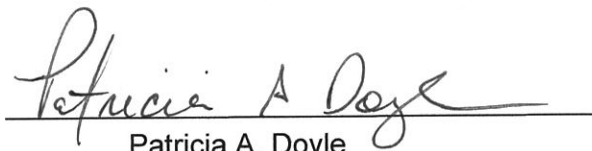
No. CV 31-0059-TUC-SHR
aka Globe Equity No. 59

Re: United States of America
vs.
Gila Valley Irrigation District, et al.

Dear Judge Rash:

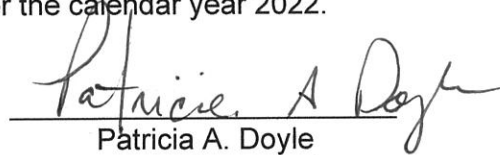
I submit herewith the Eighty-Seventh Annual Report in the above-entitled cause on distribution of waters of the Gila River, tabulation of hydro logic data, and analysis of expenditures and collections for the calendar year 2022.

Respectfully,


Patricia A. Doyle
Gila Water Commissioner

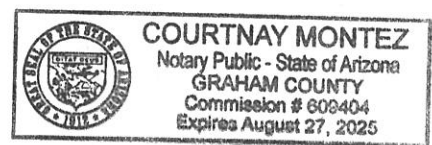
State of Arizona)
) ss:
County of Graham)

I, Patricia A. Doyle, Gila Water Commissioner, hereby certify that the following is a true and correct record of distribution of waters of the Gila River for the calendar year 2022, to the best of my knowledge and belief. Furthermore, the Financial Statement submitted herein is a true and accurate record of all receipts and disbursements for the calendar year 2022.


Patricia A. Doyle
Gila Water Commissioner

Subscribed and sworn to before me this 20th day of December, 2023.

Notary Public



My commission expires: Aug 27, 2025

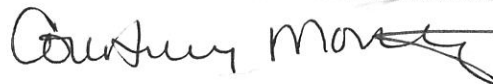


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Office Of The Gila Water Commissioner

207 W 5TH (HWY 70)
Safford, Arizona 85546
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PERSONNEL

| | |
|---|----------------------------|
| Patricia A. Doyle, Gila Water Commissioner | Safford, Arizona |
| B. Paul Curtis, Assistant Water Commissioner | Pima, Arizona |
| Casey L. Windsor, Water Specialist III | Safford, Arizona |
| Alissa Macias, Water Specialist II | Safford, Arizona |
| Brad Smith, Water Specialist I | Ft. Thomas, Arizona |

SOURCES OF DATA

Stream flow data of the Gila River, its tributaries, and the San Carlos Reservoir data, (except evaporation and rainfall at San Carlos Reservoir), are provided by the United States Geological Survey, Arizona Water Science Center. James Leenhouts is the Water Science Center Director.

Evaporation and rainfall recorded at San Carlos Reservoir are provided by San Carlos Irrigation Project. Ed Begay is the Project Manager.

Records of diversions of water in the Gila River System are provided by the following agencies: "Upper Valleys" - Gila Water Commissioner; San Carlos Indian Reservation - San Carlos Agency; Winkelman Valley - ASARCO Inc. and the Town of Kearny; San Carlos Irrigation Project.

The Gila Water Commissioner also provides information on the Internet, which includes text of the Gila Decree and the last 30 days of daily Call System Reports. The Home Page Address is <http://www.gilawater.org>

The vicinity of Cosper Crossing, in Duncan Valley, Arizona, is monitored daily, during periods that the Gila River is at low flow. The observer of Cosper Crossing is Tom Lovett, or designated aide.

ACCURACY OF DATA AND COMPUTED RESULTS

The tables of canal diversions and river station discharges are rated in regards to general accuracy of the records. "Excellent" indicates that, in general, the daily records are accurate within 5 percent; "Good" within 10 percent; "Fair" within 15 percent. Records that do not meet that criteria are rated "Poor".

All U.S.G.S. data herein, are provisional and subject to revision. Other data herein, are not routinely revised unless significant errors must be resolved after publication.

Computer rounding was adopted on January 1, 1996, with general accuracy rated "excellent".

The data compiled in the Gila Water Commissioner's Monthly and Annual Reports may not coincide with values used in the computations of the Daily Call System. The Reports are based on mean daily values whereas; the Call System is calculated on instantaneous values.

GRAPHICAL DIVISIONS

Administration of the Decree, follows the natural geographical divisions of the Gila Valley.

Decreed acreage for each is as follows:

Duncan-Virden division, known as **Franklin Valley** consists of 7,919.76 decreed acres; with lands in Hidalgo County, New Mexico and Greenlee County, Arizona. **Safford Valley**, 31,344.58 decreed acres, comprising lands in Graham County, Arizona, outside of the San Carlos Reservation. **San Carlos Agency**, 1,000 decreed acres, located above the San Carlos Reservoir. **Winkelman Valley**, located in Gila and Pinal Counties, Arizona, totaling 1,335.16 decreed acres are divided into 440.43 decreed acres with diversion rights from the Gila River, and 894.73 decreed acres are designated as pumping rights for industrial, municipal, and domestic use.

San Carlos Project, in Pinal County, Arizona, with water rights in the name of the United States of America aggregating 102,090.50 decreed acres as follows:

| <u>San Carlos Project</u> | <u>Acres</u> |
|---|--------------|
| San Carlos Irrigation & Drainage District | 50,000.00 |
| Indian Lands | 50,000.00 |
| Natural Flow Lands | 1,544.50 |
| Federal Agencies | 546.00 |
| | 102,090.50 |

The **Gila Crossing District**, under the Pima Agency at Sacaton, Arizona, has return flow rights for 2,992.50 acres.

The Total acreage under the Decree amounts to 144,584.73 acres.

DISTRIBUTION OF WATERS

| | | |
|--|---------|-------|
| Total Capacity of San Carlos Reservoir | 861,540 | ac-ft |
| January 1, 2022, Stored water in the San Carlos Reservoir: | 19,600 | ac-ft |
| December 31, 2021 Stored water in San Carlos Reservoir: | 224,001 | ac-ft |
| Percent of total capacity. | 26.0% | ac-ft |

Apportioned to the Upper Valleys, (Franklin and Safford Valley), 1.19 ac-ft

A total of 1.19 acre-feet of water was allocated for each acre then being irrigated.

The Total of San Carlos Irrigation Project apportioned acre-feet

of pumped and stored water for each acre. 0.75 ac-ft

The gravity diversions of both natural flow and stored water are shown on Plate 28.

The total water diverted from the Gila River under the Decree for the year: 172,613 ac-ft

Mean daily diversions of apportioned and priority water for each canal in the Duncan, Safford, Determination of when priority water was available is shown on plate 29.

2022 WATER SUPPLY

| | |
|---|---------------|
| Total flow of the Gila River, as recorded at Gila River at Head of Safford Valley Near Solomon: | 418,684 ac-ft |
| Total Inflow into the San Carlos Reservoir from the Gila River and the San Carlos River | 386,232 ac-ft |
| Total water spilled and sluiced at Ashurt-Hayden Dam: | 40,261 ac-ft |

COSPER CROSSING

When the Gila River in the vicinity of Cosper Crossing was observed to be flowing the Duncan and Safford Valleys canal diversions were regulated on the same Date (year) of Priority. When the Gila River was observed to not be flowing or dry in the vicinity, the total Gila River flow in the Duncan Valley was issued to the Duncan/Virden Canals.

| Date | Vicinity Condition | Verification | | Date | Vicinity Condition | Verification |
|----------|--------------------|--------------|--|------|--------------------|--------------|
| 10/12/21 | WET | REPORTED | | | | |
| 04/13/22 | DRY | REPORTED | | | | |
| 06/30/22 | WET | REPORTED | | | | |
| | | | | | | |

CONSUMPTIVE USE

The acre-feet consumptive use of water for the "Upper Valleys" as determined by the method set forth in Article VIII of the Decree is as follows:

| 2022 | Gila River below Blue Creek (good)* | San Francisco River at Clifton (good)* | Total | Gila at Calva (poor)* | Consumptive use | Accumulated Consumptive use |
|---------------|-------------------------------------|--|----------------|-----------------------|-----------------|-----------------------------|
| Jan. | 5,039 | 7,636 | 12,675 | 11,607 | 1,068 | 1,068 |
| Feb. | 4,748 | 3,792 | 8,540 | 7,091 | 1,449 | 2,517 |
| Mar. | 4,044 | 3,646 | 7,690 | 2,202 | 5,488 | 8,005 |
| Apr. | 3,429 | 2,553 | 5,982 | 1,645 | 4,337 | 12,342 |
| May | 1,071 | 1,246 | 2,317 | 1,064 | 1,253 | 13,595 |
| Jun. | 3,981 | 2,069 | 6,050 | 1,468 | 4,582 | 18,177 |
| Jul. | 14,224 | 6,592 | 20,816 | 6,656 | 14,160 | 32,337 |
| Aug. | 115,953 | 38,434 | 154,387 | 104,796 | 49,591 | 81,928 |
| Sep. | 27,672 | 15,648 | 43,320 | 46,741 | -3,421 | 78,507 |
| Oct. | 56,226 | 30,286 | 86,512 | 90,620 | -4,108 | 74,399 |
| Nov. | 14,839 | 8,037 | 22,876 | 30,653 | -7,777 | 66,622 |
| Dec. | 19,216 | 42,363 | 61,579 | 58,700 | 2,879 | 69,501 |
| TOTALS | 270,442 | 162,302 | 432,744 | 363,243 | 69,501 | 69,501 |

UPPER VALLEYS 2022 CONSUMPTIVE USE TRACKING

When Cumulative FLOW BALANCE during January, February and March is less than 7,000 acre-feet, it is recommended to regulate diversions during March, April and May, such that Consumptive Use is limited to 75,000 Ac-ft before the end of May; and 90,000 Ac-ft before the end of August. Flow Balance is shown ONLY as an indicator of potential consumptive use.

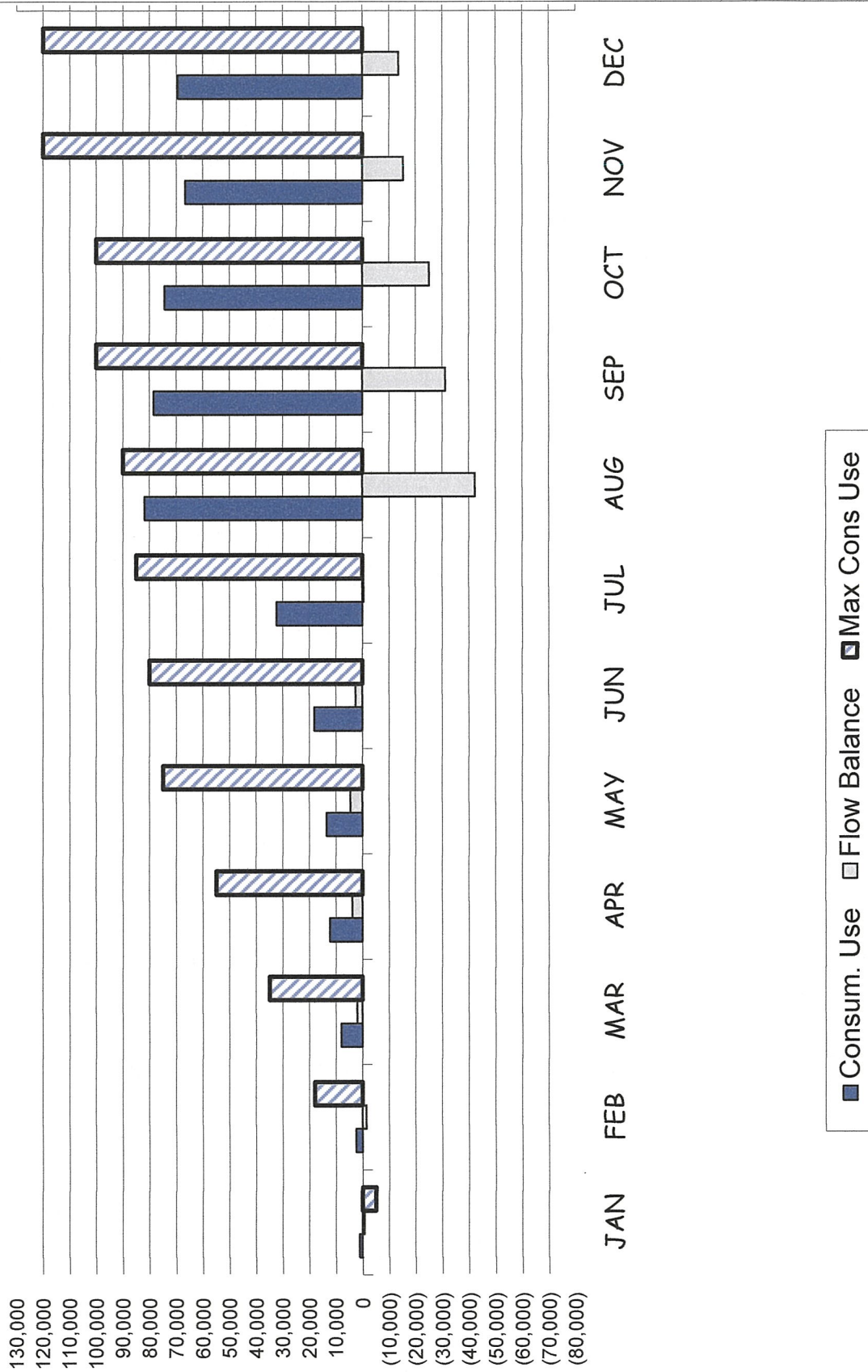
THIS TRACKING METHOD HAS NOT BEEN ADOPTED AS THE ONLY INDICATOR OR GUIDELINE IN PROJECTING
ACTUAL CONSUMPTIVE USE under the Gila Decree

Input data rounded to USGS standards - IN ACRE-FEET

| 2022 | CONSUMPTIVE USE | | UPPER VALLEYS and San Carlos Apache Tribe | HEAD OF SAFFORD VALLEY | | FLOW BALANCE | | | | | | ACCUM. FLOW BALANCE | TOTAL INFLOW Gila + SF | MAXIMUM CONSUMPTIVE USE RECOMMENDED |
|--------|-----------------|--------|---|---------------------------|-----------------------|--------------------------|-----------------|---------------|----------------|-----------------------------|----------|---------------------------|------------------------------|--|
| | MONTH | RESULT | | ACCUM. RESULT | GILA RIVER FLOW | GILA R. ACCUM FLOW | FLOW BALANCE | GILA CALVA | GILA VIRDEN | SAN FRANCISCO CLIFTON | DIVS | | | |
| JAN | 1,068 | 1,068 | 309 | 14,724 | 14,724 | (759) | 11,607 | 5,039 | 7,636 | 309 | -759 | 12,675 | 75,000 | |
| FEB | 1,449 | 2,517 | 779 | 9,088 | 23,812 | (670) | 7,091 | 4,748 | 3,792 | 779 | -1,429 | 8,540 | 75,000 | |
| MAR | 5,488 | 8,005 | 9,997 | 8,077 | 31,889 | 3,421 | 2,202 | 4,044 | 3,646 | 8,909 | 1,992 | 7,690 | 75,000 | |
| APR | 4,337 | 12,342 | 16,224 | 4,883 | 36,772 | 1,890 | 1,645 | 3,429 | 2,553 | 6,227 | 3,882 | 5,982 | 75,000 | |
| MAY | 1,253 | 13,595 | 18,087 | 2,523 | 39,295 | 610 | 1,064 | 1,071 | 1,246 | 1,863 | 4,492 | 2,317 | 75,000 | |
| JUN | 4,582 | 18,177 | 20,758 | 4,624 | 43,919 | (1,911) | 1,468 | 3,981 | 2,069 | 2,671 | 2,581 | 6,050 | 80,000 | |
| JUL | 14,160 | 32,337 | 31,863 | 15,554 | 59,473 | (3,055) | 6,656 | 14,224 | 6,592 | 11,105 | -474 | 20,816 | 85,000 | |
| AUG | 49,591 | 81,928 | 39,630 | 135,558 | 195,031 | (41,824) | 104,796 | 115,953 | 38,434 | 7,767 | -42,298 | 154,387 | 90,000 | |
| SEP | -3,421 | 78,507 | 47,318 | 47,265 | 242,296 | 11,109 | 46,741 | 27,672 | 15,648 | 7,688 | -31,189 | 43,320 | 100,000 | |
| OCT | -4,108 | 74,399 | 49,261 | 85,683 | 327,979 | 6,051 | 90,620 | 56,226 | 30,286 | 1,943 | -25,138 | 86,512 | 100,000 | |
| NOV | -7,777 | 66,622 | 51,277 | 27,882 | 355,861 | 9,793 | 30,653 | 14,839 | 8,037 | 2,016 | -15,345 | 22,876 | 120,000 | |
| DEC | 2,879 | 69,501 | 55,883 | 62,821 | 418,682 | 1,727 | 58,700 | 19,216 | 42,363 | 4,606 | -13,618 | 61,579 | 120,000 | |
| TOTALS | 69,501 | | 55,883 | 418,682 | | -13,618 | 363,243 | 270,442 | 162,302 | 55,883 | | 432,744 | | |
| Graph | Consum. Use → | | Diversions | | Graph | | | | | | Flow Bal | River Flow | Max Cons Use | |

GRAPH: See graphic display on next page (4-2).

2022 CONSUMPTIVE USE RECOMMENDATIONS Vs CUMULATIVE FLOW BALANCE



2022

MONTHLY RIVER FLOWS AND DIVERSIONS, GILA RIVER SYSTEM

Quantities in Acre-feet

| | Jan. | Feb. | Mar. | Apr. | May | Jun. | Jul. | Aug. | Sep. | Oct. | Nov. | Dec. | Total |
|---------------------------|-------|-------|-------|-------|-------|------|-------|--------|-------|-------|-------|-------|--------|
| Gila Blue | 5039 | 4748 | 4043 | 3430 | 1071 | 3981 | 14224 | 115953 | 27672 | 56226 | 14839 | 19216 | 270443 |
| Duncan Valley Diversions | 70 | 335 | 971 | 1225 | 511 | 45 | 1145 | 608 | 592 | 196 | 270 | 283 | 6252 |
| Gila River near Clifton | 6183 | 4145 | 3083 | 1699 | 1081 | 2993 | 9837 | 102142 | 29838 | 66594 | 14821 | 18145 | 260561 |
| San Fran. River @ Clifton | 7636 | 3792 | 3645 | 2552 | 1246 | 2069 | 6592 | 38434 | 15648 | 30285 | 8037 | 42363 | 162300 |
| Gila Solomon | 14724 | 9088 | 8077 | 4883 | 2524 | 4624 | 15554 | 135558 | 47265 | 85683 | 27882 | 62821 | 418684 |
| Safford Valley Diversions | 157 | 410 | 7939 | 5003 | 1351 | 2624 | 9962 | 7159 | 7095 | 1747 | 1747 | 4324 | 49515 |
| San Carlos Agency Divs. | 82 | 34 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 116 |
| Gila Calva | 11607 | 7091 | 2202 | 1645 | 1064 | 1468 | 6656 | 104796 | 46741 | 90620 | 30653 | 58700 | 363245 |
| San Carlos R. @ Peridot | 7650 | 346 | 250 | 70 | 0 | 0 | 1693 | 7205 | 43 | 585 | 78 | 5028 | 22948 |
| Stored Water | 0 | 5395 | 10435 | 15166 | 9723 | 0 | 1065 | 0 | 0 | 0 | 0 | 0 | 41784 |
| Gila Below Coolidge Dam | 46 | 12013 | 12893 | 16886 | 10452 | 0 | 2826 | 5146 | 14977 | 10824 | 8527 | 6702 | 101291 |
| Winkelman Divs. (Indust) | 449 | 331 | 444 | 484 | 603 | 680 | 584 | 491 | 474 | 493 | 533 | 520 | 6086 |
| Winkelman Divs. (Ag.) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Gila River @ Kelvin | 5797 | 11131 | 12371 | 14823 | 9863 | 30 | 5662 | 39980 | 13432 | 12169 | 8854 | 13134 | 147247 |
| A-H Diversions | 169 | 10130 | 13266 | 15784 | 11232 | 38 | 3370 | 14132 | 13888 | 11365 | 8795 | 8475 | 110644 |
| A-H Spilled | 3590 | 129 | 0 | 0 | 0 | 0 | 2255 | 27226 | 317 | 179 | 0 | 6565 | 40261 |
| A-H Sluiced | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| A-H Total | 3759 | 10259 | 13266 | 15784 | 11232 | 38 | 5625 | 41358 | 14205 | 11544 | 8795 | 15040 | 150905 |
| Loss Kelvin to A-H | -2038 | -872 | 895 | 961 | 1369 | 8 | -37 | 1378 | 773 | -625 | -59 | 1906 | 3658 |
| Sacaton Diversions | | | | | | | | | | | | | 0 |

SUMMARY OF THE GILA RIVER SYSTEM

Quantities in Acre-feet

NATURAL FLOW FROM THE GILA RIVER AND TRIBUTARIES

| | |
|---|---------|
| Gila River Below Blue Creek | 270,443 |
| San Francisco River at Clifton | 162,300 |
| San Carlos River near Peridot | 22,948 |
| Gain from Gila Below Coolidge Dam to Gila at Kelvin | 45,955 |

INFLOWS, SAN CARLOS RESERVOIR

| | |
|--|---------|
| Gila River at Calva plus San Carlos River near Peridot | 386,192 |
|--|---------|

| | |
|--|---------|
| <u>GILA RIVER BELOW COOLIDGE DAM</u> | 101,291 |
|--|---------|

CONTENTS IN STORAGE, SAN CARLOS RESERVOIR

| | |
|--|---------|
| Available contents January 1, 2022 | 19,600 |
| Available contents December 31, 2022 | 224,001 |

WATER DIVERTED FROM THE GILA RIVER

| | |
|--|---------|
| Duncan-Virden Valley canal diversions | 6,252 |
| Safford Valley canal diversions | 49,515 |
| San Carlos Apache Tribe | 116 |
| Winkelman Valley Agricultural diversions | 0 |
| Winkelman Valley industrial and municipal pumps | |
| ASARCO Incorporated | 5,807 |
| Town of Kearny | 279 |
| San Carlos Project | |
| Natural flow Ashurst-Hayden Dam | 74,245 |
| Stored water Ashurst-Hayden Dam | 36,399 |
| Natural flow Sacaton Dam | 0 |
| TOTAL DIVERSIONS | 172,613 |

| | |
|---|--------|
| <u>SPILLED AND SLUICED ASHURT- HAYDEN DAM</u> | 40,261 |
|---|--------|

SAN CARLOS RESERVOIR (SCR)

| | | |
|---|---------|-------|
| January 1, 2022 available stored water in the SCR acre-feet. (Plate 48) | 21,396 | ac-ft |
| Maximum storage for the year was December 31, 2022 (Plate 48) | 224,001 | ac-ft |
| Computed evaporation from the surface of the SCR (Plate 49) | 13,233 | ac-ft |
| Computed annual rainfall on SCR (Plate 50) | 4,727 | ac-ft |
| Computed bank storage for SCR (Plate 44). | 78,317 | ac-ft |

In previous years, small flows recorded at Gila River below Coolidge Dam (Plate 40), when no water was being released were disregarded and are not shown on Determination of Priority (Plate 29), Natural Flow Releases (Plate 41), Stored Water Releases (Plate 42).

APPORTIONMENTS MADE DURING 2022

Article VIII (2) of the Decree entered on June 29, 1935 provides that on the first day of January of each calendar year, or as soon thereafter as there is water stored in San Carlos Reservoir [the "Reservoir"], which is available for release from Coolidge Dam for conveyance to and diversion on the lands of the San Carlos Project, the Gila Water Commissioner shall apportion for the ensuing irrigation year to the Upper Valley Defendants [UVDs] an amount of water equal to the available storage [after appropriate deductions for losses] and shall permit the diversion of said amount of water from the natural flow of the Gila River for irrigation of the lands of the UVDs in disregard of the prior rights of the plaintiff but within the duty of water limitations of the Decree [6 acre-feet per acre during each irrigation season] and subject to the actual consumptive use limitation of Article VIII (2). Said Article VIII (2) further provides that the Commissioner shall make additional apportionments from time to time if and when water shall flow into the Reservoir and shall be stored there and become added to the available stored water in the Reservoir, which apportionments shall be made and calculated in the same manner as the first apportionment. [Articles IX and X of the Decree provide that when, under the rule and method of apportionment stated in Article VIII, there is apportioned to the UVDs amounts of water from the natural flow of the Gila River, there also shall be apportioned to the parties named in Articles IX and X, for the purposes therein specified, an amount of water per acre corresponding with the amount per acre apportioned to the UVDs under Article VIII.]

The Court has ordered that only lands then being irrigated [TBI] may receive natural flow of the Gila River. Therefore, in allocating the apportionments made in pursuant to Article VIII (2), the Commissioner allocates the water apportioned to the lands of the UVDs to the lands reported as TBI. Because the amount of acreage reported as TBI may change from time to time, when the TBI acreage changes, it is necessary and appropriate for the Commissioner to re-allocate the amount of water apportioned under Article VIII (2). However, the total amount of water calculated and apportioned pursuant to Article VIII (2) does not change unless there has also been an additional apportionment because of added stored water available for release in the Reservoir.

Notwithstanding the foregoing, diversions from the natural flow of the Gila River shall not exceed the duty of water limitations of the Decree or the limitations otherwise specified in Articles IX and X of the Decree.

Apportionments continued:

| Apportionment | Effective | Reservoir Available | Adjusted T.B.I. | Apportionment | Re-Allocation | Accumulated |
|---------------|-----------|---------------------|-----------------|---------------|---------------|-------------|
| 1 | 01/01/21 | 14,507 | 23,624.28 | 0.61 | | 0.61 |
| 2 | 02/02/22 | 29,434 | 24,723.56 | 0.58 | | 1.19 |
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The following apportionments of stored and pumped water, were made by the **San Carlos Irrigation Project**, based on a total of 100,546.00 decreed acres. TBI is not used by SCIP in its apportionments.

| Number | Date | Decreed Acres | Acre-feet per Acre | Accumulated Apportionment | TBI Acreage | TBI Acre-feet per Acre |
|--------------|----------|---------------|--------------------|---------------------------|-------------|------------------------|
| 1 | 01/02/22 | 100,546.00 | 0.370 | | | 0.37 |
| 2 | 02/01/22 | | | 0.05 | | 0.42 |
| 3 | 09/12/22 | | | 0.33 | | |
| TOTAL | | | | | | 0.75 |

SAN CARLOS RESERVOIR MINIMUM POOL

The Court filed an order on August 20, 1997, stipulating that a portion of the stored water in the San Carlos Reservoir would be retained in the reservoir in exchange for delivery of an equal amount of Central Arizona Project (“CAP”) water to the San Carlos Irrigation Project. The retained water would accumulate concurrently with the amount of CAP water delivered to SCIP on a daily basis, less losses for evaporation & seepage. The retained water would not be available for apportionments to the Upper Valleys, and in case of spill from the San Carlos Reservoir, would be the first water to spill. The following chart tracks the accumulation of the minimum pool by the month. Daily figures were reported on the Daily Call System, and are available in the Commissioner’s office:

| Date | Acre-feet |
|--------------------|-----------|
| January 1, 2022 | 0 |
| January 31, 2022 | 0 |
| February 28, 2022 | 0 |
| March 31, 2022 | 0 |
| April 30, 2022 | 0 |
| May 31, 2022 | 0 |
| June 30, 2022 | 0 |
| July 31, 2022 | 0 |
| August 31, 2022 | 0 |
| September 30, 2022 | 0 |
| October 31, 2022 | 0 |
| November 30, 2022 | 0 |
| December 31, 2022 | 0 |

FREEPORT-McMORAN MORENCI, INCORPORATED

Provisional records of pumped flow from Black River and Eagle Creek wells by the Freeport-McMoRan Corporation show the following information with quantities in acre-feet:

| 2020 | NET BLACK RIVER WATER PUMPED | NET UPPER EAGLE CREEK WATER PUMPED | TOTAL IMPORTED WATER PUMPED | TOTAL FMI PUMPING FROM S. F. RIVER & EAGLE CREEK BASIN | TOTAL GILA WATERS PUMPED BY FREEPORT McMORAN |
|---------------|---|---|--|---|---|
| January | 1,066 | 345 | 1,411 | 2,005 | 594 |
| February | 1,025 | 619 | 1,644 | 1,733 | 89 |
| March | 1,009 | 906 | 1,915 | 2,029 | 114 |
| April | 1,110 | 852 | 1,962 | 1,893 | |
| May | 855 | 1,313 | 2,168 | 1,823 | |
| June | 244 | 1,547 | 1,791 | 1,546 | |
| July | 397 | 1,298 | 1,695 | 1,460 | |
| August | 988 | 924 | 1,912 | 1,909 | |
| September | 758 | 1,402 | 2,160 | 2,014 | |
| October | 839 | 1,530 | 2,369 | 2,212 | |
| November | 1,239 | 803 | 2,042 | 1,826 | |
| December | 776 | 145 | 921 | 1,912 | 991 |
| TOTALS | 10,306 | 11,684 | 21,990 | 22,362 | 1,788 |
| By-pass | | | | | |
| TOTAL | | | | | 1,788 |

SAN CARLOS APACHE TRIBE FARMING REPORTS

The Court, in its Water Quality Injunction, filed June 6, 1996, stipulated that the San Carlos Apache Tribe would report to the Water Commissioner on a monthly basis, the crops planted, dates of irrigation, the amount and source of water applied to the lands, the crop yield, the use of crops for grazing and any unusual problems occurring. The above-mentioned data for 2022 have been supplied to the Water Commissioner and summarized on Plate 5 of the 2022 yearly report.

LAND USE AUDITS, VIOLATIONS AND PENALTIES

The Court, in its **Phase IV Memorandum and Order** dated March 25, 1996, directed the Water Commissioner to adopt a scheme for reporting and auditing lands "**then being irrigated**" and for correcting and penalizing violations. The Commissioner, as instructed, presented to the Court a reporting scheme and procedure to audit lands then being irrigated. On June 3, 1996, in its **Order on Water Quality Injunction and Related Matters**, the reporting scheme and auditing procedures were adopted by the Court.

Audits of lands being irrigated were made throughout the year of 2022. A summary of those audits can be found on Plate 2. Any actions taken and penalties consented to for violations of the TBI regulations can be found on Page 11.

GERONIMO STATION 2022

The Seasonal Average Salinity on October 31, 2022 was 2,911 uS/cm. Daily data in support of the above figures can be found in the Water Commissioner's 2022 monthly reports or can be seen at the office of the Gila Water Commissioner.

OFFICE OF THE
GILA WATER COMMISSIONER

P.O. Box 152
SAFFORD ARIZONA 85548

Patricia A. Doyle
GILA WATER COMMISSIONER
Phone: (928) 428-3220

UNITED STATES DISTRICT COURT
vs.
GILA VALLEY IRRIGATION DISTRICT et al.
Case No. CV31-59-TUC-SHR
(a/k/a Globe Equity No. 59.)

**GILA RIVER @ GERONIMO STATION
WATER QUALITY DATA
2022**

The following table for the year 2022 show daily flows and salinity at Geronimo Station

Any inconsistencies in the EC (uS/cm) readings may happen after sudden freshet occur in the Gila River. These sudden freshets dilute the salts in the river, causing the EC (uS/cm) readings to drop substantially low. The EC readings will remain low for a short period of time thereafter during the following low flows.

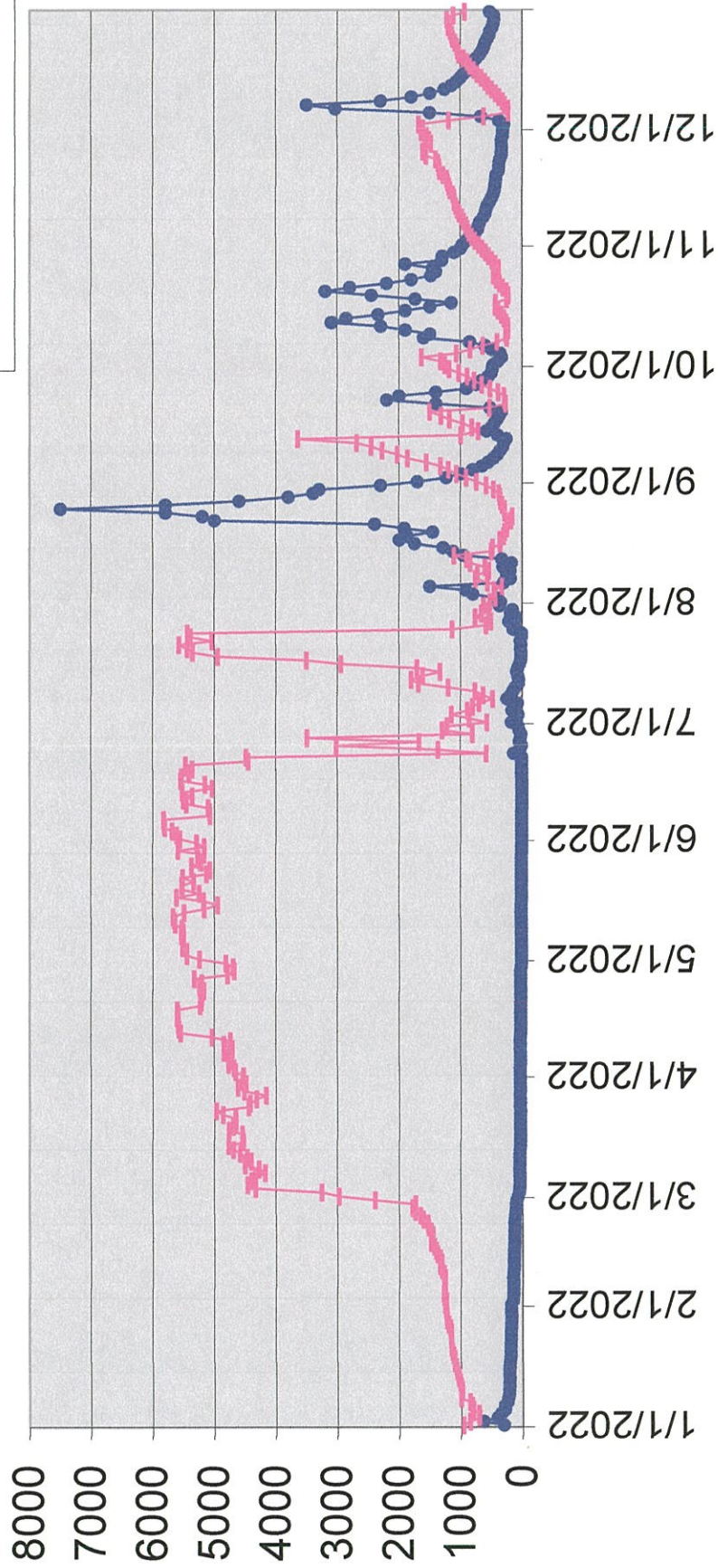
GERONIMO STATION WATER QUALITY REPORT
COMPARISON OF ELECTRIC CONDUCTIVITY TO FLOW
DAILY AVERAGE

| Date: | Flow | EC | Date: | Flow | EC | Date: | Flow | EC | Date: | Flow | EC |
|--------|------|-----------|--------|------|-----------|--------|------|-----------|--------|------|-----------|
| | Cfs | MicroS-cm | | Cfs | MicroS-cm | | Cfs | MicroS-cm | | Cfs | MicroS-cm |
| 1-Jan | 308 | 960 | 1-Apr | 35 | 4527 | 1-Jul | 180 | 573 | 1-Oct | 470 | 1248 |
| 2-Jan | 640 | 850 | 2-Apr | 35 | 4657 | 2-Jul | 93 | 860 | 2-Oct | 390 | 1317 |
| 3-Jan | 410 | 700 | 3-Apr | 34 | 4680 | 3-Jul | 71 | 1150 | 3-Oct | 330 | 1632 |
| 4-Jan | 350 | 710 | 4-Apr | 33 | 4772 | 4-Jul | 170 | 891 | 4-Oct | 350 | 1058 |
| 5-Jan | 290 | 800 | 5-Apr | 32 | 4715 | 5-Jul | 135 | 807 | 5-Oct | 490 | 836 |
| 6-Jan | 290 | 820 | 6-Apr | 32 | 4761 | 6-Jul | 79 | 701 | 6-Oct | 600 | 634 |
| 7-Jan | 250 | 850 | 7-Apr | 33 | 4847 | 7-Jul | 250 | 479 | 7-Oct | 850 | 403 |
| 8-Jan | 235 | 1000 | 8-Apr | 34 | 4708 | 8-Jul | 187 | 631 | 8-Oct | 1600 | 244 |
| 9-Jan | 225 | 1000 | 9-Apr | 32 | 4848 | 9-Jul | 150 | 762 | 9-Oct | 1500 | 262 |
| 10-Jan | 220 | 981 | 10-Apr | 35 | 4744 | 10-Jul | 111 | 1198 | 10-Oct | 1900 | 226 |
| 11-Jan | 215 | 999 | 11-Apr | 30 | 5039 | 11-Jul | 58 | 1682 | 11-Oct | 2300 | 228 |
| 12-Jan | 215 | 1014 | 12-Apr | 28 | 5550 | 12-Jul | 54 | 1800 | 12-Oct | 3100 | 258 |
| 13-Jan | 213 | 1031 | 13-Apr | 28 | 5578 | 13-Jul | 70 | 1610 | 13-Oct | 2863 | 293 |
| 14-Jan | 220 | 1039 | 14-Apr | 28 | 5585 | 14-Jul | 88 | 1327 | 14-Oct | 2340 | 332 |
| 15-Jan | 215 | 1058 | 15-Apr | 28 | 5585 | 15-Jul | 70 | 1707 | 15-Oct | 1900 | 391 |
| 16-Jan | 210 | 1072 | 16-Apr | 28 | 5604 | 16-Jul | 43 | 2940 | 16-Oct | 1500 | 436 |
| 17-Jan | 205 | 1096 | 17-Apr | 29 | 5593 | 17-Jul | 20 | 3500 | 17-Oct | 1150 | 431 |
| 18-Jan | 196 | 1098 | 18-Apr | 28 | 5601 | 18-Jul | 18 | 4945 | 18-Oct | 1740 | 247 |
| 19-Jan | 194 | 1117 | 19-Apr | 29 | 5231 | 19-Jul | 17 | 5354 | 19-Oct | 2450 | 218 |
| 20-Jan | 190 | 1134 | 20-Apr | 29 | 5212 | 20-Jul | 26 | 5440 | 20-Oct | 3200 | 248 |
| 21-Jan | 190 | 1147 | 21-Apr | 29 | 5209 | 21-Jul | 20 | 5579 | 21-Oct | 2800 | 308 |
| 22-Jan | 190 | 1149 | 22-Apr | 30 | 5232 | 22-Jul | 30 | 5044 | 22-Oct | 2200 | 360 |
| 23-Jan | 188 | 1156 | 23-Apr | 29 | 5174 | 23-Jul | 15 | 5395 | 23-Oct | 1800 | 414 |
| 24-Jan | 188 | 1160 | 24-Apr | 30 | 5249 | 24-Jul | 15 | 5442 | 24-Oct | 1480 | 463 |
| 25-Jan | 188 | 1153 | 25-Apr | 30 | 5209 | 25-Jul | 150 | 1134 | 25-Oct | 1400 | 429 |
| 26-Jan | 184 | 1169 | 26-Apr | 30 | 5331 | 26-Jul | 130 | 588 | 26-Oct | 1450 | 378 |
| 27-Jan | 182 | 1198 | 27-Apr | 33 | 4787 | 27-Jul | 220 | 506 | 27-Oct | 1900 | 430 |
| 28-Jan | 178 | 1218 | 28-Apr | 33 | 4680 | 28-Jul | 100 | 761 | 28-Oct | 1300 | 484 |
| 29-Jan | 180 | 1226 | 29-Apr | 20 | 4701 | 29-Jul | 192 | 664 | 29-Oct | 1289 | 539 |
| 30-Jan | 184 | 1231 | 30-Apr | 19 | 4819 | 30-Jul | 159 | 543 | 30-Oct | 1100 | 589 |
| 31-Jan | 182 | 1237 | 1-May | 19 | 5247 | 31-Jul | 370 | 625 | 31-Oct | 1000 | 644 |
| 1-Feb | 182 | 1255 | 2-May | 19 | 5448 | 1-Aug | 350 | 520 | 1-Nov | 960 | 703 |
| 2-Feb | 153 | 1236 | 3-May | 19 | 5451 | 2-Aug | 420 | 433 | 2-Nov | 900 | 760 |
| 3-Feb | 150 | 1260 | 4-May | 19 | 5522 | 3-Aug | 800 | 433 | 3-Nov | 810 | 812 |
| 4-Feb | 148 | 1277 | 5-May | 19 | 5502 | 4-Aug | 910 | 451 | 4-Nov | 760 | 856 |
| 5-Feb | 150 | 1266 | 6-May | 19 | 5499 | 5-Aug | 1500 | 323 | 5-Nov | 715 | 887 |
| 6-Feb | 149 | 1253 | 7-May | 18 | 5541 | 6-Aug | 300 | 560 | 6-Nov | 700 | 908 |
| 7-Feb | 150 | 1258 | 8-May | 18 | 5507 | 7-Aug | 185 | 752 | 7-Nov | 680 | 945 |
| 8-Feb | 152 | 1253 | 9-May | 18 | 5530 | 8-Aug | 250 | 718 | 8-Nov | 630 | 976 |
| 9-Feb | 149 | 1272 | 10-May | 18 | 5637 | 9-Aug | 190 | 537 | 9-Nov | 600 | 1019 |
| 10-Feb | 144 | 1306 | 11-May | 17 | 5648 | 10-Aug | 310 | 598 | 10-Nov | 590 | 1049 |
| 11-Feb | 142 | 1339 | 12-May | 16 | 5669 | 11-Aug | 175 | 836 | 11-Nov | 570 | 1073 |
| 12-Feb | 143 | 1309 | 13-May | 16 | 5492 | 12-Aug | 327 | 900 | 12-Nov | 530 | 1098 |
| 13-Feb | 142 | 1334 | 14-May | 16 | 5167 | 13-Aug | 951 | 1100 | 13-Nov | 500 | 1103 |
| 14-Feb | 139 | 1377 | 15-May | 16 | 4943 | 14-Aug | 1120 | 500 | 14-Nov | 470 | 1123 |
| 15-Feb | 140 | 1397 | 16-May | 14 | 5176 | 15-Aug | 1280 | 480 | 15-Nov | 450 | 1168 |
| 16-Feb | 133 | 1425 | 17-May | 13 | 5615 | 16-Aug | 1750 | 350 | 16-Nov | 440 | 1186 |
| 17-Feb | 132 | 1485 | 18-May | 14 | 5247 | 17-Aug | 2000 | 360 | 17-Nov | 435 | 1208 |
| 18-Feb | 129 | 1450 | 19-May | 14 | 5521 | 18-Aug | 1870 | 300 | 18-Nov | 430 | 1222 |
| 19-Feb | 132 | 1449 | 20-May | 12 | 5529 | 19-Aug | 1450 | 280 | 19-Nov | 425 | 1279 |
| 20-Feb | 131 | 1480 | 21-May | 13 | 5338 | 20-Aug | 1920 | 250 | 20-Nov | 385 | 1337 |
| 21-Feb | 125 | 1521 | 22-May | 12 | 5514 | 21-Aug | 2400 | 245 | 21-Nov | 380 | 1349 |
| 22-Feb | 130 | 1532 | 23-May | 11 | 5128 | 22-Aug | 5000 | 180 | 22-Nov | 375 | 1361 |
| 23-Feb | 123 | 1605 | 24-May | 12 | 5070 | 23-Aug | 5200 | 160 | 23-Nov | 360 | 1399 |
| 24-Feb | 115 | 1655 | 25-May | 15 | 5369 | 24-Aug | 5800 | 283 | 24-Nov | 340 | 1558 |
| 25-Feb | 105 | 1738 | 26-May | 15 | 5220 | 25-Aug | 7500 | 287 | 25-Nov | 332 | 1611 |
| 26-Feb | 100 | 1781 | 27-May | 14 | 5270 | 26-Aug | 5800 | 323 | 26-Nov | 330 | 1575 |
| 27-Feb | 101 | 1733 | 28-May | 15 | 5165 | 27-Aug | 4600 | 346 | 27-Nov | 335 | 1476 |
| 28-Feb | 95 | 2388 | 29-May | 14 | 5590 | 28-Aug | 3800 | 355 | 28-Nov | 335 | 1505 |
| 1-Mar | 69 | 2973 | 30-May | 15 | 5170 | 29-Aug | 3400 | 371 | 29-Nov | 315 | 1546 |
| 2-Mar | 50 | 3256 | 31-May | 14 | 5294 | 30-Aug | 3300 | 461 | 30-Nov | 310 | 1637 |
| 3-Mar | 45 | 4334 | 1-Jun | 14 | 5562 | 31-Aug | 2300 | 578 | 1-Dec | 310 | 1606 |
| 4-Mar | 41 | 4460 | 2-Jun | 14 | 5615 | 1-Sep | 1700 | 740 | 2-Dec | 290 | 1679 |
| 5-Mar | 40 | 4399 | 3-Jun | 13 | 5691 | 2-Sep | 1230 | 903 | 3-Dec | 375 | 1189 |
| 6-Mar | 41 | 4330 | 4-Jun | 13 | 5809 | 3-Sep | 1000 | 1059 | 4-Dec | 670 | 622 |
| 7-Mar | 40 | 4174 | 5-Jun | 13 | 5817 | 4-Sep | 800 | 1192 | 5-Dec | 1500 | 219 |
| 8-Mar | 46 | 4277 | 6-Jun | 13 | 5827 | 5-Sep | 650 | 1320 | 6-Dec | 3035 | 223 |
| 9-Mar | 40 | 4504 | 7-Jun | 11 | 5070 | 6-Sep | 550 | 1549 | 7-Dec | 3500 | 281 |
| 10-Mar | 41 | 4403 | 8-Jun | 11 | 5083 | 7-Sep | 460 | 1858 | 8-Dec | 2300 | 315 |
| 11-Mar | 42 | 4471 | 9-Jun | 10 | 5106 | 8-Sep | 400 | 2023 | 9-Dec | 1800 | 370 |
| 12-Mar | 39 | 4581 | 10-Jun | 10 | 5459 | 9-Sep | 350 | 2273 | 10-Dec | 1500 | 430 |
| 13-Mar | 39 | 4688 | 11-Jun | 10 | 5508 | 10-Sep | 310 | 2452 | 11-Dec | 1260 | 495 |
| 14-Mar | 38 | 4772 | 12-Jun | 9 | 5365 | 11-Sep | 294 | 2684 | 12-Dec | 1150 | 556 |
| 15-Mar | 38 | 4529 | 13-Jun | 9 | 5524 | 12-Sep | 260 | 3643 | 13-Dec | 1070 | 601 |
| 16-Mar | 35 | 4546 | 14-Jun | 9 | 5038 | 13-Sep | 400 | 993 | 14-Dec | 1005 | 663 |
| 17-Mar | 37 | 4550 | 15-Jun | 9 | 5159 | 14-Sep | 580 | 712 | 15-Dec | 950 | 728 |
| 18-Mar | 36 | 4768 | 16-Jun | 9 | 5550 | 15-Sep | 500 | 816 | 16-Dec | 860 | 781 |
| 19-Mar | 37 | 4694 | 17-Jun | 8 | 5535 | 16-Sep | 450 | 967 | 17-Dec | 862 | 846 |
| 20-Mar | 38 | 4653 | 18-Jun | 9 | 5418 | 17-Sep | 410 | 1176 | 18-Dec | 800 | 892 |
| 21-Mar | 35 | 4656 | 19-Jun | 9 | 5358 | 18-Sep | 370 | 1313 | 19-Dec | 750 | 949 |
| 22-Mar | 34 | 4862 | 20-Jun | 9 | 5467 | 19-Sep | 335 | 1497 | 20-Dec | 690 | 1025 |
| 23-Mar | 33 | 4969 | 21-Jun | 10 | 4450 | 20-Sep | 520 | 527 | 21-Dec | 650 | 1044 |
| 24-Mar | 39 | 4444 | 22-Jun | 10 | 4487 | 21-Sep | 1400 | 266 | 22-Dec | 620 | 1053 |
| 25-Mar | 38 | 4423 | 23-Jun | 140 | 585 | 22-Sep | 2200 | 285 | 23-Dec | 600 | 1088 |
| 26-Mar | 35 | 4318 | 24-Jun | 40 | 1364 | 23-Sep | 2000 | 288 | 24-Dec | 570 | 1124 |
| 27-Mar | 42 | 4162 | 25-Jun | 15 | 3021 | 24-Sep | 1400 | 383 | 25-Dec | 535 | 1138 |
| 28-Mar | 38 | 4518 | 26-Jun | 51 | 1676 | 25-Sep | 900 | 518 | 26-Dec | 520 | 1163 |
| 29-Mar | 37 | 4621 | 27-Jun | 30 | 3499 | 26-Sep | 750 | 650 | 27-Dec | 490 | 1194 |
| 30-Mar | 37 | 4488 | 28-Jun | 20 | 808 | 27-Sep | 660 | 771 | 28-Dec | 465 | 1194 |
| 31-Mar | 35 | 4546 | 29-Jun | 55 | 1299 | 28-Sep | 550 | 883 | 29-Dec | 455 | 1217 |
| | | | 30-Jun | 70 | 1218 | 29-Sep | 500 | 1024 | 30-Dec | 460 | 1111 |
| | | | | | | 30-Sep | 480 | 1178 | 31-Dec | 525 | 926 |

WATER QUALITY DATA @ GERONIMO STATION

● RIVER FLOW CFS

— EC = us/cm



WATER QUALITY ACTIONS TAKEN BY G.V.I.D.

To facilitate the monitoring of the salinity and flows at the Geronimo Station on a monthly basis the “**Water Quality Injunction**” dated June 3, 1996, instructed the Gila Valley Irrigation District to report, to the Water Commissioner, any steps taken to improve the water quality in the Gila River. The **Injunction** instructed the Water Commissioner to report, in her yearly report, any actions reported by the Gila Valley Irrigation District.

The Commissioner’s Office has not received letters for the months of January through December 2022, informing the Commissioner that no actions, other than the monitoring of the salinity at the head of the San Jose Canal and at the Geronimo Station were taken by the G.V.I.D to improve the water quality in the Gila River during the year 2022.

SMALL PARCELS AND NON-AGRICULTURAL USES

The Court’s Final Memorandum and Order filed on September 18, 1992, and the Phase IV Memorandum and Order filed April 14, 1995, ordered that a set of Rules and Regulations be adopted in regards to lands then being irrigated. The Rules and Regulations (**Regulations for Reporting and Auditing Lands “Then Being Irrigated”**) were adopted by the Court in its Order dated June 3, 1996, and was implemented on April 1, 1997.

Section 5.1 (e) SMALL PARCELS and NON-AGRICULTURAL USES (less than two (2) acres), with in the Regulations for Reporting and Auditing Lands “Then Being Irrigated,” requires the Commissioner to summarize and report the acres involved, as soon as can be done in a monthly report (January 2022), and in the annual report filed with the Court.

The following is a summary of the acres taken from the forms that were submitted for small parcel lands “TBI” in 2022.

| Location | Decreed Acres | Multiple use Acreage (lawns, trees, gardens, orchards & pastures) TBI | Yards Acres TBI | Garden Acres TBI | Orchard Acres TBI | Pasture Acres TBI | Commercial Acres TBI | TOTAL ACRES TBI |
|----------------------|---------------|---|-----------------|------------------|-------------------|-------------------|----------------------|-----------------|
| Duncan/Virden Valley | 41.13 | 7.74 | 13.29 | 0.00 | 0.00 | 0.00 | 0.00 | 21.03 |
| Safford Valley | 178.42 | 102.64 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 102.64 |
| Lower Valley SCIDD | 19.20 | 4.11 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 5.11 |
| TOTAL | 238.75 | 114.49 | 13.29 | 0.00 | 0.00 | 1.00 | 0.00 | 128.78 |

The percent of Small Parcel TBI decreed lands irrigated in 2022 was 53.9 percent of the total Small Parcel decreed lands submitted to the Commissioner’s Office in 2022.

1 **Patricia A. Doyle**
2 **GILA WATER COMMISSIONER**
3 **P.O. Box 152**
4 **Safford, AZ 85548**
5 **Telephone (928) 428-3220**

6 **UNITED STATES DISTRICT COURT**
7 **FOR THE DISTRICT OF ARIZONA**

8
9 United States of America,
10 Plaintiff, and
11 Gila River Indian Community,
12 Plaintiff in Intervention and
13 San Carlos Apache Tribe,
14 Plaintiff in Intervention,
15 vs.
16 Gila Valley I, et al.,
17 Defendants.

)
) **Case No.: CV31-59-TUC-SHR**
) **(a/k/a Globe Equity No. 59)**
) **(Assigned to Hon. Scott H. Rash)**
) **Report of Gila Water Commissioner of**
) **Actions Taken to Resolve Violations of**
) **“Then Being Irrigated (TBI) of**
) **Regulations in Calendar Year 2022**

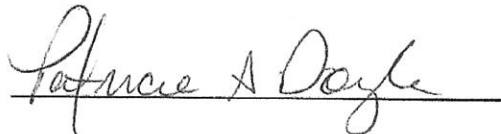
18
19
20 The Court in its Final Memorandum and Order dated September 18, 1992 and
21 Phase IV Memorandum and Order dated April 14, 1995, ordered that TBI regulations be
22 adopted. The TBI Regulations were approved and adopted by the court by order dated
23 June 3, 1996. These Regulations require the Gila Water Commissioner to conduct
24 periodic audits of lands under the Gila Decree to determine if any violations of the
25 Regulations have occurred. The Commissioner is authorized by the regulations to

1 informally resolve violations as outlined in Section 4.1 of the Regulations. Pursuant to
2 the Regulations the Commissioner shall file with the Court a written summation of the
3 actions taken by the Commissioner to resolve such violations and the penalty assessed
4 and consented to and shall include the summation in the Monthly Report next filed with
5 the Court and in the Annual Report filed with the Court.

6 Pursuant to the Commissioner's audit of lands under the Gila Decree, violations of the
7 TBI regulations in calendar year 2022 were determined and resolved as follows:

8 SEE ATTACHMENT "A" FOR SUMMATION OF VIOLATIONS AND
9 RESOLUTIONS THEREOF:

10 Respectfully submitted this 29th day of March 2023.

11 
12 _____

13 Patricia A. Doyle
14 Gila Water Commissioner

15
16
17
18
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20
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22
23
24
25

Attachment "A"

Pursuant to the Gila Water Commissioner's TBI audit procedure, the following is a summary of the results of the audit and investigation by the Gila Water Commissioner's Office of the apparent violations and the findings and action taken by the Commissioner for 2022:

Franklin Valley Irrigation District (FID):

| | |
|---|----------|
| 2022 Decreed acreage reported: | 6,723.06 |
| 2022TBI acreage reported: | 4,384.95 |
| TBI acreage audited: | 1,171.06 |
| Percentage of TBI acreage audited for 2022: | 26.71% |
| Crop Audit conducted twice annually | 100% |

2022 Pivots:

| | |
|--|-----------------------------------|
| Parcel 50035004 Viriden Rd. NW 4SE4 of SEC 20 | Affidavit Letter, No Violation |
| 600-25-005B | Affidavit Letter, No Violation |
| 19S 21W 13 (NENE) | Affidavit Letter, No Violation |
| 19S 20W 07 (SWSW) | Affidavit Letter, No Violation |
| 19S 21W 3 (NWNW) | Affidavit Letter, No Violation |
| 19S 21W 04 (NENE) | Affidavit Letter, No Violation |
| 19S 21W 4 (NESW & SWNW) | Affidavit Letter, No Violation |

The Commissioner's investigation resulted in:

TWP:8, RNG:32, SEC:33 acres in possible violation 32.2. Owner/Farmer provided letter of clarification. Not Planted due to flooding & labor shortage. Violation resolved.

Audit resulted in 0.00 acres in possible violation.

Gila Valley Irrigation District (GVID):

| | |
|---|-----------|
| 2022 Decreed acreage reported: | 31,344.58 |
| 2022 TBI acreage reported: | 22,128.11 |
| TBI acreage audited: | 3,212.13 |
| Percentage of TBI acreage audited for 2022: | 14.52% |
| Crop Audit conducted twice annually | 100% |

The Commissioner's investigation resulted in:

TWP:7, RNG:26, SEC:9 acres in possible violation 19.40. Owner/Farmer provided letter of clarification. Planted late due to flooding. Violation resolved.

Audit resulted in 0.00 acres in possible violation.

San Carlos Irrigation & Drainage District (SCIDD):

| | |
|---|-----------|
| 2022 Decreed acreage reported: | 50,000.00 |
| 2022 TBI Acreage reported: | 10,752.55 |
| TBI acreage audited: | 1,884.63 |
| Percentage of TBI acreage audited for 2022: | 17.53% |

Audit resulted in 0.00 acres in possible violation.

Gila River Indian community (GRIC):

| | |
|---|-----------|
| 2022 Decreed acreage reported: | 50,546.00 |
| 2022 TBI acreage reported: | 14,258.78 |
| TBI acreage audited: | 6,167.82 |
| Percentage of TBI acreage audited for 2022: | 43.26% |

Audit resulted in 0.00 acres in possible violation.

San Carlos Apache Tribe (SCAR):

| | |
|---|----------|
| 2022 Decreed acreage reported: | 1,000.00 |
| 2022 TBI acreage reported: | 71.00 |
| TBI acreage audited: | 71.00 |
| Percentage of TBI acreage audited for 2022: | 100% |

Audit resulted in 0.00 acres in possible violation.

Alissa Macias 3/23/23
Alissa Macias Date
Water Specialist II

Patricia A. Doyle 3/29/23
Patricia A. Doyle Date
Water Commissioner

2022

SIGNIFICANT COURT ORDERS

Note: For a complete list of court orders, parties should access the Court's Docket for Case No. CV-31-0059-TUC-SHR which can be found at <http://www.azd.uscourts.gov/>

Date of Order

Order

1/5/2022 Globe Equity - 8425 - Order approving DFB fees.

1/13/2022 Order approving GWC 2022 Budget.

3/7/2022 Globe Equity - 8443 - Order approving DFB fees.

5/6/2022 Order Extending Deadline for Briefing on Defendants Motion to Stay Proceedings.

5/18/2022 Order setting date for Objections on Attorney Fees.

6/1/2022 Globe Equity - 8466 - Order approving DFB fees first quarter.

7/1/2022 Globe Equity - 8478 - Order granting motion to abandon.

7/5/2022 Order Setting Deadline to object to GWC Petition to Increase Hourly Billing Rate for Commissioner's Attorney.

8/1/2022 20-CV-103 - 359 - Order re attorney's fees and costs.

9/7/2022 Globe Equity - 8498 - Order approving DFB fees.

9/30/2022 Order Granting GWC Motion for Approval of Fee Change in Use Applications.

9/30/2022 Order to Approve 2021 and 2022 Yearly Reports of Global Equity Water Rights Database.

11/7/2022 Order setting date for Objections on Attorney Fees.

12/20/2022 Equity - 8512 - Order setting objection date on budget.

2022
FINANCIAL STATEMENT
WATER COMMISSIONER'S ACCOUNT
RECEIPTS

| <u>Plaintiffs</u> | General | Settlement | Totals | |
|---------------------------------|----------------------|-----------------------|----------------------|---------------------|
| San Carlos Irrigation Project | \$513,515.22 | \$60,233.40 | \$573,748.62 | |
| San Carlos Agency | \$5,030.00 | - | \$5,030.00 | |
| Gila Crossing | \$15,052.28 | \$1,765.58 | \$16,817.86 | |
| | <u>\$ 533,597.50</u> | <u>\$ 61,998.98</u> | <u>\$ 595,596.48</u> | \$595,596.48 |
| <u>Defendants</u> | | | | |
| Gila Valley Irrigation District | \$152,735.04 | \$17,915.24 | \$170,650.28 | |
| Franklin Irrigation District | \$15,065.91 | \$1,767.17 | \$16,833.08 | |
| Sunset Ditch Company | \$12,069.74 | \$1,415.73 | \$13,485.47 | |
| New Model Canal Company | \$2,093.49 | \$245.56 | \$2,339.05 | |
| ASARCO | \$1,967.68 | - | \$1,967.68 | |
| Town of Kearny | \$511.70 | - | \$511.70 | |
| York Valley & Winkelman Valley | \$1,035.22 | - | \$1,035.22 | |
| | <u>\$185,478.78</u> | <u>\$21,343.70</u> | <u>\$206,822.48</u> | \$206,822.48 |
| Miscellaneous Receipts | | | \$0.00 | |
| Interest Income | \$180.83 | | \$180.83 | |
| Sever & Transfers | \$1,750.00 | | \$1,750.00 | |
| Supplemental Reports | \$50.00 | | \$50.00 | |
| Esri Refund | | | \$0.00 | |
| | <u>\$1,980.83</u> | | <u>\$1,980.83</u> | \$1,980.83 |
| | | <u>Total Receipts</u> | | <u>\$804,399.79</u> |

DISBURSEMENTS

| <u>Personnel</u> | General | Settlement | Totals | |
|---|---------------------|----------------------------|---------------------|-----------------------|
| Patricia A. Doyle | \$103,297.11 | \$8,000.00 | \$111,297.11 | |
| Paul Curtis | \$84,163.49 | \$15,000.00 | \$99,163.49 | |
| Casey Windsor | \$62,592.00 | \$10,500.00 | \$73,092.00 | |
| Alissa Macias | \$55,824.00 | \$7,500.00 | \$63,324.00 | |
| Brad Smith | \$26,824.00 | \$5,250.00 | \$32,074.00 | \$378,950.60 |
| <u>Employer taxes and contributions</u> | | | | |
| Federal Unemployment Tax | \$37,946.00 | | \$37,946.00 | |
| Medicare | \$5,521.70 | | \$5,521.70 | |
| Social Security | \$23,610.03 | | \$23,610.03 | |
| AZ Withholding | \$10,984.70 | | \$10,984.70 | |
| Contingency fund adjustment taxes | \$178.23 | | \$178.23 | \$78,240.66 |
| <u>Overtime Weekend</u> | | | | |
| Casey Windsor | \$3,410.23 | | \$3,410.23 | |
| Alissa Macias | \$2,900.12 | | \$2,900.12 | |
| Brad Smith | \$796.33 | | \$796.33 | |
| | <u>7,106.68</u> | | <u>\$7,106.68</u> | \$7,106.68 |
| <u>Employee Benefit Plan</u> | | | | |
| Retirement | \$2,469.35 | | \$2,469.35 | |
| Medical Insurance | \$81,997.77 | | \$81,997.77 | |
| Copper Point Workman's Comp | \$9,214.00 | | \$9,214.00 | |
| Yearly Pension Plan Administration | \$1,714.46 | | \$1,714.46 | |
| | <u>\$95,395.58</u> | | <u>\$95,395.58</u> | \$95,395.58 |
| <u>Travel plus Allowance</u> | | | | |
| Patricia A. Doyle | \$1,600.00 | \$0.00 | \$1,600.00 | |
| Paul Curtis | \$1,830.80 | \$167.73 | \$1,998.53 | |
| Casey Windsor | \$2,108.36 | \$35.81 | \$2,144.17 | |
| Alissa Macias | \$1,984.10 | \$608.84 | \$2,592.94 | |
| Brad Smith | \$1,918.27 | \$441.26 | \$2,359.53 | |
| | <u>\$9,441.53</u> | <u>\$1,253.64</u> | <u>\$10,695.17</u> | \$10,695.17 |
| <u>Attorney Fees</u> | | | | |
| Doug Behm | \$181,682.05 | | \$181,682.05 | \$181,682.05 |
| <u>Geronimo Station expenses</u> | | | | |
| Joint Funding (Stream flow records) | \$12,750.30 | \$0.00 | \$12,750.30 | |
| | <u>\$154,800.00</u> | | <u>\$154,800.00</u> | |
| <u>University of Arizona</u> | | | | |
| | | \$2,600.00 | \$2,600.00 | \$170,150.30 |
| <u>Capital Purchases</u> | | | | |
| Computer and Software | \$17,403.28 | \$0.00 | \$17,403.28 | |
| Database | \$3,054.80 | \$2,903.46 | \$5,958.26 | |
| | <u>\$20,458.08</u> | <u>\$2,903.46</u> | <u>\$23,361.54</u> | \$23,361.54 |
| <u>Expenses</u> | | | | |
| Communications | \$1,867.85 | | \$1,867.85 | |
| Insurance & Bonds | \$5,545.43 | | \$5,545.43 | |
| Office Expenses | \$19,884.93 | \$52.85 | \$19,937.78 | |
| Field Expenses | \$707.42 | \$31.97 | \$739.39 | |
| Rent and Utilities | \$16,163.30 | \$9,199.96 | \$25,363.26 | |
| Contingency Fund | \$0.00 | \$0.00 | \$0.00 | |
| | <u>\$44,168.93</u> | <u>\$9,284.78</u> | <u>\$53,453.71</u> | \$53,453.71 |
| | | <u>Total Disbursements</u> | | <u>\$999,036.29</u> |
| | | <u>Total Receipts</u> | | <u>\$804,399.79</u> |
| | | <u>Total Remaining</u> | | <u>(\$194,636.50)</u> |

Land Use Audits 2022

1 **Patricia A. Doyle**
2 **GILA WATER COMMISSIONER**
3 **P.O. Box 152**
4 **Safford, AZ 85548**
5 **Telephone (928) 428-3220**

6 **UNITED STATES DISTRICT COURT**
7 **FOR THE DISTRICT OF ARIZONA**

9 United States of America,
10 Plaintiff, and
11 Gila River Indian Community,
12 Plaintiff in Intervention and
13 San Carlos Apache Tribe,
14 Plaintiff in Intervention,
15 vs.
16 Gila Valley I, et al.,
17 Defendants.

Case No.: CV31-59-TUC-SHR
(a/k/a Globe Equity No. 59)
(Assigned to Hon. Scott H. Rash)
Report of Gila Water Commissioner of
Actions Taken to Resolve Violations of
“Then Being Irrigated (TBI) of
Regulations in Calendar Year 2022


18
19
20 The Court in its Final Memorandum and Order dated September 18, 1992 and
21 Phase IV Memorandum and Order dated April 14, 1995, ordered that TBI regulations be
22 adopted. The TBI Regulations were approved and adopted by the court by order dated
23 June 3, 1996. These Regulations require the Gila Water Commissioner to conduct
24 periodic audits of lands under the Gila Decree to determine if any violations of the
25 Regulations have occurred. The Commissioner is authorized by the regulations to

1 informally resolve violations as outlined in Section 4.1 of the Regulations. Pursuant to
2 the Regulations the Commissioner shall file with the Court a written summation of the
3 actions taken by the Commissioner to resolve such violations and the penalty assessed
4 and consented to and shall include the summation in the Monthly Report next filed with
5 the Court and in the Annual Report filed with the Court.

6 Pursuant to the Commissioner's audit of lands under the Gila Decree, violations of the
7 TBI regulations in calendar year 2022 were determined and resolved as follows:

8 SEE ATTACHMENT "A" FOR SUMMATION OF VIOLATIONS AND
9 RESOLUTIONS THEREOF:

10 Respectfully submitted this 29th day of March 2023.

11 
12

13 Patricia A. Doyle
14 Gila Water Commissioner
15
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Attachment "A"

Pursuant to the Gila Water Commissioner's TBI audit procedure, the following is a summary of the results of the audit and investigation by the Gila Water Commissioner's Office of the apparent violations and the findings and action taken by the Commissioner for 2022:

Franklin Valley Irrigation District (FID):

| | |
|---|----------|
| 2022 Decreed acreage reported: | 6,723.06 |
| 2022TBI acreage reported: | 4,384.95 |
| TBI acreage audited: | 1,171.06 |
| Percentage of TBI acreage audited for 2022: | 26.71% |
| Crop Audit conducted twice annually | 100% |

2022 Pivots:

| | |
|--|-----------------------------------|
| Parcel 50035004 Viriden Rd. NW 4SE4 of SEC 20 | Affidavit Letter, No Violation |
| 600-25-005B | Affidavit Letter, No Violation |
| 19S 21W 13 (NENE) | Affidavit Letter, No Violation |
| 19S 20W 07 (SWSW) | Affidavit Letter, No Violation |
| 19S 21W 3 (NWNW) | Affidavit Letter, No Violation |
| 19S 21W 04 (NENE) | Affidavit Letter, No Violation |
| 19S 21W 4 (NESW & SWNW) | Affidavit Letter, No Violation |

The Commissioner's investigation resulted in:

TWP:8, RNG:32, SEC:33 acres in possible violation 32.2. Owner/Farmer provided letter of clarification. Not Planted due to flooding & labor shortage. Violation resolved.

Audit resulted in 0.00 acres in possible violation.

Gila Valley Irrigation District (GVID):

| | |
|---|-----------|
| 2022 Decreed acreage reported: | 31,344.58 |
| 2022 TBI acreage reported: | 22,128.11 |
| TBI acreage audited: | 3,212.13 |
| Percentage of TBI acreage audited for 2022: | 14.52% |
| Crop Audit conducted twice annually | 100% |

The Commissioner's investigation resulted in:

TWP:7, RNG:26, SEC:9 acres in possible violation 19.40. Owner/Farmer provided letter of clarification. Planted late due to flooding. Violation resolved.

Audit resulted in 0.00 acres in possible violation.

San Carlos Irrigation & Drainage District (SCIDD):

| | |
|---|-----------|
| 2022 Decreed acreage reported: | 50,000.00 |
| 2022 TBI Acreage reported: | 10,752.55 |
| TBI acreage audited: | 1,884.63 |
| Percentage of TBI acreage audited for 2022: | 17.53% |

Audit resulted in 0.00 acres in possible violation.

Gila River Indian community (GRIC):

| | |
|---|-----------|
| 2022 Decreed acreage reported: | 50,546.00 |
| 2022 TBI acreage reported: | 14,258.78 |
| TBI acreage audited: | 6,167.82 |
| Percentage of TBI acreage audited for 2022: | 43.26% |

Audit resulted in 0.00 acres in possible violation.

San Carlos Apache Tribe (SCAR):

| | |
|---|----------|
| 2022 Decreed acreage reported: | 1,000.00 |
| 2022 TBI acreage reported: | 71.00 |
| TBI acreage audited: | 71.00 |
| Percentage of TBI acreage audited for 2022: | 100% |

Audit resulted in 0.00 acres in possible violation.

Alissa Macias

Alissa Macias
Water Specialist II

3/23/23

Date

Patricia A. Doyle

Patricia A. Doyle
Water Commissioner

3/29/23

Date

CALENDAR YEAR 2022

GILA RIVER DECREED ACREAGES AND DIVERSIONS

| <u>DUNCAN VALLEY CANALS</u> | <u>Acreages</u> | <u>TBI Acres</u> | <u>Acre-feet</u> | <u>T B I a-f/a</u> |
|-----------------------------|-----------------|------------------|------------------|--------------------|
| Sunset | 2,759.90 | 2,215.99 | 3,853 | 1.74 |
| New Model Valley | 2,576.31 | 1,469.16 | 933 | 0.64 |
| Colmenero | 1,386.85 | 699.80 | 1,466 | 2.09 |
| Sexton | 441.00 | 0.00 | 0 | 0.00 |
| R. Sexton | 137.90 | 0.00 | 0 | 0.00 |
| York | 144.10 | 0.00 | 0 | 0.00 |
| Albert | 315.10 | 0.00 | 0 | 0.00 |
| F E Ross | 8.80 | 0.00 | 0 | 0.00 |
| R K Davis | 11.60 | 0.00 | 0 | 0.00 |
| J H Brown | 26.30 | 0.00 | 0 | 0.00 |
| York Cattle | 25.60 | 0.00 | 0 | 0.00 |
| Laura Short | 49.80 | 0.00 | 0 | 0.00 |
| | 36.50 | 0.00 | 0 | 0.00 |
| Totals | 7,919.76 | 4,384.95 | 6,252 | 1.43 |

Monthly modification of T.B.I. Acres are shown on diversion plates.

SAFFORD VALLEY DIVERSIONS

| | | | | |
|--------------------|------------------|------------------|---------------|-------------|
| Consolidated Brown | 1,311.28 | 834.60 | 2,186 | 2.62 |
| Fourness | 210.70 | 161.40 | 302 | 1.87 |
| San Jose | 4,119.58 | 3,237.03 | 8,897 | 2.75 |
| Montezuma | 4,715.78 | 3,122.86 | 7,648 | 2.45 |
| Union | 7,191.72 | 4,673.54 | 13,237 | 2.83 |
| Graham | 4,102.49 | 3,412.96 | 4,812 | 1.41 |
| Smithville | 2,383.00 | 1,961.62 | 3,259 | 1.66 |
| Dodge-Nevada | 2,516.54 | 1,876.00 | 2,596 | 1.38 |
| Curtis | 1,971.70 | 1,577.00 | 3,831 | 2.43 |
| Fort Thomas | 2,615.89 | 1,271.10 | 2,747 | 2.16 |
| Colvin-Jones | 205.90 | 0.00 | 0 | 0.00 |
| Totals | 31,344.58 | 22,128.11 | 49,515 | 2.24 |

Monthly modification of T.B.I. Acres are shown on diversion plates.

SAN CARLOS APACHE RESERVATION

| | | | | |
|----------------------|-----------------|--------------|------------|----------------|
| Black Point | 142.00 | 0.00 | 0 | #DIV/0! |
| Bylas (Navajo Point) | 180.00 | 0.00 | 0 | #DIV/0! |
| Anderson Flat | 180.00 | 71.00 | 116 | 1.63 |
| Non-designated lands | 498.00 | 0.00 | 0 | 0.00 |
| Totals | 1,000.00 | 71.00 | 116 | #DIV/0! |

Monthly modification of T.B.I. Acres are shown on diversion plates.

WINKELMAN VALLEY

| | | | | |
|--|-----------------|---------------|--------------|-------------|
| Industrial/Municipal (ASARCO) ⁽¹⁾ | 793.00 | 793.00 | 5,807 | |
| Domestic/Municipal (Kearny, Arizona) | 101.73 | 101.73 | 279 | 2.74 |
| Farmlands | 244.16 | 0.00 | 0 | |
| J J Anderson | 196.27 | 0.00 | 0 | |
| Totals | 1,335.16 | 894.73 | 6,086 | 2.74 |

Monthly modification of T.B.I. Acres are shown on diversion plates.

| <u>UNITED STATES OF AMERICA</u> | <u>Acreages</u> | <u>T B I Acres</u> | | <u>Acre-feet</u> | <u>Decreed Duty a-f/a</u> | <u>TBI Duty a-f/a</u> |
|--|-------------------|--------------------|-----------|------------------|---------------------------|-----------------------|
| Indian lands (Alloted/Tribal): | 50,000.00 | 14,258.78 | Nat. flow | 21,113 | 0.42 | 1.48 |
| Federal Agencies | 546.00 | 0.00 | Stored | 7,467 | 0.14 | 0.52 |
| | 50,546.00 | 14,258.78 | | 28,580 | 0.57 | 2.00 |
| White Lands: | | | | | | |
| San Carlos Irrigation & Drainage Dist. | 50,000.00 | 10,224.55 | Nat. flow | 25,684 | 0.51 | 2.51 |
| | | | Stored | 19,393 | 0.39 | 1.90 |
| | 50,000.00 | 10,224.55 | | 45,077 | 0.9 | 4.41 |
| Natural Flow Lands | 1,544.50 | 528.00 | | 71 | 0.05 | 0.13 |
| | 51,544.50 | 10,752.55 | | 45,148 | 0.88 | 4.20 |
| Totals | 102,090.50 | 25,011.33 | | 73,728 | 0.72 | 2.95 |
| | 102,090.50 | 25,011.33 | Nat. flow | 46,868 | 0.46 | 1.87 |
| | 100,546.00 | 25,011.33 | Stored | 26,860 | 0.26 | 1.07 |

Diversions from Picacho Reservoir are reflected above.

⁽¹⁾ Entitled to annual diversion of 16,221 acre-feet. (Article IX, et al 59)

**SAN CARLOS APACHE TRIBE FARM REPORT
2022**

Anderson Flat

This annual farm report by the GWC is pursuant to the Courts Water Quality Injunction filed on June 3, 1998.
All data reported is supplied by the San Carlos Apache Tribe unless shown otherwise.

| Month | Field No | Crop | Date Planted | Acres Planted (TBI) | Dates Irrigated (From-To) | Gila River Diversions (ac-ft) | Average Water Quality (uS/cm) | Tribal Wells (ac-ft) | Water Quality (uS/cm) | Combined River & Wells | Comments or Unusual Problems |
|-------|----------|------|--------------|---------------------|---------------------------|-------------------------------|-------------------------------|----------------------|-----------------------|------------------------|-----------------------------------|
| Jan | 1047 | None | | 0.00 | | | | | | | No Farm Reports Received for 2022 |
| | 1048 | None | | 0.00 | | | | | | | |
| | 1049 | None | | 0.00 | | | | | | | |
| Feb | 1047 | None | | 0.00 | | | | | | | No Farm Reports Received for 2022 |
| | 1048 | None | | 0.00 | | | | | | | |
| | 1049 | None | | 0.00 | | | | | | | |
| Mar | 1047 | None | | 0.00 | | | | | | | No Farm Reports Received for 2022 |
| | 1048 | None | | 0.00 | | | | | | | |
| | 1049 | None | | 0.00 | | | | | | | |
| Apr | 1047 | None | | 0.00 | | | | | | | No Farm Reports Received for 2022 |
| | 1048 | None | | 0.00 | | | | | | | |
| | 1049 | None | | 0.00 | | | | | | | |
| May | 1047 | None | | 0.00 | | | | | | | No Farm Reports Received for 2022 |
| | 1048 | None | | 0.00 | | | | | | | |
| | 1049 | None | | 0.00 | | | | | | | |
| June | 1047 | None | | 0.00 | | | | | | | No Farm Reports Received for 2022 |
| | 1048 | None | | 0.00 | | | | | | | |
| | 1049 | None | | 0.00 | | | | | | | |
| July | 1047 | None | | 0.00 | | | | | | | No Farm Reports Received for 2022 |
| | 1048 | None | | 0.00 | | | | | | | |
| | 1049 | None | | 0.00 | | | | | | | |
| Aug | 1047 | None | | 0.00 | | | | | | | No Farm Reports Received for 2022 |
| | 1048 | None | | 0.00 | | | | | | | |
| | 1049 | None | | 0.00 | | | | | | | |
| Sept | 1047 | None | | 0.00 | | | | | | | No Farm Reports Received for 2022 |
| | 1048 | None | | 0.00 | | | | | | | |
| | 1049 | None | | 0.00 | | | | | | | |
| Oct | 1047 | None | | 0.00 | | | | | | | No Farm Reports Received for 2022 |
| | 1048 | None | | 0.00 | | | | | | | |
| | 1049 | None | | 0.00 | | | | | | | |
| Nov | 1047 | None | | 0.00 | | | | | | | No Farm Reports Received for 2022 |
| | 1048 | None | | 0.00 | | | | | | | |
| | 1049 | None | | 0.00 | | | | | | | |
| Dec | 1047 | None | | 0.00 | | | | | | | No Farm Reports Received for 2022 |
| | 1048 | None | | 0.00 | | | | | | | |
| | 1049 | None | | 0.00 | | | | | | | |

**SAN CARLOS APACHE TRIBE FARM REPORT
2022**

Navajo Point

This annual farm report by the CWC is pursuant to the Courts Water Quality Injunction filed on June 3, 1998.
All data reported is supplied by the San Carlos Apache Tribe unless shown otherwise.

| Month | Field No | Crop | Date Planted | Acres Planted (TBI) | Dates Irrigated (From-To) | Gila River Diversions (ac-ft) | Water Quality (uS/cm) | Tribal Wells (ac-ft) | Water Quality (uS/cm) | Combined River & Wells | Comments or Unusual Problems |
|-----------|----------|------|--------------|---------------------|---------------------------|-------------------------------|-----------------------|----------------------|-----------------------|------------------------|-----------------------------------|
| Jan | 1041 | None | | 0.00 | | | | | | | No Farm Reports Received for 2022 |
| | 1043 | None | | 0.00 | | | | | | | |
| | 1044 | None | | 0.00 | | | | | | | |
| | 1045 | None | | 0.00 | | | | | | | |
| Feb | 1046 | None | | 0.00 | | | | | | | No Farm Reports Received for 2022 |
| | 1041 | None | | 0.00 | | | | | | | |
| | 1043 | None | | 0.00 | | | | | | | |
| | 1044 | None | | 0.00 | | | | | | | |
| Mar | 1045 | None | | 0.00 | | | | | | | No Farm Reports Received for 2022 |
| | 1046 | None | | 0.00 | | | | | | | |
| | 1041 | None | | 0.00 | | | | | | | |
| | 1043 | None | | 0.00 | | | | | | | |
| April | 1044 | None | | 0.00 | | | | | | | No Farm Reports Received for 2022 |
| | 1045 | None | | 0.00 | | | | | | | |
| | 1046 | None | | 0.00 | | | | | | | |
| | 1041 | None | | 0.00 | | | | | | | |
| May | 1043 | None | | 0.00 | | | | | | | No Farm Reports Received for 2022 |
| | 1044 | None | | 0.00 | | | | | | | |
| | 1045 | None | | 0.00 | | | | | | | |
| | 1046 | None | | 0.00 | | | | | | | |
| June | 1041 | None | | 0.00 | | | | | | | No Farm Reports Received for 2022 |
| | 1043 | None | | 0.00 | | | | | | | |
| | 1044 | None | | 0.00 | | | | | | | |
| | 1045 | None | | 0.00 | | | | | | | |
| July | 1046 | None | | 0.00 | | | | | | | No Farm Reports Received for 2022 |
| | 1041 | None | | 0.00 | | | | | | | |
| | 1043 | None | | 0.00 | | | | | | | |
| | 1044 | None | | 0.00 | | | | | | | |
| August | 1045 | None | | 0.00 | | | | | | | No Farm Reports Received for 2022 |
| | 1046 | None | | 0.00 | | | | | | | |
| | 1041 | None | | 0.00 | | | | | | | |
| | 1043 | None | | 0.00 | | | | | | | |
| September | 1044 | None | | 0.00 | | | | | | | No Farm Reports Received for 2022 |
| | 1045 | None | | 0.00 | | | | | | | |
| | 1046 | None | | 0.00 | | | | | | | |
| | 1041 | None | | 0.00 | | | | | | | |
| October | 1043 | None | | 0.00 | | | | | | | No Farm Reports Received for 2022 |
| | 1044 | None | | 0.00 | | | | | | | |
| | 1045 | None | | 0.00 | | | | | | | |
| | 1046 | None | | 0.00 | | | | | | | |
| November | 1041 | None | | 0.00 | | | | | | | No Farm Reports Received for 2022 |
| | 1043 | None | | 0.00 | | | | | | | |
| | 1044 | None | | 0.00 | | | | | | | |
| | 1045 | None | | 0.00 | | | | | | | |
| December | 1046 | None | | 0.00 | | | | | | | No Farm Reports Received for 2022 |
| | 1041 | None | | 0.00 | | | | | | | |
| | 1043 | None | | 0.00 | | | | | | | |
| | 1044 | None | | 0.00 | | | | | | | |

SAN CARLOS APACHE TRIBE FARM REPORT

2022

Black Point

This annual farm report by the GWC is pursuant to the Courts Water Quality Injunction filed on June 3, 1998.
All data reported is supplied by the San Carlos Apache Tribe unless shown otherwise.

| Month | Field No | Crop | Date Planted | Acres Planted (TBI) | Dates Irrigated (From-To) | Gila River Diversions (ac-ft) | Water Quality (uS/cm) | Tribal Wells (ac-ft) | Water Quality (uS/cm) | Combined River & Wells | Comments or Unusual Problems |
|-------|----------|------|--------------|---------------------|---------------------------|-------------------------------|-----------------------|----------------------|-----------------------|------------------------|-----------------------------------|
| Jan | 1021E | None | | 0.00 | | | | | | | No Farm Reports Received for 2022 |
| | 1021W | None | | 0.00 | | | | | | | |
| | 1022E | None | | 0.00 | | | | | | | |
| Feb | 1021E | None | | 0.00 | | | | | | | No Farm Reports Received for 2022 |
| | 1021W | None | | 0.00 | | | | | | | |
| | 1022E | None | | 0.00 | | | | | | | |
| Mar | 1021E | None | | 0.00 | | | | | | | No Farm Reports Received for 2022 |
| | 1021W | None | | 0.00 | | | | | | | |
| | 1022E | None | | 0.00 | | | | | | | |
| Apr | 1021E | None | | 0.00 | | | | | | | No Farm Reports Received for 2022 |
| | 1021W | None | | 0.00 | | | | | | | |
| | 1022E | None | | 0.00 | | | | | | | |
| May | 1021E | None | | 0.00 | | | | | | | No Farm Reports Received for 2022 |
| | 1021W | None | | 0.00 | | | | | | | |
| | 1022E | None | | 0.00 | | | | | | | |
| June | 1021E | None | | 0.00 | | | | | | | No Farm Reports Received for 2022 |
| | 1021W | None | | 0.00 | | | | | | | |
| | 1022E | None | | 0.00 | | | | | | | |
| July | 1021E | None | | 0.00 | | | | | | | No Farm Reports Received for 2022 |
| | 1021W | None | | 0.00 | | | | | | | |
| | 1022E | None | | 0.00 | | | | | | | |
| Aug | 1021E | None | | 0.00 | | | | | | | No Farm Reports Received for 2022 |
| | 1021W | None | | 0.00 | | | | | | | |
| | 1022E | None | | 0.00 | | | | | | | |
| Sept | 1021E | None | | 0.00 | | | | | | | No Farm Reports Received for 2022 |
| | 1021W | None | | 0.00 | | | | | | | |
| | 1022E | None | | 0.00 | | | | | | | |
| Oct | 1021E | None | | 0.00 | | | | | | | No Farm Reports Received for 2022 |
| | 1021W | None | | 0.00 | | | | | | | |
| | 1022E | None | | 0.00 | | | | | | | |
| Nov | 1021E | None | | 0.00 | | | | | | | No Farm Reports Received for 2022 |
| | 1021W | None | | 0.00 | | | | | | | |
| | 1022E | None | | 0.00 | | | | | | | |
| Dec | 1021E | None | | 0.00 | | | | | | | No Farm Reports Received for 2022 |
| | 1021W | None | | 0.00 | | | | | | | |
| | 1022E | None | | 0.00 | | | | | | | |

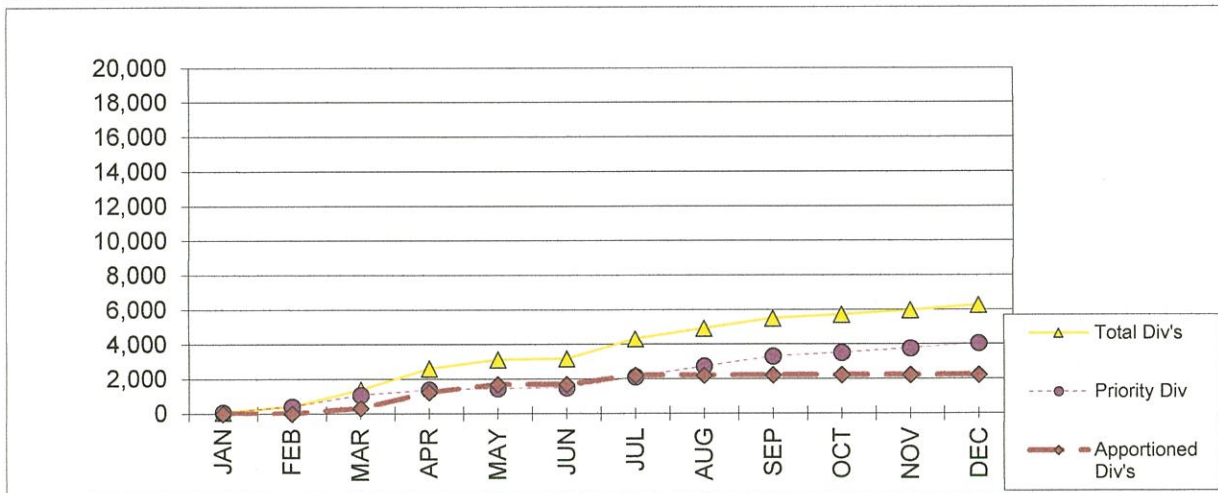
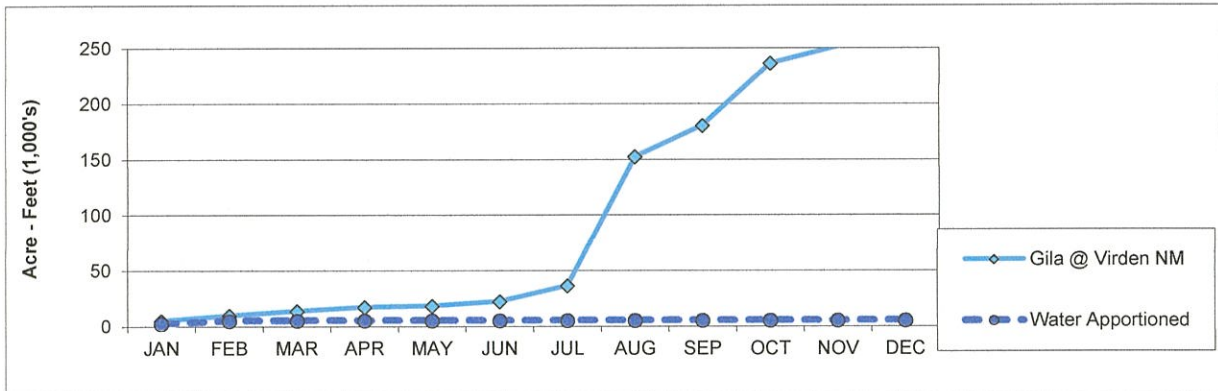
2022

MASS DIAGRAM OF DUNCAN VALLEY DIVERSIONS, APPORTIONMENTS, & RIVER FLOWS

In Acre-Feet

| Month | Monthly Gila River Below Blue Creek | Accumulated | | | | Water Apportioned |
|-------|-------------------------------------|-----------------------------|------------------|---------------------|------------------------|-------------------|
| | | Gila River Below Blue Creek | Total Diversions | Priority Diversions | Apportioned Diversions | |
| JAN | 5,039 | 5,039 | 70 | 70 | 0 | 2,427 |
| FEB | 4,748 | 9,787 | 404 | 401 | 3 | 5,068 |
| MAR | 4,044 | 13,831 | 1,375 | 1,071 | 304 | 5,230 |
| APR | 3,429 | 17,260 | 2,600 | 1,370 | 1,230 | 5,274 |
| MAY | 1,071 | 18,331 | 3,112 | 1,441 | 1,671 | 5,276 |
| JUN | 3,981 | 22,312 | 3,157 | 1,486 | 1,671 | 5,279 |
| JUL | 14,224 | 36,536 | 4,302 | 2,115 | 2,187 | 5,302 |
| AUG | 115,953 | 152,489 | 4,910 | 2,723 | 2,187 | 5,311 |
| SEP | 27,672 | 180,161 | 5,503 | 3,296 | 2,207 | 5,311 |
| OCT | 56,226 | 236,387 | 5,700 | 3,493 | 2,207 | 5,256 |
| NOV | 14,839 | 251,226 | 5,969 | 3,762 | 2,207 | 5,256 |
| DEC | 19,216 | 270,442 | 6,252 | 4,045 | 2,207 | 5,218 |

| Graph: | Gila near Virden, NM | Total Diversions | Priority Div's | Apportn'd Div's | Apportionments |
|--------|----------------------|------------------|----------------|-----------------|----------------|
|--------|----------------------|------------------|----------------|-----------------|----------------|

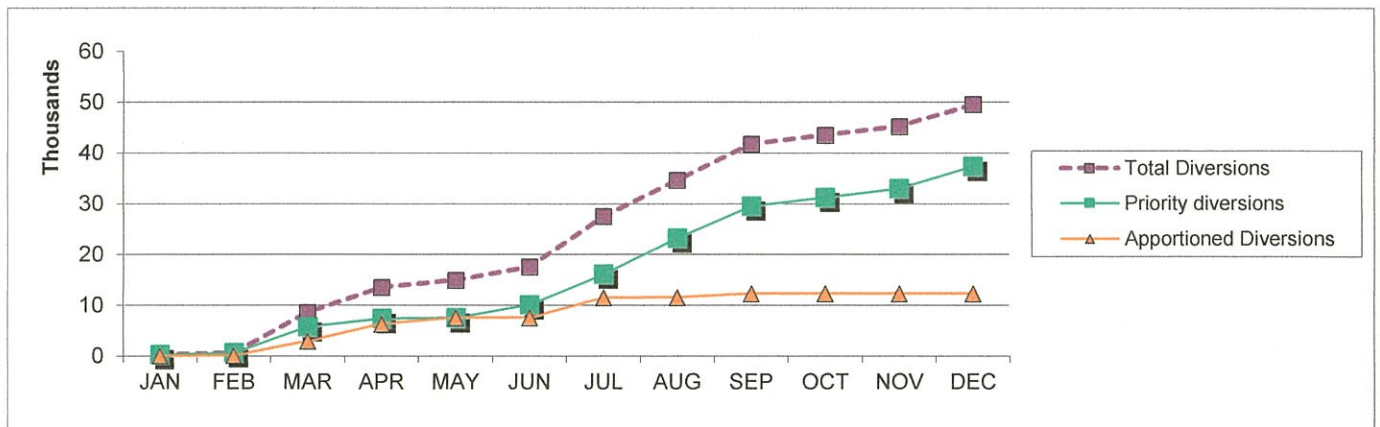
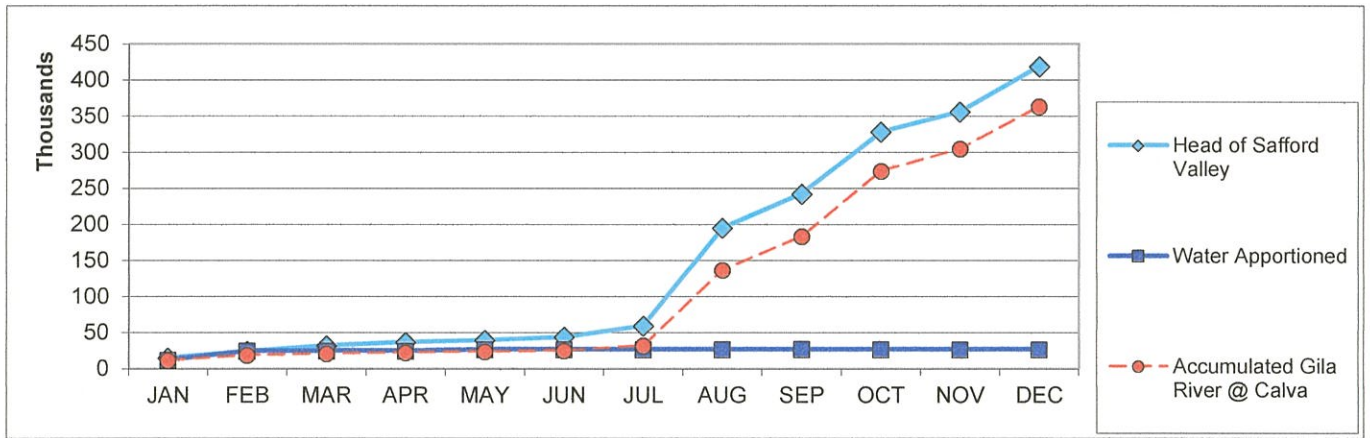


2022

MASS DIAGRAM OF SAFFORD VALLEY DIVERSIONS, APPORTIONMENTS, & RIVER FLOWS

In Acre-Feet

| Month | Monthly Gila River, Head of Safford Valley | Accumulated | | | Water Apportioned | Accumulated Gila River at Calva | Monthly Gila River at Calva |
|--------|--|------------------------------------|------------------|---------------------|-------------------|---------------------------------|-----------------------------|
| | | Gila River, Head of Safford Valley | Total Diversions | Priority Diversions | | | |
| JAN | 14,724 | 14,724 | 157 | 157 | | 11,607 | 11,607 |
| FEB | 9,088 | 23,812 | 568 | 529 | 39 | 18,698 | 7,091 |
| MAR | 8,077 | 31,889 | 8,506 | 5,613 | 2,893 | 20,900 | 2,202 |
| APR | 4,883 | 36,772 | 13,508 | 7,268 | 6,240 | 22,545 | 1,645 |
| MAY | 2,523 | 39,295 | 14,859 | 7,360 | 7,499 | 23,609 | 1,064 |
| JUN | 4,624 | 43,919 | 17,485 | 9,986 | 7,499 | 25,077 | 1,468 |
| JUL | 15,554 | 59,473 | 27,445 | 15,978 | 11,467 | 31,733 | 6,656 |
| AUG | 135,558 | 195,031 | 34,604 | 23,102 | 11,502 | 136,529 | 104,796 |
| SEP | 47,265 | 242,296 | 41,699 | 29,422 | 12,277 | 183,270 | 46,741 |
| OCT | 85,683 | 327,979 | 43,445 | 31,168 | 12,277 | 273,890 | 90,620 |
| NOV | 27,882 | 355,861 | 45,192 | 32,915 | 12,277 | 304,543 | 30,653 |
| DEC | 62,821 | 418,682 | 49,515 | 37,238 | 12,277 | 363,243 | 58,700 |
| Graph: | Gila at Head | Total Diversions | Priority Div's | Apportn'd Div's | Apportionments | Gila Calva | |



2022

CURTIS CANAL: 1,971.70 Acres

Mean daily diversions, cubic feet per second

Table with columns for months (JAN to JUN) and days (1-31). Rows include Total, Acre-feet, Priority Diverted, Apport Diverted, Apport diverted to date, TBI acreage, Apportioned, and Duty.

Table with columns for months (JUL to DEC) and days (1-31). Rows include Total, Acre-feet, Priority Diverted, Apport Diverted, Apport diverted to date, TBI acreage, Apportioned, and Duty.

Diversions from North side of Gla River in SW 1/4 SW 1/4, Sec. 7, T. 6S, R. 25E. Water-stage recorder and 6 ft Parshall flume located in NW 1/4 SE 1/4, Sec. 12, T. 6S, R. 24E.

Record Good

2022

COLVIN-JONES CANAL: 205.90 Acres

Mean daily diversions, cubic feet per second

| DAY | JAN | | | FEB | | | MAR | | | APR | | | MAY | | | JUN | | |
|-------------------------|-------|----------|--------|-------|----------|--------|-------|----------|--------|-------|----------|--------|-------|----------|--------|-------|----------|--------|
| | Total | Priority | Apport | Total | Priority | Apport | Total | Priority | Apport | Total | Priority | Apport | Total | Priority | Apport | Total | Priority | Apport |
| 1 | | | | | | | | | | | | | | | | | | |
| 2 | | | | | | | | | | | | | | | | | | |
| 3 | | | | | | | | | | | | | | | | | | |
| 4 | | | | | | | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | | | | | | | |
| 7 | | | | | | | | | | | | | | | | | | |
| 8 | | | | | | | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | |
| 11 | | | | | | | | | | | | | | | | | | |
| 12 | | | | | | | | | | | | | | | | | | |
| 13 | | | | | | | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | | | | | | | |
| 16 | | | | | | | | | | | | | | | | | | |
| 17 | | | | | | | | | | | | | | | | | | |
| 18 | | | | | | | | | | | | | | | | | | |
| 19 | | | | | | | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | | | | | | | |
| 21 | | | | | | | | | | | | | | | | | | |
| 22 | | | | | | | | | | | | | | | | | | |
| 23 | | | | | | | | | | | | | | | | | | |
| 24 | | | | | | | | | | | | | | | | | | |
| 25 | | | | | | | | | | | | | | | | | | |
| 26 | | | | | | | | | | | | | | | | | | |
| 27 | | | | | | | | | | | | | | | | | | |
| 28 | | | | | | | | | | | | | | | | | | |
| 29 | | | | | | | | | | | | | | | | | | |
| 30 | | | | | | | | | | | | | | | | | | |
| 31 | | | | | | | | | | | | | | | | | | |
| Total | | | | | | | | | | | | | | | | | | |
| Acre-feet | | | | | | | | | | | | | | | | | | |
| Priority Diverted | | | | | | | | | | | | | | | | | | |
| Apport Diverted | | | | | | | | | | | | | | | | | | |
| Apport diverted to date | | | | | | | | | | | | | | | | | | |
| TBI acreage | | | | | | | | | | | | | | | | | | |
| Apportioned | | | | | | | | | | | | | | | | | | |
| Duty | | | | | | | | | | | | | | | | | | |

| DAY | JUL | | | AUG | | | SEP | | | OCT | | | NOV | | | DEC | | | Totals | | |
|-------------------------|-------|----------|--------|-------|----------|--------|-------|----------|--------|-------|----------|--------|-------|----------|--------|-------|----------|--------|--------|--|--|
| | Total | Priority | Apport | Total | Priority | Apport | Total | Priority | Apport | Total | Priority | Apport | Total | Priority | Apport | Total | Priority | Apport | | | |
| 1 | | | | | | | | | | | | | | | | | | | | | |
| 2 | | | | | | | | | | | | | | | | | | | | | |
| 3 | | | | | | | | | | | | | | | | | | | | | |
| 4 | | | | | | | | | | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | | | | | | | | | | |
| 7 | | | | | | | | | | | | | | | | | | | | | |
| 8 | | | | | | | | | | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | | | | |
| 11 | | | | | | | | | | | | | | | | | | | | | |
| 12 | | | | | | | | | | | | | | | | | | | | | |
| 13 | | | | | | | | | | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | | | | | | | | | | |
| 16 | | | | | | | | | | | | | | | | | | | | | |
| 17 | | | | | | | | | | | | | | | | | | | | | |
| 18 | | | | | | | | | | | | | | | | | | | | | |
| 19 | | | | | | | | | | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | | | | | | | | | | |
| 21 | | | | | | | | | | | | | | | | | | | | | |
| 22 | | | | | | | | | | | | | | | | | | | | | |
| 23 | | | | | | | | | | | | | | | | | | | | | |
| 24 | | | | | | | | | | | | | | | | | | | | | |
| 25 | | | | | | | | | | | | | | | | | | | | | |
| 26 | | | | | | | | | | | | | | | | | | | | | |
| 27 | | | | | | | | | | | | | | | | | | | | | |
| 28 | | | | | | | | | | | | | | | | | | | | | |
| 29 | | | | | | | | | | | | | | | | | | | | | |
| 30 | | | | | | | | | | | | | | | | | | | | | |
| 31 | | | | | | | | | | | | | | | | | | | | | |
| Total | | | | | | | | | | | | | | | | | | | | | |
| Acre-feet | | | | | | | | | | | | | | | | | | | | | |
| Priority Diverted | | | | | | | | | | | | | | | | | | | | | |
| Apport Diverted | | | | | | | | | | | | | | | | | | | | | |
| Apport diverted to date | | | | | | | | | | | | | | | | | | | | | |
| TBI acreage | | | | | | | | | | | | | | | | | | | | | |
| Apportioned | | | | | | | | | | | | | | | | | | | | | |
| Duty | | | | | | | | | | | | | | | | | | | | | |

Diversions from North side of Gila River in SE 1/4 SW 1/4, Sec. 26, T. 4S, R. 23E. Water-stage recorder and 2 ft Parshall flume located in SE 1/4 SW 1/4, Sec. 26, T. 4S, R. 23E.
Record Good

2022

ASARCO INCORPORATED

Pumping for Industrial, Domestic, and related beneficial purposes
Mean daily diversions, cubic feet per second

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|--------------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 1 | 7.8 | 4.4 | 9.4 | 7.8 | 10.7 | 9.5 | 11.1 | 9.7 | 6.9 | 5.5 | 9.4 | 9.2 |
| 2 | 1.8 | 6.7 | 2.9 | 4.3 | 11.0 | 10.6 | 11.1 | 5.5 | 8.9 | 9.7 | 13.0 | 5.6 |
| 3 | 8.1 | 7.4 | 6.3 | 5.9 | 10.2 | 9.7 | 11.3 | 9.9 | 9.3 | 8.1 | 9.0 | 7.4 |
| 4 | 8.1 | 4.5 | 3.5 | 7.4 | 9.2 | 9.5 | 11.4 | 6.8 | 9.5 | 7.0 | 8.0 | 5.0 |
| 5 | 7.5 | 6.4 | 6.9 | 4.5 | 9.3 | 9.8 | 11.9 | 9.0 | 6.7 | 9.9 | 3.9 | 8.2 |
| 6 | 8.4 | 7.8 | 7.2 | 5.2 | 9.1 | 10.4 | 11.7 | 9.6 | 9.5 | 6.9 | 7.6 | 6.1 |
| 7 | 8.0 | 9.3 | 6.8 | 7.8 | 10.1 | 11.2 | 10.8 | 9.7 | 9.2 | 8.4 | 7.9 | 11.4 |
| 8 | 7.8 | 8.2 | 7.3 | 7.7 | 9.6 | 11.6 | 10.1 | 9.9 | 6.3 | 7.4 | 6.7 | 13.6 |
| 9 | 7.7 | 1.0 | 6.8 | 7.4 | 7.4 | 11.6 | 9.8 | 9.3 | 9.6 | 5.2 | 10.5 | 5.6 |
| 10 | 4.7 | 0.9 | 7.7 | 4.1 | 4.9 | 10.7 | 9.8 | 7.5 | 4.2 | 6.7 | 11.1 | 7.4 |
| 11 | 7.3 | 4.9 | 7.4 | 7.9 | 9.3 | 9.7 | 10.3 | 5.9 | 8.1 | 9.9 | 6.7 | 7.3 |
| 12 | 4.7 | 2.2 | 6.2 | 7.9 | 10.1 | 11.3 | 10.0 | 9.6 | 8.7 | 10.8 | 10.4 | 7.5 |
| 13 | 7.3 | 7.8 | 7.7 | 7.8 | 10.0 | 9.6 | 7.8 | 8.9 | 3.8 | 12.6 | 3.9 | 10.7 |
| 14 | 2.1 | 7.9 | 7.9 | 7.8 | 9.8 | 10.2 | 9.2 | 7.6 | 8.4 | 10.4 | 8.9 | 12.1 |
| 15 | 7.0 | 7.2 | 7.1 | 8.1 | 9.8 | 11.2 | 6.2 | 7.5 | 5.2 | 7.7 | 11.4 | 10.0 |
| 16 | 7.3 | 4.0 | 8.2 | 8.1 | 10.2 | 11.5 | 7.2 | 8.6 | 5.7 | 6.0 | 7.8 | 6.6 |
| 17 | 7.8 | 7.6 | 5.8 | 7.9 | 10.3 | 11.4 | 10.0 | 5.9 | 4.8 | 8.9 | 13.2 | 7.4 |
| 18 | 8.0 | 2.9 | 7.8 | 8.6 | 10.2 | 11.0 | 10.3 | 5.5 | 6.8 | 7.7 | 7.7 | 7.6 |
| 19 | 9.0 | 7.3 | 4.3 | 8.2 | 10.3 | 10.0 | 10.4 | 8.3 | 10.4 | 8.6 | 7.5 | 7.0 |
| 20 | 9.9 | 2.8 | 6.6 | 4.4 | 10.1 | 11.9 | 10.4 | 5.3 | 5.7 | 10.1 | 5.0 | 7.0 |
| 21 | 8.7 | 7.2 | 7.6 | 7.8 | 9.5 | 11.3 | 9.2 | 8.5 | 8.8 | 5.9 | 9.2 | 5.5 |
| 22 | 8.6 | 4.3 | 7.7 | 9.1 | 10.1 | 11.9 | 3.4 | 6.6 | 10.2 | 7.7 | 7.9 | 12.3 |
| 23 | 8.0 | 5.8 | 7.3 | 7.8 | 10.7 | 12.0 | 5.3 | 7.1 | 7.8 | 2.3 | 5.0 | 10.0 |
| 24 | 4.4 | 7.3 | 5.8 | 8.1 | 11.3 | 11.4 | 2.4 | 8.3 | 7.8 | 4.9 | 7.9 | 4.0 |
| 25 | 7.6 | 4.9 | 6.3 | 8.1 | 3.8 | 11.1 | 6.7 | 4.1 | 4.5 | 3.5 | 6.8 | 7.8 |
| 26 | 2.9 | 5.2 | 7.2 | 9.1 | 8.5 | 11.1 | 8.5 | 8.5 | 10.4 | 6.6 | 5.6 | 7.8 |
| 27 | 7.8 | 7.4 | 7.5 | 10.5 | 6.5 | 11.9 | 8.5 | 7.9 | 9.4 | 9.9 | 7.3 | 11.5 |
| 28 | 7.5 | 5.4 | 7.4 | 11.7 | 9.2 | 12.1 | 8.7 | 7.5 | 7.5 | 4.3 | 8.3 | 9.6 |
| 29 | 7.7 | | 8.0 | 10.9 | 8.9 | 11.7 | 7.3 | 6.4 | 10.8 | 7.7 | 11.3 | 10.0 |
| 30 | 7.2 | | 8.0 | 10.4 | 9.1 | 11.1 | 9.7 | 7.8 | 1.8 | 8.1 | 11.1 | 3.8 |
| 31 | 7.5 | | 7.6 | | 9.7 | | 9.7 | 5.6 | | 9.1 | | 8.5 |
| Total CFS | 218.2 | 158.7 | 214.2 | 232.3 | 288.9 | 328.0 | 280.2 | 238.3 | 226.7 | 237.5 | 250.0 | 253.5 |
| Total Acre-Feet | 433 | 315 | 425 | 461 | 573 | 651 | 556 | 473 | 450 | 471 | 496 | 503 |
| <i>ASARCO Reported Ac-ft.</i> | | | | | | | | | | | | |
| Reported | 432 | 315 | 425 | 461 | 573 | 650 | 556 | 467 | 450 | 472 | 495 | 503 |
| Reported Year-to-Date | 432 | 747 | 1,172 | 1,633 | 2,206 | 2,856 | 3,412 | 3,879 | 4,329 | 4,801 | 5,296 | 5,799 |
| <i>Tabulations in Ac-ft</i> | | | | | | | | | | | | |
| Allocation diverted | 433 | 315 | 425 | 461 | 573 | 651 | 556 | 473 | 450 | 471 | 496 | 503 |
| Previous Alloc. Div | | 433 | 748 | 1,173 | 1,634 | 2,207 | 2,858 | 3,414 | 3,887 | 4,337 | 4,808 | 5,304 |
| Alloc. Div to date | 433 | 748 | 1,173 | 1,634 | 2,207 | 2,858 | 3,414 | 3,887 | 4,337 | 4,808 | 5,304 | 5,807 |
| Article IX Allocation | 16,221 | 16,221 | 16,221 | 16,221 | 16,221 | 16,221 | 16,221 | 16,221 | 16,221 | 16,221 | 16,221 | 16,221 |
| Allocation Remaining | 15,788 | 15,473 | 15,048 | 14,587 | 14,014 | 13,363 | 12,807 | 12,334 | 11,884 | 11,413 | 10,917 | 10,414 |

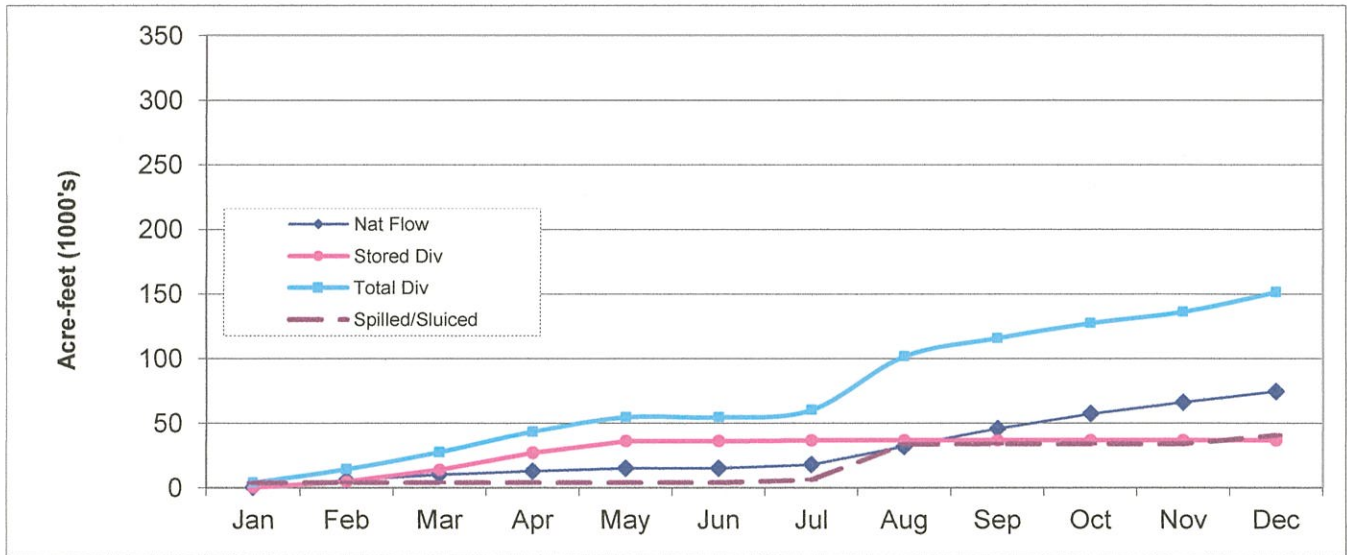
NOTE: ASARCO Industrial & Municipal diversions are Under ARTICLE IX (not apportioned)

2022

MASS DIAGRAM OF SAN CARLOS PROJECT DIVERSIONS AT ASHURT-HAYDEN DAM

In Acre-Feet

| Month | Insert Mthly Natural Flow | Accumulated | | Monthly Total Diversions | Accumulated | |
|--------|---------------------------|-------------------------|---------------------------|--------------------------|-------------------------|------------------|
| | | Natural Flow Diversions | Insert Mthly Stored Water | | Stored Water Diversions | Total Diversions |
| Jan | 169 | 169 | | 169 | 3,759 | 3,590 |
| Feb | 5580 | 5,749 | 4550 | 10,299 | 14,018 | 3,719 |
| Mar | 4241 | 9,990 | 9025 | 23,565 | 27,284 | 3,719 |
| Apr | 2600 | 12,590 | 13184 | 39,349 | 43,068 | 3,719 |
| May | 2203 | 14,793 | 9029 | 50,581 | 54,300 | 3,719 |
| Jun | 38 | 14,831 | | 50,619 | 54,338 | 3,719 |
| Jul | 2759 | 17,590 | 611 | 53,989 | 59,963 | 5,974 |
| Aug | 14132 | 31,722 | | 68,121 | 101,321 | 33,200 |
| Sep | 13888 | 45,610 | | 82,009 | 115,526 | 33,517 |
| Oct | 11365 | 56,975 | | 93,374 | 127,070 | 33,696 |
| Nov | 8795 | 65,770 | | 102,169 | 135,865 | 33,696 |
| Dec | 8475 | 74,245 | | 110,644 | 150,905 | 40,261 |
| Graph: | | Nat Flow Div | | Stored Div | Total Div | Spill/Sluice |



2022

SAN CARLOS IRRIGATION PROJECT DIVERSIONS at ASHURST-HAYDEN DAM

Original Decreed 102,090.50 Acres

Mean daily diversions - cubic feet per second

JANUARY

T. B. I. 18,384.78 Acres

FEBRUARY

T. B. I. 31,118.28 Acres

MARCH

T. B. I. 31,995.45 Acres

| 2022 | Diversed | | Passing Dam | |
|---------|----------|--------------|-------------|--------|
| | Total | Natural Flow | Spill | Sluice |
| 1 | 29 | 29 | 200 | |
| 2 | 39.1 | 39 | 950 | |
| 3 | 15.9 | 16 | 250 | |
| 4 | 0.4 | 0 | 50 | |
| 5 | 0.2 | 0 | 50 | |
| 6 | 0.1 | 0 | 50 | |
| 7 | 0.1 | 0 | 40 | |
| 8 | | | 20 | |
| 9 | | | 20 | |
| 10 | | | 15 | |
| 11 | | | 15 | |
| 12 | | | 15 | |
| 13 | | | 10 | |
| 14 | | | 10 | |
| 15 | | | 10 | |
| 16 | | | 10 | |
| 17 | | | 10 | |
| 18 | | | 10 | |
| 19 | | | 10 | |
| 20 | | | 10 | |
| 21 | | | 5 | |
| 22 | | | 5 | |
| 23 | | | 5 | |
| 24 | | | 5 | |
| 25 | | | 5 | |
| 26 | | | 5 | |
| 27 | | | 5 | |
| 28 | | | 5 | |
| 29 | | | 5 | |
| 30 | | | 5 | |
| 31 | | | 5 | |
| Total | 85 | 85 | 1810 | |
| Ac-Ft | 169 | 169 | 3590 | |
| To Date | 169 | 169 | 3590 | |
| Duty | 0.01 | | | |

| | Diversed | | Passing Dam | |
|--|----------|--------------|-------------|--------|
| | Total | Natural Flow | Spill | Sluice |
| | 102 | 98 | 4 | 5 |
| | 203 | 97 | 106 | |
| | 214 | 99 | 115 | |
| | 222 | 113 | 109 | |
| | 234 | 121 | 113 | |
| | 240 | 123 | 117 | |
| | 244 | 125 | 119 | |
| | 246 | 127 | 119 | |
| | 248 | 126 | 122 | |
| | 249 | 126 | 123 | |
| | 256 | 128 | 128 | |
| | 259 | 130 | 129 | |
| | 246 | 107 | 139 | 10 |
| | 220 | 87 | 133 | 10 |
| | 219 | 86 | 133 | 5 |
| | 219 | 84 | 135 | 5 |
| | 233 | 87 | 146 | 5 |
| | 248 | 90 | 158 | |
| | 225 | 66 | 159 | |
| | 198 | 60 | 138 | |
| | 195 | 65 | 130 | |
| | 194 | 72 | 122 | |
| | 193 | 77 | 116 | |
| | 5107 | 2294 | 2813 | 65 |
| | 10130 | 4550 | 5580 | 129 |
| | 10299 | 4550 | 5749 | 3719 |
| | 0.42 | | | |

| | Diversed | | Passing Dam | |
|--|----------|--------------|-------------|--------|
| | Total | Natural Flow | Spill | Sluice |
| | 192 | 77 | 115 | |
| | 192 | 92 | 100 | |
| | 192 | 109 | 83 | |
| | 191 | 121 | 70 | |
| | 198 | 147 | 51 | |
| | 213 | 158 | 55 | |
| | 218 | 158 | 60 | |
| | 220 | 158 | 62 | |
| | 221 | 159 | 62 | |
| | 227 | 163 | 64 | |
| | 227 | 164 | 63 | |
| | 227 | 165 | 62 | |
| | 225 | 164 | 61 | |
| | 224 | 166 | 58 | |
| | 213 | 141 | 72 | |
| | 191 | 136 | 55 | |
| | 196 | 139 | 57 | |
| | 195 | 139 | 56 | |
| | 195 | 141 | 54 | |
| | 196 | 141 | 55 | |
| | 196 | 141 | 55 | |
| | 202 | 157 | 45 | |
| | 218 | 167 | 51 | |
| | 219 | 170 | 49 | |
| | 220 | 171 | 49 | |
| | 220 | 168 | 52 | |
| | 219 | 168 | 51 | |
| | 223 | 170 | 53 | |
| | 252 | 165 | 87 | |
| | 309 | 131 | 178 | |
| | 257 | 104 | 153 | |
| | 6688 | 4550 | 2138 | |
| | 13266 | 9025 | 4241 | |
| | 23565 | 13575 | 9990 | 3719 |
| | 0.68 | | | |

Diversions from South side of Gila River at A-H Dam, in Sec 8, T. 4S, R. 11E, 10 miles NE of Florence, AZ
 Water-stage recorder and Parshall flume near China Wash, 3 miles below A-H Dam
 Water passing dam estimated by San Carlos Irrigation Project...

2022

SAN CARLOS IRRIGATION PROJECT DIVERSIONS at ASHURST-HAYDEN DAM Original Decreed 102,090.50 Acres

Mean daily diversions - cubic feet per second

APRIL

T. B. I. 35,740.79 Acres

MAY

T. B. I. 34,244.09 Acres

JUNE

T. B. I. 35,043.48 Acres

| 2022 | Diverted | | | Passing Dam | |
|---------|----------|--------|--------------|-------------|--------|
| | Total | Stored | Natural Flow | Spill | Sluice |
| 1 | 259 | 158 | 101 | | |
| 2 | 273 | 188 | 85 | | |
| 3 | 253 | 188 | 65 | | |
| 4 | 250 | 190 | 60 | | |
| 5 | 253 | 202 | 51 | | |
| 6 | 256 | 202 | 54 | | |
| 7 | 254 | 212 | 42 | | |
| 8 | 268 | 225 | 43 | | |
| 9 | 270 | 226 | 44 | | |
| 10 | 269 | 227 | 42 | | |
| 11 | 268 | 229 | 39 | | |
| 12 | 268 | 228 | 40 | | |
| 13 | 248 | 206 | 42 | | |
| 14 | 264 | 229 | 35 | | |
| 15 | 262 | 231 | 31 | | |
| 16 | 266 | 233 | 33 | | |
| 17 | 265 | 226 | 39 | | |
| 18 | 263 | 225 | 38 | | |
| 19 | 257 | 225 | 32 | | |
| 20 | 284 | 257 | 27 | | |
| 21 | 286 | 244 | 42 | | |
| 22 | 275 | 233 | 42 | | |
| 23 | 273 | 235 | 38 | | |
| 24 | 273 | 234 | 39 | | |
| 25 | 271 | 235 | 36 | | |
| 26 | 269 | 236 | 33 | | |
| 27 | 254 | 215 | 39 | | |
| 28 | 271 | 235 | 36 | | |
| 29 | 271 | 236 | 35 | | |
| 30 | 271 | 237 | 34 | | |
| 31 | | | | | |
| Total | 7958 | 6647 | 1311 | | |
| Ac-Ft | 15784 | 13184 | 2600 | | |
| To Date | 39349 | 26759 | 12590 | 3719 | |
| Duty | 1.11 | | | | |

| | Diverted | | | Passing Dam | |
|---------|----------|--------|--------------|-------------|--------|
| | Total | Stored | Natural Flow | Spill | Sluice |
| | 267 | 238 | 29 | | |
| | 265 | 240 | 25 | | |
| | 269 | 240 | 29 | | |
| | 269 | 239 | 30 | | |
| | 267 | 238 | 29 | | |
| | 268 | 238 | 30 | | |
| | 267 | 238 | 29 | | |
| | 265 | 236 | 29 | | |
| | 264 | 235 | 29 | | |
| | 265 | 232 | 33 | | |
| | 266 | 232 | 34 | | |
| | 266 | 231 | 35 | | |
| | 268 | 229 | 39 | | |
| | 268 | 226 | 42 | | |
| | 268 | 224 | 44 | | |
| | 266 | 222 | 44 | | |
| | 264 | 219 | 45 | | |
| | 263 | 217 | 46 | | |
| | 261 | 215 | 46 | | |
| | 253 | 163 | 90 | | |
| | 119 | | 119 | | |
| | 61 | | 61 | | |
| | 42 | | 42 | | |
| | 31 | | 31 | | |
| | 25 | | 25 | | |
| | 20 | | 20 | | |
| | 16 | | 16 | | |
| | 13 | | 13 | | |
| | 11 | | 11 | | |
| | 9 | | 9 | | |
| | 7 | | 7 | | |
| Total | 5663 | 4552 | 1111 | | |
| Ac-Ft | 11232 | 9029 | 2203 | | |
| To Date | 50581 | 35788 | 14793 | 3719 | |
| Duty | 1.43 | | | | |

| | Diverted | | Natural Flow | Passing Dam | |
|---------|----------|--------|--------------|-------------|--------|
| | Total | Stored | | Spill | Sluice |
| | 6 | | 6 | | |
| | 4 | | 4 | | |
| | 3 | | 3 | | |
| | 2 | | 2 | | |
| | 1 | | 1 | | |
| | 1 | | 1 | | |
| | 1 | | 1 | | |
| | 0 | | 0 | | |
| Total | 19 | | 19 | | |
| Ac-Ft | 38 | | 38 | | |
| To Date | 50619 | 35788 | 14831 | | 3719 |
| Duty | 1.43 | | | | |

Water passing dam estimated by San Carlos Irrigation Project...

2022

SAN CARLOS IRRIGATION PROJECT DIVERSIONS at ASHURST-HAYDEN DAM Original Decreed 102,090.50 Acres

Mean daily diversions - cubic feet per second

JULY

T. B. I. 32,584.94 Acres

AUGUST

T. B. I. 32,584.94 Acres

SEPTEMBER

T. B. I. 32,584.94 Acres

| 2022 | Diverted | | Natural | | Passing Dam | |
|---------|----------|--------|---------|--------|-------------|--------|
| | Total | Stored | Flow | Sluice | Spill | Sluice |
| 1 | | | | | | |
| 2 | | | | | | |
| 3 | | | | | | |
| 4 | | | | | | |
| 5 | | | | | | |
| 6 | | | | | | |
| 7 | | | | | | |
| 8 | | | | | | |
| 9 | | | | | | |
| 10 | | | | | | |
| 11 | | | | | | |
| 12 | | | | | | |
| 13 | | | | | | |
| 14 | | | | | | |
| 15 | | | | | | |
| 16 | | | | | | |
| 17 | | | | | | |
| 18 | | | | | | |
| 19 | | | | | | |
| 20 | | | | | | |
| 21 | | | | | | |
| 22 | | | | | | |
| 23 | | | | | | |
| 24 | | | | | 109 | |
| 25 | 109 | 109 | | | 272 | |
| 26 | 227 | 190 | 37 | | 70 | |
| 27 | 263 | 9 | 254 | | 26 | |
| 28 | 284 | | 284 | | 129 | |
| 29 | 270 | | 270 | | 449 | |
| 30 | 347 | | 347 | | 82 | |
| 31 | 199 | | 199 | | | |
| Total | 1699 | 308 | 1391 | | 1137 | |
| Ac-Ft | 3370 | 611 | 2759 | | 2255 | |
| To Date | 53989 | 36399 | 17590 | | 5974 | |
| Duty | 1.52 | | | | | |

| 2022 | Diverted | | Natural | | Passing Dam | |
|---------|----------|--------|---------|--------|-------------|--------|
| | Total | Stored | Flow | Sluice | Spill | Sluice |
| 1 | 170 | | 170 | | 58 | |
| 2 | 256 | | 256 | | | |
| 3 | 149 | | 149 | | 24 | |
| 4 | 259 | | 259 | | 479 | |
| 5 | 278 | | 278 | | 505 | |
| 6 | 286 | | 286 | | 406 | |
| 7 | 258 | | 258 | | | |
| 8 | 177 | | 177 | | 7 | |
| 9 | 297 | | 297 | | 253 | |
| 10 | 330 | | 330 | | 821 | |
| 11 | 298 | | 298 | | 800 | |
| 12 | 298 | | 298 | | 1101 | |
| 13 | 257 | | 257 | | 205 | |
| 14 | 231 | | 231 | | 434 | |
| 15 | 252 | | 252 | | 955 | |
| 16 | 203 | | 203 | | 299 | |
| 17 | 116 | | 116 | | | |
| 18 | 111 | | 111 | | | |
| 19 | 140 | | 140 | | | |
| 20 | 118 | | 118 | | | |
| 21 | 135 | | 135 | | 565 | |
| 22 | 185 | | 185 | | 1605 | |
| 23 | 204 | | 204 | | 1370 | |
| 24 | 248 | | 248 | | 516 | |
| 25 | 324 | | 324 | | 1161 | |
| 26 | 288 | | 288 | | 782 | |
| 27 | 346 | | 346 | | 615 | |
| 28 | 244 | | 244 | | 760 | |
| 29 | 170 | | 170 | | | |
| 30 | 244 | | 244 | | 5 | |
| 31 | 255 | | 255 | | | |
| Total | 7125 | | 7125 | | 13726 | |
| Ac-Ft | 14132 | | 14132 | | 27226 | |
| To Date | 68121 | 36399 | 31722 | | 33200 | |
| Duty | 1.92 | | | | | |

| 2022 | Diverted | | Natural | | Passing Dam | |
|---------|----------|--------|---------|--------|-------------|--------|
| | Total | Stored | Flow | Sluice | Spill | Sluice |
| 1 | 252 | | 252 | | | |
| 2 | 250 | | 250 | | | |
| 3 | 247 | | 247 | | | |
| 4 | 244 | | 244 | | | |
| 5 | 243 | | 243 | | | |
| 6 | 242 | | 242 | | | |
| 7 | 258 | | 258 | | | |
| 8 | 296 | | 296 | | | |
| 9 | 286 | | 286 | | | |
| 10 | 270 | | 270 | | 45 | |
| 11 | 267 | | 267 | | | |
| 12 | 273 | | 273 | | | |
| 13 | 268 | | 268 | | | |
| 14 | 224 | | 224 | | | |
| 15 | 209 | | 209 | | | |
| 16 | 204 | | 204 | | | |
| 17 | 194 | | 194 | | | |
| 18 | 192 | | 192 | | | |
| 19 | 191 | | 191 | | | |
| 20 | 192 | | 192 | | | |
| 21 | 195 | | 195 | | | |
| 22 | 237 | | 237 | | | |
| 23 | 245 | | 245 | | | |
| 24 | 217 | | 217 | | | |
| 25 | 216 | | 216 | | 15 | |
| 26 | 198 | | 198 | | 35 | |
| 27 | 211 | | 211 | | 50 | |
| 28 | 228 | | 228 | | 15 | |
| 29 | 226 | | 226 | | | |
| 30 | 227 | | 227 | | | |
| 31 | | | | | | |
| Total | 7002 | | 7002 | | 160 | |
| Ac-Ft | 13888 | | 13888 | | 317 | |
| To Date | 82009 | 36399 | 45610 | | 33517 | |
| Duty | 2.34 | | | | | |

Water passing dam estimated by San Carlos Irrigation Project...

2022

SAN CARLOS IRRIGATION PROJECT DIVERSIONS at ASHURST-HAYDEN DAM Original Decreed 102,090.50 Acres

Mean daily diversions - cubic feet per second

OCTOBER

T. B. I. 27,322.18 Acres

| 2022 | Diverted | | Passing Dam | |
|---------|----------|--------------|-------------|--------|
| | Total | Natural Flow | Spilled | Sluice |
| 1 | 228 | 228 | | |
| 2 | 227 | 227 | | |
| 3 | 226 | 226 | | |
| 4 | 245 | 245 | | |
| 5 | 250 | 250 | | |
| 6 | 248 | 248 | | |
| 7 | 245 | 245 | | |
| 8 | 251 | 251 | | |
| 9 | 259 | 259 | | |
| 10 | 240 | 240 | | |
| 11 | 248 | 248 | | |
| 12 | 243 | 243 | | |
| 13 | 242 | 242 | | |
| 14 | 258 | 258 | 30 | |
| 15 | 235 | 235 | | |
| 16 | 194 | 194 | | |
| 17 | 145 | 145 | | |
| 18 | 141 | 141 | 60 | |
| 19 | 147 | 147 | | |
| 20 | 142 | 142 | | |
| 21 | 135 | 135 | | |
| 22 | 130 | 130 | | |
| 23 | 125 | 125 | | |
| 24 | 121 | 121 | | |
| 25 | 115 | 115 | | |
| 26 | 110 | 110 | | |
| 27 | 104 | 104 | | |
| 28 | 109 | 109 | | |
| 29 | 112 | 112 | | |
| 30 | 114 | 114 | | |
| 31 | 141 | 141 | | |
| Total | 5730 | 5730 | 90 | |
| Ac-Ft | 11365 | 11365 | 179 | |
| To Date | 93374 | 36399 | 33696 | |
| Duty | 3.72 | | | |

NOVEMBER

T. B. I. 27,322.18 Acres

| 2022 | Diverted | | Passing Dam | |
|---------|----------|--------------|-------------|--------|
| | Total | Natural Flow | Spilled | Sluice |
| 1 | 138 | 138 | | |
| 2 | 151 | 151 | | |
| 3 | 162 | 162 | | |
| 4 | 161 | 161 | | |
| 5 | 152 | 152 | | |
| 6 | 140 | 140 | | |
| 7 | 132 | 132 | | |
| 8 | 124 | 124 | | |
| 9 | 119 | 119 | | |
| 10 | 124 | 124 | | |
| 11 | 120 | 120 | | |
| 12 | 115 | 115 | | |
| 13 | 126 | 126 | | |
| 14 | 125 | 125 | | |
| 15 | 126 | 126 | | |
| 16 | 125 | 125 | | |
| 17 | 123 | 123 | | |
| 18 | 128 | 128 | | |
| 19 | 150 | 150 | | |
| 20 | 151 | 151 | | |
| 21 | 151 | 151 | | |
| 22 | 149 | 149 | | |
| 23 | 155 | 155 | | |
| 24 | 154 | 154 | | |
| 25 | 155 | 155 | | |
| 26 | 167 | 167 | | |
| 27 | 199 | 199 | | |
| 28 | 203 | 203 | | |
| 29 | 205 | 205 | | |
| 30 | 204 | 204 | | |
| Total | 4434 | 4434 | | |
| Ac-Ft | 8795 | 8795 | | |
| To Date | 102169 | 36399 | 33696 | |
| Duty | 4.07 | | | |

DECEMBER

T. B. I. 27,322.18 Acres

| 2022 | Diverted | | Passing Dam | |
|---------|----------|--------------|-------------|--------|
| | Total | Natural Flow | Spilled | Sluice |
| 1 | 202 | 202 | | |
| 2 | 201 | 201 | | |
| 3 | 205 | 205 | | |
| 4 | 187 | 187 | 820 | |
| 5 | 168 | 168 | 1800 | |
| 6 | 68.7 | 68.7 | 300 | |
| 7 | 54.3 | 54.3 | 100 | |
| 8 | 98 | 98 | 80 | |
| 9 | 130 | 130 | 100 | |
| 10 | 120 | 120 | 10 | |
| 11 | 120 | 120 | 10 | |
| 12 | 101 | 101 | 10 | |
| 13 | 98.3 | 98.3 | 20 | |
| 14 | 89.3 | 89.3 | | |
| 15 | 72.3 | 72.3 | | |
| 16 | 62.2 | 62.2 | | |
| 17 | 110 | 110 | | |
| 18 | 104 | 104 | 20 | |
| 19 | 82.7 | 82.7 | 20 | |
| 20 | 108 | 108 | | |
| 21 | 160 | 160 | | |
| 22 | 241 | 241 | | |
| 23 | 181 | 181 | | |
| 24 | 158 | 158 | | |
| 25 | 157 | 157 | | |
| 26 | 178 | 178 | | |
| 27 | 179 | 179 | | |
| 28 | 184 | 184 | | |
| 29 | 183 | 183 | | |
| 30 | 150 | 150 | | |
| Total | 4273 | 4273 | 3310 | |
| Ac-Ft | 8475 | 8475 | 6565 | |
| To Date | 110644 | 36399 | 74245 | 40261 |
| Duty | 4.42 | | | |

Water passing dam estimated by San Carlos Irrigation Project....

DETERMINATION OF PRIORITY WATER

JANUARY 2022

Mean daily discharge - cubic feet per second

| 2022 | SAN CARLOS RESERVOIR | | | | | ASHURST-HAYDEN DAM | | | | | DAILY CALL SYSTEM | | | | Version 7.08 | |
|--------|----------------------|--------------|--------|---------|---------------|------------------------|----------|--------|--------------|---------------------|--------------------------------|------------------------|------|---------------|--------------|---------|
| | River Inflow | Natural Flow | | STORAGE | | Sluiced and/or Spilled | Diverted | Stored | Natural Flow | Gain/Loss Nat. Flow | Nat. Flow Available to Project | COMPUTED PRIORITY YEAR | | | | |
| | | Total | Stored | Inflow | Minus Outflow | | | | | | | Ac-ft change S C Res. | JAN | Duncan Virden | | Safford |
| DEC 31 | 222 | | | 222 | | 200 | 29 | | 29 | | 451 | 1 | 1924 | 1924 | 1924 | 1924 |
| JAN 1 | 2583 | | | 2583 | 1858 | 950 | 39 | | 39 | | 3572 | 2 | " | " | " | " |
| JAN 2 | 1142 | | | 1142 | 3044 | 250 | 16 | | 16 | | 1408 | 3 | " | " | " | " |
| JAN 3 | 671 | | | 671 | 1186 | 50 | 0 | | 0 | | 721 | 4 | " | " | " | " |
| JAN 4 | 408 | | | 408 | 921 | 50 | 0 | | 0 | | 458 | 5 | " | " | " | " |
| JAN 5 | 311 | | | 311 | 517 | 50 | 0 | | 0 | | 361 | 6 | " | " | " | " |
| JAN 6 | 266 | | | 266 | 572 | 40 | 0 | | 0 | | 306 | 7 | " | " | " | " |
| JAN 7 | 238 | | | 238 | 401 | 20 | 0 | | 0 | | 258 | 8 | " | " | " | " |
| JAN 8 | 220 | | | 220 | 532 | 20 | 0 | | 0 | | 240 | 9 | " | " | " | " |
| JAN 9 | 207 | | | 207 | 204 | 15 | 0 | | 0 | | 222 | 10 | " | " | " | " |
| JAN 10 | 198 | | | 198 | 204 | 15 | 0 | | 0 | | 213 | 11 | " | " | " | " |
| JAN 11 | 188 | | | 188 | 853 | 15 | 0 | | 0 | | 203 | 12 | " | " | " | " |
| JAN 12 | 184 | | | 184 | 523 | 10 | 0 | | 0 | | 194 | 13 | " | " | " | " |
| JAN 13 | 182 | | | 182 | 316 | 10 | 0 | | 0 | | 192 | 14 | " | " | " | " |
| JAN 14 | 179 | | | 179 | 504 | 10 | 0 | | 0 | | 189 | 15 | " | " | " | " |
| JAN 15 | 177 | | | 177 | 401 | 10 | 0 | | 0 | | 187 | 16 | " | " | " | " |
| JAN 16 | 174 | | | 174 | 349 | 10 | 0 | | 0 | | 184 | 17 | " | " | " | " |
| JAN 17 | 172 | | | 172 | 325 | 10 | 0 | | 0 | | 182 | 18 | " | " | " | " |
| JAN 18 | 168 | | | 168 | 408 | 10 | 0 | | 0 | | 178 | 19 | " | " | " | " |
| JAN 19 | 165 | | | 165 | 356 | 10 | 0 | | 0 | | 175 | 20 | " | " | " | " |
| JAN 20 | 163 | | | 163 | 358 | 5 | 0 | | 0 | | 168 | 21 | " | " | " | " |
| JAN 21 | 161 | | | 161 | 387 | 5 | 0 | | 0 | | 166 | 22 | " | " | " | " |
| JAN 22 | 160 | | | 160 | -1101 | 5 | 0 | | 0 | | 165 | 23 | " | " | " | " |
| JAN 23 | 159 | | | 159 | 1715 | 5 | 0 | | 0 | | 164 | 24 | " | " | " | " |
| JAN 24 | 158 | | | 158 | 310 | 5 | 0 | | 0 | | 163 | 25 | " | " | " | " |
| JAN 25 | 158 | | | 158 | 254 | 5 | 0 | | 0 | | 163 | 26 | " | " | " | " |
| JAN 26 | 158 | | | 158 | 340 | 5 | 0 | | 0 | | 163 | 27 | " | " | " | " |
| JAN 27 | 156 | | | 156 | 973 | 5 | 0 | | 0 | | 161 | 28 | " | " | " | " |
| JAN 28 | 152 | | | 152 | -287 | 5 | 0 | | 0 | | 157 | 29 | " | " | " | " |
| JAN 29 | 151 | | | 151 | -58 | 5 | 0 | | 0 | | 156 | 30 | " | " | " | " |
| JAN 30 | 152 | | | 152 | 230 | 5 | 0 | | 0 | | 157 | 31 | " | " | " | " |
| JAN 31 | 153 | | | 153 | 404 | 5 | 0 | | 0 | | 157 | 31 | " | " | " | " |

24 hour lag allowed between Coolidge/Ashurst-Hayden Dams.

12% transit loss on daily Stored releases...

DETERMINATION OF PRIORITY WATER

FEBRUARY 2022

Mean daily discharge - cubic feet per second

| 2022 | SAN CARLOS RESERVOIR | | | | ASHURST-HAYDEN DAM | | | | DAILY CALL SYSTEM | | | | VERSION 7.08 | | | | |
|--------|----------------------|-------|--------------|--------|----------------------|-----------------------|------------------------|----------|------------------------|--------------|---------------------|--------------------------------|--------------|------|---------------|---------|-----------|
| | RELEASES | | STORAGE | | ASHURST-HAYDEN DAM | | COMPUTED PRIORITY YEAR | | COMPUTED PRIORITY YEAR | | | | | | | | |
| | River Inflow | Total | Natural Flow | Stored | Inflow Minus Outflow | Ac-ft change S C Res. | Sluiced and/or Spilled | Diverted | Stored | Natural Flow | Gain/Loss Nat. Flow | Nat. Flow Available to Project | | FEB | Duncan Virden | Safford | Winkelman |
| JAN 31 | 153 | 153 | 404 | 404 | | | | | | | | | 1 | 1924 | 1924 | 1924 | 1924 |
| FEB 1 | 152 | 152 | 203 | 203 | | | 5 | 5 | 5 | 5 | 5 | 5 | 2 | " | " | " | " |
| FEB 2 | 151 | 151 | -865 | -865 | | | 5 | 5 | 5 | 5 | 5 | 5 | 3 | " | " | " | " |
| FEB 3 | 152 | 42 | 110 | 28 | | | 5 | 5 | 5 | 5 | -37 | 115 | 4 | " | " | " | " |
| FEB 4 | 148 | 174 | 148 | 26 | | | 5 | 5 | 5 | 5 | -143 | 5 | 5 | " | " | " | " |
| FEB 5 | 146 | 257 | 146 | 111 | | | 5 | 102 | 98 | 4 | -137 | 9 | 6 | 1915 | " | " | " |
| FEB 6 | 147 | 257 | 147 | 110 | | | 5 | 203 | 97 | 106 | -41 | 106 | 7 | 1924 | 1915 | " | " |
| FEB 7 | 148 | 260 | 148 | 112 | | | 5 | 214 | 99 | 115 | -33 | 115 | 8 | 1921 | 1924 | " | " |
| FEB 8 | 149 | 277 | 149 | 128 | | | 5 | 222 | 113 | 109 | -40 | 109 | 9 | " | 1921 | 1915 | 1915 |
| FEB 9 | 149 | 286 | 149 | 137 | | | 5 | 234 | 121 | 113 | -36 | 113 | 10 | " | 1924 | 1924 | 1924 |
| FEB 10 | 146 | 286 | 146 | 140 | | | 5 | 240 | 123 | 117 | -29 | 117 | 11 | 1915 | 1921 | 1921 | 1921 |
| FEB 11 | 142 | 284 | 142 | 142 | | | 5 | 244 | 125 | 119 | -23 | 119 | 12 | 1921 | 1915 | 1924 | 1924 |
| FEB 12 | 140 | 284 | 140 | 144 | | | 5 | 246 | 127 | 119 | -21 | 119 | 13 | " | 1921 | 1921 | 1921 |
| FEB 13 | 141 | 284 | 141 | 143 | | | 5 | 248 | 126 | 122 | -19 | 122 | 14 | " | " | 1915 | 1915 |
| FEB 14 | 140 | 283 | 140 | 143 | | | 5 | 249 | 126 | 123 | -17 | 123 | 15 | " | " | 1921 | 1921 |
| FEB 15 | 137 | 283 | 137 | 146 | | | 5 | 256 | 128 | 128 | -9 | 128 | 16 | " | " | " | " |
| FEB 16 | 136 | 284 | 136 | 148 | | | 5 | 259 | 130 | 129 | -7 | 129 | 17 | " | " | " | " |
| FEB 17 | 131 | 253 | 131 | 122 | | | 10 | 246 | 107 | 139 | 18 | 149 | 18 | " | " | " | " |
| FEB 18 | 128 | 227 | 128 | 99 | | | 10 | 220 | 87 | 133 | 15 | 143 | 19 | 1915 | " | " | " |
| FEB 19 | 129 | 227 | 129 | 98 | | | 5 | 219 | 86 | 133 | 9 | 138 | 20 | 1924 | 1915 | " | " |
| FEB 20 | 131 | 227 | 131 | 96 | | | 5 | 219 | 84 | 135 | 9 | 140 | 21 | 1921 | 1924 | 1921 | 1921 |
| FEB 21 | 128 | 227 | 128 | 99 | | | 5 | 233 | 87 | 146 | 23 | 151 | 22 | " | 1921 | 1915 | 1915 |
| FEB 22 | 125 | 227 | 125 | 102 | | | 5 | 248 | 90 | 158 | 33 | 158 | 23 | 1924 | " | 1924 | 1924 |
| FEB 23 | 125 | 200 | 125 | 75 | | | 5 | 225 | 66 | 159 | 34 | 159 | 24 | " | 1924 | 1924 | 1921 |
| FEB 24 | 117 | 185 | 117 | 68 | | | 5 | 198 | 60 | 138 | 21 | 138 | 25 | " | " | " | " |
| FEB 25 | 111 | 185 | 111 | 74 | | | 5 | 195 | 65 | 130 | 19 | 130 | 26 | " | " | 1924 | 1924 |
| FEB 26 | 103 | 185 | 103 | 82 | | | 5 | 194 | 72 | 122 | 19 | 122 | 27 | 1891 | " | " | " |
| FEB 27 | 97 | 185 | 97 | 88 | | | 5 | 193 | 77 | 116 | 19 | 116 | 28 | 1882 | 1891 | " | " |
| FEB 28 | 99 | 186 | 99 | 87 | | | 5 | 193 | 77 | 116 | 19 | 116 | 28 | | | | |

24 hour lag allowed between Coolidge/Ashurst-Hayden Dams.

12% transit loss on daily Stored releases...

DETERMINATION OF PRIORITY WATER

MARCH 2022

Mean daily discharge - cubic feet per second

| 2022 | SAN CARLOS RESERVOIR | | | | ASHURST-HAYDEN DAM | | | | DAILY CALL SYSTEM | | | | VERSION 7.08 | | | |
|--------|----------------------|----------|--------------|----------------------|-----------------------|------------------------|--------------------|--------|--------------------------------|------------------------|-----|---------------|----------------|---------|-----------|-------|
| | River Inflow | RELEASES | | STORAGE | | Sluiced and/or Spilled | ASHURST-HAYDEN DAM | | Nat. Flow Available to Project | COMPUTED PRIORITY YEAR | | | Ashurst-Hayden | | | |
| | | Total | Natural Flow | Inflow Minus Outflow | Ac-ft change S C Res. | | Diverted | Stored | | Natural Flow | MAR | Duncan Virden | | Safford | Winkelman | |
| FEB 29 | 99 | 186 | 99 | 87 | -87 | -190 | 192 | 77 | 115 | 16 | 115 | 1 | Immem | 1882 | 1924 | 1924 |
| MAR 1 | 81 | 186 | 81 | 105 | -105 | -216 | 192 | 92 | 100 | 19 | 100 | 2 | 1868 | Immem | 1891 | 1891 |
| MAR 2 | 62 | 186 | 62 | 124 | -124 | -161 | 192 | 109 | 83 | 21 | 83 | 3 | 1880 | 1868 | 1882 | 1882 |
| MAR 3 | 50 | 187 | 50 | 137 | -137 | -2033 | 191 | 121 | 70 | 20 | 70 | 4 | 1886 | 1880 | Immem | Immem |
| MAR 4 | 39 | 206 | 39 | 167 | -167 | 705 | 198 | 147 | 51 | 12 | 51 | 5 | 1889 | 1886 | 1868 | 1868 |
| MAR 5 | 37 | 217 | 37 | 180 | -180 | -1427 | 213 | 158 | 55 | 18 | 55 | 6 | 1887 | 1889 | 1880 | 1880 |
| MAR 6 | 37 | 217 | 37 | 180 | -180 | 1165 | 218 | 158 | 60 | 23 | 60 | 7 | 1889 | 1887 | 1886 | 1886 |
| MAR 7 | 38 | 217 | 38 | 179 | -179 | -625 | 220 | 158 | 62 | 24 | 62 | 8 | 1890 | 1889 | 1889 | 1889 |
| MAR 8 | 40 | 221 | 40 | 181 | -181 | -155 | 221 | 159 | 62 | 22 | 62 | 9 | " | 1890 | 1887 | 1887 |
| MAR 9 | 41 | 226 | 41 | 185 | -185 | -615 | 227 | 163 | 64 | 23 | 64 | 10 | " | " | 1889 | 1889 |
| MAR 10 | 40 | 226 | 40 | 186 | -186 | -609 | 227 | 164 | 63 | 23 | 63 | 11 | " | " | 1890 | 1890 |
| MAR 11 | 39 | 226 | 39 | 187 | -187 | -551 | 227 | 165 | 62 | 23 | 62 | 12 | 1889 | " | " | " |
| MAR 12 | 40 | 226 | 40 | 186 | -186 | 50 | 225 | 164 | 61 | 21 | 61 | 13 | 1887 | 1889 | " | " |
| MAR 13 | 37 | 226 | 37 | 189 | -189 | -621 | 224 | 166 | 58 | 21 | 58 | 14 | 1885 | 1887 | " | " |
| MAR 14 | 37 | 197 | 37 | 160 | -160 | 25 | 213 | 141 | 72 | 35 | 72 | 15 | 1884 | 1885 | 1889 | 1889 |
| MAR 15 | 36 | 190 | 36 | 154 | -154 | -320 | 191 | 136 | 55 | 19 | 55 | 16 | 1885 | 1884 | 1887 | 1887 |
| MAR 16 | 38 | 196 | 38 | 158 | -158 | -342 | 196 | 139 | 57 | 19 | 57 | 17 | " | 1885 | 1885 | 1885 |
| MAR 17 | 38 | 196 | 38 | 158 | -158 | -292 | 195 | 139 | 56 | 18 | 56 | 18 | 1884 | " | 1884 | 1884 |
| MAR 18 | 36 | 196 | 36 | 160 | -160 | -290 | 195 | 141 | 54 | 18 | 54 | 19 | 1885 | 1884 | 1885 | 1885 |
| MAR 19 | 36 | 196 | 36 | 160 | -160 | -526 | 196 | 141 | 55 | 19 | 55 | 20 | 1884 | 1885 | " | " |
| MAR 20 | 36 | 196 | 36 | 160 | -160 | -826 | 196 | 141 | 55 | 19 | 55 | 21 | 1875 | 1884 | 1884 | 1884 |
| MAR 21 | 36 | 214 | 36 | 178 | -178 | 588 | 202 | 157 | 45 | 9 | 45 | 22 | 1891 | 1875 | 1885 | 1885 |
| MAR 22 | 36 | 226 | 36 | 190 | -190 | -984 | 218 | 167 | 51 | 15 | 51 | 23 | 1883 | 1891 | 1884 | 1884 |
| MAR 23 | 34 | 227 | 34 | 193 | -193 | 771 | 219 | 170 | 49 | 15 | 49 | 24 | " | 1883 | 1875 | 1875 |
| MAR 24 | 33 | 227 | 33 | 194 | -194 | -282 | 220 | 171 | 49 | 16 | 49 | 25 | " | " | 1891 | 1891 |
| MAR 25 | 36 | 227 | 36 | 191 | -191 | -280 | 220 | 168 | 52 | 16 | 52 | 26 | 1882 | " | 1883 | 1883 |
| MAR 26 | 37 | 228 | 37 | 191 | -191 | -279 | 219 | 168 | 51 | 14 | 51 | 27 | 1884 | 1882 | " | " |
| MAR 27 | 36 | 229 | 36 | 193 | -193 | -734 | 223 | 170 | 53 | 17 | 53 | 28 | " | 1884 | " | " |
| MAR 28 | 40 | 228 | 40 | 188 | -188 | -316 | 252 | 165 | 87 | 47 | 87 | 29 | 1888 | " | 1882 | 1882 |
| MAR 29 | 38 | 187 | 38 | 149 | -149 | -270 | 309 | 131 | 178 | 140 | 178 | 30 | 1900 | 1888 | 1884 | 1884 |
| MAR 30 | 37 | 155 | 37 | 118 | -118 | -268 | 257 | 104 | 153 | 116 | 153 | 31 | 1904b | 1900 | " | " |
| MAR 31 | 38 | 218 | 38 | 180 | -180 | -639 | | | | | | | | | | |

24 hour lag allowed between Coolidge/Ashurst-Hayden Dams.

12% transit loss on daily Stored releases...

DETERMINATION OF PRIORITY WATER

APRIL 2022

Mean daily discharge - cubic feet per second

| 2022 | SAN CARLOS RESERVOIR | | | | | ASHURST-HAYDEN DAM | | | | | DAILY CALL SYSTEM | | | | | VERSION 7.08 | |
|--------|----------------------|-------|--------------|---------------------|----------------------|------------------------|-----|--------------------------------|--------|--------------|------------------------|--------------------------------|-----|---------------|---------|--------------|-----------|
| | RELEASES | | STORAGE | | | Sluiced and/or Spilled | | Nat. Flow Available to Project | | | COMPUTED PRIORITY YEAR | | | | | | |
| | River Inflow | Total | Natural Flow | Natural Flow Stored | Inflow Minus Outflow | Ac-ft change S C Res. | APR | Diverted | Stored | Natural Flow | Gain/Loss Nat. Flow | Nat. Flow Available to Project | APR | Duncan Virden | Safford | | Winkelman |
| MAR 31 | 38 | 218 | 38 | 180 | -180 | -639 | 1 | 259 | 158 | 101 | 63 | 101 | 1 | 1889 | 1904b | 1888 | 1888 |
| APR 1 | 36 | 250 | 36 | 214 | -214 | 639 | 2 | 273 | 188 | 85 | 49 | 85 | 2 | 1883 | 1889 | 1900 | 1900 |
| 2 | 36 | 250 | 36 | 214 | -214 | -442 | 3 | 253 | 188 | 65 | 29 | 65 | 3 | 1884 | 1883 | 1904b | 1904b |
| 3 | 34 | 250 | 34 | 216 | -216 | -415 | 4 | 250 | 190 | 60 | 26 | 60 | 4 | 1881 | 1884 | 1889 | 1889 |
| 4 | 33 | 262 | 33 | 229 | -229 | -1656 | 5 | 253 | 202 | 51 | 18 | 51 | 5 | " | 1881 | 1883 | 1883 |
| 5 | 32 | 262 | 32 | 230 | -230 | -453 | 6 | 256 | 202 | 54 | 22 | 54 | 6 | " | " | 1884 | 1884 |
| 6 | 33 | 274 | 33 | 241 | -241 | -567 | 7 | 254 | 212 | 42 | 9 | 42 | 7 | " | " | 1881 | 1881 |
| 7 | 33 | 289 | 33 | 256 | -256 | -340 | 8 | 268 | 225 | 43 | 10 | 43 | 8 | 1846 | " | " | " |
| 8 | 32 | 289 | 32 | 257 | -257 | -473 | 9 | 270 | 226 | 44 | 12 | 44 | 9 | 1879 | 1846 | " | " |
| 9 | 32 | 290 | 32 | 258 | -258 | -484 | 10 | 269 | 227 | 42 | 10 | 42 | 10 | " | 1879 | " | " |
| 10 | 31 | 291 | 31 | 260 | -260 | -515 | 11 | 268 | 229 | 39 | 8 | 39 | 11 | 1876 | " | 1846 | 1846 |
| 11 | 32 | 291 | 32 | 259 | -259 | -486 | 12 | 268 | 228 | 40 | 8 | 40 | 12 | 1875 | 1876 | 1879 | 1879 |
| 12 | 29 | 263 | 29 | 234 | -234 | -515 | 13 | 248 | 206 | 42 | 13 | 42 | 13 | 1884 | 1875 | " | " |
| 13 | 27 | 287 | 27 | 260 | -260 | -414 | 14 | 264 | 229 | 35 | 8 | 35 | 14 | Immem | 1884 | 1876 | 1876 |
| 14 | 27 | 290 | 27 | 263 | -263 | -443 | 15 | 262 | 231 | 31 | 4 | 31 | 15 | 1876 | Immem | 1875 | 1875 |
| 15 | 27 | 292 | 27 | 265 | -265 | -435 | 16 | 266 | 233 | 33 | 6 | 33 | 16 | 1878 | 1876 | 1884 | 1884 |
| 16 | 26 | 283 | 26 | 257 | -257 | -546 | 17 | 265 | 226 | 39 | 13 | 39 | 17 | 1876 | 1878 | Immem | Immem |
| 17 | 26 | 282 | 26 | 256 | -256 | -351 | 18 | 263 | 225 | 38 | 12 | 38 | 18 | 1874 | 1876 | 1876 | 1876 |
| 18 | 26 | 282 | 26 | 256 | -256 | -413 | 19 | 257 | 225 | 32 | 6 | 32 | 19 | 1876 | 1874 | 1878 | 1878 |
| 19 | 26 | 318 | 26 | 292 | -292 | -457 | 20 | 284 | 257 | 27 | 1 | 27 | 20 | 1875 | 1876 | 1876 | 1876 |
| 20 | 27 | 304 | 27 | 277 | -277 | -671 | 21 | 286 | 244 | 42 | 15 | 42 | 21 | Immem | 1875 | 1874 | 1874 |
| 21 | 27 | 292 | 27 | 265 | -265 | -470 | 22 | 275 | 233 | 42 | 15 | 42 | 22 | 1874 | Immem | 1876 | 1876 |
| 22 | 26 | 293 | 26 | 267 | -267 | -492 | 23 | 273 | 235 | 38 | 12 | 38 | 23 | 1873 | 1874 | 1875 | 1875 |
| 23 | 26 | 292 | 26 | 266 | -266 | -423 | 24 | 273 | 234 | 39 | 13 | 39 | 24 | 1874 | 1873 | Immem | Immem |
| 24 | 25 | 292 | 25 | 267 | -267 | -343 | 25 | 271 | 235 | 36 | 11 | 36 | 25 | 1873 | 1874 | 1874 | 1874 |
| 25 | 26 | 294 | 26 | 268 | -268 | -439 | 26 | 269 | 236 | 33 | 7 | 33 | 26 | 1868 | 1873 | 1873 | 1873 |
| 26 | 26 | 270 | 26 | 244 | -244 | -517 | 27 | 254 | 215 | 39 | 13 | 39 | 27 | 1873 | 1868 | 1874 | 1874 |
| 27 | 26 | 293 | 26 | 267 | -267 | -366 | 28 | 271 | 235 | 36 | 10 | 36 | 28 | 1872 | 1873 | 1873 | 1873 |
| 28 | 27 | 295 | 27 | 268 | -268 | -565 | 29 | 271 | 236 | 35 | 8 | 35 | 29 | 1846 | 1872 | 1868 | 1868 |
| 29 | 27 | 296 | 27 | 269 | -269 | -471 | 30 | 271 | 237 | 34 | 7 | 34 | 30 | Immem | 1846 | 1873 | 1873 |
| 30 | 26 | 297 | 26 | 271 | -271 | -329 | | | | | | | | | | | |

24 hour lag allowed between Coolidge/Ashurst-Hayden Dams.

12% transit loss on daily Stored releases...

DETERMINATION OF PRIORITY WATER

MAY 2022

Mean daily discharge - cubic feet per second

| 2022 | SAN CARLOS RESERVOIR | | | | | ASHURST-HAYDEN DAM | | | | | DAILY CALL SYSTEM | | | | | VERSION 7.08 | |
|--------|----------------------|----------|--------------|----------------------|----------------|------------------------|----------|--------|--------------|---------------------|--------------------------------|------------------------|---------------|---------|-----------|--------------|----------------|
| | River Inflow | RELEASES | | STORAGE | | Sluiced and/or Spilled | Diverted | Stored | Natural Flow | Gain/Loss Nat. Flow | Nat. Flow Available to Project | COMPUTED PRIORITY YEAR | | | | | |
| | | Total | Natural Flow | Inflow Minus Outflow | Ac-ft S C Res. | | | | | | | MAY | Duncan Virden | Safford | Winkelman | | Ashurst-Hayden |
| APR 30 | 26 | 297 | 26 | 271 | -271 | -329 | 1 | 267 | 238 | 29 | 3 | 29 | 1 | Immem | 1872 | 1872 | |
| MAY 1 | 24 | 297 | 24 | 273 | -273 | -503 | 2 | 265 | 240 | 25 | 1 | 25 | 2 | " | 1846 | 1846 | |
| 2 | 22 | 295 | 22 | 273 | -273 | -427 | 3 | 269 | 240 | 29 | 7 | 29 | 3 | " | Immem | Immem | |
| 3 | 22 | 294 | 22 | 272 | -272 | -403 | 4 | 269 | 239 | 30 | 8 | 30 | 4 | " | " | " | |
| 4 | 21 | 292 | 21 | 271 | -271 | -484 | 5 | 267 | 238 | 29 | 8 | 29 | 5 | 1846 | " | " | |
| 5 | 21 | 291 | 21 | 270 | -270 | -419 | 6 | 268 | 238 | 30 | 9 | 30 | 6 | Immem | 1846 | " | |
| 6 | 20 | 290 | 20 | 270 | -270 | -434 | 7 | 267 | 238 | 29 | 9 | 29 | 7 | " | Immem | " | |
| 7 | 20 | 288 | 20 | 268 | -268 | -426 | 8 | 265 | 236 | 29 | 9 | 29 | 8 | " | 1846 | 1846 | |
| 8 | 18 | 285 | 18 | 267 | -267 | -415 | 9 | 264 | 235 | 29 | 11 | 29 | 9 | " | Immem | Immem | |
| 9 | 18 | 282 | 18 | 264 | -264 | -422 | 10 | 265 | 232 | 33 | 15 | 33 | 10 | " | " | " | |
| 10 | 17 | 281 | 17 | 264 | -264 | -500 | 11 | 266 | 232 | 34 | 17 | 34 | 11 | " | " | " | |
| 11 | 17 | 279 | 17 | 262 | -262 | -328 | 12 | 266 | 231 | 35 | 18 | 35 | 12 | " | " | " | |
| 12 | 17 | 277 | 17 | 260 | -260 | -405 | 13 | 268 | 229 | 39 | 22 | 39 | 13 | " | " | " | |
| 13 | 17 | 274 | 17 | 257 | -257 | -483 | 14 | 268 | 226 | 42 | 25 | 42 | 14 | " | " | " | |
| 14 | 18 | 272 | 18 | 254 | -254 | -371 | 15 | 268 | 224 | 44 | 26 | 44 | 15 | " | " | " | |
| 15 | 18 | 270 | 18 | 252 | -252 | -453 | 16 | 266 | 222 | 44 | 26 | 44 | 16 | " | " | " | |
| 16 | 18 | 267 | 18 | 249 | -249 | -267 | 17 | 264 | 219 | 45 | 27 | 45 | 17 | " | " | " | |
| 17 | 16 | 263 | 16 | 247 | -247 | -414 | 18 | 263 | 217 | 46 | 30 | 46 | 18 | " | " | " | |
| 18 | 16 | 260 | 16 | 244 | -244 | -396 | 19 | 261 | 215 | 46 | 30 | 46 | 19 | " | " | " | |
| 19 | 17 | 202 | 17 | 185 | -185 | -145 | 20 | 253 | 163 | 90 | 73 | 90 | 20 | 1924 | " | " | |
| 20 | 16 | | | | | | 21 | 119 | | 119 | 119 | 135 | 21 | " | 1924 | " | |
| 21 | 16 | | | 16 | 16 | | 22 | 61 | | 61 | 61 | 77 | 22 | " | " | " | |
| 22 | 16 | | | 16 | 16 | | 23 | 42 | | 42 | 42 | 58 | 23 | " | " | 1924 | |
| 23 | 16 | | | 16 | 16 | | 24 | 31 | | 31 | 31 | 47 | 24 | 1892 | " | " | |
| 24 | 17 | | | 17 | 17 | | 25 | 25 | | 25 | 25 | 42 | 25 | 1924 | " | " | |
| 25 | 16 | | | 16 | 16 | | 26 | 20 | | 20 | 20 | 36 | 26 | " | " | " | |
| 26 | 16 | | | 16 | 16 | | 27 | 16 | | 16 | 16 | 32 | 27 | " | " | 1892 | |
| 27 | 15 | | | 15 | 15 | | 28 | 13 | | 13 | 13 | 28 | 28 | " | " | 1924 | |
| 28 | 14 | | | 14 | 14 | | 29 | 11 | | 11 | 11 | 25 | 29 | " | " | " | |
| 29 | 14 | | | 14 | 14 | | 30 | 9 | | 9 | 9 | 23 | 30 | " | " | " | |
| 30 | 13 | | | 13 | 13 | | 31 | 7 | | 7 | 7 | 20 | 31 | " | " | " | |
| 31 | 14 | | | 14 | 14 | | | | | | | | | | | | |

24 hour lag allowed between Coolidge/Ashurst-Hayden Dams.

12% transit loss on daily Stored releases....

DETERMINATION OF PRIORITY WATER

JUNE 2022

Mean daily discharge - cubic feet per second

| 2022 | SAN CARLOS RESERVOIR | | | | ASHURST-HAYDEN DAM | | | | DAILY CALL SYSTEM | | | | VERSION 7.08 |
|--------|----------------------|----------|--------------|----------------------|------------------------|-----------------------|----------|---------------------|--------------------------------|------------------------|--------------|---------------|--------------|
| | River Inflow | RELEASES | | STORAGE | Sluiced and/or Spilled | ASHURST-HAYDEN DAM | | Gain/Loss Nat. Flow | Nat. Flow Available to Project | COMPUTED PRIORITY YEAR | | | |
| | | Total | Natural Flow | Inflow Minus Outflow | | Ac-ft change S C Res. | Diverted | | | Stored | Natural Flow | Duncan Virden | |
| MAY 31 | 14 | 14 | 14 | 14 | 6 | 6 | 6 | 20 | JUN 1 | 1924 | 1924 | 1924 | |
| JUN 1 | 13 | 13 | 13 | 13 | 4 | 4 | 4 | 17 | 2 | " | " | " | |
| JUN 2 | 12 | 12 | 12 | 12 | 3 | 3 | 3 | 15 | 3 | " | " | " | |
| JUN 3 | 12 | 12 | 12 | 12 | 2 | 2 | 2 | 14 | 4 | " | " | " | |
| JUN 4 | 11 | 11 | 11 | 11 | 1 | 1 | 1 | 12 | 5 | " | " | " | |
| JUN 5 | 11 | 11 | 11 | 11 | 1 | 1 | 1 | 12 | 6 | " | " | " | |
| JUN 6 | 10 | 10 | 10 | 10 | 1 | 1 | 1 | 11 | 7 | " | " | " | |
| JUN 7 | 10 | 10 | 10 | 10 | 1 | 1 | 1 | 11 | 8 | " | " | " | |
| JUN 8 | 11 | 11 | 11 | 11 | 0 | 0 | 0 | 11 | 9 | " | " | " | |
| JUN 9 | 11 | 11 | 11 | 11 | 0 | 0 | 0 | 11 | 10 | " | " | " | |
| JUN 10 | 10 | 10 | 10 | 10 | | | | 10 | 11 | " | " | " | |
| JUN 11 | 10 | 10 | 10 | 10 | | | | 10 | 12 | " | " | " | |
| JUN 12 | 9 | 9 | 9 | 9 | | | | 9 | 13 | " | " | " | |
| JUN 13 | 9 | 9 | 9 | 9 | | | | 9 | 14 | " | " | " | |
| JUN 14 | 9 | 9 | 9 | 9 | | | | 9 | 15 | " | " | " | |
| JUN 15 | 9 | 9 | 9 | 9 | | | | 9 | 16 | " | " | " | |
| JUN 16 | 9 | 9 | 9 | 9 | | | | 9 | 17 | " | " | " | |
| JUN 17 | 8 | 8 | 8 | 8 | | | | 8 | 18 | " | " | " | |
| JUN 18 | 8 | 8 | 8 | 8 | | | | 8 | 19 | " | " | " | |
| JUN 19 | 9 | 9 | 9 | 9 | | | | 9 | 20 | " | " | " | |
| JUN 20 | 9 | 9 | 9 | 9 | | | | 9 | 21 | " | " | " | |
| JUN 21 | 8 | 8 | 8 | 8 | | | | 8 | 22 | " | " | " | |
| JUN 22 | 10 | 10 | 10 | 10 | | | | 10 | 23 | " | " | " | |
| JUN 23 | 77 | 77 | 77 | 77 | | | | 77 | 24 | " | " | " | |
| JUN 24 | 179 | 179 | 179 | 179 | | | | 179 | 25 | " | " | " | |
| JUN 25 | 49 | 49 | 49 | 49 | | | | 49 | 26 | " | " | " | |
| JUN 26 | 21 | 21 | 21 | 21 | | | | 21 | 27 | " | " | " | |
| JUN 27 | 59 | 59 | 59 | 59 | | | | 59 | 28 | " | " | " | |
| JUN 28 | 24 | 24 | 24 | 24 | | | | 24 | 29 | " | " | " | |
| JUN 29 | 53 | 53 | 53 | 53 | | | | 53 | 30 | " | " | " | |
| JUN 30 | 61 | 61 | 61 | 61 | | | | 61 | | | | | |

24 hour lag allowed between Coolidge/Ashurst-Hayden Dams. 12% transit loss on daily Stored releases...

DETERMINATION OF PRIORITY WATER

JULY 2022

Mean daily discharge - cubic feet per second

| | SAN CARLOS RESERVOIR | | | | | ASHURST-HAYDEN DAM | | | | | DAILY CALL SYSTEM | | | | | VERSION 7.08 | |
|--------|----------------------|--------------|--------------|----------------------|-----------------------|------------------------|----------|--------|--------------|---------------------|--------------------------------|------------------------|---------|-----------|----------------|--------------|-------|
| | RELEASES | | STORAGE | | | Sluiced and/or Spilled | Diverted | Stored | Natural Flow | Gain/Loss Nat. Flow | Nat. Flow Available to Project | COMPUTED PRIORITY YEAR | | | | | |
| | Total | Natural Flow | Natural Flow | Inflow Minus Outflow | Ac-ft change S C Res. | | | | | | | Duncan Virden | Safford | Winkelman | Ashurst-Hayden | | |
| | River Inflow | | | | | | | | | | | | | | | | |
| JUN 30 | 61 | | | 61 | | | | | | | | | | 1924 | 1906 | 1924 | |
| JUL 1 | 90 | | | 90 | | | | | | | | | | " | 1924 | " | " |
| JUL 2 | 170 | | | 170 | | | | | | | | | | " | " | " | " |
| JUL 3 | 93 | | | 93 | | | | | | | | | | " | " | 1906 | 1906 |
| JUL 4 | 63 | | | 63 | | | | | | | | | | " | " | 1924 | 1924 |
| JUL 5 | 87 | | | 87 | | | | | | | | | | " | " | " | " |
| JUL 6 | 99 | | | 99 | | | | | | | | | | " | " | " | " |
| JUL 7 | 164 | | | 164 | | | | | | | | | | 1887 | " | " | " |
| JUL 8 | 227 | | | 227 | 99 | | | | | | | | | 1873 | 1887 | " | " |
| JUL 9 | 130 | | | 130 | 41 | | | | | | | | | Immem | 1873 | " | " |
| JUL 10 | 123 | | | 123 | 18 | | | | | | | | | Immem | 1883 | 1887 | 1887 |
| JUL 11 | 89 | | | 89 | | | | | | | | | | Immem | 1883 | 1873 | 1873 |
| JUL 12 | 50 | | | 50 | | | | | | | | | | 1924 | Immem | Immem | Immem |
| JUL 13 | 52 | | | 52 | | | | | | | | | | 1876 | 1883 | 1883 | 1883 |
| JUL 14 | 68 | | | 68 | | | | | | | | | | 1880 | 1876 | Immem | Immem |
| JUL 15 | 73 | | | 73 | | | | | | | | | | " | 1880 | 1924 | 1924 |
| JUL 16 | 49 | | | 49 | | | | | | | | | | " | " | 1876 | 1876 |
| JUL 17 | 28 | | | 28 | | | | | | | | | | 1884 | " | 1880 | 1880 |
| JUL 18 | 17 | | | 17 | | | | | | | | | | 1885 | 1884 | " | " |
| JUL 19 | 13 | | | 13 | | | | | | | | | | 1895 | 1902 | " | " |
| JUL 20 | 12 | | | 12 | | | | | | | | | | 1885 | 1885 | 1884 | 1884 |
| JUL 21 | 11 | | | 11 | | | | | | | | | | 1875 | 1898 | 1902 | 1902 |
| JUL 22 | 11 | | | 11 | | | | | | | | | | 1892 | 1875 | 1885 | 1885 |
| JUL 23 | 11 | | | 11 | | | | | | | | | | 1880 | 1892 | 1898 | 1898 |
| JUL 24 | 21 | 113 | 92 | -92 | | | | | 88 | | | | | Immem | 1880 | 1875 | 1875 |
| JUL 25 | 11 | 230 | 219 | -219 | | | | 109 | 261 | | | | | Immem | 1883 | 1892 | 1892 |
| JUL 26 | 11 | 227 | 216 | -216 | | | | 109 | 96 | | | | | 1895 | 1883 | 1880 | 1880 |
| JUL 27 | 214 | 224 | 10 | -167 | | | | 227 | 37 | | | | | 1896 | 1895 | Immem | Immem |
| JUL 28 | 661 | 58 | 58 | 603 | | | | 263 | 254 | | | | | 1896 | 1895 | 1883 | 1883 |
| JUL 29 | 655 | 80 | 80 | 575 | | | | 284 | 355 | | | | | 1924 | 1896 | 1895 | 1895 |
| JUL 30 | 251 | 180 | 180 | 71 | 10 | | | 270 | 639 | | | | | " | 1924 | 1895 | 1896 |
| JUL 31 | 298 | 148 | 148 | 150 | 157 | | | 347 | 249 | | | | | " | " | 1896 | 1896 |
| JUL 31 | 370 | 148 | 148 | 222 | 3 | | | 199 | 51 | | | | | " | " | 1924 | 1924 |

24 hour lag allowed between Coolidge/Ashurst-Hayden Dams.

12% transit loss on daily Stored releases...

DETERMINATION OF PRIORITY WATER

AUGUST 2022

Mean daily discharge - cubic feet per second

| 2022 JUL 31 AUG 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 | SAN CARLOS RESERVOIR | | | | ASHURST-HAYDEN DAM | | | | DAILY CALL SYSTEM | | | | VERSION 7.08 | |
|---|----------------------|-------|-----------------|--------|------------------------------|----------|--------|-----------------|------------------------|--------------------------------------|----------------------------|--------------------------------|-------------------|---------|
| | RELEASES | | STORAGE | | Sluiced and/or Spilled | Diverted | Stored | Natural Flow | Gain/Loss Nat. Flow | Nat. Flow Available to Project | COMPUTED PRIORITY YEAR | | VERSION 7.08 | |
| | River Inflow | Total | Natural Flow | Stored | | | | | | | Inflow Minus Outflow | Ac-ft change S C Res. | Duncan Viriden | Safford |
| | 370 | 148 | 148 | 222 | 3 | 58 | 170 | 170 | 80 | 450 | 1924 | 1924 | 1924 | 1924 |
| | 392 | 149 | 149 | 243 | | 256 | 256 | 256 | 107 | 499 | " | " | " | " |
| | 363 | 150 | 150 | 213 | | 24 | 149 | 149 | 23 | 386 | " | " | " | " |
| | 385 | 151 | 151 | 234 | 1300 | 479 | 259 | 259 | 587 | 972 | " | " | " | " |
| | 623 | 150 | 150 | 473 | 674 | 505 | 278 | 278 | 633 | 1256 | " | " | " | " |
| | 887 | 149 | 149 | 738 | 626 | 406 | 286 | 286 | 543 | 1430 | " | " | " | " |
| | 1021 | 154 | 154 | 867 | 1019 | 7 | 258 | 258 | 104 | 1125 | " | " | " | " |
| | 322 | 160 | 160 | 162 | 729 | 7 | 177 | 177 | 24 | 346 | 1899 | " | " | " |
| | 274 | 150 | 150 | 124 | 173 | 253 | 297 | 297 | 400 | 674 | 1899 | 1899 | " | " |
| | 332 | 47 | 47 | 285 | 387 | 821 | 330 | 330 | 1104 | 1436 | 1924 | 1924 | " | " |
| | 336 | | | 336 | 338 | 800 | 298 | 298 | 1098 | 1434 | " | " | 1899 | 1899 |
| | 326 | | | 326 | 425 | 1101 | 298 | 298 | 1399 | 1725 | " | " | 1924 | 1924 |
| | 361 | | | 361 | 271 | 205 | 257 | 257 | 462 | 823 | " | " | " | " |
| | 551 | 33 | 33 | 518 | 480 | 434 | 231 | 231 | 632 | 1183 | " | " | " | " |
| | 921 | 27 | 27 | 894 | 1247 | 955 | 252 | 252 | 1180 | 2101 | " | " | " | " |
| | 1017 | 59 | 59 | 959 | 1165 | 299 | 203 | 203 | 444 | 1461 | " | " | " | " |
| | 1163 | 80 | 80 | 1083 | 823 | 116 | 116 | 116 | 36 | 1199 | " | " | " | " |
| | 1471 | 82 | 82 | 1390 | 1949 | 111 | 111 | 111 | 30 | 1501 | " | " | " | " |
| | 1504 | 70 | 70 | 1434 | 1396 | 140 | 140 | 140 | 70 | 1574 | " | " | " | " |
| | 2510 | 43 | 43 | 2467 | 1916 | 118 | 118 | 118 | 75 | 2585 | " | " | " | " |
| | 1866 | | | 1866 | 2733 | 565 | 135 | 135 | 700 | 2566 | " | " | " | " |
| | 1934 | | | 1934 | 5038 | 1605 | 185 | 185 | 1790 | 3724 | " | " | " | " |
| | 2128 | | | 2128 | 2017 | 1370 | 204 | 204 | 1574 | 3702 | " | " | " | " |
| | 2319 | | | 2319 | 3234 | 516 | 248 | 248 | 764 | 3083 | " | " | " | " |
| | 2859 | | | 2859 | 3498 | 1161 | 324 | 324 | 1485 | 4344 | " | " | " | " |
| | 4442 | | | 4442 | 4342 | 782 | 288 | 288 | 1070 | 5512 | " | " | " | " |
| | 6124 | | | 6124 | 7162 | 615 | 346 | 346 | 961 | 7085 | " | " | " | " |
| | 5708 | | | 5708 | 9952 | 760 | 244 | 244 | 1004 | 6712 | " | " | " | " |
| | 4616 | 115 | 115 | 4501 | 9110 | 170 | 170 | 170 | 55 | 4671 | " | " | " | " |
| | 3704 | 231 | 231 | 3473 | 6507 | 5 | 244 | 244 | 18 | 3722 | " | " | " | " |
| | 3256 | 247 | 247 | 3009 | 5103 | | 255 | 255 | 8 | 3264 | " | " | " | " |
| | 2754 | 248 | 248 | 2506 | 4241 | | | | | | " | " | " | " |

24 hour lag allowed between Coolidge/Ashurst-Hayden Dams. 12% transit loss on daily Stored releases...

DETERMINATION OF PRIORITY WATER

SEPTEMBER 2022

Mean daily discharge - cubic feet per second

| 2022 | SAN CARLOS RESERVOIR | | | | ASHURST-HAYDEN DAM | | | | DAILY CALL SYSTEM | | | | VERSION 7.08 | | | |
|--------|----------------------|-------|--------------|----------------------|--------------------|------------------------|------------------------|--------|------------------------|---------------------|--------------------------------|-----|--------------|---------------|---------|-----------|
| | RELEASES | | STORAGE | | ASHURST-HAYDEN DAM | | COMPUTED PRIORITY YEAR | | COMPUTED PRIORITY YEAR | | | | | | | |
| | River Inflow | Total | Natural Flow | Inflow Minus Outflow | Ac-ft change S C | Sluiced and/or Spilled | Diverted | Stored | Natural Flow | Gain/Loss Nat. Flow | Nat. Flow Available to Project | SEP | | Duncan Virden | Safford | Winkelman |
| AUG 31 | 2754 | 248 | 248 | 2506 | 4241 | | 252 | 252 | 252 | 4 | 2758 | 1 | 1924 | 1924 | 1924 | 1924 |
| SEP 1 | 2078 | 250 | 250 | 1828 | 2900 | | 250 | 250 | 250 | | 2078 | 2 | " | " | " | " |
| 2 | 1555 | 252 | 252 | 1303 | 1863 | | 247 | 247 | 247 | -5 | 1550 | 3 | " | " | " | " |
| 3 | 1151 | 260 | 260 | 891 | 1210 | | 244 | 244 | 244 | -16 | 1135 | 4 | " | " | " | " |
| 4 | 943 | 264 | 264 | 679 | 924 | | 243 | 243 | 243 | -21 | 922 | 5 | " | " | " | " |
| 5 | 791 | 265 | 265 | 526 | 675 | | 242 | 242 | 242 | -23 | 768 | 6 | " | " | " | " |
| 6 | 660 | 313 | 313 | 347 | 338 | | 258 | 258 | 258 | -55 | 605 | 7 | " | " | " | " |
| 7 | 532 | 387 | 387 | 145 | 42 | | 296 | 296 | 296 | -91 | 441 | 8 | 1915 | " | " | " |
| 8 | 431 | 374 | 374 | 57 | 43 | 45 | 286 | 286 | 286 | -43 | 388 | 9 | 1924 | 1915 | " | " |
| 9 | 384 | 300 | 300 | 84 | -85 | | 270 | 270 | 270 | -30 | 354 | 10 | 1885 | 1924 | 1924 | 1924 |
| 10 | 337 | 301 | 301 | 36 | -42 | | 267 | 267 | 267 | -34 | 303 | 11 | Immen | 1885 | 1915 | 1915 |
| 11 | 302 | 301 | 301 | 1 | -212 | | 273 | 273 | 273 | -28 | 274 | 12 | 1894 | Immen | 1924 | 1924 |
| 12 | 269 | 250 | 250 | 19 | 85 | | 268 | 268 | 268 | 18 | 287 | 13 | 1924 | 1885 | 1885 | 1885 |
| 13 | 260 | 205 | 205 | 55 | -42 | | 224 | 224 | 224 | 19 | 279 | 14 | " | 1924 | 1885 | 1885 |
| 14 | 462 | 202 | 202 | 260 | 169 | | 209 | 209 | 209 | 7 | 469 | 15 | " | " | 1894 | 1894 |
| 15 | 563 | 202 | 202 | 361 | 423 | | 204 | 204 | 204 | 2 | 565 | 16 | " | " | 1924 | 1924 |
| 16 | 497 | 199 | 199 | 298 | 297 | | 194 | 194 | 194 | -5 | 492 | 17 | " | " | " | " |
| 17 | 450 | 202 | 202 | 248 | 298 | | 192 | 192 | 192 | -10 | 440 | 18 | " | " | " | " |
| 18 | 398 | 204 | 204 | 194 | 213 | | 191 | 191 | 191 | -13 | 385 | 19 | " | " | " | " |
| 19 | 367 | 203 | 203 | 164 | 170 | | 192 | 192 | 192 | -11 | 356 | 20 | " | " | " | " |
| 20 | 334 | 201 | 201 | 133 | 171 | | 195 | 195 | 195 | -6 | 328 | 21 | " | " | " | " |
| 21 | 845 | 203 | 203 | 642 | 598 | | 237 | 237 | 237 | 34 | 879 | 22 | " | " | " | " |
| 22 | 1637 | 204 | 204 | 1433 | 1935 | | 245 | 245 | 245 | 41 | 1678 | 23 | " | " | " | " |
| 23 | 1870 | 233 | 233 | 1637 | 2478 | | 217 | 217 | 217 | -16 | 1854 | 24 | " | " | " | " |
| 24 | 1731 | 257 | 257 | 1474 | 2259 | | 216 | 216 | 216 | -26 | 1705 | 25 | " | " | " | " |
| 25 | 1240 | 256 | 256 | 984 | 1632 | | 35 | 198 | 198 | -23 | 1217 | 26 | " | " | " | " |
| 26 | 926 | 250 | 250 | 676 | 920 | | 50 | 211 | 211 | 11 | 937 | 27 | " | " | " | " |
| 27 | 788 | 249 | 249 | 539 | 650 | | 15 | 228 | 228 | -6 | 782 | 28 | " | " | " | " |
| 28 | 682 | 254 | 254 | 428 | 467 | | 226 | 226 | 226 | -28 | 654 | 29 | " | " | " | " |
| 29 | 594 | 255 | 255 | 339 | 376 | | 227 | 227 | 227 | -28 | 566 | 30 | " | " | " | " |
| 30 | 510 | 255 | 255 | 255 | 230 | | | | | | | | | | | |

24 hour lag allowed between Coolidge/Ashurst-Hayden Dams.

12% transit loss on daily Stored releases...

DETERMINATION OF PRIORITY WATER

OCTOBER 2022

Mean daily discharge - cubic feet per second

| 2022 | SAN CARLOS RESERVOIR | | | | ASHURST-HAYDEN DAM | | | | DAILY CALL SYSTEM | | | | VERSION 7.08 | | | | |
|--------|----------------------|-------|--------------|--------|------------------------|-----------------------|--------------|----------|------------------------|--------------|--------------------------------|--------------------------------|--------------|------|---------------|---------|-----------|
| | RELEASES | | STORAGE | | Sluiced and/or Spilled | | Natural Flow | | COMPUTED PRIORITY YEAR | | COMPUTED PRIORITY YEAR | | | | | | |
| | River Inflow | Total | Natural Flow | Stored | Inflow Minus Outflow | Ac-ft change S C Res. | OCT | Diverted | Stored | Natural Flow | Gain/Loss Nat. Flow to Project | Nat. Flow Available to Project | | OCT | Duncan Virden | Safford | Winkelman |
| SEP 30 | 510 | 255 | 255 | 230 | 255 | 230 | 1 | 228 | 228 | 228 | -27 | 483 | 1 | 1924 | 1924 | 1924 | 1924 |
| OCT 1 | 447 | 239 | 239 | 288 | 208 | 288 | 2 | 227 | 227 | 227 | -12 | 435 | 2 | " | " | " | " |
| OCT 2 | 407 | 239 | 239 | 95 | 168 | 95 | 3 | 226 | 226 | 226 | -13 | 394 | 3 | " | " | " | " |
| OCT 3 | 383 | 239 | 239 | 237 | 144 | 237 | 4 | 245 | 245 | 245 | 6 | 389 | 4 | " | " | " | " |
| OCT 4 | 337 | 238 | 238 | 99 | 99 | 99 | 5 | 250 | 250 | 250 | 12 | 349 | 5 | " | " | " | " |
| OCT 5 | 392 | 238 | 238 | 95 | 154 | 95 | 6 | 248 | 248 | 248 | 10 | 402 | 6 | " | " | " | " |
| OCT 6 | 480 | 237 | 237 | 238 | 243 | 238 | 7 | 245 | 245 | 245 | 8 | 488 | 7 | " | " | " | " |
| OCT 7 | 601 | 240 | 240 | 286 | 361 | 286 | 8 | 251 | 251 | 251 | 11 | 612 | 8 | " | " | " | " |
| OCT 8 | 941 | 240 | 240 | 719 | 701 | 719 | 9 | 259 | 259 | 259 | 19 | 960 | 9 | " | " | " | " |
| OCT 9 | 1355 | 238 | 238 | 1651 | 1117 | 1651 | 10 | 240 | 240 | 240 | 2 | 1357 | 10 | " | " | " | " |
| OCT 10 | 1370 | 236 | 236 | 1679 | 1134 | 1679 | 11 | 248 | 248 | 248 | 12 | 1382 | 11 | " | " | " | " |
| OCT 11 | 1840 | 258 | 258 | 2264 | 1582 | 2264 | 12 | 243 | 243 | 243 | -15 | 1825 | 12 | " | " | " | " |
| OCT 12 | 2450 | 272 | 272 | 3148 | 2178 | 3148 | 13 | 242 | 242 | 242 | -30 | 2420 | 13 | " | " | " | " |
| OCT 13 | 3010 | 274 | 274 | 3886 | 2736 | 3886 | 14 | 258 | 258 | 258 | 14 | 3024 | 14 | " | " | " | " |
| OCT 14 | 2640 | 193 | 193 | 4406 | 2447 | 4406 | 15 | 235 | 235 | 235 | 42 | 2682 | 15 | " | " | " | " |
| OCT 15 | 2070 | 150 | 150 | 3715 | 1920 | 3715 | 16 | 194 | 194 | 194 | 44 | 2114 | 16 | " | " | " | " |
| OCT 16 | 1915 | 148 | 148 | 3128 | 1767 | 3128 | 17 | 145 | 145 | 145 | -3 | 1912 | 17 | " | " | " | " |
| OCT 17 | 1362 | 136 | 136 | 2178 | 1226 | 2178 | 18 | 141 | 141 | 141 | 65 | 1427 | 18 | " | " | " | " |
| OCT 18 | 1340 | 112 | 112 | 1846 | 1228 | 1846 | 19 | 147 | 147 | 147 | 35 | 1375 | 19 | " | " | " | " |
| OCT 19 | 1790 | 111 | 111 | 2321 | 1679 | 2321 | 20 | 142 | 142 | 142 | 31 | 1821 | 20 | " | " | " | " |
| OCT 20 | 2470 | 111 | 111 | 3570 | 2359 | 3570 | 21 | 135 | 135 | 135 | 24 | 2494 | 21 | " | " | " | " |
| OCT 21 | 3051 | 111 | 111 | 4439 | 2940 | 4439 | 22 | 130 | 130 | 130 | 19 | 3070 | 22 | " | " | " | " |
| OCT 22 | 2711 | 109 | 109 | 4554 | 2602 | 4554 | 23 | 125 | 125 | 125 | 16 | 2727 | 23 | " | " | " | " |
| OCT 23 | 2050 | 109 | 109 | 3149 | 1941 | 3149 | 24 | 121 | 121 | 121 | 12 | 2062 | 24 | " | " | " | " |
| OCT 24 | 1650 | 111 | 111 | 2502 | 1539 | 2502 | 25 | 115 | 115 | 115 | 4 | 1654 | 25 | " | " | " | " |
| OCT 25 | 1400 | 105 | 105 | 2025 | 1295 | 2025 | 26 | 110 | 110 | 110 | 5 | 1405 | 26 | " | " | " | " |
| OCT 26 | 1380 | 111 | 111 | 1974 | 1269 | 1974 | 27 | 104 | 104 | 104 | -7 | 1373 | 27 | " | " | " | " |
| OCT 27 | 1440 | 111 | 111 | 2046 | 1329 | 2046 | 28 | 109 | 109 | 109 | -2 | 1438 | 28 | " | " | " | " |
| OCT 28 | 1330 | 111 | 111 | 1997 | 1219 | 1997 | 29 | 112 | 112 | 112 | 1 | 1331 | 29 | " | " | " | " |
| OCT 29 | 1210 | 131 | 131 | 1563 | 1079 | 1563 | 30 | 114 | 114 | 114 | -17 | 1193 | 30 | " | " | " | " |
| OCT 30 | 1120 | 146 | 146 | 1383 | 974 | 1383 | 31 | 141 | 141 | 141 | -5 | 1115 | 31 | " | " | " | " |
| OCT 31 | 1040 | 153 | 153 | 1387 | 887 | 1387 | | | | | | | | | | | |

24 hour lag allowed between Coolidge/Ashurst-Hayden Dams. 12% transit loss on daily Stored releases...

DETERMINATION OF PRIORITY WATER

NOVEMBER 2022

Mean daily discharge - cubic feet per second

| 2022 | SAN CARLOS RESERVOIR | | | | | ASHURST-HAYDEN DAM | | | | | DAILY CALL SYSTEM | | | | | VERSION 7.08 |
|--------|----------------------|----------|--------------|---------|----------------------|------------------------|----------|--------|--------------|--------------------------------|--------------------------------|------------------------|------|---------------|---------|--------------|
| | River Inflow | RELEASES | | STORAGE | | Sluiced and/or Spilled | Diverted | Stored | Natural Flow | Gain/Loss Nat. Flow to Project | Nat. Flow Available to Project | COMPUTED PRIORITY YEAR | | | | |
| | | Total | Natural Flow | Stored | Inflow Minus Outflow | | | | | | | Ac-ft change S C Res. | NOV | Duncan Virden | Safford | |
| OCT 31 | 1040 | 153 | 153 | 887 | 1387 | 1 | 138 | 138 | 138 | -15 | 1025 | 1 | 1924 | 1924 | 1924 | |
| NOV 1 | 968 | 291 | 291 | 677 | 1075 | 2 | 151 | 151 | 151 | -140 | 828 | 2 | " | " | " | |
| 2 | 903 | 152 | 152 | 751 | 1205 | 3 | 162 | 162 | 162 | 10 | 913 | 3 | " | " | " | |
| 3 | 851 | 140 | 140 | 711 | 1081 | 4 | 161 | 161 | 161 | 21 | 872 | 4 | " | " | " | |
| 4 | 798 | 114 | 114 | 684 | 956 | 5 | 152 | 152 | 152 | 38 | 836 | 5 | " | " | " | |
| 5 | 755 | 114 | 114 | 641 | 895 | 6 | 140 | 140 | 140 | 26 | 781 | 6 | " | " | " | |
| 6 | 717 | 114 | 114 | 603 | 832 | 7 | 132 | 132 | 132 | 18 | 735 | 7 | " | " | " | |
| 7 | 681 | 114 | 114 | 567 | 706 | 8 | 124 | 124 | 124 | 10 | 691 | 8 | " | " | " | |
| 8 | 640 | 114 | 114 | 526 | 385 | 9 | 119 | 119 | 119 | 5 | 645 | 9 | " | " | " | |
| 9 | 602 | 114 | 114 | 488 | 708 | 10 | 124 | 124 | 124 | 10 | 612 | 10 | " | " | " | |
| 10 | 569 | 114 | 114 | 455 | 644 | 11 | 120 | 120 | 120 | 6 | 575 | 11 | " | " | " | |
| 11 | 541 | 114 | 114 | 427 | 516 | 12 | 115 | 115 | 115 | 1 | 542 | 12 | " | " | " | |
| 12 | 517 | 114 | 114 | 403 | 581 | 13 | 126 | 126 | 126 | 12 | 529 | 13 | " | " | " | |
| 13 | 498 | 114 | 114 | 384 | 518 | 14 | 125 | 125 | 125 | 11 | 509 | 14 | " | " | " | |
| 14 | 480 | 114 | 114 | 366 | 453 | 15 | 126 | 126 | 126 | 12 | 492 | 15 | " | " | " | |
| 15 | 459 | 114 | 114 | 345 | 518 | 16 | 125 | 125 | 125 | 11 | 470 | 16 | " | " | " | |
| 16 | 439 | 114 | 114 | 325 | 455 | 17 | 123 | 123 | 123 | 9 | 448 | 17 | " | " | " | |
| 17 | 426 | 131 | 131 | 295 | 389 | 18 | 128 | 128 | 128 | -3 | 423 | 18 | " | " | " | |
| 18 | 418 | 140 | 140 | 278 | 260 | 19 | 150 | 150 | 150 | 10 | 428 | 19 | " | " | " | |
| 19 | 411 | 140 | 140 | 271 | 586 | 20 | 151 | 151 | 151 | 11 | 422 | 20 | " | " | " | |
| 20 | 394 | 140 | 140 | 254 | 130 | 21 | 151 | 151 | 151 | 11 | 405 | 21 | " | " | " | |
| 21 | 379 | 140 | 140 | 239 | 261 | 22 | 149 | 149 | 149 | 9 | 388 | 22 | " | " | " | |
| 22 | 374 | 140 | 140 | 234 | 261 | 23 | 155 | 155 | 155 | 15 | 389 | 23 | " | " | " | |
| 23 | 367 | 140 | 140 | 227 | 391 | 24 | 154 | 154 | 154 | 14 | 381 | 24 | " | " | " | |
| 24 | 357 | 140 | 140 | 217 | 131 | 25 | 155 | 155 | 155 | 15 | 372 | 25 | " | " | " | |
| 25 | 341 | 173 | 173 | 168 | 130 | 26 | 167 | 167 | 167 | -6 | 335 | 26 | " | " | " | |
| 26 | 326 | 190 | 190 | 136 | 65 | 27 | 199 | 199 | 199 | 9 | 335 | 27 | " | " | " | |
| 27 | 321 | 190 | 190 | 131 | 131 | 28 | 203 | 203 | 203 | 13 | 334 | 28 | " | " | " | |
| 28 | 327 | 190 | 190 | 137 | 196 | 29 | 205 | 205 | 205 | 15 | 342 | 29 | " | " | " | |
| 29 | 323 | 190 | 190 | 133 | 133 | 30 | 204 | 204 | 204 | 14 | 337 | 30 | " | " | " | |
| 30 | 312 | 190 | 190 | 122 | 66 | | | | | | | | | | | |

24 hour lag allowed between Coolidge/Ashurst-Hayden Dams.

12% transit loss on daily Stored releases...

DETERMINATION OF PRIORITY WATER

DECEMBER 2022

Mean daily discharge - cubic feet per second

| 2022 | SAN CARLOS RESERVOIR | | | | | ASHURST-HAYDEN DAM | | | | | DAILY CALL SYSTEM | | | | | VERISON 7.08 |
|--------|----------------------|-------|--------------|--------|----------------------|------------------------|-----|----------|--------|--------------|---------------------|--------------------------------|---------------|---------|-----------|--------------|
| | RELEASES | | STORAGE | | | Sluiced and/or Spilled | | Stored | | Natural Flow | | COMPUTED PRIORITY YEAR | | | | |
| | River Inflow | Total | Natural Flow | Stored | Inflow Minus Outflow | Ac-ft change S C Res. | DEC | Diverted | Stored | Natural Flow | Gain/Loss Nat. Flow | Nat. Flow Available to Project | Duncan Virden | Safford | Winkelman | |
| NOV 30 | 312 | 190 | 190 | 122 | 122 | 66 | 1 | 202 | 202 | 202 | 12 | 324 | 1 | 1924 | 1924 | 1924 |
| DEC 1 | 299 | 190 | 190 | 109 | 109 | 65 | 2 | 201 | 201 | 201 | 11 | 310 | 2 | " | " | " |
| 2 | 294 | 190 | 190 | 104 | 104 | | 3 | 205 | 205 | 205 | 15 | 309 | 3 | " | " | " |
| 3 | 293 | 191 | 191 | 102 | 102 | 982 | 4 | 820 | 187 | 187 | 816 | 1109 | 4 | " | " | " |
| 4 | 459 | 158 | 158 | 301 | 301 | 1313 | 5 | 1800 | 168 | 168 | 1810 | 2269 | 5 | " | " | " |
| 5 | 1899 | 32 | 32 | 1867 | 1867 | 2045 | 6 | 300 | 69 | 69 | 337 | 2236 | 6 | " | " | " |
| 6 | 2070 | 106 | 106 | 1964 | 1964 | 2930 | 7 | 100 | 54 | 54 | 48 | 2118 | 7 | " | " | " |
| 7 | 3230 | 158 | 158 | 3072 | 3072 | 4521 | 8 | 80 | 98 | 98 | 20 | 3250 | 8 | " | " | " |
| 8 | 3085 | 120 | 120 | 2965 | 2965 | 5284 | 9 | 100 | 130 | 130 | 110 | 3195 | 9 | " | " | " |
| 9 | 2191 | 71 | 71 | 2120 | 2120 | 3831 | 10 | 10 | 120 | 120 | 59 | 2250 | 10 | " | " | " |
| 10 | 1732 | 72 | 72 | 1660 | 1660 | 2888 | 11 | 10 | 120 | 120 | 58 | 1790 | 11 | " | " | " |
| 11 | 1425 | 72 | 72 | 1353 | 1353 | 2415 | 12 | 10 | 101 | 101 | 39 | 1464 | 12 | " | " | " |
| 12 | 1230 | 33 | 33 | 1198 | 1198 | 2146 | 13 | 20 | 98 | 98 | 86 | 1316 | 13 | " | " | " |
| 13 | 1132 | 11 | 11 | 1121 | 1121 | 1944 | 14 | 89 | 89 | 89 | 79 | 1211 | 14 | " | " | " |
| 14 | 1064 | 11 | 11 | 1053 | 1053 | 1810 | 15 | 72 | 72 | 72 | 62 | 1126 | 15 | " | " | " |
| 15 | 993 | 75 | 75 | 918 | 918 | 1382 | 16 | 62 | 62 | 62 | -12 | 981 | 16 | " | " | " |
| 16 | 931 | 132 | 132 | 799 | 799 | 1241 | 17 | 110 | 110 | 110 | -22 | 909 | 17 | " | " | " |
| 17 | 882 | 132 | 132 | 750 | 750 | 1026 | 18 | 20 | 104 | 104 | -8 | 874 | 18 | " | " | " |
| 18 | 836 | 132 | 132 | 704 | 704 | 1030 | 19 | 20 | 83 | 83 | -29 | 807 | 19 | " | " | " |
| 19 | 779 | 115 | 115 | 664 | 664 | 958 | 20 | 108 | 108 | 108 | -7 | 772 | 20 | " | " | " |
| 20 | 718 | 147 | 147 | 571 | 571 | 813 | 21 | 160 | 160 | 160 | 13 | 731 | 21 | " | " | " |
| 21 | 663 | 171 | 171 | 492 | 492 | 741 | 22 | 241 | 241 | 241 | 70 | 733 | 22 | " | " | " |
| 22 | 631 | 121 | 121 | 510 | 510 | 742 | 23 | 181 | 181 | 181 | 60 | 691 | 23 | " | " | " |
| 23 | 610 | 114 | 114 | 496 | 496 | 670 | 24 | 158 | 158 | 158 | 44 | 654 | 24 | " | " | " |
| 24 | 576 | 140 | 140 | 436 | 436 | 670 | 25 | 157 | 157 | 157 | 17 | 593 | 25 | " | " | " |
| 25 | 546 | 152 | 152 | 394 | 394 | 598 | 26 | 178 | 178 | 178 | 26 | 572 | 26 | " | " | " |
| 26 | 520 | 152 | 152 | 368 | 368 | 523 | 27 | 179 | 179 | 179 | 27 | 547 | 27 | " | " | " |
| 27 | 493 | 152 | 152 | 341 | 341 | 600 | 28 | 184 | 184 | 184 | 32 | 525 | 28 | " | " | " |
| 28 | 481 | 119 | 119 | 362 | 362 | 825 | 29 | 183 | 183 | 183 | 64 | 545 | 29 | " | " | " |
| 29 | 705 | 73 | 73 | 632 | 632 | 1054 | 30 | 150 | 150 | 150 | 77 | 782 | 30 | " | " | " |
| 30 | 722 | 29 | 29 | 693 | 693 | 1283 | 31 | 20 | 120 | 120 | 111 | 833 | 31 | " | " | " |
| 31 | 641 | 11 | 11 | 631 | 631 | 1213 | | | | | | | | | | |

24 hour lag allowed between Coolidge/Ashurst-Hayden Dams.

12% transit loss on daily Stored releases...

RELATIVE DIVERSION RIGHT FOR DUNCAN VALLEY

Based on one cubic foot per second for each eighty acres

THEN BEING IRRIGATED

| Year | Sunset | | New Model | | Valley | | Laura Short | | Albert | | Total | | |
|--------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|------------|-------------|-------------|-------------------|------|
| | Decreed | TBI 2022 | Decreed | TBI 2022 | Decreed | TBI 2022 | Decreed | TBI 2022 | Decreed | TBI 2022 | Decreed | Total Modified | |
| 1874 | 6.3 | 5.1 | | | | | | | | | 6.3 | 5.1 | |
| 1881 | 12.1 | 9.7 | | | | | | | | | 12.1 | 9.7 | |
| 1882 | 13.2 | 10.6 | | | | | | | | | 13.2 | 10.6 | |
| 1884 | | | 0.4 | 0.2 | | | | | | | 13.7 | 10.8 | |
| 1885 | 15.5 | 12.4 | 2.1 | 1.2 | 1.0 | 0.5 | | 0.1 | | 0.5 | 18.7 | 14.1 | |
| 1886 | | | 4.0 | 2.3 | 2.0 | 1.0 | | | | | 21.6 | 15.7 | |
| 1887 | 16.1 | 12.9 | 4.1 | 2.3 | | | | | | | 22.3 | 16.2 | |
| 1888 | | | 6.5 | 3.7 | 7.2 | 3.6 | | | | | 29.9 | 20.2 | |
| 1889 | | | 7.8 | 4.4 | | | | | | | 31.2 | 20.9 | |
| 1891 | 16.5 | 13.2 | 7.9 | 4.5 | | | | | | | 31.7 | 21.3 | |
| 1892 | 17.7 | 14.2 | 8.0 | 4.6 | | | | | | | 32.9 | 22.4 | |
| 1893 | 17.8 | 14.3 | 8.7 | 5.0 | | | | | | | 33.8 | 22.9 | |
| 1894 | | | 11.0 | 6.3 | 8.2 | 4.1 | | | | | 37.1 | 24.7 | |
| 1895 | 19.8 | 15.9 | 11.9 | 6.8 | 9.6 | 4.8 | | | | | 41.4 | 27.5 | |
| 1896 | 21.0 | 16.9 | 14.0 | 8.0 | | | | | | | 44.8 | 29.7 | |
| 1897 | 21.1 | 16.9 | 22.1 | 12.6 | 13.7 | 6.9 | 0.9 | | | | 58.3 | 36.4 | |
| 1898 | 24.4 | 19.6 | 28.2 | 16.1 | 14.4 | 7.3 | | | | | 68.4 | 43.0 | |
| 1900 | 27.6 | 22.2 | 29.3 | 16.7 | 14.6 | 7.4 | 1.1 | 0.8 | | | 72.9 | 46.3 | |
| 1901 | | | 16.7 | 16.7 | | | 1.2 | 0.6 | | | | 76.1 | 46.3 |
| 1902 | | | | | | | 1.6 | 1.3 | | | | 78.2 | 46.3 |
| 1903 | | | | | | | 2.4 | 1.3 | | | | 79.3 | 46.3 |
| 1904 | | | | | | | 3.0 | | | | | 81.3 | 47.2 |
| 1905 | 28.5 | 22.9 | 29.9 | 17.1 | 15.1 | 7.6 | 3.4 | | | | 74.3 | 47.7 | |
| 1906 | | | 30.1 | 17.2 | 15.2 | 7.7 | | | | | 75.0 | 47.7 | |
| 1907 | | | 30.2 | 17.2 | | | 5.0 | 2.1 | | | 75.2 | 47.8 | |
| 1908 | | | 30.9 | 17.6 | 16.6 | 8.4 | 5.3 | 3.6 | 0.1 | | 77.4 | 48.9 | |
| 1909 | | | 30.9 | 17.6 | | | | | | | 77.6 | 48.9 | |
| 1910 | | | 31.1 | 17.7 | | | | 0.6 | 0.3 | | 78.2 | 49.0 | |
| 1911 | 29.1 | 23.4 | 31.1 | 17.7 | | | 1.4 | 1.7 | | | 78.2 | 49.5 | |
| 1912 | | | 31.3 | 17.8 | | | | | | | 78.4 | 49.6 | |
| 1913 | | | 31.4 | 17.9 | | | | | | | 78.5 | 49.7 | |
| 1914 | 29.4 | 23.6 | 31.7 | 18.1 | | | | | 0.1 | | 79.1 | 50.1 | |
| 1915 | | | 31.8 | 18.1 | 17.0 | 8.6 | 5.4 | | | | 79.5 | 50.3 | |
| 1916 | | | 33.6 | 18.6 | 17.1 | 8.6 | 5.5 | 3.8 | 0.6 | | 84.1 | 50.3 | |
| 1917 | | | 31.9 | 18.2 | 17.2 | 8.7 | 5.5 | | | | 84.1 | 53.9 | |
| 1918 | | | 34.4 | 18.2 | 17.3 | 8.7 | | | | | 85.0 | 54.5 | |
| 1919 | | | | | | | 1.7 | 1.8 | | | 85.2 | 54.5 | |
| 1920 | | | 32.1 | 18.3 | | | | | | | 85.3 | 54.6 | |
| 1921 | | | 18.3 | | | | | | | | 85.3 | 54.7 | |
| 1926 | 34.5 | 27.7 | | | | | | | | | 85.8 | 54.9 | |
| 1929 | 34.5 | 27.7 | 32.5 | 18.5 | 17.3 | 8.7 | 5.5 | 1.7 | 1.8 | 3.9 | 85.8 | 54.9 | |
| Total | 34.5 | 27.7 | 32.5 | 18.5 | 17.3 | 8.7 | 5.5 | 1.7 | 1.8 | 3.9 | 85.8 | 55.1 | |

| | | | | | | | | | | | | | | | |
|----------------------|----------|----------|----------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|----------|
| DECREED ACRES | 2,759.90 | 2,576.31 | 1,386.85 | 441.00 | 137.90 | 144.10 | 315.10 | 11.60 | 49.80 | 25.60 | 26.30 | 36.50 | 0.00 | 8.80 | 7,919.76 |
| TBI ACRES | 2,215.99 | 1,469.16 | 699.80 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 4,384.95 |
| % REDUCTION | 19.71% | 42.97% | 49.54% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 44.63% |
| % ACRES TBI | 80.29% | 57.03% | 50.46% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 55.37% |

Note: For blank spaces use first figure above.

2022

COMPARISON OF U.S.G.S. 2021 DATA TO FINAL DATA

Negative number means revised down from original data.

| STATION | JAN REVISED AC-FT | FEB REVISED AC-FT | MAR REVISED AC-FT | APR REVISED AC-FT | MAY REVISED AC-FT | JUN REVISED AC-FT | JUL REVISED AC-FT | AUG REVISED AC-FT | SEP REVISED AC-FT | OCT REVISED AC-FT | NOV REVISED AC-FT | DEC REVISED AC-FT | TOTAL REVISED AC-FT |
|-------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|---------------------------|
| Gila Below Blue Creek | 1142 | -1 | -71 | -1 | 0 | -699 | -1354 | -311 | 396 | 2864 | -3 | 37 | 1998 |
| Gila River Near Clifton | -171 | 119 | 60 | 0 | 4 | -1 | -26 | -505 | 26 | 18 | 235 | 86 | -155 |
| San Francisco River @ Clifton | 1845 | 0 | -1 | 0 | 0 | 0 | 1 | 4363 | -2422 | -7577 | -29 | -8280 | -12101 |
| Head of Safford Valley | -3 | -57 | -2 | -1 | -1 | 71 | 1689 | 16314 | 4472 | 12009 | -412 | -3090 | 30988 |
| Gila @ Calva | -71 | -4 | 0 | 0 | -19 | 52 | 493 | 4317 | -129 | 792 | -1054 | -645 | 3730 |
| San Carlos River @ Peridot | -2 | -1 | 0 | 0 | 7 | 0 | 17 | 94 | 4 | 6 | 0 | 1 | 126 |
| Gila Below Coolidge Dam | 0 | -2 | -2 | -23 | 19 | 48 | -95 | -212 | -893 | 101 | -168 | -9 | -1235 |
| Gila @ Kelvin | 0 | -2 | 20 | 98 | 153 | 5 | -287 | 1867 | 69 | 110433 | 102 | 140 | 112597 |
| Florence Casa Grande Canal | 0 | -2 | 1 | 129 | 175 | 0 | 1 | 10 | 20 | 5764 | 266 | 525 | 6889 |

2022

Gila River Below Blue Creek Near Virden, New Mexico

Mean daily diversions, cubic feet per second

| 2022 DAY | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
|--------------|-------|-------|-------|-------|-------|-------|--------|---------|--------|--------|--------|--------|
| 1 | 87 | 95 | 84 | 64 | 28 | 5 | 333 | 541 | 555 | 245 | 376 | 192 |
| 2 | 97 | 95 | 80 | 64 | 28 | 4 | 293 | 293 | 507 | 228 | 356 | 190 |
| 3 | 97 | 95 | 82 | 56 | 26 | 4 | 302 | 268 | 473 | 219 | 338 | 193 |
| 4 | 93 | 96 | 79 | 49 | 25 | 3 | 302 | 496 | 441 | 228 | 322 | 203 |
| 5 | 88 | 96 | 72 | 51 | 25 | 3 | 347 | 260 | 412 | 416 | 310 | 283 |
| 6 | 86 | 96 | 70 | 56 | 23 | 3 | 362 | 247 | 389 | 495 | 301 | 541 |
| 7 | 83 | 96 | 65 | 62 | 23 | 2 | 281 | 274 | 359 | 552 | 291 | 596 |
| 8 | 83 | 95 | 58 | 64 | 23 | 2 | 400 | 242 | 326 | 603 | 280 | 544 |
| 9 | 81 | 93 | 59 | 64 | 21 | 2 | 420 | 234 | 301 | 2220 | 270 | 486 |
| 10 | 80 | 92 | 59 | 65 | 19 | 2 | 400 | 273 | 290 | 2890 | 263 | 440 |
| 11 | 77 | 91 | 61 | 63 | 17 | 2 | 300 | 405 | 285 | 1900 | 256 | 432 |
| 12 | 77 | 89 | 63 | 62 | 16 | 1 | 260 | 669 | 323 | 1450 | 250 | 386 |
| 13 | 77 | 87 | 62 | 66 | 16 | 1 | 315 | 633 | 375 | 1150 | 245 | 364 |
| 14 | 75 | 85 | 67 | 67 | 16 | 2 | 300 | 1490 | 362 | 893 | 240 | 353 |
| 15 | 74 | 83 | 68 | 78 | 16 | 1 | 200 | 1520 | 348 | 675 | 234 | 344 |
| 16 | 72 | 81 | 68 | 82 | 15 | 1 | 180 | 1400 | 335 | 608 | 229 | 328 |
| 17 | 71 | 77 | 69 | 77 | 15 | 1 | 160 | 1100 | 314 | 1010 | 226 | 313 |
| 18 | 73 | 73 | 71 | 70 | 14 | 2 | 150 | 704 | 295 | 2340 | 224 | 301 |
| 19 | 74 | 74 | 69 | 70 | 12 | 5 | 140 | 638 | 278 | 1960 | 220 | 285 |
| 20 | 75 | 77 | 66 | 61 | 16 | 4 | 130 | 1200 | 1290 | 1360 | 216 | 277 |
| 21 | 77 | 72 | 61 | 54 | 19 | 56 | 60 | 9510 | 1060 | 1070 | 213 | 276 |
| 22 | 80 | 73 | 64 | 51 | 17 | 110 | 60 | 11300 | 878 | 878 | 211 | 269 |
| 23 | 80 | 77 | 63 | 54 | 19 | 119 | 60 | 7830 | 722 | 713 | 209 | 244 |
| 24 | 81 | 79 | 61 | 54 | 19 | 130 | 50 | 5540 | 606 | 687 | 206 | 231 |
| 25 | 81 | 81 | 59 | 42 | 17 | 173 | 80 | 4270 | 545 | 656 | 205 | 228 |
| 26 | 83 | 82 | 55 | 40 | 14 | 131 | 100 | 2580 | 502 | 590 | 202 | 224 |
| 27 | 85 | 82 | 54 | 39 | 12 | 101 | 140 | 1400 | 432 | 532 | 200 | 220 |
| 28 | 90 | 81 | 58 | 40 | 10 | 274 | 176 | 1010 | 365 | 492 | 198 | 219 |
| 29 | 88 | | 62 | 35 | 8 | 478 | 174 | 768 | 311 | 458 | 196 | 235 |
| 30 | 89 | | 67 | 31 | 7 | 386 | 229 | 758 | 272 | 428 | 194 | 236 |
| 31 | 90 | | 67 | | 6 | | 467 | 606 | | 401 | | 255 |
| Total | 2,541 | 2,394 | 2,039 | 1,729 | 540 | 2,007 | 7,171 | 58,459 | 13,951 | 28,347 | 7,481 | 9,688 |
| Ac-ft | 5,039 | 4,748 | 4,043 | 3,430 | 1,071 | 3,981 | 14,224 | 115,953 | 27,672 | 56,226 | 14,839 | 19,216 |

Total for the Year: 270,443 ac-ft

Drainage area - 3,203 sq. mi., excluding Animas River Basin

2022

GILA RIVER NEAR CLIFTON, ARIZONA

Mean daily diversions, cubic feet per second

| 2022 DAY | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|----------------|---------------|---------------|---------------|---------------|
| 1 | 107 | 88 | 67 | 46 | 22 | 11 | 236 | 492 | 803 | 277 | 482 | 147 |
| 2 | 99 | 88 | 64 | 44 | 21 | 11 | 183 | 441 | 683 | 249 | 448 | 144 |
| 3 | 102 | 85 | 61 | 40 | 21 | 11 | 223 | 302 | 593 | 227 | 412 | 145 |
| 4 | 109 | 88 | 62 | 36 | 21 | 11 | 179 | 1,290 | 517 | 361 | 383 | 153 |
| 5 | 108 | 90 | 58 | 29 | 21 | 11 | 165 | 495 | 460 | 253 | 362 | 160 |
| 6 | 106 | 92 | 58 | 26 | 21 | 10 | 196 | 179 | 406 | 497 | 347 | 256 |
| 7 | 104 | 92 | 58 | 26 | 21 | 10 | 223 | 159 | 364 | 1,010 | 331 | 674 |
| 8 | 103 | 90 | 57 | 31 | 21 | 9 | 210 | 245 | 339 | 776 | 314 | 729 |
| 9 | 102 | 88 | 51 | 35 | 21 | 9 | 144 | 203 | 303 | 1,240 | 237 | 624 |
| 10 | 101 | 87 | 50 | 36 | 20 | 9 | 153 | 182 | 269 | 2,480 | 281 | 553 |
| 11 | 101 | 86 | 50 | 32 | 20 | 9 | 130 | 243 | 245 | 2,650 | 265 | 498 |
| 12 | 100 | 81 | 48 | 31 | 20 | 9 | 121 | 410 | 236 | 2,040 | 254 | 452 |
| 13 | 102 | 76 | 52 | 30 | 20 | 9 | 160 | 687 | 492 | 1,620 | 247 | 414 |
| 14 | 102 | 79 | 51 | 31 | 20 | 9 | 154 | 689 | 424 | 1,270 | 236 | 381 |
| 15 | 100 | 73 | 52 | 28 | 20 | 8 | 125 | 1,370 | 367 | 1,040 | 225 | 354 |
| 16 | 101 | 71 | 54 | 26 | 19 | 8 | 117 | 1,190 | 345 | 906 | 217 | 331 |
| 17 | 100 | 68 | 52 | 28 | 18 | 8 | 102 | 1,040 | 304 | 997 | 206 | 307 |
| 18 | 99 | 69 | 50 | 27 | 18 | 9 | 83 | 779 | 266 | 1,750 | 203 | 283 |
| 19 | 99 | 64 | 52 | 25 | 17 | 10 | 66 | 804 | 234 | 2,530 | 196 | 257 |
| 20 | 97 | 62 | 52 | 24 | 17 | 17 | 63 | 885 | 881 | 1,960 | 186 | 237 |
| 21 | 100 | 64 | 51 | 24 | 16 | 12 | 57 | 1,610 | 1,430 | 1,480 | 183 | 227 |
| 22 | 99 | 57 | 49 | 23 | 15 | 422 | 82 | 6,870 | 994 | 1,210 | 174 | 216 |
| 23 | 102 | 53 | 45 | 24 | 15 | 44 | 72 | 9,930 | 862 | 997 | 170 | 204 |
| 24 | 102 | 52 | 45 | 23 | 14 | 35 | 113 | 6,560 | 677 | 894 | 165 | 191 |
| 25 | 99 | 56 | 43 | 23 | 14 | 160 | 93 | 4,150 | 568 | 884 | 163 | 184 |
| 26 | 97 | 62 | 41 | 23 | 14 | 27 | 631 | 2,860 | 496 | 848 | 163 | 180 |
| 27 | 95 | 64 | 38 | 22 | 13 | 50 | 139 | 2,090 | 443 | 756 | 161 | 174 |
| 28 | 95 | 66 | 33 | 22 | 12 | 90 | 138 | 1,640 | 389 | 670 | 159 | 174 |
| 29 | 95 | | 34 | 22 | 12 | 157 | 162 | 1,500 | 345 | 614 | 154 | 167 |
| 30 | 96 | | 37 | 22 | 11 | 314 | 157 | 1,220 | 308 | 566 | 148 | 166 |
| 31 | 94 | | 42 | | 11 | | 284 | 981 | | 522 | | 166 |
| Total | 3,117 | 2,090 | 1,554 | 857 | 545 | 1,509 | 4,960 | 51,496 | 15,043 | 33,574 | 7,472 | 9,148 |
| Ac-ft | 6,183 | 4,145 | 3,083 | 1,699 | 1,081 | 2,993 | 9,837 | 102,142 | 29,838 | 66,594 | 14,821 | 18,145 |

Total for the Year: 260,561 ac-ft

Drainage area - 4,010 sq. mi.

2022

SAN FRANCISCO RIVER AT CLIFTON, ARIZONA

Mean daily diversions, cubic feet per second

| 2022 DAY | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|---------------|---------------|---------------|--------------|---------------|
| 1 | 764 | 80 | 65 | 65 | 27 | 9 | 39 | 72 | 310 | 97 | 206 | 97 |
| 2 | 478 | 80 | 64 | 62 | 26 | 10 | 31 | 82 | 232 | 100 | 189 | 96 |
| 3 | 247 | 81 | 63 | 61 | 23 | 12 | 24 | 61 | 182 | 94 | 175 | 100 |
| 4 | 175 | 76 | 60 | 54 | 24 | 11 | 84 | 149 | 150 | 153 | 172 | 1,880 |
| 5 | 146 | 72 | 57 | 54 | 25 | 9 | 95 | 76 | 119 | 283 | 163 | 4,230 |
| 6 | 130 | 72 | 58 | 52 | 29 | 9 | 710 | 38 | 94 | 238 | 165 | 3,460 |
| 7 | 120 | 72 | 61 | 53 | 26 | 6 | 228 | 73 | 75 | 554 | 167 | 1,910 |
| 8 | 111 | 71 | 63 | 52 | 25 | 5 | 66 | 48 | 64 | 961 | 159 | 1,320 |
| 9 | 107 | 68 | 66 | 52 | 26 | 6 | 25 | 43 | 54 | 1,170 | 151 | 973 |
| 10 | 102 | 62 | 64 | 46 | 18 | 8 | 31 | 44 | 43 | 1,040 | 147 | 741 |
| 11 | 95 | 64 | 58 | 44 | 18 | 8 | 77 | 82 | 44 | 1,020 | 145 | 572 |
| 12 | 89 | 68 | 59 | 41 | 22 | 9 | 163 | 196 | 179 | 663 | 142 | 504 |
| 13 | 82 | 67 | 61 | 46 | 24 | 9 | 181 | 260 | 253 | 426 | 137 | 471 |
| 14 | 78 | 64 | 55 | 46 | 23 | 8 | 138 | 305 | 212 | 283 | 133 | 427 |
| 15 | 77 | 63 | 50 | 46 | 21 | 4 | 97 | 631 | 144 | 207 | 129 | 384 |
| 16 | 73 | 63 | 53 | 47 | 20 | 3 | 77 | 891 | 106 | 206 | 125 | 349 |
| 17 | 72 | 68 | 57 | 43 | 18 | 2 | 61 | 672 | 79 | 729 | 124 | 324 |
| 18 | 71 | 70 | 62 | 42 | 17 | 6 | 40 | 429 | 63 | 1,410 | 120 | 304 |
| 19 | 71 | 69 | 62 | 39 | 18 | 17 | 32 | 331 | 54 | 910 | 118 | 286 |
| 20 | 70 | 63 | 58 | 37 | 22 | 32 | 31 | 1,190 | 1,780 | 609 | 117 | 273 |
| 21 | 68 | 64 | 55 | 34 | 19 | 50 | 28 | 2,410 | 1,200 | 454 | 115 | 263 |
| 22 | 65 | 67 | 63 | 33 | 19 | 108 | 35 | 2,310 | 598 | 364 | 111 | 254 |
| 23 | 66 | 67 | 60 | 34 | 20 | 92 | 32 | 1,350 | 621 | 299 | 107 | 245 |
| 24 | 65 | 63 | 58 | 33 | 15 | 65 | 117 | 1,240 | 384 | 324 | 106 | 233 |
| 25 | 66 | 63 | 55 | 31 | 15 | 50 | 78 | 1,350 | 211 | 485 | 106 | 228 |
| 26 | 64 | 63 | 54 | 26 | 17 | 48 | 73 | 859 | 160 | 549 | 106 | 224 |
| 27 | 62 | 65 | 55 | 29 | 17 | 115 | 66 | 1,040 | 136 | 457 | 106 | 221 |
| 28 | 60 | 67 | 57 | 31 | 16 | 201 | 226 | 1,310 | 128 | 378 | 105 | 221 |
| 29 | 59 | | 60 | 30 | 16 | 71 | 308 | 852 | 113 | 307 | 104 | 240 |
| 30 | 57 | | 61 | 28 | 14 | 57 | 66 | 569 | 101 | 266 | 102 | 265 |
| 31 | 59 | | 64 | | 10 | | 66 | 414 | | 233 | | 263 |
| Total | 3,850 | 1,912 | 1,838 | 1,287 | 628 | 1,043 | 3,323 | 19,377 | 7,889 | 15,269 | 4,052 | 21,358 |
| Ac-ft | 7,636 | 3,792 | 3,645 | 2,552 | 1,246 | 2,069 | 6,592 | 38,434 | 15,648 | 30,285 | 8,037 | 42,363 |

Total for the Year: 162,300 ac-ft

Drainage area - 2,766 sq. mi.

2022

GILA RIVER AT HEAD OF SAFFORD VALLEY, NEAR SOLOMON, ARIZONA

Mean daily diversions, cubic feet per second

| 2022 DAY | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
|--------------|---------------|--------------|--------------|--------------|--------------|--------------|---------------|----------------|---------------|---------------|---------------|---------------|
| 1 | 390 | 191 | 154 | 115 | 59 | 26 | 334 | 516 | 1,400 | 359 | 877 | 314 |
| 2 | 554 | 189 | 152 | 113 | 57 | 25 | 241 | 533 | 1,180 | 332 | 815 | 310 |
| 3 | 366 | 186 | 148 | 107 | 57 | 25 | 195 | 371 | 1,020 | 311 | 753 | 309 |
| 4 | 311 | 184 | 144 | 103 | 56 | 25 | 240 | 867 | 889 | 407 | 699 | 859 |
| 5 | 280 | 181 | 142 | 99 | 54 | 25 | 228 | 1,160 | 735 | 503 | 652 | 4,370 |
| 6 | 259 | 179 | 143 | 93 | 54 | 24 | 366 | 255 | 588 | 650 | 612 | 3,750 |
| 7 | 246 | 177 | 147 | 91 | 52 | 22 | 354 | 205 | 512 | 1,110 | 572 | 2,420 |
| 8 | 237 | 174 | 146 | 93 | 49 | 21 | 306 | 299 | 482 | 1,560 | 531 | 1,960 |
| 9 | 228 | 172 | 144 | 94 | 48 | 20 | 326 | 251 | 477 | 1,700 | 495 | 1,650 |
| 10 | 222 | 170 | 141 | 94 | 47 | 19 | 255 | 319 | 433 | 2,610 | 486 | 1,480 |
| 11 | 221 | 168 | 137 | 90 | 43 | 18 | 229 | 313 | 387 | 3,270 | 472 | 1,310 |
| 12 | 218 | 165 | 134 | 85 | 42 | 18 | 281 | 434 | 411 | 2,610 | 460 | 1,120 |
| 13 | 217 | 163 | 135 | 85 | 42 | 20 | 281 | 863 | 798 | 2,100 | 447 | 1,000 |
| 14 | 217 | 161 | 133 | 85 | 41 | 20 | 188 | 937 | 775 | 1,740 | 435 | 926 |
| 15 | 214 | 159 | 130 | 84 | 39 | 20 | 165 | 1,520 | 579 | 1,470 | 416 | 838 |
| 16 | 212 | 156 | 130 | 82 | 38 | 19 | 156 | 1,690 | 503 | 1,300 | 406 | 771 |
| 17 | 212 | 154 | 134 | 79 | 36 | 19 | 146 | 1,590 | 451 | 1,440 | 396 | 707 |
| 18 | 211 | 157 | 131 | 77 | 35 | 21 | 122 | 1,200 | 400 | 2,230 | 389 | 660 |
| 19 | 208 | 156 | 131 | 74 | 34 | 22 | 101 | 920 | 364 | 2,920 | 382 | 628 |
| 20 | 205 | 150 | 130 | 72 | 34 | 29 | 95 | 1,610 | 1,440 | 2,570 | 369 | 603 |
| 21 | 206 | 151 | 128 | 70 | 36 | 35 | 102 | 2,690 | 2,140 | 1,900 | 362 | 579 |
| 22 | 205 | 149 | 127 | 68 | 35 | 374 | 100 | 5,330 | 1,660 | 1,460 | 354 | 563 |
| 23 | 204 | 146 | 124 | 67 | 35 | 167 | 105 | 13,900 | 1,500 | 1,200 | 346 | 540 |
| 24 | 203 | 143 | 121 | 67 | 35 | 98 | 177 | 7,740 | 1,190 | 1,090 | 339 | 513 |
| 25 | 201 | 143 | 118 | 66 | 32 | 217 | 273 | 5,770 | 870 | 1,080 | 338 | 482 |
| 26 | 199 | 151 | 114 | 63 | 32 | 142 | 739 | 4,410 | 683 | 1,070 | 340 | 485 |
| 27 | 197 | 152 | 112 | 62 | 32 | 144 | 465 | 3,410 | 575 | 992 | 338 | 471 |
| 28 | 195 | 155 | 108 | 62 | 31 | 170 | 333 | 2,990 | 508 | 893 | 334 | 459 |
| 29 | 197 | | 108 | 62 | 30 | 215 | 361 | 2,560 | 461 | 828 | 325 | 478 |
| 30 | 194 | | 112 | 61 | 30 | 334 | 244 | 2,040 | 418 | 771 | 317 | 511 |
| 31 | 194 | | 114 | | 29 | | 334 | 1,650 | | 722 | | 606 |
| Total | 7,423 | 4,582 | 4,072 | 2,462 | 1,272 | 2,331 | 7,842 | 68,343 | 23,829 | 43,198 | 14,057 | 31,672 |
| Ac-ft | 14,724 | 9,088 | 8,077 | 4,883 | 2,524 | 4,624 | 15,554 | 135,558 | 47,265 | 85,683 | 27,882 | 62,821 |

Total for the Year: 418,684 ac-ft

Drainage area - 7,896 sq. mi.

2022

GILA RIVER AT CALVA, ARIZONA

Mean daily diversions, cubic feet per second

| 2022 DAY | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
|--------------|---------------|--------------|--------------|--------------|--------------|--------------|--------------|----------------|---------------|---------------|---------------|---------------|
| 1 | 193 | 145 | 76 | 33 | 24 | 13 | 90 | 368 | 2,070 | 447 | 968 | 297 |
| 2 | 334 | 144 | 56 | 33 | 22 | 12 | 170 | 355 | 1,550 | 407 | 903 | 292 |
| 3 | 481 | 145 | 44 | 32 | 22 | 12 | 93 | 384 | 1,150 | 383 | 850 | 290 |
| 4 | 310 | 142 | 34 | 31 | 21 | 11 | 63 | 459 | 943 | 337 | 796 | 387 |
| 5 | 253 | 140 | 32 | 31 | 21 | 11 | 87 | 883 | 791 | 392 | 754 | 829 |
| 6 | 225 | 141 | 32 | 31 | 20 | 10 | 99 | 1,020 | 660 | 480 | 716 | 1,780 |
| 7 | 208 | 142 | 34 | 31 | 20 | 10 | 164 | 322 | 532 | 601 | 680 | 3,120 |
| 8 | 196 | 143 | 36 | 30 | 18 | 11 | 227 | 274 | 431 | 920 | 639 | 3,030 |
| 9 | 187 | 143 | 37 | 30 | 18 | 11 | 130 | 332 | 384 | 1,330 | 601 | 2,160 |
| 10 | 180 | 140 | 35 | 29 | 17 | 10 | 123 | 336 | 337 | 1,370 | 568 | 1,710 |
| 11 | 173 | 135 | 34 | 31 | 17 | 10 | 89 | 313 | 302 | 1,840 | 540 | 1,410 |
| 12 | 171 | 134 | 35 | 27 | 17 | 9 | 50 | 253 | 269 | 2,450 | 516 | 1,220 |
| 13 | 170 | 135 | 33 | 26 | 17 | 9 | 52 | 476 | 260 | 3,010 | 497 | 1,120 |
| 14 | 168 | 134 | 33 | 26 | 18 | 9 | 68 | 879 | 462 | 2,640 | 479 | 1,050 |
| 15 | 167 | 131 | 32 | 26 | 18 | 9 | 73 | 1,000 | 563 | 2,070 | 458 | 979 |
| 16 | 165 | 130 | 33 | 25 | 18 | 9 | 49 | 1,140 | 497 | 1,670 | 437 | 914 |
| 17 | 163 | 125 | 34 | 25 | 16 | 8 | 28 | 1,400 | 450 | 1,360 | 425 | 866 |
| 18 | 159 | 122 | 33 | 25 | 16 | 8 | 17 | 1,500 | 398 | 1,340 | 417 | 821 |
| 19 | 157 | 123 | 32 | 25 | 17 | 9 | 13 | 1,330 | 367 | 1,790 | 409 | 767 |
| 20 | 155 | 125 | 32 | 26 | 16 | 9 | 12 | 1,370 | 334 | 2,470 | 392 | 711 |
| 21 | 153 | 122 | 32 | 26 | 16 | 8 | 11 | 1,660 | 845 | 3,050 | 378 | 657 |
| 22 | 152 | 119 | 32 | 25 | 16 | 10 | 11 | 1,850 | 1,630 | 2,710 | 372 | 624 |
| 23 | 151 | 118 | 30 | 25 | 16 | 77 | 21 | 2,160 | 1,870 | 2,050 | 365 | 603 |
| 24 | 150 | 111 | 30 | 25 | 17 | 179 | 11 | 2,610 | 1,730 | 1,650 | 355 | 570 |
| 25 | 151 | 105 | 34 | 25 | 16 | 49 | 11 | 4,330 | 1,240 | 1,400 | 339 | 540 |
| 26 | 151 | 97 | 34 | 25 | 16 | 21 | 214 | 6,060 | 926 | 1,380 | 325 | 515 |
| 27 | 149 | 91 | 33 | 26 | 15 | 59 | 496 | 5,670 | 788 | 1,440 | 319 | 489 |
| 28 | 145 | 93 | 38 | 27 | 14 | 24 | 233 | 4,480 | 682 | 1,330 | 325 | 476 |
| 29 | 144 | | 35 | 26 | 14 | 53 | 104 | 3,650 | 594 | 1,210 | 321 | 457 |
| 30 | 145 | | 33 | 26 | 13 | 61 | 213 | 3,230 | 510 | 1,120 | 310 | 441 |
| 31 | 146 | | 34 | | 14 | | 335 | 2,740 | | 1,040 | | 469 |
| Total | 5,852 | 3,575 | 1,110 | 829 | 537 | 740 | 3,356 | 52,834 | 23,565 | 45,687 | 15,454 | 29,594 |
| Ac-ft | 11,607 | 7,091 | 2,202 | 1,645 | 1,064 | 1,468 | 6,656 | 104,796 | 46,741 | 90,620 | 30,653 | 58,700 |

Total for the Year: 363,245 ac-ft

Drainage area - 11,470 sq. mi.

2022

SAN CARLOS RIVER NEAR PERIDOT, ARIZONA

Mean daily diversions, cubic feet per second

| 2022 DAY | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
|--------------|--------------|------------|------------|-----------|-----|-----|--------------|--------------|-----------|------------|-----------|--------------|
| 1 | 2,390 | 7 | 6 | 3 | | | | 24 | 8 | | 0 | 2 |
| 2 | 808 | 7 | 6 | 2 | | | | 8 | 5 | | 0 | 2 |
| 3 | 190 | 7 | 5 | 2 | | | | 1 | 1 | | 1 | 3 |
| 4 | 98 | 6 | 5 | 2 | | | | 164 | | | 2 | 72 |
| 5 | 58 | 6 | 5 | 2 | | | | 4 | | | 1 | 1,070 |
| 6 | 41 | 6 | 5 | 2 | | | | 1 | | | 1 | 290 |
| 7 | 30 | 6 | 4 | 2 | | | | | | | 1 | 110 |
| 8 | 24 | 6 | 5 | 2 | | | | | | 21 | 1 | 55 |
| 9 | 20 | 6 | 5 | 1 | | | | | | 25 | 1 | 31 |
| 10 | 18 | 6 | 5 | 1 | | | | | | | 1 | 22 |
| 11 | 15 | 7 | 5 | 1 | | | | 13 | | | 1 | 15 |
| 12 | 13 | 6 | 4 | 1 | | | | 108 | | | 1 | 10 |
| 13 | 12 | 6 | 5 | 1 | | | | 75 | | | 1 | 12 |
| 14 | 11 | 6 | 4 | 1 | | | | 42 | | | 1 | 14 |
| 15 | 10 | 6 | 4 | 1 | | | | 17 | | | 1 | 14 |
| 16 | 9 | 6 | 4 | 1 | | | | 23 | | 245 | 2 | 17 |
| 17 | 9 | 6 | 4 | 1 | | | | 71 | | 2 | 1 | 16 |
| 18 | 9 | 6 | 4 | 1 | | | | 4 | | | 1 | 15 |
| 19 | 8 | 6 | 4 | 1 | | | | 1,180 | | | 2 | 12 |
| 20 | 8 | 6 | 4 | 1 | | | | 496 | | 0 | 2 | 7 |
| 21 | 8 | 6 | 4 | 1 | | | | 274 | | 1 | 1 | 6 |
| 22 | 8 | 6 | 4 | 1 | | | | 278 | 7 | 1 | 2 | 7 |
| 23 | 8 | 7 | 3 | 1 | | | | 159 | | 0 | 2 | 7 |
| 24 | 8 | 6 | 3 | 1 | | | | 249 | 1 | | 2 | 6 |
| 25 | 7 | 6 | 3 | 1 | | | | 112 | | | 2 | 6 |
| 26 | 7 | 6 | 3 | 1 | | | | 64 | | | 1 | 5 |
| 27 | 7 | 6 | 3 | 0 | | | 165 | 38 | | 0 | 2 | 4 |
| 28 | 7 | 6 | 2 | 1 | | | 422 | 136 | | | 2 | 5 |
| 29 | 7 | | 3 | 1 | | | 147 | 54 | | | 2 | 248 |
| 30 | 7 | | 4 | 0 | | | 85 | 26 | | | 2 | 281 |
| 31 | 7 | | 4 | | | | 35 | 14 | | | | 172 |
| Total | 3,857 | 174 | 126 | 35 | | | 854 | 3,633 | 22 | 295 | 40 | 2,535 |
| Ac-ft | 7,650 | 346 | 250 | 70 | | | 1,693 | 7,205 | 43 | 585 | 78 | 5,028 |

Total for the Year: 22,948 ac-ft

Drainage area - 1,026 sq. mi.

2022

GILA RIVER BELOW COOLIDGE DAM, ARIZONA

Mean daily diversions, cubic feet per second

| 2022 DAY | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
|--------------|-----|--------|--------|--------|--------|-----|-------|-------|--------|--------|-------|-------|
| 1 | 0.7 | 0.7 | 186 | 250 | 297 | | 0.7 | 149 | 250 | 239 | 291 | 190 |
| 2 | 0.7 | 0.7 | 186 | 250 | 295 | | 0.8 | 150 | 252 | 239 | 152 | 190 |
| 3 | 0.7 | 42 | 187 | 250 | 294 | | 0.7 | 151 | 260 | 239 | 140 | 191 |
| 4 | 0.7 | 174 | 206 | 262 | 292 | | 0.7 | 150 | 264 | 238 | 114 | 158 |
| 5 | 0.7 | 257 | 217 | 262 | 291 | | 0.7 | 149 | 265 | 238 | 114 | 32 |
| 6 | 0.7 | 257 | 217 | 274 | 290 | | 0.8 | 154 | 313 | 237 | 114 | 106 |
| 7 | 3.7 | 260 | 217 | 289 | 288 | | 0.8 | 160 | 387 | 240 | 114 | 158 |
| 8 | 0.7 | 277 | 221 | 289 | 285 | | 0.8 | 150 | 374 | 240 | 114 | 120 |
| 9 | 0.7 | 286 | 226 | 290 | 282 | | 0.8 | 47 | 300 | 238 | 114 | 71 |
| 10 | 0.7 | 286 | 226 | 291 | 281 | | 0.8 | 9.2 | 301 | 236 | 114 | 72 |
| 11 | 0.7 | 284 | 226 | 291 | 279 | | 0.8 | 9.2 | 301 | 258 | 114 | 72 |
| 12 | 0.7 | 284 | 226 | 263 | 277 | | 0.8 | 9.2 | 250 | 272 | 114 | 33 |
| 13 | 0.7 | 284 | 226 | 287 | 274 | | 0.8 | 33 | 205 | 274 | 114 | 11 |
| 14 | 0.7 | 283 | 197 | 290 | 272 | | 0.8 | 27 | 202 | 193 | 114 | 11 |
| 15 | 0.7 | 283 | 190 | 292 | 270 | | 0.8 | 59 | 202 | 150 | 114 | 75 |
| 16 | 0.7 | 284 | 196 | 283 | 267 | | 0.8 | 80 | 199 | 148 | 114 | 132 |
| 17 | 0.7 | 253 | 196 | 282 | 263 | | 0.8 | 82 | 202 | 136 | 131 | 132 |
| 18 | 0.7 | 227 | 196 | 282 | 260 | | 0.8 | 70 | 204 | 112 | 140 | 132 |
| 19 | 0.7 | 227 | 196 | 318 | 202 | | 0.8 | 43 | 203 | 111 | 140 | 115 |
| 20 | 0.7 | 227 | 196 | 304 | 0.9 | | 0.8 | 9.0 | 201 | 111 | 140 | 147 |
| 21 | 0.7 | 227 | 214 | 292 | 0.9 | | 0.8 | 9.1 | 203 | 111 | 140 | 171 |
| 22 | 0.7 | 227 | 226 | 293 | 0.9 | | 0.8 | 9.1 | 204 | 109 | 140 | 121 |
| 23 | 0.7 | 200 | 227 | 292 | 0.9 | | 113 | 9.1 | 233 | 109 | 140 | 114 |
| 24 | 0.7 | 185 | 227 | 292 | 0.9 | | 230 | 9.2 | 257 | 111 | 140 | 140 |
| 25 | 0.7 | 185 | 227 | 294 | 0.9 | | 227 | 9.2 | 256 | 105 | 173 | 152 |
| 26 | 0.7 | 185 | 228 | 270 | 0.9 | | 224 | 9.2 | 250 | 111 | 190 | 152 |
| 27 | 0.7 | 185 | 229 | 293 | 0.9 | | 58 | 9.1 | 249 | 111 | 190 | 152 |
| 28 | 0.7 | 186 | 228 | 295 | 0.9 | | 80 | 115 | 254 | 111 | 190 | 119 |
| 29 | 0.7 | | 187 | 296 | 0.9 | | 180 | 231 | 255 | 131 | 190 | 73 |
| 30 | 0.7 | | 155 | 297 | 0.9 | | 148 | 247 | 255 | 146 | 190 | 29 |
| 31 | 0.7 | | 218 | | 0.9 | | 148 | 248 | | 153 | | 11 |
| Total | 23 | 6,056 | 6,500 | 8,513 | 5,269 | | 1,425 | 2,595 | 7,551 | 5,457 | 4,299 | 3,379 |
| Ac-ft | 46 | 12,013 | 12,893 | 16,886 | 10,452 | | 2,826 | 5,146 | 14,977 | 10,824 | 8,527 | 6,702 |

Total for the Year: 101,291 ac-ft

Drainage area - 12,886 sq. mi.

2022

NATURAL FLOW RELEASED AT COOLIDGE DAM

Mean daily diversions, cubic feet per second

| 2022 DAY | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
|--------------|-----|-------|-------|-------|-----|-----|-------|-------|--------|--------|-------|-------|
| 1 | | | 81 | 36 | 24 | | | 149 | 248 | 239 | 291 | 190 |
| 2 | | | 62 | 36 | 22 | | | 150 | 250 | 239 | 152 | 190 |
| 3 | | 42 | 50 | 34 | 22 | | | 151 | 252 | 239 | 140 | 191 |
| 4 | | 148 | 39 | 33 | 21 | | | 150 | 260 | 238 | 114 | 158 |
| 5 | | 146 | 37 | 32 | 21 | | | 149 | 264 | 238 | 114 | 32 |
| 6 | | 147 | 37 | 33 | 20 | | | 154 | 265 | 237 | 114 | 106 |
| 7 | | 148 | 38 | 33 | 20 | | | 160 | 313 | 240 | 114 | 158 |
| 8 | | 149 | 40 | 32 | 18 | | | 150 | 387 | 240 | 114 | 120 |
| 9 | | 149 | 41 | 32 | 18 | | | 47 | 374 | 238 | 114 | 71 |
| 10 | | 146 | 40 | 31 | 17 | | | | 300 | 236 | 114 | 72 |
| 11 | | 142 | 39 | 32 | 17 | | | | 301 | 258 | 114 | 72 |
| 12 | | 140 | 40 | 29 | 17 | | | | 301 | 272 | 114 | 33 |
| 13 | | 141 | 37 | 27 | 17 | | | 33 | 250 | 274 | 114 | 11 |
| 14 | | 140 | 37 | 27 | 18 | | | 27 | 205 | 193 | 114 | 11 |
| 15 | | 137 | 36 | 27 | 18 | | | 59 | 202 | 150 | 114 | 75 |
| 16 | | 136 | 38 | 26 | 18 | | | 80 | 202 | 148 | 114 | 132 |
| 17 | | 131 | 38 | 26 | 16 | | | 82 | 202 | 136 | 131 | 132 |
| 18 | | 128 | 36 | 26 | 16 | | | 70 | 204 | 112 | 140 | 132 |
| 19 | | 129 | 36 | 26 | 17 | | | 43 | 203 | 111 | 140 | 115 |
| 20 | | 131 | 36 | 27 | | | | | 201 | 111 | 140 | 147 |
| 21 | | 128 | 36 | 27 | | | | | 203 | 111 | 140 | 171 |
| 22 | | 125 | 36 | 26 | | | | | 204 | 109 | 140 | 121 |
| 23 | | 125 | 34 | 26 | | | 21 | | 233 | 109 | 140 | 114 |
| 24 | | 117 | 33 | 25 | | | 11 | | 257 | 111 | 140 | 140 |
| 25 | | 111 | 36 | 26 | | | 11 | | 256 | 105 | 173 | 152 |
| 26 | | 103 | 37 | 26 | | | 214 | | 250 | 111 | 190 | 152 |
| 27 | | 97 | 36 | 26 | | | 58 | | 249 | 111 | 190 | 152 |
| 28 | | 99 | 40 | 27 | | | 80 | 115 | 254 | 111 | 190 | 119 |
| 29 | | | 38 | 27 | | | 180 | 231 | 255 | 131 | 190 | 73 |
| 30 | | | 37 | 26 | | | 148 | 247 | 255 | 146 | 190 | 29 |
| 31 | | | 38 | | | | 148 | 248 | | 153 | | 11 |
| Total | | 3,335 | 1,239 | 867 | 357 | | 871 | 2,494 | 7,600 | 5,457 | 4,299 | 3,379 |
| Ac-ft | | 6,615 | 2,458 | 1,720 | 708 | | 1,727 | 4,947 | 15,075 | 10,824 | 8,527 | 6,702 |

Total for the Year: 59,302 ac-ft

2022

STORED WATER RELEASED AT COOLIDGE DAM

Mean daily diversions, cubic feet per second

| 2022 DAY | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
|--------------|-----|-------|--------|--------|-------|-----|-------|-----|-----|-----|-----|-----|
| 1 | | | 105 | 214 | 273 | | | | | | | |
| 2 | | | 124 | 214 | 273 | | | | | | | |
| 3 | | | 137 | 216 | 272 | | | | | | | |
| 4 | | 26 | 167 | 229 | 271 | | | | | | | |
| 5 | | 111 | 180 | 230 | 270 | | | | | | | |
| 6 | | 110 | 180 | 241 | 270 | | | | | | | |
| 7 | | 112 | 179 | 256 | 268 | | | | | | | |
| 8 | | 128 | 181 | 257 | 267 | | | | | | | |
| 9 | | 137 | 185 | 258 | 264 | | | | | | | |
| 10 | | 140 | 186 | 260 | 264 | | | | | | | |
| 11 | | 142 | 187 | 259 | 262 | | | | | | | |
| 12 | | 144 | 186 | 234 | 260 | | | | | | | |
| 13 | | 143 | 189 | 260 | 257 | | | | | | | |
| 14 | | 143 | 160 | 263 | 254 | | | | | | | |
| 15 | | 146 | 154 | 265 | 252 | | | | | | | |
| 16 | | 148 | 158 | 257 | 249 | | | | | | | |
| 17 | | 122 | 158 | 256 | 247 | | | | | | | |
| 18 | | 99 | 160 | 256 | 244 | | | | | | | |
| 19 | | 98 | 160 | 292 | 185 | | | | | | | |
| 20 | | 96 | 160 | 277 | | | | | | | | |
| 21 | | 99 | 178 | 265 | | | | | | | | |
| 22 | | 102 | 190 | 267 | | | | | | | | |
| 23 | | 75 | 193 | 266 | | | 92 | | | | | |
| 24 | | 68 | 194 | 267 | | | 219 | | | | | |
| 25 | | 74 | 191 | 268 | | | 216 | | | | | |
| 26 | | 82 | 191 | 244 | | | 10 | | | | | |
| 27 | | 88 | 193 | 267 | | | | | | | | |
| 28 | | 87 | 188 | 268 | | | | | | | | |
| 29 | | | 149 | 269 | | | | | | | | |
| 30 | | | 118 | 271 | | | | | | | | |
| 31 | | | 180 | | | | | | | | | |
| Total | | 2,720 | 5,261 | 7,646 | 4,902 | | 537 | | | | | |
| Ac-ft | | 5,395 | 10,435 | 15,166 | 9,723 | | 1,065 | | | | | |

Total for the Year: 41,784 ac-ft

2022

GILA RIVER AT KELVIN ARIZONA

Mean daily diversions, cubic feet per second

| 2022 DAY | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
|--------------|-------|--------|--------|--------|-------|-----|-------|--------|--------|--------|-------|--------|
| 1 | 1300 | 4 | 176 | 236 | 248 | 2 | 0 | 223 | 233 | 213 | 154 | 205 |
| 2 | 912 | 5 | 175 | 248 | 245 | 1 | 0 | 206 | 233 | 212 | 158 | 205 |
| 3 | 188 | 4 | 175 | 248 | 249 | 1 | 0 | 169 | 231 | 212 | 161 | 214 |
| 4 | 73 | 10 | 174 | 248 | 250 | 1 | 0 | 772 | 230 | 237 | 154 | 1020 |
| 5 | 49 | 120 | 193 | 259 | 250 | 1 | 0 | 813 | 229 | 226 | 129 | 1380 |
| 6 | 39 | 233 | 202 | 255 | 250 | 1 | 0 | 714 | 228 | 220 | 126 | 214 |
| 7 | 33 | 241 | 205 | 267 | 250 | 1 | 0 | 190 | 267 | 247 | 125 | 141 |
| 8 | 29 | 244 | 207 | 276 | 249 | 1 | 0 | 177 | 319 | 230 | 124 | 194 |
| 9 | 30 | 270 | 213 | 276 | 247 | 1 | 0 | 566 | 303 | 338 | 124 | 166 |
| 10 | 28 | 279 | 217 | 273 | 249 | 1 | 0 | 1210 | 257 | 233 | 124 | 115 |
| 11 | 24 | 278 | 219 | 270 | 249 | 1 | 0 | 1480 | 256 | 268 | 124 | 109 |
| 12 | 21 | 277 | 220 | 270 | 250 | 1 | 0 | 514 | 268 | 266 | 125 | 110 |
| 13 | 20 | 277 | 221 | 225 | 251 | 1 | 0 | 717 | 240 | 261 | 125 | 98 |
| 14 | 19 | 278 | 220 | 235 | 250 | 1 | 0 | 1050 | 194 | 260 | 125 | 58 |
| 15 | 18 | 279 | 188 | 239 | 249 | | 0 | 475 | 195 | 181 | 127 | 42 |
| 16 | 17 | 281 | 182 | 239 | 248 | | 0 | 137 | 185 | 575 | 126 | 48 |
| 17 | 16 | 282 | 185 | 236 | 242 | | 0 | 76 | 179 | 222 | 126 | 148 |
| 18 | 15 | 244 | 184 | 234 | 235 | | 0 | 81 | 179 | 151 | 140 | 156 |
| 19 | 13 | 222 | 184 | 238 | 232 | | 0 | 83 | 177 | 123 | 151 | 157 |
| 20 | 9 | 219 | 184 | 260 | 181 | | 0 | 710 | 180 | 118 | 151 | 146 |
| 21 | 8 | 218 | 184 | 254 | 45 | | 0 | 1860 | 185 | 117 | 152 | 168 |
| 22 | 8 | 228 | 203 | 244 | 25 | | 0 | 1670 | 273 | 116 | 153 | 191 |
| 23 | 8 | 221 | 216 | 244 | 16 | | 0 | 742 | 234 | 116 | 153 | 151 |
| 24 | 7 | 194 | 214 | 245 | 9 | | 131 | 1490 | 209 | 118 | 153 | 140 |
| 25 | 6 | 177 | 214 | 243 | 4 | | 381 | 1160 | 219 | 117 | 154 | 161 |
| 26 | 6 | 175 | 212 | 242 | 1 | | 297 | 941 | 215 | 117 | 183 | 174 |
| 27 | 6 | 176 | 212 | 225 | | | 289 | 1160 | 213 | 120 | 202 | 175 |
| 28 | 6 | 176 | 220 | 247 | | | 413 | 188 | 213 | 118 | 205 | 179 |
| 29 | 5 | | 230 | 248 | 0 | | 719 | 134 | 214 | 119 | 205 | 157 |
| 30 | 6 | | 234 | 249 | 0 | | 429 | 240 | 214 | 135 | 205 | 115 |
| 31 | 4 | | 174 | | 0 | | 194 | 208 | | 149 | | 84 |
| Total | 2,923 | 5,612 | 6,237 | 7,473 | 4,973 | 15 | 2,854 | 20,156 | 6,772 | 6,135 | 4,464 | 6,622 |
| Ac-ft | 5,797 | 11,131 | 12,371 | 14,823 | 9,863 | 30 | 5,662 | 39,980 | 13,432 | 12,169 | 8,854 | 13,134 |

Total for the Year: 147,247 ac-ft

Drainage area - 18,011 sq. mi. of which 5,125 sq. mi. is below Coolidge Dam

2022

OPERATION OF SAN CARLOS RESERVOIR

Quantities in Acre-Feet

| 2022 Month | Storage | | | Inflow | | | | Releases | | | Bank | |
|---------------|----------------------|-------------------|--------------------|---------------|--------------|-------------|---------------|----------------------------------|-----------------|---------------|--------------|--------------|
| | Beginning Storage | Ending Storage | Gain or Loss | Calva | Peridot | Rain | Total | Gila Below Coolidge Dam | Outflow Evap | Total | Storage | Release |
| JAN | 19600 | 36537 | 16937 | 11607 | 7650 | | 19257 | 46 | 472 | 518 | 1802 | |
| FEB | 36537 | 32058 | -4479 | 7091 | 346 | | 7437 | 12013 | 472 | 12485 | | -569 |
| MAR | 32058 | 21701 | -10357 | 2202 | 250 | 373 | 2825 | 12893 | 1138 | 14031 | | -849 |
| APR | 21701 | 7849 | -13852 | 1645 | 70 | | 1715 | 16886 | 1222 | 18108 | | -2541 |
| MAY | 7849 | 154 | -7695 | 1064 | | 8 | 1072 | 10452 | 502 | 10954 | | -2187 |
| JUN | 154 | 154 | | 1468 | | 5 | 1473 | | 92 | 92 | 1381 | |
| JUL | 154 | 324 | 170 | 6656 | 1693 | 16 | 8365 | 2826 | 161 | 2987 | 5208 | |
| AUG | 324 | 78179 | 77855 | 104796 | 7205 | 604 | 112605 | 5146 | 1115 | 6261 | 28489 | |
| SEP | 78179 | 99164 | 20985 | 46741 | 43 | 447 | 47231 | 14977 | 2834 | 17811 | 8435 | |
| OCT | 99164 | 161933 | 62769 | 90620 | 585 | 506 | 91711 | 10824 | 2171 | 12995 | 15947 | |
| NOV | 161933 | 176458 | 14525 | 30653 | 78 | 334 | 31065 | 8527 | 1464 | 9991 | 6549 | |
| DEC | 176458 | 224001 | 47543 | 58700 | 5028 | 2354 | 66082 | 6702 | 1331 | 8033 | 10506 | |
| Totals | | | 204401 | 363243 | 22948 | 4647 | 390838 | 101292 | 12974 | 114266 | 78317 | -6146 |

2022

In Acre-Feet

| 2022 Month | Storage | | Accumulated | | | | | Monthly Bank Result |
|---------------|--------------|--------------|----------------|----------------|---------------|---------|------------|---------------------------|
| | Contents | Contents | Inflow | Releases | Bank | | Net Result | |
| | End of Month | Gain or Loss | Including Rain | Including Evap | Storage | Release | | |
| Begin | 19600 | | | | | | | |
| JAN | 36537 | 16937 | 19257 | 518 | 1802 | 0 | 1802 | 1802 |
| FEB | 32058 | -4479 | 26694 | 13003 | 0 | -569 | 1233 | -569 |
| MAR | 21701 | -10357 | 29519 | 27034 | 0 | -849 | 384 | -849 |
| APR | 7849 | -13852 | 31234 | 45142 | 0 | -2541 | -2157 | -2541 |
| MAY | 154 | -7695 | 32306 | 56096 | 0 | -2187 | -4344 | -2187 |
| JUN | 154 | 0 | 33779 | 56188 | 1381 | 0 | -2963 | 1381 |
| JUL | 324 | 170 | 42144 | 59175 | 5208 | 0 | 2245 | 5208 |
| AUG | 78179 | 77855 | 154749 | 65436 | 28489 | 0 | 30734 | 28489 |
| SEP | 99164 | 20985 | 201980 | 83247 | 8435 | 0 | 39169 | 8435 |
| OCT | 161933 | 62769 | 293691 | 96242 | 15947 | 0 | 55116 | 15947 |
| NOV | 176458 | 14525 | 324756 | 106233 | 6549 | 0 | 61665 | 6549 |
| DEC | 224001 | 47543 | 390838 | 114266 | 10506 | 0 | 72171 | 10506 |
| Graph: | STORAGE | | INFLOW | RELEASES | BANK STOR/REL | | | |

2022

WATER SURFACE ELEVATIONS, SAN CARLOS RESERVOIR

Elevation in Feet

| 2022 DAY | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
|----------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 1 | 2413.75 | 2419.79 | 2418.04 | 2414.18 | 2405.38 | 2394.58 | 2394.58 | 2395.66 | 2432.22 | 2436.44 | 2447.58 | 2449.68 |
| 2 | 2415.10 | 2419.49 | 2417.98 | 2413.98 | 2405.04 | 2394.58 | 2394.58 | 2395.66 | 2432.67 | 2436.46 | 2447.77 | 2449.68 |
| 3 | 2415.60 | 2419.50 | 2417.21 | 2413.79 | 2404.71 | 2394.58 | 2394.58 | 2399.09 | 2432.67 | 2436.51 | 2447.94 | 2449.83 |
| 4 | 2415.98 | 2419.77 | 2417.48 | 2413.01 | 2404.30 | 2394.58 | 2394.58 | 2400.20 | 2433.18 | 2436.51 | 2448.09 | 2450.03 |
| 5 | 2416.19 | 2419.85 | 2416.93 | 2412.79 | 2403.93 | 2394.58 | 2394.66 | 2401.07 | 2433.34 | 2436.53 | 2448.23 | 2450.34 |
| 6 | 2416.42 | 2419.66 | 2417.38 | 2412.51 | 2403.53 | 2394.58 | 2394.66 | 2402.28 | 2433.42 | 2436.58 | 2448.36 | 2450.78 |
| 7 | 2416.58 | 2419.60 | 2417.14 | 2412.34 | 2403.12 | 2394.58 | 2395.34 | 2403.04 | 2433.43 | 2436.64 | 2448.47 | 2451.45 |
| 8 | 2416.79 | 2419.65 | 2417.08 | 2412.10 | 2402.70 | 2394.58 | 2395.56 | 2403.21 | 2433.44 | 2436.79 | 2448.53 | 2452.22 |
| 9 | 2416.87 | 2419.43 | 2416.84 | 2411.85 | 2402.25 | 2394.58 | 2395.65 | 2403.58 | 2433.42 | 2437.13 | 2448.64 | 2452.77 |
| 10 | 2416.95 | 2419.21 | 2416.60 | 2411.58 | 2401.68 | 2394.58 | 2395.65 | 2403.88 | 2433.41 | 2437.47 | 2448.74 | 2453.18 |
| 11 | 2417.28 | 2419.01 | 2416.38 | 2411.32 | 2401.28 | 2394.58 | 2395.65 | 2404.26 | 2433.36 | 2437.92 | 2448.82 | 2453.52 |
| 12 | 2417.48 | 2419.30 | 2416.40 | 2411.04 | 2400.75 | 2394.58 | 2395.65 | 2404.50 | 2433.38 | 2438.53 | 2448.91 | 2453.82 |
| 13 | 2417.60 | 2419.19 | 2416.15 | 2410.81 | 2400.05 | 2394.58 | 2395.65 | 2404.90 | 2433.37 | 2439.26 | 2448.99 | 2454.09 |
| 14 | 2417.79 | 2419.15 | 2416.16 | 2410.56 | 2399.45 | 2394.58 | 2395.65 | 2405.88 | 2433.41 | 2440.06 | 2449.06 | 2454.34 |
| 15 | 2417.94 | 2418.68 | 2416.03 | 2410.31 | 2398.62 | 2394.58 | 2395.65 | 2406.74 | 2433.51 | 2440.72 | 2449.14 | 2454.53 |
| 16 | 2418.07 | 2418.60 | 2415.89 | 2409.99 | 2398.06 | 2394.58 | 2395.65 | 2407.32 | 2433.58 | 2441.27 | 2449.21 | 2454.70 |
| 17 | 2418.19 | 2418.71 | 2415.77 | 2409.78 | 2397.01 | 2394.58 | 2395.65 | 2408.65 | 2433.65 | 2441.65 | 2449.27 | 2454.84 |
| 18 | 2418.34 | 2418.78 | 2415.65 | 2409.53 | 2395.54 | 2394.58 | 2395.65 | 2409.49 | 2433.70 | 2441.97 | 2449.31 | 2454.98 |
| 19 | 2418.47 | 2418.72 | 2415.43 | 2409.25 | 2394.58 | 2394.58 | 2395.65 | 2410.62 | 2433.74 | 2442.37 | 2449.40 | 2455.11 |
| 20 | 2418.62 | 2418.66 | 2415.08 | 2408.83 | 2394.58 | 2394.58 | 2395.65 | 2412.09 | 2433.78 | 2442.98 | 2449.42 | 2455.22 |
| 21 | 2418.74 | 2418.25 | 2415.33 | 2408.53 | 2394.58 | 2394.58 | 2395.65 | 2414.48 | 2433.92 | 2443.73 | 2449.46 | 2455.32 |
| 22 | 2418.34 | 2418.22 | 2414.91 | 2408.21 | 2394.58 | 2394.58 | 2395.65 | 2415.35 | 2434.37 | 2444.49 | 2449.50 | 2455.42 |
| 23 | 2418.96 | 2418.52 | 2415.24 | 2407.93 | 2394.58 | 2394.58 | 2395.65 | 2416.67 | 2434.94 | 2445.01 | 2449.56 | 2455.51 |
| 24 | 2419.07 | 2418.39 | 2415.12 | 2407.70 | 2394.58 | 2394.58 | 2395.65 | 2418.01 | 2435.45 | 2445.42 | 2449.58 | 2455.60 |
| 25 | 2419.16 | 2418.31 | 2415.00 | 2407.40 | 2394.58 | 2394.58 | 2395.65 | 2419.57 | 2435.81 | 2445.75 | 2449.60 | 2455.68 |
| 26 | 2419.28 | 2418.09 | 2414.88 | 2407.04 | 2394.58 | 2394.58 | 2394.58 | 2421.94 | 2436.01 | 2446.07 | 2449.61 | 2455.75 |
| 27 | 2419.62 | 2418.19 | 2414.56 | 2406.78 | 2394.58 | 2394.58 | 2394.58 | 2424.91 | 2436.15 | 2446.40 | 2449.63 | 2455.83 |
| 28 | 2419.52 | 2418.12 | 2414.42 | 2406.37 | 2394.58 | 2394.58 | 2394.58 | 2427.42 | 2436.25 | 2446.73 | 2449.66 | 2455.94 |
| 29 | 2419.50 | | 2414.30 | 2406.02 | 2394.58 | 2394.58 | 2394.67 | 2429.14 | 2436.33 | 2446.97 | 2449.66 | 2456.08 |
| 30 | 2419.58 | | 2414.18 | 2405.77 | 2394.58 | 2394.58 | 2395.65 | 2430.45 | 2436.38 | 2447.19 | 2449.67 | 2456.25 |
| 31 | 2419.72 | | 2413.89 | | 2394.58 | | 2395.66 | 2431.51 | | 2447.41 | | 2456.41 |

2022

WATER SURFACE AREAS, SAN CARLOS RESERVOIR

Area in Acres

| 2022 DAY | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
|----------|------|------|------|------|------|-----|-----|------|------|------|------|------|
| 1 | 2168 | 2904 | 2694 | 2224 | 1271 | 105 | 105 | 209 | 4118 | 4729 | 6333 | 6539 |
| 2 | 2341 | 2868 | 2687 | 2198 | 1241 | 105 | 105 | 209 | 4161 | 4734 | 6351 | 6539 |
| 3 | 2401 | 2869 | 2594 | 2173 | 1203 | 105 | 105 | 551 | 4188 | 4746 | 6368 | 6553 |
| 4 | 2447 | 2901 | 2697 | 2073 | 1154 | 105 | 105 | 667 | 4209 | 4746 | 6383 | 6575 |
| 5 | 2472 | 2911 | 2561 | 2044 | 1110 | 105 | 113 | 771 | 4224 | 4751 | 6397 | 6624 |
| 6 | 2500 | 2888 | 2615 | 2008 | 1063 | 105 | 113 | 914 | 4232 | 4763 | 6409 | 6694 |
| 7 | 2519 | 2881 | 2586 | 1986 | 1014 | 105 | 178 | 1005 | 4233 | 4778 | 6420 | 6801 |
| 8 | 2544 | 2887 | 2579 | 1955 | 964 | 105 | 199 | 1025 | 4234 | 4814 | 6426 | 6923 |
| 9 | 2554 | 2861 | 2550 | 1923 | 911 | 105 | 208 | 1069 | 4232 | 4896 | 6437 | 7010 |
| 10 | 2563 | 2834 | 2521 | 1888 | 843 | 105 | 208 | 1104 | 4231 | 4978 | 6447 | 7076 |
| 11 | 2603 | 2810 | 2495 | 1854 | 795 | 105 | 208 | 1150 | 4226 | 5087 | 6454 | 7130 |
| 12 | 2627 | 2845 | 2497 | 1818 | 733 | 105 | 208 | 1178 | 4228 | 5235 | 6463 | 7177 |
| 13 | 2641 | 2832 | 2467 | 1789 | 649 | 105 | 208 | 1226 | 4227 | 5411 | 6471 | 7220 |
| 14 | 2664 | 2827 | 2469 | 1756 | 588 | 105 | 208 | 1366 | 4231 | 5596 | 6478 | 7260 |
| 15 | 2682 | 2771 | 2453 | 1724 | 504 | 105 | 208 | 1393 | 4240 | 5661 | 6486 | 7290 |
| 16 | 2697 | 2761 | 2436 | 1683 | 447 | 105 | 208 | 1445 | 4247 | 5714 | 6493 | 7317 |
| 17 | 2712 | 2774 | 2422 | 1664 | 341 | 105 | 208 | 1563 | 4253 | 5752 | 6498 | 7340 |
| 18 | 2730 | 2783 | 2407 | 1642 | 197 | 105 | 208 | 1638 | 4258 | 5783 | 6502 | 7362 |
| 19 | 2745 | 2775 | 2381 | 1617 | 105 | 105 | 208 | 1764 | 4262 | 5822 | 6511 | 7382 |
| 20 | 2761 | 2768 | 2339 | 1580 | 105 | 105 | 208 | 1954 | 4266 | 5882 | 6513 | 7398 |
| 21 | 2778 | 2719 | 2369 | 1553 | 105 | 105 | 208 | 2261 | 4279 | 5956 | 6517 | 7416 |
| 22 | 2730 | 2715 | 2318 | 1524 | 105 | 105 | 208 | 2371 | 4321 | 6030 | 6521 | 7432 |
| 23 | 2804 | 2751 | 2358 | 1499 | 105 | 105 | 208 | 2530 | 4375 | 6081 | 6527 | 7446 |
| 24 | 2817 | 2736 | 2344 | 1479 | 105 | 105 | 208 | 2690 | 4490 | 6121 | 6529 | 7460 |
| 25 | 2828 | 2726 | 2329 | 1452 | 105 | 105 | 208 | 2877 | 4577 | 6153 | 6531 | 7473 |
| 26 | 2843 | 2700 | 2314 | 1420 | 105 | 105 | 105 | 3168 | 4625 | 6185 | 6532 | 7484 |
| 27 | 2883 | 2712 | 2273 | 1396 | 105 | 105 | 105 | 3534 | 4659 | 6217 | 6534 | 7497 |
| 28 | 2871 | 2703 | 2255 | 1360 | 105 | 105 | 105 | 3721 | 4683 | 6250 | 6537 | 7514 |
| 29 | 2869 | | 2239 | 1329 | 105 | 105 | 114 | 3846 | 4703 | 6273 | 6537 | 7537 |
| 30 | 2879 | | 2224 | 1306 | 105 | 105 | 208 | 3951 | 4715 | 6295 | 6538 | 7564 |
| 31 | 2895 | | 2186 | | 105 | | 209 | 4051 | | 6316 | | 7589 |

2022

AVAILABLE STORED WATER, SAN CARLOS RESERVOIR

Storage in Acre-feet

| 2022 DAY | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
|----------|-------|-------|-------|-------|------|-----|-----|-------|-------|--------|--------|--------|
| 1 | 21396 | 36740 | 31842 | 22340 | 7346 | 154 | 154 | 324 | 81079 | 99452 | 163008 | 176523 |
| 2 | 24440 | 35875 | 31681 | 21898 | 6919 | 154 | 154 | 324 | 82942 | 99547 | 164213 | 176523 |
| 3 | 25626 | 35903 | 29648 | 21483 | 6516 | 154 | 154 | 1624 | 84152 | 99784 | 165294 | 177505 |
| 4 | 26547 | 36682 | 30353 | 19827 | 6032 | 154 | 154 | 2298 | 85076 | 99784 | 166250 | 178818 |
| 5 | 27064 | 36915 | 28926 | 19374 | 5613 | 154 | 163 | 2924 | 85751 | 99879 | 167145 | 180863 |
| 6 | 27636 | 36364 | 30091 | 18807 | 5179 | 154 | 163 | 3943 | 86089 | 100117 | 167977 | 183793 |
| 7 | 28037 | 36191 | 29466 | 18467 | 4753 | 154 | 262 | 4672 | 86131 | 100403 | 168683 | 188314 |
| 8 | 28569 | 36335 | 29311 | 17994 | 4338 | 154 | 303 | 4845 | 86174 | 101122 | 169068 | 193598 |
| 9 | 28773 | 35703 | 28696 | 17510 | 3916 | 154 | 321 | 5232 | 86089 | 102773 | 169776 | 197429 |
| 10 | 28977 | 35076 | 28087 | 16995 | 3416 | 154 | 321 | 5570 | 86047 | 104452 | 170420 | 200317 |
| 11 | 29830 | 34512 | 27536 | 16509 | 3088 | 154 | 321 | 5995 | 85835 | 106716 | 170936 | 202732 |
| 12 | 30353 | 35332 | 27586 | 15994 | 2683 | 154 | 321 | 6266 | 85920 | 109864 | 171517 | 204878 |
| 13 | 30669 | 35020 | 26965 | 15580 | 2200 | 154 | 321 | 6746 | 85878 | 113750 | 172035 | 206822 |
| 14 | 31173 | 34906 | 26990 | 15137 | 1829 | 154 | 321 | 7993 | 86047 | 118156 | 172488 | 208632 |
| 15 | 31574 | 33591 | 26670 | 14702 | 1376 | 154 | 321 | 9158 | 86470 | 121871 | 173006 | 210014 |
| 16 | 31923 | 33370 | 26328 | 14156 | 1109 | 154 | 321 | 9981 | 86767 | 124999 | 173461 | 211255 |
| 17 | 32248 | 33674 | 26036 | 13805 | 695 | 154 | 321 | 11930 | 87065 | 127177 | 173850 | 212281 |
| 18 | 32656 | 33869 | 25746 | 13392 | 299 | 154 | 321 | 13326 | 87278 | 129023 | 174110 | 213311 |
| 19 | 33012 | 33702 | 25220 | 12935 | 154 | 154 | 321 | 15242 | 87448 | 131344 | 174696 | 214269 |
| 20 | 33370 | 33536 | 24394 | 12264 | 154 | 154 | 321 | 17975 | 87619 | 134914 | 174826 | 215082 |
| 21 | 33757 | 32411 | 24982 | 11794 | 154 | 154 | 321 | 23013 | 88217 | 139353 | 175087 | 215823 |
| 22 | 32656 | 32329 | 23998 | 11302 | 154 | 154 | 321 | 25030 | 90152 | 143907 | 175348 | 216565 |
| 23 | 34371 | 33149 | 24769 | 10879 | 154 | 154 | 321 | 28264 | 92630 | 147056 | 175739 | 217235 |
| 24 | 34681 | 32793 | 24487 | 10536 | 154 | 154 | 321 | 31762 | 94889 | 149558 | 175870 | 217905 |
| 25 | 34935 | 32574 | 24207 | 10097 | 154 | 154 | 321 | 36104 | 96521 | 151583 | 176000 | 218503 |
| 26 | 35275 | 31977 | 23928 | 9580 | 154 | 154 | 154 | 43266 | 97441 | 153557 | 176065 | 219026 |
| 27 | 36248 | 32248 | 23194 | 9214 | 154 | 154 | 154 | 53218 | 98091 | 155603 | 176196 | 219626 |
| 28 | 35961 | 32058 | 22878 | 8649 | 154 | 154 | 154 | 62328 | 98558 | 157600 | 176392 | 220451 |
| 29 | 35903 | | 22608 | 8178 | 154 | 154 | 164 | 68835 | 98934 | 159163 | 176392 | 221505 |
| 30 | 36133 | | 22340 | 7849 | 154 | 154 | 321 | 73938 | 99164 | 160546 | 176458 | 222788 |
| 31 | 36537 | | 21701 | | 154 | | 324 | 78179 | | 161933 | | 224001 |

2022

DAILY EVAPORATION, SAN CARLOS RESERVOIR

Acre-feet

| 2022 DAY | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
|--------------|-----|-----|-------|-------|-----|-----|-----|-------|-------|-------|-------|-------|
| 1 | 3 | 36 | 25 | 35 | 39 | 3 | 2 | 5 | 81 | 104 | 33 | 72 |
| 2 | 13 | 31 | 35 | 24 | 38 | 3 | 3 | 6 | 92 | 98 | 63 | 59 |
| 3 | 10 | 34 | 43 | 36 | 33 | 3 | 3 | 10 | 101 | 132 | 17 | 59 |
| 4 | 8 | 12 | 49 | 48 | 51 | 3 | 2 | 10 | 99 | 44 | 59 | 203 |
| 5 | 9 | 28 | 39 | 47 | 27 | 3 | 4 | 18 | 91 | 21 | 17 | 46 |
| 6 | 12 | 26 | 27 | 53 | 27 | 3 | 3 | 25 | 100 | 83 | 83 | 67 |
| 7 | 8 | 30 | 34 | 35 | 30 | 3 | 5 | 21 | 114 | 140 | 30 | 67 |
| 8 | 8 | 20 | 29 | 43 | 36 | 2 | 8 | 19 | 132 | 13 | 48 | 21 |
| 9 | 13 | 23 | 33 | 60 | 22 | 3 | 5 | 14 | 113 | 57 | 62 | 35 |
| 10 | 18 | 27 | 40 | 38 | 25 | 4 | 7 | 33 | 127 | 92 | 66 | 7 |
| 11 | 16 | 30 | 35 | 83 | 21 | 4 | 7 | 32 | 86 | 85 | 17 | 14 |
| 12 | 8 | 31 | 29 | 39 | 22 | 4 | 8 | 30 | 52 | 72 | 43 | 222 |
| 13 | 11 | 23 | 38 | 36 | 16 | 4 | 6 | 19 | 97 | 93 | 73 | 7 |
| 14 | 13 | 22 | 35 | 34 | 19 | 4 | 6 | 20 | 98 | 67 | 50 | |
| 15 | 14 | 44 | 30 | 39 | 18 | 4 | 6 | 30 | 82 | 61 | 38 | 95 |
| 16 | 14 | 17 | 44 | 44 | 17 | 4 | 8 | 37 | 122 | 36 | 32 | 7 |
| 17 | 15 | 29 | 42 | 34 | 10 | 3 | 8 | 35 | 112 | 84 | 95 | 7 |
| 18 | 12 | 25 | 37 | 36 | 9 | 2 | 6 | 11 | 120 | 83 | 28 | 22 |
| 19 | 12 | 31 | 29 | 43 | 4 | 2 | 8 | 13 | 91 | 73 | 81 | 15 |
| 20 | 9 | 28 | 25 | 41 | 4 | 3 | 6 | 22 | 63 | 55 | 10 | 30 |
| 21 | 10 | 23 | 27 | 40 | 3 | 2 | 7 | 49 | 84 | 65 | 66 | 7 |
| 22 | 12 | 34 | 43 | 43 | 2 | 3 | 8 | 36 | 86 | 68 | 20 | 59 |
| 23 | 13 | 14 | 37 | 34 | 3 | 3 | 7 | 46 | 127 | 47 | 68 | 22 |
| 24 | 23 | 15 | 36 | 44 | 3 | 2 | 5 | 42 | 53 | 65 | 67 | 37 |
| 25 | 21 | 21 | 42 | 23 | 3 | 3 | 5 | 48 | 86 | 59 | 38 | 30 |
| 26 | 18 | 24 | 39 | 40 | 4 | 3 | 3 | 69 | 100 | 72 | 56 | 52 |
| 27 | 17 | 25 | 41 | 36 | 3 | 3 | 2 | 50 | 70 | 86 | 11 | 22 |
| 28 | 24 | 28 | 39 | 42 | 4 | 3 | 2 | 123 | 130 | 57 | 58 | |
| 29 | 38 | | 63 | 37 | 3 | 3 | 3 | 77 | 48 | 52 | 80 | 23 |
| 30 | 36 | | 30 | 35 | 4 | 3 | 3 | 88 | 77 | 75 | 55 | 15 |
| 31 | 34 | | 43 | | 2 | | 5 | 77 | | 32 | | 9 |
| Total | 472 | 731 | 1,138 | 1,222 | 502 | 92 | 161 | 1,115 | 2,834 | 2,171 | 1,464 | 1,331 |

Total for the Year: 13,233 acre-feet

2022

DAILY RAINFALL, SAN CARLOS RESERVOIR

Acre-feet

| 2022 DAY | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
|--------------|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|-------|
| 1 | | | | | | | 1 | | | | | |
| 2 | | | | | | | | | | | 180 | |
| 3 | | | 166 | | | | | 30 | | 296 | 143 | 824 |
| 4 | | | | | | | | | | 4 | 11 | 826 |
| 5 | | | | | | | | | | 59 | | |
| 6 | | | | | | | | 8 | | | | |
| 7 | | | | | | | | | | | | |
| 8 | | | | | | | | 8 | | 128 | | |
| 9 | | | | | | | | 3 | | | | |
| 10 | | | | | | | | 3 | 99 | | | |
| 11 | | | | | | | | | 99 | | | 30 |
| 12 | | | | | | | 2 | 5 | | | | 173 |
| 13 | | | | | | | | 13 | 4 | | | 150 |
| 14 | | | | | | | 4 | | | | | |
| 15 | | | | | | | | | | | | |
| 16 | | | | | | | | 12 | | 19 | | |
| 17 | | | | | | | | | | | | |
| 18 | | | | | | 5 | | 52 | | | | |
| 19 | | | | | | | | 51 | 99 | | | |
| 20 | | | 6 | | | | | 9 | 89 | | | |
| 21 | | | | | 8 | | | 125 | 57 | | | |
| 22 | | | | | | | 1 | | | | | |
| 23 | | 80 | | | | | 1 | | | | | |
| 24 | | | | | | | 1 | 9 | | | | |
| 25 | | | | | | | | 12 | | | | |
| 26 | | | | | | | | 10.0 | | | | |
| 27 | | | | | | | 1 | 70 | | | | 25 |
| 28 | | | 36 | | | | | 178 | | | | 263 |
| 29 | | | 165 | | | | | | | | | 44 |
| 30 | | | | | | | 4 | 6 | | | | 19 |
| 31 | | | | | | | 1 | | | | | |
| Total | | 80 | 373 | | 8 | 5 | 16 | 604 | 447 | 506 | 334 | 2,354 |

Total for the Year: 4,727 ac-ft

2022

RAINFALL AT COOLIDGE DAM

Elevation approximately 2,550 feet

Inches

| 2022 DAY | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
|--------------|-----|------|------|-----|------|------|------|------|------|------|------|------|
| 1 | | | | | | | 0.10 | | | | | |
| 2 | | | | | | | | | | | 0.34 | |
| 3 | | | 0.76 | | | | | 0.95 | | 0.75 | 0.27 | 1.51 |
| 4 | | | | | | | | | | 0.01 | 0.02 | 1.51 |
| 5 | | | | | | | | | | 0.15 | | |
| 6 | | | | | | | | 0.12 | | | | |
| 7 | | | | | | | | | | | | |
| 8 | | | | | | | | 0.09 | | 0.32 | | |
| 9 | | | | | | | | 0.03 | | | | |
| 10 | | | | | | | | 0.03 | 0.28 | | | |
| 11 | | | | | | | | | 0.28 | | | 0.05 |
| 12 | | | | | | | 0.13 | 0.05 | | | | 0.29 |
| 13 | | | | | | | 0.02 | 0.13 | 0.01 | | | 0.25 |
| 14 | | | | | | | 0.21 | | | | | |
| 15 | | | | | | | | | | | | |
| 16 | | | | | | | | 0.10 | | 0.04 | | |
| 17 | | | | | | | | | | | | |
| 18 | | | | | | 0.59 | | 0.39 | | | | |
| 19 | | | | | | | | 0.36 | 0.28 | | | |
| 20 | | | 0.03 | | | | | 0.06 | 0.25 | | | |
| 21 | | | | | 0.89 | | | 0.71 | 0.16 | | | |
| 22 | | | | | | | 0.05 | | | | | |
| 23 | | 0.35 | | | | | 0.06 | | | | | |
| 24 | | | | | | | 0.03 | 0.04 | | | | |
| 25 | | | | | | | | 0.05 | | | | |
| 26 | | | | | | | 0.02 | 0.04 | | | | |
| 27 | | | | | | | 0.06 | 0.25 | | | | 0.04 |
| 28 | | | 0.19 | | | | 0.04 | 0.59 | | | | 0.42 |
| 29 | | | 0.88 | | | | | | | | | 0.07 |
| 30 | | | | | | | 0.30 | 0.02 | | | | 0.03 |
| 31 | | | | | | | 0.03 | | | | | |
| Total | | 0.35 | 1.86 | | 0.89 | 0.59 | 1.05 | 4.01 | 1.26 | 1.27 | 0.63 | 4.17 |

Note: T-Trace

Total for Year : 16.08 inches

1956-2022

MONTHLY RAINFALL AT COOLIDGE DAM

Inches

| YEAR | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | TOTAL |
|------|-------|------|------|------|------|------|------|------|------|------|------|------|-------|
| 1956 | 2.20 | 0.82 | | 0.47 | | 0.11 | 1.51 | 1.36 | | 0.60 | | 0.09 | 7.16 |
| 1957 | 3.90 | 0.60 | 1.16 | 0.30 | 0.74 | 0.42 | 1.65 | 1.64 | 0.07 | 4.28 | 1.01 | 0.66 | 16.43 |
| 1958 | | 3.26 | 4.18 | 1.12 | 0.02 | 0.67 | 1.38 | 1.38 | 1.91 | 2.25 | 1.03 | 0.11 | 17.31 |
| 1959 | 0.42 | 1.25 | | 0.19 | | 0.31 | 2.98 | 3.20 | | 3.76 | 0.67 | 3.42 | 16.20 |
| 1960 | 2.66 | 1.16 | 0.28 | 0.03 | 0.76 | | 0.92 | 0.51 | 1.19 | 2.83 | 0.36 | 0.97 | 11.67 |
| 1961 | 1.21 | 0.08 | 0.83 | | | | 1.14 | 2.79 | 0.81 | 1.07 | 1.13 | 3.04 | 12.10 |
| 1962 | 1.71 | 0.82 | 0.98 | | | 0.27 | 1.75 | 0.34 | 2.23 | 0.91 | 0.91 | 1.88 | 11.80 |
| 1963 | 1.87 | 3.02 | 0.70 | 0.48 | | | 0.27 | 4.27 | 0.56 | 0.77 | 1.09 | 0.19 | 13.22 |
| 1964 | 0.27 | | 0.96 | 0.22 | | | 4.10 | 2.75 | 2.57 | 0.58 | 1.13 | 1.26 | 13.84 |
| 1965 | 2.34 | 2.18 | 1.12 | 1.13 | | 0.53 | 1.35 | 1.67 | 0.71 | 0.15 | 3.25 | 8.53 | 22.96 |
| 1966 | 1.11 | 1.99 | 0.37 | T | | 0.73 | 2.21 | 5.51 | 3.32 | 0.88 | 0.63 | 1.14 | 17.89 |
| 1967 | 0.43 | 0.21 | 1.31 | 0.51 | 0.66 | 0.14 | 4.68 | 1.74 | 1.01 | 0.81 | 1.05 | 6.44 | 18.99 |
| 1968 | 1.05 | 2.36 | 1.69 | 0.21 | 0.22 | T | 0.31 | 2.50 | 0.01 | 0.24 | 1.78 | 2.64 | 13.01 |
| 1969 | 1.66 | 0.68 | 0.81 | 0.06 | 0.93 | T | 0.65 | 2.41 | 1.45 | 0.58 | 2.49 | 0.84 | 12.56 |
| 1970 | 0.02 | 0.28 | 3.91 | 0.50 | 0.01 | T | 0.62 | 1.76 | 3.03 | 0.31 | 0.21 | 0.63 | 11.28 |
| 1971 | 0.29 | 0.88 | 0.17 | 0.32 | | | 1.85 | 3.05 | 1.15 | 4.24 | 0.68 | 2.41 | 15.04 |
| 1972 | 0.05 | | | | 0.31 | 1.30 | 0.85 | 1.69 | 2.07 | 5.96 | 1.16 | 1.91 | 15.30 |
| 1973 | 0.44 | 2.54 | 3.71 | 0.03 | 1.42 | 0.62 | 1.73 | 0.24 | 0.03 | | 0.93 | | 11.69 |
| 1974 | 2.00 | 0.11 | 0.95 | 0.11 | | | 1.17 | 1.21 | 1.69 | 2.63 | 0.37 | 0.56 | 10.80 |
| 1975 | 0.70 | 1.42 | 2.48 | 1.24 | T | | 2.65 | 0.72 | 2.68 | 0.06 | 1.44 | 0.91 | 14.30 |
| 1976 | 0.20 | 2.08 | 0.42 | 1.85 | 0.98 | | 1.14 | 2.28 | 1.77 | 1.14 | 0.49 | 0.01 | 12.36 |
| 1977 | 1.79 | 0.08 | 1.22 | 0.14 | 0.13 | 0.11 | 1.94 | 1.80 | 0.83 | 2.89 | 0.31 | 0.75 | 11.99 |
| 1978 | 4.12 | 2.59 | 3.29 | 0.33 | 0.78 | 0.25 | 2.13 | 1.04 | 0.87 | 1.83 | 5.40 | 6.18 | 28.81 |
| 1979 | 4.59 | 1.76 | 2.15 | 0.61 | 0.96 | 1.50 | 0.57 | 1.88 | 0.13 | 0.29 | 0.39 | 1.16 | 15.99 |
| 1980 | 4.02 | 4.69 | 2.08 | 0.05 | 0.03 | | 0.77 | 1.33 | 1.14 | 0.59 | 0.29 | 0.28 | 15.27 |
| 1981 | 1.39 | 0.96 | 3.09 | 0.33 | 0.33 | 0.02 | 2.50 | 0.37 | 0.45 | 0.27 | 1.56 | | 11.27 |
| 1982 | 2.68 | 2.15 | 1.92 | 0.04 | 0.63 | | 2.68 | 2.05 | 1.49 | | 1.84 | 2.75 | 18.23 |
| 1983 | 2.36 | 1.93 | 4.68 | 0.36 | 0.04 | | 0.69 | 4.26 | 3.46 | 5.42 | 1.97 | 2.19 | 27.36 |
| 1984 | 0.69 | | | 0.80 | | 0.10 | 2.56 | 1.29 | 0.98 | 1.38 | 1.47 | 5.06 | 14.33 |
| 1985 | 2.52 | 1.39 | 1.22 | 0.94 | T | 0.03 | 0.49 | 2.65 | 2.90 | 0.66 | 2.97 | 0.26 | 16.03 |
| 1986 | 0.19 | 2.44 | 4.06 | 0.22 | T | 0.31 | 1.98 | 2.59 | 1.29 | 1.64 | 1.24 | 2.89 | 18.85 |
| 1987 | 1.55 | 2.21 | 1.03 | 0.21 | 0.30 | T | 0.69 | 1.93 | 1.48 | 0.56 | 1.45 | 1.96 | 13.37 |
| 1988 | 1.21 | 0.76 | | 2.60 | | 0.36 | 2.93 | 5.16 | 0.81 | 0.81 | 1.00 | 0.50 | 16.14 |
| 1989 | 2.36 | 0.20 | 1.03 | | 0.10 | | 2.15 | 3.14 | 0.05 | 1.60 | T | 0.55 | 11.18 |
| 1990 | 0.80 | 1.54 | 0.91 | 0.56 | 0.10 | 0.14 | 2.26 | 4.66 | 1.21 | 0.87 | 0.84 | 4.77 | 18.66 |
| 1991 | 1.28 | 1.00 | 5.03 | | | 0.15 | 0.36 | 0.98 | 2.10 | 0.45 | 1.45 | 2.76 | 15.56 |
| 1992 | 2.24 | 3.26 | 2.69 | 0.27 | 2.67 | 0.30 | 1.64 | 4.06 | 1.45 | 0.98 | 0.10 | 6.17 | 25.83 |
| 1993 | 10.57 | 3.90 | 1.50 | | 2.11 | | 0.52 | 2.51 | 0.75 | 1.49 | 1.74 | 0.85 | 25.94 |
| 1994 | 0.12 | 3.17 | 1.79 | 0.48 | 0.74 | 0.03 | 0.63 | 1.82 | 2.55 | 1.55 | 2.39 | 2.10 | 17.37 |
| 1995 | 4.22 | 1.88 | 1.94 | 0.69 | 0.49 | | | 2.52 | 1.25 | | 0.88 | 0.74 | 14.61 |
| 1996 | 0.04 | 2.82 | 0.78 | 0.16 | | 0.74 | 2.35 | 1.37 | 2.98 | 0.31 | 1.02 | | 12.57 |
| 1997 | 3.21 | 2.38 | 0.35 | 0.25 | 0.39 | 0.12 | 0.42 | 1.56 | 1.54 | 1.25 | 1.24 | 3.25 | 15.96 |
| 1998 | 0.71 | 4.73 | 2.05 | 0.46 | | 0.13 | 1.62 | 2.75 | 0.31 | 1.66 | 1.48 | 0.63 | 16.53 |
| 1999 | 0.16 | 0.13 | 0.27 | 2.27 | | | 3.82 | 2.07 | 1.06 | | | | 9.78 |
| 2000 | 0.40 | 0.72 | 0.87 | 0.04 | | 0.81 | 0.28 | 2.97 | 0.54 | 5.32 | 1.90 | 0.12 | 13.97 |
| 2001 | 2.64 | 1.39 | 0.34 | 1.48 | 0.44 | 0.06 | 1.93 | 2.10 | 0.56 | 0.84 | 0.13 | 1.16 | 13.07 |
| 2002 | 0.10 | | 0.35 | 0.18 | | | 1.32 | 1.20 | 0.60 | 0.17 | 0.22 | 1.12 | 5.26 |
| 2003 | 0.63 | 3.99 | 0.63 | 0.38 | 0.02 | | 2.01 | 0.58 | 1.60 | 0.42 | 0.86 | 0.54 | 11.66 |
| 2004 | 1.65 | 0.76 | 2.29 | 1.39 | 0.00 | 0.38 | 0.35 | 1.78 | 0.40 | 1.09 | 0.72 | 2.44 | 13.25 |
| 2005 | 3.20 | 4.79 | 1.22 | 0.50 | 0.10 | 0.88 | 2.59 | 1.33 | 1.90 | 0.32 | 0.00 | 0.06 | 16.89 |
| 2006 | 0.06 | 0.00 | 1.70 | 0.36 | 0.00 | 0.12 | 4.66 | 1.71 | 0.63 | 2.87 | 0.11 | 0.33 | 12.55 |

1956-2022

MONTHLY RAINFALL AT COOLIDGE DAM

Inches

| YEAR | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | TOTAL |
|-------------|------|------|------|------|------|------|------|------|------|------|------|------|--------------|
| 2007 | 1.45 | 0.85 | 1.08 | 0.05 | 0.00 | 0.00 | 2.11 | 2.09 | 0.24 | 0.15 | 2.70 | 2.67 | 13.39 |
| 2008 | 2.60 | 1.89 | 0.70 | 0.00 | 1.41 | 0.00 | 2.49 | 3.80 | 0.10 | 0.06 | 0.91 | 2.23 | 16.19 |
| 2009 | 1.72 | 1.34 | 0.30 | 0.63 | 0.84 | 0.32 | 2.98 | 0.03 | 0.57 | | 0.14 | 1.88 | 10.75 |
| 2010 | 5.99 | 2.05 | 1.30 | 0.20 | 0.00 | 0.05 | 2.92 | 1.17 | 0.47 | 0.82 | 0.05 | 2.10 | 17.12 |
| 2011 | 0.00 | 0.54 | 0.26 | 0.42 | 0.11 | 0.06 | 3.07 | 2.07 | 1.44 | 0.27 | 0.67 | 2.85 | 11.76 |
| 2012 | 0.85 | 0.17 | 0.72 | 0.38 | 0.00 | 0.00 | 4.05 | 1.69 | 2.49 | 0.00 | 0.57 | 2.59 | 13.51 |
| 2013 | 1.76 | 0.72 | 0.80 | 0.37 | 0.00 | 0.18 | 2.15 | 1.31 | 1.18 | 0.20 | 1.41 | 0.24 | 10.32 |
| 2014 | 0.00 | 0.11 | 0.96 | 0.06 | 0.00 | 0.00 | 2.08 | 1.93 | 2.77 | 1.21 | 0.00 | 2.12 | 11.24 |
| 2015 | 1.88 | 0.05 | 0.69 | 0.60 | 0.48 | 0.75 | 1.54 | 2.59 | 1.96 | 2.70 | 1.75 | 1.43 | 16.42 |
| 2016 | 2.52 | 0.00 | 0.01 | 0.55 | 0.25 | 0.71 | 1.20 | 1.31 | 1.75 | 0.84 | 2.79 | 3.07 | 15.00 |
| 2017 | 2.11 | 0.49 | 0.01 | 0.00 | 0.22 | 2.56 | 4.99 | 0.29 | 0.08 | 0.00 | 0.00 | 0.36 | 11.11 |
| 2018 | 0.35 | 2.23 | 0.07 | 0.00 | 0.23 | 0.41 | 3.03 | 1.84 | 0.42 | 3.34 | 0.56 | 1.39 | 13.87 |
| 2019 | 1.66 | 4.51 | 1.40 | 0.08 | 0.16 | 0.00 | 1.17 | 1.21 | 1.05 | 0.00 | 6.23 | 2.70 | 20.17 |
| 2020 | 1.14 | 2.32 | 2.10 | 0.00 | 0.24 | 0.00 | 1.35 | 1.06 | 0.00 | 1.01 | 0.33 | 0.36 | 9.91 |
| 2021 | 2.43 | 0.23 | 0.81 | 0.27 | 0.00 | 0.00 | 4.58 | 5.66 | 3.19 | 0.67 | 0.22 | 2.68 | 20.74 |
| 2022 | 0.00 | 0.35 | 1.86 | 0.00 | 0.89 | 0.59 | 1.05 | 4.01 | 1.26 | 1.27 | 0.63 | 4.17 | 16.08 |

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J ALBERT BROWN
AMY BROWN
GARRETT PERKINS
OF COUNSEL DOUGLAS E. BROWN

February 13, 2023

VIA CERTIFIED MAIL

Secretary of Interior
Department of Interior
1849 C Street NW
Washington, D.C. 20240

Regional Director
Bureau of Reclamation
Lower Colorado Region
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Boulder City, NV 89005

Department of Interior
Bureau of Indian Affairs
2600 N. Central Ave., 4th Floor
Phoenix, AZ 85004

Linus Everling
Acting General Counsel
Gila River Indian Community
P.O. Box 97
Sacaton, AZ 85747

General Manager & General
Counsel
San Carlos Irrigation & Drainage
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Lawrence Marquez
Arizona Water Settlements
Bureau of Reclamation
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Governor
Gila River Indian Community
P.O. Box 97
Sacaton, AZ 85747

Patricia A. Doyle
Gila Water Commissioner
P.O. Box 152
Safford, AZ 85548

Re: 2022 annual report
February 13, 2023
Page 2

Re: 2022 Annual Report

Dear Sir or Madam:

Pursuant to subparagraph 6.4 of the UV Forbearance Agreement, enclosed please find a copy of a report prepared on behalf of the Gila Valley and Franklin Irrigation Districts entitled "Arizona Irrigation Districts Provisional Annual Total Water Use 2022."

Sincerely,



David A. Brown
J A. Brown
Garrett Perkins
BROWN & BROWN LAW
OFFICES, P.C.

DAB/lv
Enclosure

cc by email: Lorraine Hollingsworth - lhollingsworth@domicilaw.com
Douglas Behm - dbehm@behmlaw.com
Merrill Godfrey - mgodfrey@akingump.com
Linus Everling - linus.everling@gric.nsn.us



Arizona Irrigation Districts
Provisional Annual Total Water Use 2022

| Franklin Irrigation District | | Gila Valley Irrigation District | |
|-------------------------------------|------------------|--|-------------------|
| TBI Acres | 2,601.82 | TBI Acres | 22,166.61 |
| Surface Water (AF) | | Surface Water (AF) | |
| January | 63.97 | January | 238.00 |
| February | 158.45 | February | 374.00 |
| March | 430.96 | March | 7,938.00 |
| April | 507.41 | April | 5,002.00 |
| May | 87.75 | May | 1,351.00 |
| June | 5.55 | June | 2,606.00 |
| July | 501.59 | July | 9,960.00 |
| August | 217.14 | August | 7,159.00 |
| September | 225.61 | September | 7,095.00 |
| October | 50.60 | October | 1,746.00 |
| November | 242.54 | November | 1,747.00 |
| December | 255.09 | December | 4,323.00 |
| Total Surface Water | <u>2,746.64</u> | Total Surface Water | <u>49,539.00</u> |
| Pumped Water (AF) | | Pumped Water (AF) | |
| Quarter 1 | 883.39 | Quarter 1 | 13,391.36 |
| Quarter 2 | 4,304.13 | Quarter 2 | 35,908.33 |
| Quarter 3 | 1,804.80 | Quarter 3 | 24,336.88 |
| Quarter 4 | 535.65 | Quarter 4 | 468.58 |
| Total Pumped Water | <u>7,527.98</u> | Total Pumped Water | <u>74,105.16</u> |
| Total Water (AF) | <u>10,274.62</u> | Total Water (AF) | <u>123,644.16</u> |
| Water Duty (AF/A) | 3.95 | Water Duty (AF/A) | 5.58 |

Arizona Irrigation District Totals

| | |
|--------------------|-------------|
| TBI Acres | 24,768.43 |
| Surface Water (AF) | 52,285.64 |
| Pumped Water (AF) | 81,633.14 |
| Total Water (AF) | 133,918.78 |
| Water Duty (AF/A) | 5.41 |

Sunset Ditch Company
 110 Richmond Ave. Box 4
 Virden, NM 88045
 575-358-2594

New Mexico Canals Provisional Adjusted Total Water Use 2022

| Sunset Canal | | New Model Canal New Mexico | |
|--|-----------------------|--|-----------------------|
| Sunset Subjugated Acres | Not determined by STC | New Model NM Subjugated Acres | Not determined by STC |
| Sunset TBI Eligible Acres | Not determined by STC | New Model NM Eligible Acres | Not determined by STC |
| Sunset TBI (acres) (Just NM side) | 1,942.69 | New Model NM TBI (acres) (Just NM side) | 212.44 |
| Sunset Surface Water (AF) | 3,380.28 | New Model NM Surface Water (AF) | 135.96 |
| Sunset Pumped Water (AF) | 6,288.00 | New Model NM Pumped Water (AF) | 302.00 |
| Sunset Total Use for Fallowing (AF) | 0.00 | New Model NM Total Use for Fallowing (AF) | 0.00 |
| Sunset Total Water (AF) | 9,668.28 | New Model NM Total Water (AF) | 437.96 |

New Mexico Canals Totals

Subjugated Acres Not determined by STC
 TBI Eligible Acres Not determined by STC
 TBI (Acres) 2,155.13
 Surface Water (AF) 3,516.24
 Pumped Water (AF) 6,590.00
 Total Use for Fallowing
 Total Water (AF) 10,106.24= 4.69 ac/ft.

| | | |
|---------------|---|---|
| Reports used: | December 2022 Summary of TBI Acres: December 2022 Well Report: December 2022 Monthly Surface Water: | Gila Water Commissioner NM State Engineer Gila Water Commissioner |
|---------------|---|---|

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110 Richmond Ave. Box 4
Virden, New Mexico 88045
928-965-1196

March 2, 2023

Secretary of the Interior
Department of the Interior
1849 C Street NW
Washington, DC 20240

Regional Director
Bureau of Reclamation
Lower Colorado Region
PO Box 427
Boulder City, NV 89005

Department of Interior
Bureau of Indian Affairs
2600 N. Central Avenue, 4th Floor
Phoenix, AZ 85004

Acting General Counsel
Gila River Indian Community
PO Box 97
Sacaton, AZ 85747

General Manager and General Counsel
San Carlos Irrigation & Drainage District
PO Box 218
Coolidge, AZ 85228

Lawrence Marquez
Arizona Water Settlements
Bureau of Reclamation
Phoenix Area Office
6150 West Thunderbird Road
Glendale, AZ 85306-4001

Governor
Gila River Indian Community
PO box 97
Sacaton, AZ 85747

RE: New Mexico Canals 2022 Annual Water Use Report

Dear Sir or Madam:

Enclosed please find a copy of the 2022 Annual Water Use Report for Sunset Ditch Company and New Mexico New Model.

Sincerely,

Sunset Ditch Company

Hollie Jones, Secretary

Encl.

cc: Patricia Doyle, Water Commissioner, via email
Lorraine Hollingsworth, Domenici Law Firm, via email
Clients via email

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March 2, 2023

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