

Eighty First 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

2016



EIGHTY FIRST ANNUAL REPORT

2016

DISTRIBUTION OF WATERS OF THE GILA RIVER

By the

GILA WATER COMMISSIONER

Patricia A. Doyle

To the

UNITED STATES DISTRICT COURT

Safford, Arizona
Nov 15 2017

Honorable Susan R. Bolton
Judge of the United States District Court
Phoenix, Arizona

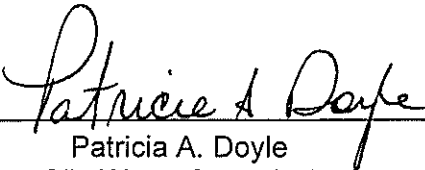
No. CV 31-0059-TUC-SRB
aka Globe Equity No. 59

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

Dear Judge Bolton:

I submit herewith the Eighty-First 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 2016.

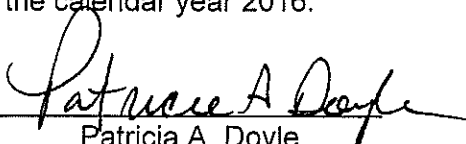
Respectfully,



Patricia A. Doyle
Gila Water Commissioner

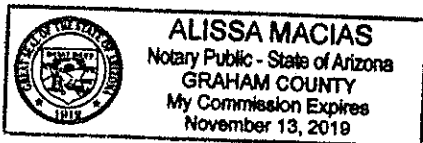
State of Arizona)
) ss:
County of Graham)

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 2016, to the best of my knowledge and belief. Furthermore, that the Financial Statement submitted herein is a true and accurate record of all receipts and disbursements for the calendar year 2016.



Patricia A. Doyle
Gila Water Commissioner

Subscribed and sworn to before me this 15 day of November, 2017.





Notary Public

My commission expires: 11/13/19

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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 II	Safford, Arizona
Alissa Macias, Water Specialist II	Safford, 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 Acting 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 Cospers Crossing, in Duncan Valley, Arizona, is monitored daily, during periods that the Gila River is at low flow. The observer of Cospers Crossing is Joe Light, 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 7,941.45 decreed acres; with lands in Hidalgo County, New Mexico and Greenlee County, Arizona. **Safford Valley**, 31,570.19 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 146,929.79 acres.

DISTRIBUTION OF WATERS

Total Capacity of San Carlos Reservoir	861,540.00	ac-ft
January 1, 2016, Stored water in the San Carlos Reservoir:	58,534.00	ac-ft
December 31, 2016 Stored water in San Carlos Reservoir:	46,200.00	ac-ft
Percent of total capacity.	5.36%	ac-ft

Apportioned to the Upper Valleys, (Franklin and Safford Valley), 3.58 ac-ft

A total of 3.58 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. 2.30 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: 220,638 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.

2016 WATER SUPPLY

Total flow of the Gila River, as recorded at Gila River at Head of Safford Valley Near Solomon:	203,303 ac-ft
Total Inflow into the San Carlos Reservoir from the Gila River and the San Carlos River	173,976 ac-ft
Total water spilled and sluiced at Ahsurt-Hayden Dam:	10,811 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
08/25/15	WET	REPORTED				
05/17/16	DRY	REPORTED				
07/31/16	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:

2016	Gila River below Blue Creek (good)*	San Francisco River at Clifton (good)*	Total	Gila at Calva (poor)*	Consumptive use	Accumulated Consumptive use
Jan.	18,482	9,142	27,624	29,082	-1,458	-1,458
Feb.	18,536	11,976	30,512	29,318	1,194	-264
Mar.	12,885	10,035	22,920	13,639	9,281	9,017
Apr.	7,537	5,740	13,277	3,856	9,421	18,438
May	3,560	2,400	5,960	2,136	3,824	22,262
Jun.	830	1,194	2,024	731	1,293	23,555
Jul.	1,172	1,486	2,658	2,249	409	23,964
Aug.	7,063	6,375	13,438	7,595	5,843	29,807
Sep.	11,427	10,939	22,366	17,056	5,310	35,117
Oct.	9,691	5,538	15,229	15,717	-488	34,629
Nov.	6,085	5,117	11,202	11,121	81	34,710
Dec.	28,465	17,403	45,868	32,742	13,126	47,836
TOTALS	125,733	87,345	213,078	165,242	47,836	47,836

UPPER VALLEYS 2016 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.

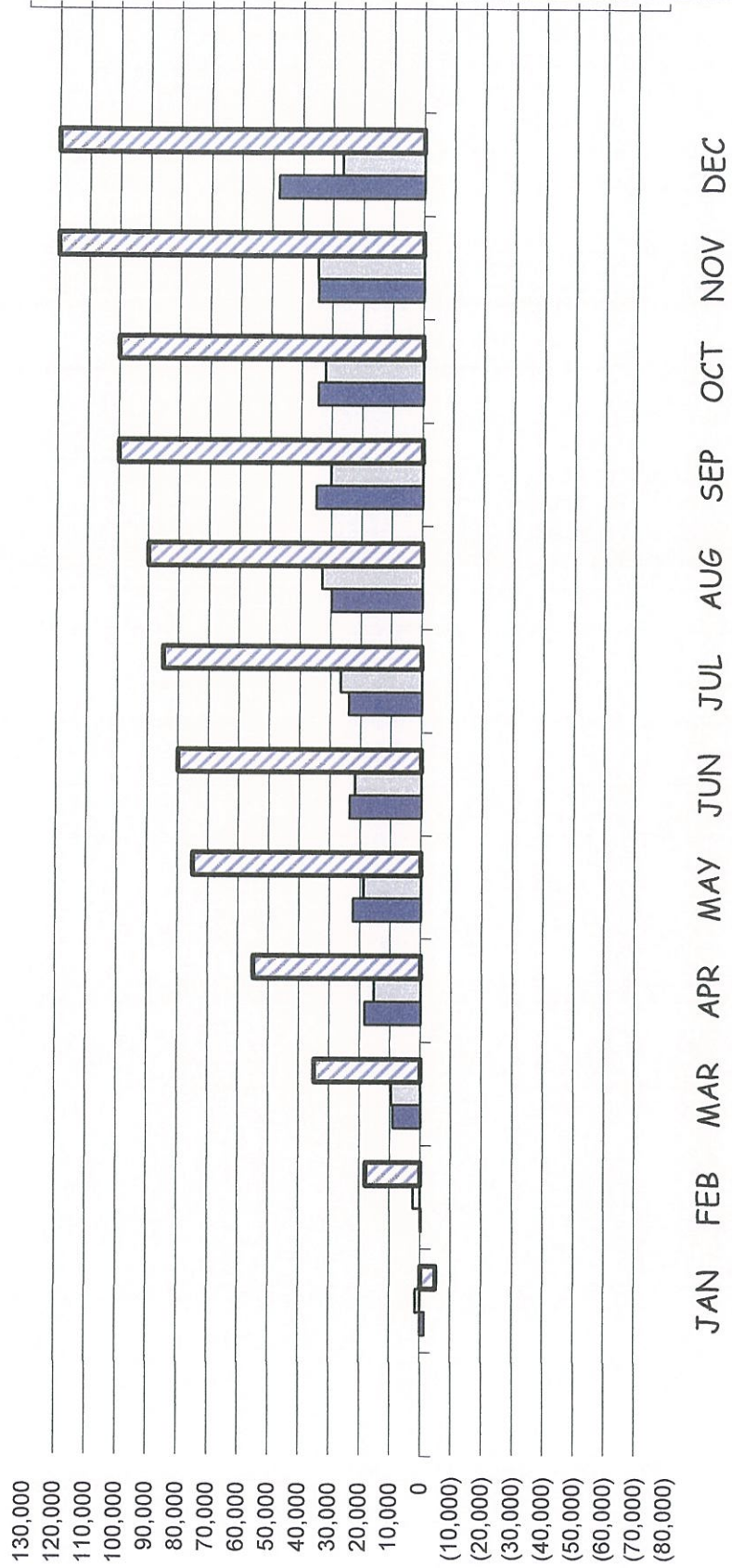
THIS TRACKING METHOD HAS NOT BEEN ADOPTED AS THE ONLY INDICATOR OR GUIDELINE IN PROJECTING ACTUAL CONSUMPTIVE USE under the Gila Decree

Input data rounded to USGS standards - IN ACRE-FEET

2016	CONSUMPTIVE USE		UPPER VALLEYS and San Carlos Apache Tribe		HEAD OF SAFFORD VALLEY		FLOW BALANCE						TOTAL INFLOW Gila + SF	ACCUM. FLOW BALANCE	MAXIMUM CONSUMPTIVE USE RECOMMENDED
	MONTH	RESULT	ACCUM. RESULT	DIVERSIONS	ACCUM. DIV'S	GILA RIVER FLOW	GILA R. ACCUM FLOW	FLOW BALANCE	GILA CALVA	GILA VIRDEN	SAN FRANCISCO CLIFTON	DIV'S			
JAN	-1,458	-1,458		129	129	27,977	27,977	1,587	29,082	18,482	9,142	129	1,587	75,000	
FEB	1,194	-264		1,891	2,020	29,005	56,982	697	29,318	18,536	11,976	1,891	2,284	75,000	
MAR	9,281	9,017		16,651	18,671	20,218	77,200	7,370	13,639	12,885	10,035	16,651	9,654	75,000	
APR	9,421	18,438		15,190	33,861	10,167	87,367	5,769	3,856	7,537	5,740	15,190	15,423	75,000	
MAY	3,824	22,262		7,259	41,120	4,955	92,322	3,435	2,136	3,560	2,400	7,259	18,858	75,000	
JUN	1,293	23,555		4,202	45,322	2,485	94,807	2,909	731	830	1,194	4,202	21,767	80,000	
JUL	409	23,964		5,307	50,629	3,824	98,631	4,898	2,249	1,172	1,486	5,307	26,665	85,000	
AUG	5,843	29,807		12,162	62,791	13,506	112,137	6,319	7,595	7,063	6,375	12,162	32,984	90,000	
SEP	5,310	35,117		2,509	65,300	21,882	134,019	(2,801)	17,056	11,427	10,939	2,509	30,183	100,000	
OCT	-488	34,629		1,599	66,899	16,011	150,030	2,087	15,717	9,691	5,538	1,599	32,270	100,000	
NOV	81	34,710		2,644	69,543	11,889	161,919	2,563	11,121	6,085	5,117	2,644	34,833	120,000	
DEC	13,126	47,836		5,178	74,721	41,384	203,303	(7,948)	32,742	28,465	17,403	5,178	26,885	120,000	
TOTALS	47,836			74,721		203,303		26,885	165,242	125,733	87,345	74,721			
Graph	→ Consum. Use		Diversions		Graph						Flow Bal	River Flow	Max Cons Use		

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

2016
**CONSUMPTIVE USE RECOMMENDATIONS Vs CUMULATIVE FLOW
 BALANCE**



■ Consum. Use □ Flow Balance ▨ Max Cons Use

2016

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	18482	18536	12885	7537	3560	830	1172	7063	11427	9691	6085	28465	125735
Duncan Valley Diversions	51	335	1946	2147	1183	473	243	1508	599	816	432	113	9847
Gila River near Clifton	17592	16767	11802	5619	2384	1936	3104	8477	15172	8289	7391	30958	129491
San Fran. River @ Clifton	9142	11976	10035	5740	2400	1194	1486	6375	10939	5538	5117	17403	87345
Gila Solomon	27977	29005	20218	10167	4955	2485	3824	13606	21882	16011	11889	41384	203303
Safford Valley Diversions	78	1416	14596	13043	8076	3727	5066	10653	1884	783	2212	5007	64543
San Carlos Agency Divs.	0	140	109	0	0	0	0	0	25	0	0	57	331
Gila Calva	29082	29318	13639	3856	2136	731	2249	7595	17056	15717	11121	32742	165242
San Carlos R. @ Peridot	6609	1349	320	97	8	0	0	85	0	0	92	180	8740
Stored Water	0	0	7890	17871	26924	18304	12278	4895	2505	609	421	1265	92983
Gila Below Coolidge Dam	922	11637	20168	21822	29064	19032	14285	10663	8031	6304	2801	7214	151944
Winkelman Divs. (Indust)	635	788	1034	862	864	917	857	807	817	811	687	636	9715
Winkelman Divs. (Ag.)	0	0	0	0	0	0	0	0	0	0	0	0	0
Gila River @ Kelvin	7992	11088	19311	21565	27719	18252	14466	14386	7512	5901	1833	7990	158013
A-H Diversions	1142	10981	18899	20549	25121	17606	12230	10013	6776	5245	450	7190	136202
A-H Spilled	7105	0	0	0	0	0	0	1954	0	0	1458	294	10811
A-H Sluiced	0	0	0	0	0	0	0	0	0	0	0	0	0
A-H Total	8247	10981	18899	20549	25121	17606	12230	11967	6776	5245	1908	7484	147013
Loss Kelvin to A-H	255	-107	-412	-1016	-2598	-646	-2236	-2419	-736	-656	75	-506	-11000
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	125,735
San Francisco River at Clifton	87,345
San Carlos River near Peridot	8,740
Gain from Gila Below Coolidge Dam to Gila at Kelvin	6,069

2016

INFLOWS, SAN CARLOS RESERVOIR

Gila River at Calva plus San Carlos River near Peridot	173,982
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GILA RIVER BELOW COOLIDGE DAM

.....	151,944
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CONTENTS IN STORAGE, SAN CARLOS RESERVOIR

Available contents January 1, 2016	58,534
Available contents December 31, 2016.....	46,200

WATER DIVERTED FROM THE GILA RIVER

Duncan-Virden Valley canal diversions	9,847
Safford Valley canal diversions	64,543
San Carlos Apache Tribe	331
Winkelman Valley Agricultural diversions	0
Winkelman Valley industrial and municipal pumps	
ASARCO Incorporated	9,484
Town of Kearny	231
San Carlos Project	
Natural flow Ashurst-Hayden Dam	54,981
Stored water Ashurst-Hayden Dam	81,221
Natural flow Sacaton Dam	0
TOTAL DIVERSIONS	220,638

SPILLED AND SLUICED ASHURT- HAYDEN DAM

.....	10,811
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SAN CARLOS RESERVOIR (SCR)

January 1, 2016 available stored water in the SCR acre-feet. (Plate 48)	59,374	ac-ft
Maximum storage for the year was March 5 2016 (Plate 48)	108,305	ac-ft
Computed evaporation from the surface of the SCR (Plate 49)	17,840	ac-ft
Computed annual rainfall on SCR (Plate 50)	3,328	ac-ft
Computed bank storage for SCR (Plate 44).	23,770	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 2016

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.

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, 2016	14
January 31, 2016	14
February 28, 2016	14
March 31, 2016	13
April 30, 2016	13
May 31, 2016	12
June 30, 2016	11
July 31, 2016	10
August 31, 2016	10
September 30, 2016	9
October 31, 2016	9
November 30, 2016	8
December 31, 2016	8

FREEPORT-McMORAN MORENCI, INCORPORATED

Freeport-McMoRan Corporation show the following information with quantities in acre-feet:

2016	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	928	399	1,327	2,280	953
February	1,016	407	1,423	2,235	812
March	975	906	1,881	2,241	360
April	1,009	1,127	2,136	2,182	46
May	920	1,159	2,079	2,078	
June	127	2,090	2,217	1,822	
July	44	2,314	2,358	1,800	
August	819	1,098	1,917	1,843	
September	624	1,088	1,712	1,746	34
October	545	1,271	1,816	1,854	38
November	678	748	1,426	1,844	418
December	756	920	1,676	1,853	177
TOTALS	8,441	13,527	21,968	23,778	2,838
By-pass					
TOTAL					2,838

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 2016 have been supplied to the Water Commissioner and summarized on Plate 5 of the 2016 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 2016. 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 2016

The Seasonal Average Salinity on October 31, 2016 was **2,632** uS/cm. Daily data in support of the above figures can be found in the Water Commissioner's 2016 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-SRB
(a/k/a Globe Equity No. 59.)

**GILA RIVER @ GERONIMO STATION
WATER QUALITY DATA
2016**

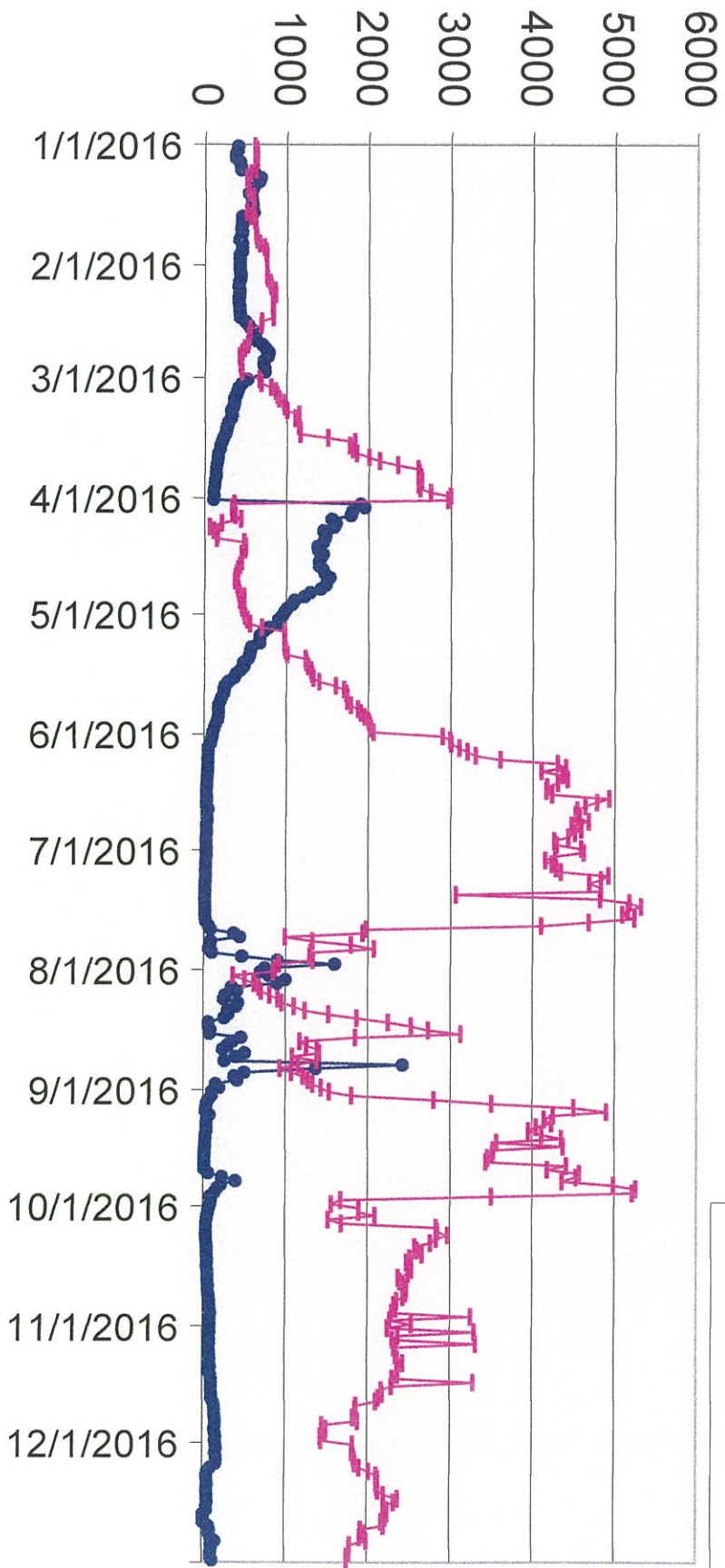
The following table for the year 2016 show daily flows and salinity at Geronimo Station

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	400	600	1-Apr	100	2970	1-Jul	170	4000	1-Oct	1200	300
2-Jan	390	620	2-Apr	97	2970	2-Jul	50	4100	2-Oct	550	400
3-Jan	375	630	3-Apr	95	3100	3-Jul	60	3500	3-Oct	400	500
4-Jan	375	630	4-Apr	94	3110	4-Jul	35	3600	4-Oct	320	600
5-Jan	420	600	5-Apr	88	3350	5-Jul	20	3800	5-Oct	275	700
6-Jan	430	610	6-Apr	80	3400	6-Jul	15	3900	6-Oct	250	740
7-Jan	437	615	7-Apr	85	3550	7-Jul	10	4100	7-Oct	175	800
8-Jan	600	550	8-Apr	80	3555	8-Jul	15	4100	8-Oct	160	800
9-Jan	675	500	9-Apr	75	3580	9-Jul	15	4100	9-Oct	1400	400
10-Jan	655	520	10-Apr	73	3600	10-Jul	14	4150	10-Oct	300	800
11-Jan	600	510	11-Apr	75	3580	11-Jul	16	4180	11-Oct	250	800
12-Jan	575	520	12-Apr	77	3610	12-Jul	15	4180	12-Oct	200	850
13-Jan	530	530	13-Apr	73	3640	13-Jul	16	4186	13-Oct	160	1000
14-Jan	560	586	14-Apr	67	3650	14-Jul	15	4190	14-Oct	180	900
15-Jan	567	590	15-Apr	70	3665	15-Jul	15	4195	15-Oct	170	950
16-Jan	572	588	16-Apr	73	3672	16-Jul	15	4205	16-Oct	160	1000
17-Jan	565	580	17-Apr	69	3670	17-Jul	15	4300	17-Oct	150	1000
18-Jan	590	500	18-Apr	73	3500	18-Jul	15	3690	18-Oct	140	1169
19-Jan	450	550	19-Apr	70	3640	19-Jul	40	3700	19-Oct	140	1200
20-Jan	450	600	20-Apr	62	3740	20-Jul	700	698	20-Oct	130	1250
21-Jan	450	610	21-Apr	60	3830	21-Jul	300	1288	21-Oct	115	1300
22-Jan	440	615	22-Apr	58	3830	22-Jul	100	1500	22-Oct	110	1400
23-Jan	450	615	23-Apr	55	3840	23-Jul	50	2000	23-Oct	105	1450
24-Jan	440	620	24-Apr	55	3835	24-Jul	25	2500	24-Oct	105	1450
25-Jan	420	630	25-Apr	54	3850	25-Jul	20	3800	25-Oct	100	1500
26-Jan	450	660	26-Apr	54	3850	26-Jul	20	4380	26-Oct	90	1500
27-Jan	450	720	27-Apr	58	3900	27-Jul	23	3910	27-Oct	90	1500
28-Jan	450	740	28-Apr	62	4000	28-Jul	19	3000	28-Oct	88	1500
29-Jan	425	750	29-Apr	60	4010	29-Jul	50	2800	29-Oct	90	1500
30-Jan	425	750	30-Apr	58	4020	30-Jul	120	1600	30-Oct	90	1600
31-Jan	425	750	1-May	58	4020	31-Jul	110	493	31-Oct	85	1650
1-Feb	425	750	2-May	58	4020	1-Aug	30	3000	1-Nov	85	1700
2-Feb	425	750	3-May	52	3900	2-Aug	130	2570	2-Nov	85	1720
3-Feb	435	750	4-May	50	3850	3-Aug	90	1300	3-Nov	95	1700
4-Feb	430	760	5-May	60	3830	4-Aug	130	500	4-Nov	900	1100
5-Feb	415	790	6-May	55	3850	5-Aug	105	900	5-Nov	1500	900
6-Feb	410	800	7-May	50	3880	6-Aug	330	700	6-Nov	350	600
7-Feb	420	850	8-May	49	3890	7-Aug	150	1000	7-Nov	300	700
8-Feb	415	860	9-May	47	3710	8-Aug	130	900	8-Nov	250	800
9-Feb	410	820	10-May	44	3800	9-Aug	500	800	9-Nov	200	903
10-Feb	410	820	11-May	38	3860	10-Aug	600	615	10-Nov	210	910
11-Feb	415	820	12-May	37	3880	11-Aug	300	670	11-Nov	160	950
12-Feb	420	830	13-May	39	3900	12-Aug	400	770	12-Nov	130	1050
13-Feb	422	827	14-May	37	3920	13-Aug	300	1000	13-Nov	130	1100
14-Feb	426	830	15-May	35	3950	14-Aug	250	800	14-Nov	120	1150
15-Feb	490	690	16-May	34	3960	15-Aug	200	700	15-Nov	125	1150
16-Feb	530	680	17-May	40	4260	16-Aug	150	1000	16-Nov	120	1200
17-Feb	560	550	18-May	30	4280	17-Aug	90	1400	17-Nov	115	1250
18-Feb	590	540	19-May	40	4200	18-Aug	60	1850	18-Nov	115	1250
19-Feb	610	530	20-May	35	3770	19-Aug	45	2400	19-Nov	110	1300
20-Feb	630	530	21-May	35	3775	20-Aug	100	900	20-Nov	116	1300
21-Feb	700	520	22-May	34	3830	21-Aug	65	1100	21-Nov	120	1400
22-Feb	740	480	23-May	32	3841	22-Aug	50	1500	22-Nov	115	1500
23-Feb	780	450	24-May	30	3850	23-Aug	30	2400	23-Nov	125	1510
24-Feb	770	420	25-May	30	3800	24-Aug	30	3000	24-Nov	120	1520
25-Feb	720	430	26-May	29	4200	25-Aug	35	1200	25-Nov	130	1527
26-Feb	715	430	27-May	29	4470	26-Aug	30	1210	26-Nov	125	1520
27-Feb	726	440	28-May	30	4480	27-Aug	40	1220	27-Nov	130	1400
28-Feb	730	450	29-May	30	4490	28-Aug	44	2600	28-Nov	135	1500
1-Mar	520	660	30-May	27	4600	29-Aug	30	3100	29-Nov	135	1600
2-Mar	450	680	31-May	27	4620	30-Aug	28	2900	30-Nov	144	1615
3-Mar	415	800	1-Jun	20	4630	31-Aug	25	3100	1-Dec	140	1650
4-Mar	400	860	2-Jun	20	4640	1-Sep	23	3150	2-Dec	140	1700
5-Mar	380	880	3-Jun	19	4660	2-Sep	28	3100	3-Dec	150	1600
6-Mar	350	900	4-Jun	19	4660	3-Sep	80	2500	4-Dec	145	1600
7-Mar	360	960	5-Jun	19	4665	4-Sep	60	2600	5-Dec	134	1650
8-Mar	350	970	6-Jun	18	4670	5-Sep	35	2200	6-Dec	120	1700
9-Mar	325	1000	7-Jun	19	4665	6-Sep	26	2400	7-Dec	110	1750
10-Mar	330	1145	8-Jun	18	4520	7-Sep	400	800	8-Dec	105	1800
11-Mar	320	1100	9-Jun	17	4550	8-Sep	1200	450	9-Dec	115	1810
12-Mar	290	1140	10-Jun	14	4560	9-Sep	2000	400	10-Dec	110	1820
13-Mar	275	1140	11-Jun	35	4500	10-Sep	800	500	11-Dec	120	1800
14-Mar	265	1160	12-Jun	19	4480	11-Sep	500	550	12-Dec	120	1800
15-Mar	255	1160	13-Jun	16	4550	12-Sep	350	450	13-Dec	120	1800
16-Mar	230	1500	14-Jun	15	4560	13-Sep	700	500	14-Dec	115	1800
17-Mar	210	1823	15-Jun	13	4570	14-Sep	250	500	15-Dec	100	1750
18-Mar	195	1760	16-Jun	13	4600	15-Sep	220	650	16-Dec	105	1770
19-Mar	189	1800	17-Jun	13	4620	16-Sep	230	700	17-Dec	115	1780
20-Mar	169	1850	18-Jun	14	4642	17-Sep	240	800	18-Dec	115	1800
21-Mar	166	2000	19-Jun	13	4700	18-Sep	125	900	19-Dec	115	1420
22-Mar	163	2130	20-Jun	14	4717	19-Sep	110	1100	20-Dec	140	1350
23-Mar	150	2350	21-Jun	13	4720	20-Sep	100	1110	21-Dec	140	1300
24-Mar	143	2600	22-Jun	15	4320	21-Sep	85	1000	22-Dec	480	1200
25-Mar	140	2610	23-Jun	13	4350	22-Sep	80	1010	23-Dec	1050	1000
26-Mar	145	2630	24-Jun	12	4360	23-Sep	75	1100	24-Dec	2000	800
27-Mar	130	2640	25-Jun	12	4370	24-Sep	71	1150	25-Dec	2700	600
28-Mar	125	2600	26-Jun	12	4370	25-Sep	65	1300	26-Dec	2900	500
29-Mar	120	2620	27-Jun	12	4380	26-Sep	60	1600	27-Dec	2200	600
30-Mar	113	2750	28-Jun	13	4390	27-Sep	55	1754	28-Dec	1500	700
31-Mar	117	2990	29-Jun	9	4400	28-Sep	50	1800	29-Dec	1000	800
			30-Jun	9	4410	29-Sep	50	1700	30-Dec	900	850
						30-Sep	52	1720	31-Dec	800	900

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 2016, 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 2016.

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 2016), 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 2016.

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	36.15	21.09	5.78	0.90	0.00	0.00	0.00	27.77
Safford Valley	340.39	202.03	3.76	2.94	16.92	44.01	4.60	274.26
Lower Valley SCIDD	19.20	11.47	0.00	0.00	0.00	1.00	0.00	12.47
TOTAL	395.74	234.59	9.54	3.84	16.92	45.01	4.60	314.50

The percent of Small Parcel TBI decreed lands irrigated in 2016 was 79.5 percent of the total Small Parcel decreed lands submitted to the Commissioner’s Office in 2016.

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 IRRIGATION
17 DISTRICT, et al.,
18 Defendants.

Case No.: CV31-59-TUC-SRB
(a/k/a Globe Equity No. 59)
(Assigned to Hon. Susan R. Bolton)
**REPORT OF GILA WATER
COMMISSIONER OF ACTIONS
TAKEN TO RESOLVE VIOLATIONS
OF "THEN BEING IRRIGATED" (TBI)
REGULATIONS IN CALENDAR
YEAR 2016**

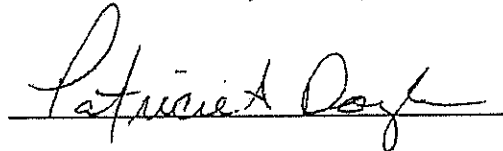
19
20
21 The Court in its Final Memorandum and Order dated September 18, 1992 and
22 Phase IV Memorandum and Order dated April 14, 1995, ordered that TBI regulations be
23 adopted. The TBI Regulations were approved and adopted by the court by order dated
24 June 3, 1996. These Regulations require the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

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

7 Pursuant to the Commissioner's audit of lands under the Gila Decree, violations of the
8 TBI regulations in calendar year 2016 were determined and resolved as follows:

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

11 Respectfully submitted this 24 day of May 2016.

12
13 

14 Patricia A. Doyle
15 Gila Water Commissioner
16
17
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19
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23
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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 2016:

Franklin Valley Irrigation District (FID):

2016 Decreed acreage reported:	6,744.75
2016 TBI acreage reported:	4,405.14
TBI acreage audited:	1,117.80
Percentage of TBI acreage audited for 2016:	25.37%
Crop Audit conducted twice annually	100%

Audit resulted in 149.08 acres in possible violation.

The Commissioner's investigation resulted in:

TWP:8, RNG:32, SEC:28 acres in possible violation 29.3 and TWP:8, RNG:32, SEC:29 acres in possible violation 61.5. Canal Boss provided letter of clarification. Violation resolved.

TWP:8, RNG:32, SEC:32 acres in possible violation 88.3. Canal boss provided acceptable sworn affidavit that land had been planted between January 1, 2016 and December, 31, 2016. Violation resolved.

Acres in violation after Commissioner's resolution: 0.00

Well data has been provided to the Commissioner for 2016 audited registered TBI hotlands.

Gila Valley Irrigation District (GVID):

2016 Decreed acreage reported:	31,570.19
2016 TBI acreage reported:	22,701.66
TBI acreage audited:	4,210.64
Percentage of TBI acreage audited for 2016:	18.55%
Crop Audit conducted twice annually	100%

Audit resulted in 0.00 acres in possible violation.

Well data has been provided to the Commissioner for 2016 audited registered TBI hotlands.

San Carlos Irrigation & Drainage District (SCIDD):

2016 Decreed acreage reported:	50,000.00
2016 TBI Acreage reported:	11,507.63
TBI acreage audited:	2,051.46
Percentage of TBI acreage audited for 2016:	17.83%

Audit resulted in 0.00 acres in possible violation.

Gila River Indian community (GRIC):

2016 Decreed acreage reported:	50,546.00
2016 TBI acreage reported:	18,910.71
TBI acreage audited:	5,068.22
Percentage of TBI acreage audited for 2016:	26.80%

Audit resulted in 0.00 acres in possible violation.


San Carlos Apache Tribe (SCAR):


2016 Decreed acreage reported:	1,000.00
2016 TBI acreage reported:	285.20
TBI acreage audited:	285.20
Percentage of TBI acreage audited for 2016:	100%

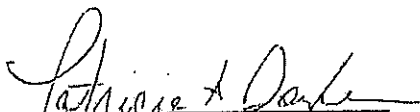
Audit resulted in 179.0 acres in possible violation.

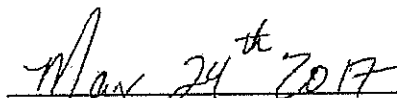
Navajo Pt 1041, 1043, 1044, 1045, 1046 acres in possible violation 179.0. General Farm Manager provided acceptable letter of clarification. Violation resolved.

Acres in violation after Commissioner's resolution: 0.00.


Alissa Macias
Water Specialist II


Date


Patricia A. Doyle
Water Commissioner


Date

2016

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-SRB which can be found at <http://www.azd.uscourts.gov/>

Date of Order

Order

12/9/16 IT IS HEREBY ORDERED, Approval of the Gila Water Commissioners 2017 Budget.

2016
FINANCIAL STATEMENT
WATER COMMISSIONER'S ACCOUNT
RECEIPTS

<u>Plaintiffs</u>	General	Settlement	Totals	
San Carlos Irrigation Project	\$557,414.13	\$84,735.12	\$642,149.25	
San Carlos Agency	\$5,460.00		\$5,460.00	
Gila Crossing	\$16,339.05	\$2,483.78	\$18,822.83	
	<u>\$ 579,213.18</u>	<u>\$ 87,218.90</u>	<u>\$ 666,432.08</u>	\$666,432.08
<u>Defendants</u>				
Gila Valley Irrigation District	\$172,373.24	\$26,203.26	\$198,576.50	
Franklin Irrigation District	\$21,210.19	\$3,224.26	\$24,434.45	
Sunset Ditch Company	\$13,343.69	\$2,290.72	\$15,634.41	
Model Canal Company	\$2,272.45	\$345.45	\$2,617.90	
ASARCO	\$21,353.35		\$21,353.35	
Town of Kearny	\$555.45		\$555.45	
York Valley & Winkelman Valley	\$2,210.81		\$2,210.81	
	<u>\$233,319.18</u>	<u>\$32,063.69</u>	<u>\$265,382.87</u>	\$265,382.87
Miscellaneous Receipts	\$0.00		\$0.00	
Interest Income	\$481.05		\$481.05	
Supplemental Reports	\$3,725.00		\$3,725.00	
Transfer Additional Fees	\$0.00		\$0.00	
	<u>\$4,206.05</u>		<u>\$4,206.05</u>	\$4,206.05
		Total Receipts	\$936,021.00	

<u>DISBURSEMENTS</u>				
	General	Settlement	Totals	
<u>Personnel</u>				
Patricia A. Doyle	\$89,279.00	\$5,357.00	\$94,636.00	
Paul Curtis	\$63,536.00	\$10,000.00	\$73,536.00	
Alissa Macias	\$45,225.00	\$5,000.00	\$50,225.00	
Casey Windsor	\$51,359.00	\$10,000.00	\$61,359.00	
<u>Employer taxes and contributions</u>				
F. I. C. A.	\$18,188.60		\$18,188.60	
Medicare	\$4,253.79		\$4,253.79	
Federal Unemployment Tax	\$2,100.00		\$2,100.00	
				\$304,298.39
<u>Overtime Weekend</u>				
Casey Windsor	\$3,462.87		\$3,462.87	
Alissa Macias	\$2,772.96		\$2,772.96	
	<u>6,235.83</u>		<u>\$6,235.83</u>	\$6,235.83
<u>Employee Benefit Plan</u>				
Retirement	\$17,556.22		\$17,556.22	
Medical Insurance	\$40,025.42		\$40,025.42	
Copper Point Workman's comp	\$8,329.00		\$8,329.00	
Yearly Pension Plan Administration	1,300.00		\$1,300.00	
Charles Whetstone	3,022.00		\$3,022.00	
	<u>\$70,232.64</u>	<u>\$0.00</u>	<u>\$70,232.64</u>	\$70,232.64
<u>Travel plus Allowance</u>				
Patricia A. Doyle	\$2,956.37	\$332.02	\$3,288.39	
Paul Curtis	\$2,020.89	\$28.74	\$2,049.63	
Casey Windsor	\$3,241.38	\$168.48	\$3,409.86	
Alissa Macias	\$1,722.23	\$66.98	\$1,789.21	
	<u>\$9,940.87</u>	<u>\$596.22</u>	<u>\$10,537.09</u>	\$10,537.09
<u>2016 Brent F. Moody</u>	<u>\$153,214.00</u>	<u>\$2,400.00</u>	<u>\$155,614.00</u>	\$155,614.00
<u>Geronimo Station expenses</u>	<u>\$1,984.49</u>		<u>\$1,984.49</u>	\$1,984.49
<u>Joint Funding (Stream flow records)</u>	<u>\$113,150.00</u>		<u>\$113,150.00</u>	\$113,150.00
<u>Univeristy of Arizona</u>		<u>\$0.00</u>	<u>\$0.00</u>	\$0.00
<u>Capital Purchases</u>				
Computer and Software	\$845.57		\$845.57	
Database	\$1,636.50		\$1,636.50	
	<u>\$2,482.07</u>		<u>\$2,482.07</u>	\$2,482.07
<u>Expenses</u>				
Communications	\$1,321.11		\$1,321.11	
Insurance & Bonds	\$5,482.00		\$5,482.00	
Office Expenses	\$18,705.09	352.43	\$19,057.52	
Field Expenses	\$803.98	74.05	\$878.03	
Rent and Utilities	\$16,096.26		\$16,096.26	
Contingency Fund	\$692.00		\$692.00	
Office Move	\$2,346.39		\$2,346.39	
	<u>\$45,446.83</u>	<u>\$426.48</u>	<u>\$45,873.31</u>	\$45,873.31
<u>Sever and Transfer</u>				
Refunds	\$0.00		\$0.00	\$0.00

<u>Total Disbursements</u>	<u>\$710,407.82</u>
<u>Total Receipts</u>	<u>\$936,021.00</u>
<u>Total Remaining</u>	<u>\$225,613.18</u>

Land Use Audits 2016

Attachment "A"

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Audit resulted in 0.00 acres in possible violation.


San Carlos Apache Tribe (SCAR):

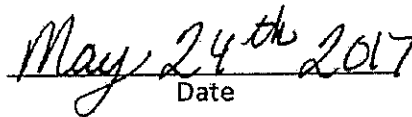
2016 Decreed acreage reported:	1,000.00
2016 TBI acreage reported:	285.20
TBI acreage audited:	285.20
Percentage of TBI acreage audited for 2016:	100%

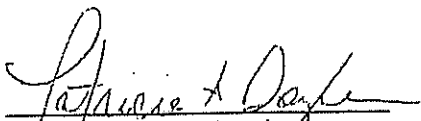
Audit resulted in 179.0 acres in possible violation.

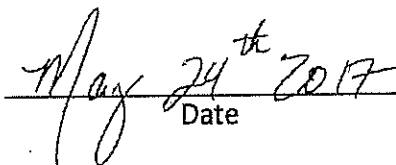
Navajo Pt 1041, 1043, 1044, 1045, 1046 acres in possible violation 179.0. General Farm Manager provided acceptable letter of clarification. Violation resolved.

Acres in violation after Commissioner's resolution: 0.00


Alissa Macias
Water Specialist II


Date


Patricia A. Doyle
Water Commissioner


Date

CALENDAR YEAR 2016

GILA RIVER DECREED ACREAGES AND DIVERSIONS

<u>DUNCAN VALLEY CANALS</u>	<u>Acreages</u>	<u>TBI Acres</u>	<u>Acre-feet</u>	<u>TBI a-f/a</u>
Sunset	2,759.90	2,104.34	6,194	2.94
New Model Valley	2,597.65	1,527.50	2,208	1.45
Colmenero	1,387.20	773.30	1,445	1.87
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	7,941.45	4,405.14	9,847	2.24

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

SAFFORD VALLEY DIVERSIONS

Consolidated Brown	1,326.90	801.44	2,358	2.94
Fourness	210.70	191.20	370	1.94
San Jose	4,131.22	3,322.34	10,217	3.08
Montezuma	4,715.78	3,259.66	9,955	3.05
Union	7,220.84	4,883.50	14,154	2.90
Graham	4,217.68	3,449.65	6,006	1.74
Smithville	2,428.63	1,908.27	4,726	2.48
Dodge-Nevada	2,516.54	2,049.82	5,449	2.66
Curtis	1,971.70	1,595.14	6,333	3.97
Fort Thomas	2,624.30	1,240.64	4,975	4.01
Colvin-Jones	205.90	0.00	0	0.00
Totals	31,570.19	22,701.66	64,543	2.84

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

SAN CARLOS APACHE RESERVATION

Black Point	73.40	35.20	58	1.65
Bylas (Navajo Point)	152.20	179.00	0	0.00
Anderson Flat	85.80	71.00	273	3.84
Non-designated lands	688.60	0.00	0	0.00
Totals	1,000.00	285.20	331	5.49

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

WINKELMAN VALLEY

Industrial/Municipal (ASARCO) ⁽¹⁾	793.00	793.00	9,484	
Domestic/Municipal (Kearny, Arizona)	101.73	101.73	231	2.27
Farmlands	244.16	0.00	0	
J J Anderson	196.27	0.00	0	
Totals	1,335.16	894.73	9,715	2.27

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

<u>UNITED STATES OF AMERICA</u>	<u>Acreages</u>	<u>TBI 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	18,910.71	Nat. flow	17,802	0.36	0.94
Federal Agencies	546.00	0.00	Stored	31,580	0.62	1.67
	50,546.00	18,910.71		49,382	0.98	2.61
White Lands:						
San Carlos Irrigation & Drainage Dist.	50,000.00	10,979.63	Nat. flow	32,546	0.65	2.96
			Stored	45,809	0.92	4.17
	50,000.00	10,979.63		78,355	1.57	7.14
Natural Flow Lands	1,544.50	528.00		350	0.23	0.66
	51,544.50	11,507.63		78,705	1.53	6.84
Totals	102,090.50	30,418.34		128,087	1.25	4.21
	102,090.50	30,418.34	Nat. flow	50,698	0.5	1.67
	100,546.00	30,418.34	Stored	77,389	0.76	2.54

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

Diversions from Picacho Reservoir are reflected above.

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

1936-2016

GILA RIVER FLOWS & DIVERSIONS, GILA RIVER SYSTEM

Quantities to closest thousand acre-feet

Year	Duncan		Gila Clifton	San Fran. Clifton	Gila Solomon + Brown	San Simon	Safford Valley Divs.	Gain Safford Valley	SCAR Divs.	Gila Calva	San Carlos Pondot	Maximum Stored Water	Gila Below Coolidge Dam		Gila Winke- Iman	ASARCO Divs.	J. J. And. Divs.	Town of Keamy Divs.	Gila Kelvin	A-H Divs.	Spilled Sluiced	A-H Total	Loss Kelvin to A-H	Sacaton Divs.
	Gila Blue	Valley Divs.											Below Coolidge Dam	Winke- Iman										
1936	90	39	76	98	*217	14	132	51		150	45	193	237	#					306	244	#	#	#	4.6
1937	206	40	180	181	*418	3	161	60		321	46	269	298	#					375	302	24	327	(48)	2.5
1938	87	23	78	71	*164	5	98	22		94	15	90	152	#					193	156	9	155	(27)	1.5
1939	94	34	87	70	*172	6	79	16		115	19	30	123	#					176	134	22	166	(20)	1.3
1940	146	40	131	134	*303	11	100	7		220	52	113	143	#					268	155	49	204	(64)	2.5
1941	435	34	407	382	918	13	151	120		900	172	775	240	#					458	295	125	420	(38)	1.4
1942	111	38	99	101	222	8	172	83		141	21	819	373	374					396	372	12	384	(12)	0.2
1943	71	32	69	57	151	15	122	49		93	29	563	357	360					418	357	34	391	(27)	0.7
1944	80	27	74	54	151	17	128	56		97	13	284	294	303					339	287	17	304	(35)	0.6
1945	109	28	101	90	220	11	149	36		118	16	124	193	196					241	200	19	219	(22)	0.8
1946	53	14	49	52	116	3	70	5		54	16	29	62	71					103	84	8	92	(11)	0.8
1947	45	10	#	41	100	4	52	-13		39	11	19	55	59					82	68	7	76	(6)	0.5
1948	86	9	#	69	148	5	40	-33		80	10	15	65	61					87	71	6	77	(10)	0.1
1949	303	25	299	255	569	15	168	-4		411	22	260	277	275					317	260	24	284	(48)	0.1
1950	49	13	40	34	87	6	69	5		30	6	94	123	123					156	116	11	127	(29)	0.1
1951	33	3	32	36	79	7	26	-18		42	17	8	41	53					76	47	10	56	(20)	0.1
1952	140	20	100	185	324	5	129	-11		189	73	164	228	237					270	226	18	244	(26)	0.4
1953	46	8	35	40	83	6	39	-12		39	8	18	45	44					69	53	2	56	(13)	0.1
1954	89	13	80	77	190	28	80	-16		122	43	74	103	127					222	121	97	217	(5)	1.0
1955	67	13	87	73	170	27	86	22		132	27	109	94	107					226	113	118	231	5	0.2
1956	24	8	18	26	49	1	43	0		7	12	78	79	79					89	73	2	76	(13)	0.0
1957	121	11	94	108	225	20	70	-37		138	11	82	74	81					95	78	4	82	(13)	0.1
1958	205	19	184	260	473	17	147	-42		302	52	228	243	252					315	264	25	289	(26)	0.0
1959	74	11	66	92	179	10	80	-7		102	31	112	135	149					207	154	31	184	(23)	0.0
1960	138	15	110	143	285	2	111	-13		163	33	223	252	259					290	241	26	267	(23)	0.0
1961	73	8	56	98	159	20	36	-34		110	21	70	41	60					88	61	8	69	(19)	0.0
1962	211	21	173	208	410	4	135	-37		242	22	169	228	237					253	220	7	227	(26)	0.0
1963	130	20	108	138	273	3	101	-8		167	31	132	167	178					226	186	19	205	(21)	0.0
1964	69	12	54	69	142	10	70	-4		78	11	66	91	97					157	120	19	139	(18)	0.0
1965	161	18	137	222	395	8	93	-51		260	110	253	117	134					240	137	163	300	60	0.0
1966	209	23	191	205	433	4	133	66		371	21	504	251	283					348	298	29	326	(22)	0.0
1967	115	16	107	158	259	12	90	10		190	38	324	249	273					380	260	88	348	(32)	0.0
1968	314	26	277	309	656	4	152	23		531	38	679	282	294					345	316	15	331	(14)	0.0
1969	62	15	50	65	122	3	89	20		56	15	487	315	312					341	306	2	308	(33)	0.0
1970	53	15	44	57	110	3	96	13		30	14	199	222	231					261	224	9	234	(27)	0.0
1971	89	5	74	97	181	10	39	-21		131	35	120	38	53					97	70	3	73	(24)	0.0
1972	255	12	218	254	506	14	67	8		462*	43	379	172	180					219	176	118	294	75	0.0
1973	314	20	292	339	671	1	125	27		575*	63	843	298	312					373	324	30	355	(18)	0.0
1974	59	13	56	49	115	5	80	8		48*	11	616	361	354					397	351	11	362	(35)	0.0
1975	220	16	171	151	342	5	109	-28		209	18	273	342	361					353	328	11	339	(14)	0.0
1976	88	18	64	87	147	3	94	0.2		56	9	119	195	192					195	181	6	187	(6)	0.0
1977	66	9	49	52	132	6	31	-43		63	14	21	50	59					99	61	34	95	(4)	0.0
1978	330	13	298	352	848	4	75	-124		653	165	545	217	293					425	262	144	408	(19)	0.0
1979	287	16	293	337	750	2	106	19		665	82	1070	407	503					641	422	77*	499*	(143*)	0.0
1980	135	23	116	211	445	1	122	10		334	129	1090	526	5					670	477	134W	611W	(59W)	0.0
1981	62	18	65	58	150	8	110	16		63	14	666	471						523	456	15	471	(52)	0.0
1982	131	24	108	104	270	2	118	^		158	59	278	280						316	289	12	302	(14)	0.0
1983	374	22	353	501	1149		127	^		1164	154	968	459						748	273	546	819	71	0.0
1984	198	24	192	224	460		135	^		416	77	921	397						562	398	164	562	0.03	0.0
1985	370	21	334	294	740		134	^		728	51	975	779	805					879	458	382	840	(39)	0.0
1986	186	24	155	136	324		149	^		288	62	905	395	422					464	412	30	442	(22)	0.0
1987	121	26	113	174	334		138	^		263	32	792	439	446					465	427	1	428	(37)	0.0
1988	257	23	220	190	445		138	^		391	30	567	431	440					464	420	8	429	(35)	0.0
1989	68	18	62	120	102		94	^		43	14	458	395	384					423	379	3	383	(40)	0.0
1990	78	10	62	170	102		69	^		58	58	81	44	52					95	56	18	74	(21)	0.0
1991	340	20	291	681	126		126	^		749	87	511	276	304					383	297	48	345	(18)	0.0
1992	377	20	330	801	124		124	^		1027	88	740	550	619					646	401	205	606	(40)	0.0
1993	518	22	572	1558	119		119	^		1695	296	1060	1662	2203					2374	391	1925	2316	(58)	0.0
1994	230	23	157	345	108		108	^		357	28	541	377	£					489	401	12	413	(76)	0.0
1995	262	22	206	506	109		109	^	0.1	566	106	879	427		13	0.5	0.4		620	423	120	543	(77)	0.0
1996	117	16	77	194	95		95	^	0.2	109	14	522	439		14	0.5	0.4		466	426	5	431	(34)	0.0
1997	210	22	192	103	316		213	^	0.2	210	21	211	268		12	0.5	0.4		286	258	1	256	(30)	0.0
1998	184	24	187	153	340		126	^	0.1	276	38	271	297		11	0.3	0.4		345	312	9	321	(24)	0.0
1999	91	23	90	105	205		105	^	0.6	128	12	85	106		12	0.5	0.4		125	107	1	108	(17)	0.0
2000	112	9	103	165	347		49	^	0.9	274	17	239	75		11	0.3	0.4		111	83	26	109	(2)	0.0
2001	94	22	69	95	182		114	^	0.8	100	8	269	249		13	0.0	0.4		256	241	1	243	(13)	0.0
2002	80	14	47	51	101		61	^	0.8	42	4	72	53		13									

**SAN CARLOS APACHE TRIBE FARM REPORT
2016**

Anderson Flat

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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 Water Activity 1/1-31/2016
	1048	None		0.00							No Water Activity 1/1-31/2016
	1049	None		0.00							No Water Activity 1/1-31/2016
Feb	1050	None		0.00							No Water Activity 1/1-31/2016
	1047	4-way	February	27.20	2/1-7/16						No Water Activity 2/6-29/2016
	1048	4-way	February	14.80	2/11-17/16						No Water Activity 2/1-29/2016
Mar	1049	4-way	February	22.30	2/18-22/16						No Water Activity 2/1-10, 18-29/2016
	1050	4-way	February	21.50	2/18-22/16						No Water Activity 2/1-17, 22-29/2016
	1047	None		0.00	3/11-15/16	1.78					No Water Activity 3/1-10, 16-31/16
Apr	1048	None		0.00							No Water Activity 3/1-31/2016
	1049	None		0.00	3/22-27/16						No Water Activity 3/1-21, 28-31/16
	1050	None		0.00							No Water Activity 3/1-31/2016
May	1047	None		0.00							No Water Activity 4/1-30/2016
	1048	None		0.00							No Water Activity 4/1-30/2016
	1049	None		0.00							No Water Activity 4/1-30/2016
June	1050	None		0.00							No Water Activity 4/1-30/2016
	1047	None		0.00							No Water Activity 5/1-31/2016
	1048	None		0.00							No Water Activity 5/1-31/2016
July	1049	None		0.00							No Water Activity 5/1-31/2016
	1050	None		0.00							No Water Activity 5/1-31/2016
	1047	None		0.00							No Water Activity 6/1-30/2016
Aug	1048	None		0.00							No Water Activity 6/1-30/2016
	1049	None		0.00							No Water Activity 6/1-30/2016
	1050	None		0.00							No Water Activity 6/1-30/2016
Sept	1047	None		0.00							No water activity 7/1-31/2016
	1048	None		0.00							No water activity 7/1-31/2016
	1049	None		0.00							No water activity 7/1-31/2016
Oct	1050	None		0.00							No water activity 7/1-31/2016
	1047	None		0.00							No water activity 8/1-31/2016
	1048	None		0.00							No water activity 8/1-31/2016
Nov	1049	None		0.00							No water activity 8/1-31/2016
	1050	None		0.00							No water activity 8/1-31/2016
	1047	None		0.00							No water activity 9/1-30/2016
Dec	1048	None		0.00							No water activity 9/1-30/2016
	1049	None		0.00							No water activity 9/1-30/2016
	1050	None		0.00							No water activity 9/1-30/2016

**SAN CARLOS APACHE TRIBE FARM REPORT
2016**

Navajo Point

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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		41.40							No Water Activity 1/1-31/2016
	1043	None		23.60							No Water Activity 1/1-31/2016
	1044	None		12.90							No Water Activity 1/1-31/2016
	1045	None		39.70							No Water Activity 1/1-31/2016
Feb	1046	None		34.60							No Water Activity 1/1-31/2016
	1041	None		0.00							No Water Activity 2/1-29/2016
	1043	Oats	February	23.60	2/7-9/2016						No Water Activity 2/1-6, 10-29/2016
	1044	None		0.00							No Water Activity 2/1-29/2016
Mar	1045	None		0.00							No Water Activity 2/1-29/2016
	1046	None		0.00							No Water Activity 2/1-29/2016
	1041	None		0.00							No Water Activity 3/1-31/2016
	1043	Oats		0.00							No Water Activity 3/1-31/2016
April	1044	None		0.00							No Water Activity 3/1-28/2016
	1045	None		0.00							No Water Activity 3/1-31/2016
	1046	None		0.00							No Water Activity 3/1-31/2016
	1041	None		0.00							No Water Activity 4/1-30/2016
May	1043	Oats		0.00							No Water Activity 4/1-30/2016
	1044	None		0.00							No Water Activity 4/1-30/2016
	1045	None		0.00							No Water Activity 4/1-30/2016
	1046	None		0.00							No Water Activity 4/1-30/2016
June	1041	None		0.00							No Water Activity 5/1-30/2016
	1043	Oats		0.00							No Water Activity 5/1-30/2016
	1044	None		0.00							No Water Activity 5/1-30/2016
	1045	None		0.00							No Water Activity 5/1-30/2016
July	1046	None		0.00							No Water Activity 5/1-30/2016
	1041	None		0.00							No Water Activity 6/1-31/2016
	1043	None		0.00							No Water Activity 6/1-31/2016
	1044	None		0.00							No Water Activity 6/1-31/2016
August	1045	None		0.00							No Water Activity 6/1-31/2016
	1046	None		0.00							No Water Activity 6/1-31/2016
	1041	None		0.00							No Water Activity 7/1-31/2016
	1043	None		0.00							No Water Activity 7/1-31/2016
September	1044	None		0.00							No Water Activity 7/1-31/2016
	1045	None		0.00							No Water Activity 7/1-31/2016
	1046	None		0.00							No Water Activity 7/1-31/2016
	1041	None		0.00							No Water Activity 8/1-31/2016
October	1043	None		0.00							No Water Activity 8/1-31/2016
	1044	None		0.00							No Water Activity 8/1-31/2016
	1045	None		0.00							No Water Activity 8/1-31/2016
	1046	None		0.00							No Water Activity 8/1-31/2016
November	1041	None		0.00							No Water Activity 9/1-30/2016
	1043	None		0.00							No Water Activity 9/1-30/2016
	1044	None		0.00							No Water Activity 9/1-30/2016
	1045	None		0.00							No Water Activity 9/1-30/2016
December	1046	None		0.00							No Water Activity 9/1-30/2016
	1041	None		0.00							No Water Activity 10/1-31/2016
	1043	None		0.00							No Water Activity 10/1-31/2016
	1044	None		0.00							No Water Activity 10/1-31/2016
	1045	None		0.00							No Water Activity 10/1-31/2016
	1046	None		0.00							No Water Activity 10/1-31/2016
	1041	None		0.00							No Water Activity 11/1-30/2016
	1043	None		0.00							No Water Activity 11/1-30/2016
	1044	None		0.00							No Water Activity 11/1-30/2016
	1045	None		0.00							No Water Activity 11/1-30/2016
	1046	None		0.00							No Water Activity 11/1-30/2016
	1041	None		0.00							No Water Activity 12/1-31/2016
	1043	None		0.00							No Water Activity 12/1-31/2016
	1044	None		0.00							No Water Activity 12/1-31/2016
	1045	None		0.00							No Water Activity 12/1-31/2016
	1046	None		0.00							No Water Activity 12/1-31/2016

SAN CARLOS APACHE TRIBE FARM REPORT

2016

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 Diversion s (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 Water Activity 1/1-31/2016
	1021W	None		0.00							No Water Activity 1/1-31/2016
	1022E	None		0.00							No Water Activity 1/1-31/2016
Feb	1022W	None		0.00							No Water Activity 1/1-31/2016
	1021E	Sudan	February	25.10							No Water Activity 2/1-29/2016
	1021W	Sudan	February	13.10							No Water Activity 2/1-29/2016
Mar	1022E	Sudan	February	35.20							No Water Activity 2/1-29/2016
	1022W	None		0.00							No Water Activity 3/1-31/2016
	1021E	None		0.00							No Water Activity 3/1-31/2016
Apr	1021W	None		0.00							No Water Activity 3/1-31/2016
	1022E	None		0.00	3/16-21/16						No Water Activity 3/1-15, 22-31/2016
	1022W	None		0.00							No Water Activity 4/1-30/2016
May	1021E	None		0.00							No Water Activity 4/1-30/2016
	1021W	None		0.00							No Water Activity 4/1-30/2016
	1022E	None		0.00							No Water Activity 4/1-30/2016
June	1022W	None		0.00							No Water Activity 4/1-30/2016
	1021E	None		0.00							No Water Activity 5/1-31/2016
	1021W	None		0.00							No Water Activity 5/1-31/2016
July	1022E	None		0.00							No Water Activity 5/1-31/2016
	1022W	None		0.00							No Water Activity 5/1-31/2016
	1021E	None		0.00							No Water Activity 6/1-30/2016
Aug	1021W	None		0.00							No Water Activity 6/1-30/2016
	1022E	None		0.00							No Water Activity 6/1-30/2016
	1022W	None		0.00							No Water Activity 6/1-30/2016
Sept	1021E	None		0.00							No water activity 7/1-31/2016
	1021W	None		0.00							No water activity 7/1-31/2016
	1022E	None		0.00							No water activity 7/1-31/2016
Oct	1022W	None		0.00							No water activity 7/1-31/2016
	1021E	None		0.00							No water activity 8/1-31/2016
	1021W	None		0.00							No water activity 8/1-31/2016
Nov	1022E	None		0.00							No water activity 8/1-31/2016
	1022W	None		0.00							No water activity 8/1-31/2016
	1021E	None		0.00							No water activity 9/1-30/2016
Dec	1021W	None		0.00							No water activity 9/1-30/2016
	1022E	None		0.00	9/17-24/16	1.78 cfs					No water activity 9/1-16, 25-30/2016
	1022W	None		0.00							No water activity 9/1-30/2016
Jan	1021E	None		0.00							No water activity 10/1-31/2016
	1021W	None		0.00							No water activity 10/1-31/2016
	1022E	None		0.00							No water activity 10/1-31/2016
Feb	1022W	None		0.00							No water activity 10/1-31/2016
	1021E	None		0.00							No water activity 11/1-30/2016
	1021W	None		0.00							No water activity 11/1-30/2016
Mar	1022E	None		0.00							No water activity 11/1-30/2016
	1022W	None		0.00							No water activity 11/1-30/2016
	1021E	None		0.00							No water activity 12/1-31/2016
Apr	1021W	None		0.00							No water activity 12/1-31/2016
	1022E	None		0.00							No water activity 12/1-31/2016
	1022W	None		0.00							No water activity 12/1-31/2016

2016

DUNCAN VALLEY: 7,941.45 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							11.9	11.9		40.5	15.8	24.7	20.8	20.8	23.7				
2							14.6	14.6		40.4	10.4	30.0	20.4	20.4	24.2				
3							16.5	16.5		41.0	13.7	27.3	20.4	20.4	23.0				
4							14.5	14.5		41.4	15.8	25.6	19.6	19.6	19.1				
5							13.6	13.6		41.6	10.4	31.2	19.2	19.2	19.2				
6							13.6	13.6		42.2	10.2	32.0	18.4	18.4	13.8				
7				1.6	1.6		12.9	12.9		41.8	9.4	32.4	16.1	16.1	13.0				
8				2.9	2.9		13.8	13.8		39.4	13.7	25.7	14.8	14.8	12.3				
9				4.8	4.8		15.8	15.8		37.8	21.8	16.0	14.7	14.7	10.0				
10				6.0	6.0		31.3	31.3		37.6	34.1	3.5	12.1	12.1	9.0				
11				6.1	6.1		38.4	34.6	3.8	37.3	20.9	16.4	11.1	11.1	8.7				
12				6.2	6.2		35.6	31.1	4.5	37.5	10.2	27.3	11.8	11.8	10.3				
13				4.5	4.5		29.1	25.2	3.9	38.1	20.5	17.6	11.6	11.6	4.9				
14				3.5	3.5		34.8	31.0	3.8	38.0	33.6	4.4	10.6	10.6	4.9				
15				3.4	3.4		37.0	32.5	4.5	37.3	15.2	22.1	10.1	10.1	8.4				
16				3.2	3.2		30.5	32.0	3.9	37.0	22.3	14.7	10.3	10.3	4.9				
17				3.1	3.1		39.8	35.4	4.4	37.5	36.8	0.7	10.2	10.2	3.4				
18				6.3	6.3		41.6	37.9	3.7	37.5	35.9	1.6	14.8	14.8	2.0				
19				10.6	10.6		41.4	38.2	3.2	38.1	24.1	14.0	19.8	19.8	0.9				
20				11.3	11.3		42.1	42.1		38.3	19.8	18.5	23.0	23.0					
21				9.3	9.3		42.4	38.6	3.8	38.0	15.8	22.2	24.0	24.0					
22				9.1	9.1		41.8	38.4	3.4	37.3	9.4	27.9	24.6	24.6					
23				10.2	10.2		40.9	26.5	14.4	36.1	4.9	31.2	26.0	26.0					
24				12.0	12.0		42.1	37.6	4.5	33.9	4.9	29.0	28.4	28.4					
25	4.2	4.2		11.0	11.0		41.6	20.6	21.0	33.3	4.9	28.4	28.3	28.3					
26	6.2	6.2		10.0	10.0		41.2	19.5	21.7	31.3		31.3	27.0	27.0					
27	5.7	5.7		9.6	9.6		39.4	20.2	19.2	26.2	4.9	21.3	27.1	27.1	0.8			0.6	
28	5.7	5.7		11.8	11.8		38.2	20.2	18.0	23.0		23.0	26.3	26.3	2.7			2.5	
29	4.1	4.1		12.5	12.5		38.5	15.5	24.0	22.0		22.0	25.1	25.1	5.2			4.9	
30							39.1	19.5	19.6	21.0	4.9	16.1	24.9	24.9	4.5			4.5	
31							39.2	19.5	19.7				24.7	24.7					
Total	25.9	25.9		169.0	169.0		981.2	775.2	206.0	1082.4	444.3	638.1	596.2	596.2	238.7			37.8	200.9
Acre-feet		51			335			1,946			2,147		1,183					473	
Priority Diverted		51			335			1,538			881							75	
Apport Diverted								408			1,265		1,183					399	
Appor diverted to date								408			1,673		2,856					3,255	
TBI Acreage	2,277.97			3,780.18			4,241.60			4,286.70			4,287.44					4,408.16	
Apportioned	15,399			25,554			15,185			15,346			15,349					15,781	
Duty	0.02			0.09			0.46			0.50			0.28					0.11	

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	13.8	10.3	3.5	13.4	4.9	8.5	16.3	11.2	5.1	12.9	12.9		13.4	13.4		4.7	4.7		
2	14.0	14.0		17.0	17.0		3.0	3.0		12.4	12.4		12.8	12.8		4.8	4.8		
3	9.8	9.8		19.8	19.8					9.1	9.1		10.7	10.7		3.7	3.7		
4	9.7	9.7		19.2	19.2					9.0	9.0		9.7	9.7					
5	8.9	8.9		24.7	24.7		8.6	8.6		14.6	14.6		6.1	6.1					
6	6.8	6.8		28.6	28.6		12.7	10.3	2.4	17.2	17.2		5.3	5.3					
7	5.4	4.9	0.5	27.5	27.5		12.9	12.9		16.9	16.9		6.0	6.0					
8	4.6	4.6		28.3	28.3		14.4	14.4		16.7	16.7		6.1	6.1					
9	3.2	3.2		34.0	34.0		15.9	15.9		17.1	17.1		6.6	6.6					
10	2.3	2.3		38.3	38.3		15.9	15.9		15.6	15.6		7.2	7.2					
11	0.9	0.9		37.5	37.5		15.7	15.7		14.5	14.5		7.8	7.8					
12	0.9	0.9		37.1	37.1		15.9	15.9		14.6	14.6		8.4	8.4		2.8	2.8		
13	0.3	0.3		34.7	34.7		9.5	9.5		14.8	14.8		9.0	9.0		5.7	5.7		
14				31.8	31.8		6.0	6.0		14.5	14.5		9.0	9.0		5.4	5.4		
15				30.3	30.3		5.9	5.9		14.3	14.3		9.3	9.3		5.1	5.1		
16				29.0	29.0		5.9	5.9		14.0	14.0		9.2	9.2		4.4	4.4		
17				27.1	24.7	2.4	6.0	6.0		13.9	13.9		8.8	8.8		3.2	3.2		
18				25.8	23.6	2.2	5.9	5.9		13.6	13.6		7.9	7.9		3.1	3.1		
19				22.8	21.4	1.4	6.0	6.0		13.2	13.2		7.6	7.6		2.9	2.9		
20				20.1	19.4	0.7	6.0	6.0		12.9	12.9		7.2	7.2		2.7	2.7		
21				19.5	19.5		5.9	5.9		12.4	12.4		6.0	6.0		2.5	2.5		
22				23.6	23.6		6.1	6.1		12.0	12.0		4.8	4.8		2.0	2.0		
23				21.6	10.5	11.1	5.7	4.9	0.8	9.8	9.8		4.9	4.9					
24				20.3	20.1	0.2	8.2	8.2		9.1	9.1		4.9	4.9					
25				20.8	20.8		12.9	12.4	0.5	9.9	9.9		4.9	4.9					
26	1.7	1.7		20.6	13.9	6.7	18.4	14.6	3.8	9.9	9.9		4.9	4.9					
27	3.8	3.8		20.8	10.5	10.3	19.6	19.6		11.5	11.5		4.9	4.9		2.5	2.5		
28	8.0	8.0		18.3	10.5	7.8	15.4	15.4		13.7	13.7		4.9	4.9		1.4	1.4		
29	4.3	4.3		16.2	13.9	2.3	14.8	14.8		13.8	13.8		4.9	4.9					
30	9.8	9.8		15.7	10.3	5.4	12.7	12.7		13.8	13.8		4.9	4.9					
31	14.2	14.2		16.1	13.9	2.2				13.7	13.7								
Total	122.4	118.4	4.0	760.5	699.3	61.2	302.2	289.6	12.6	411.4	411.4		217.9	217.9		56.9	56.9		
Acre-feet		243			1,508			599			816		432					113	9,847
Priority Diverted		235			1,287			575			816		432					113	6,438
Apport Diverted		8			121			25											3,409
Appor diverted to date		3,263			3,384			3,409			3,409		3,409					3,409	3,409
TBI Acreage	4,409.06			4,441.43			4,449.03			4,405.14			4,405.14					4,405.14	4,405.14
Apportioned	15,784			15,900			15,928			15,770			15,770					15,770	15,770
Duty	0.06			0.34			0.13			0.19			0.10					0.03	2.24

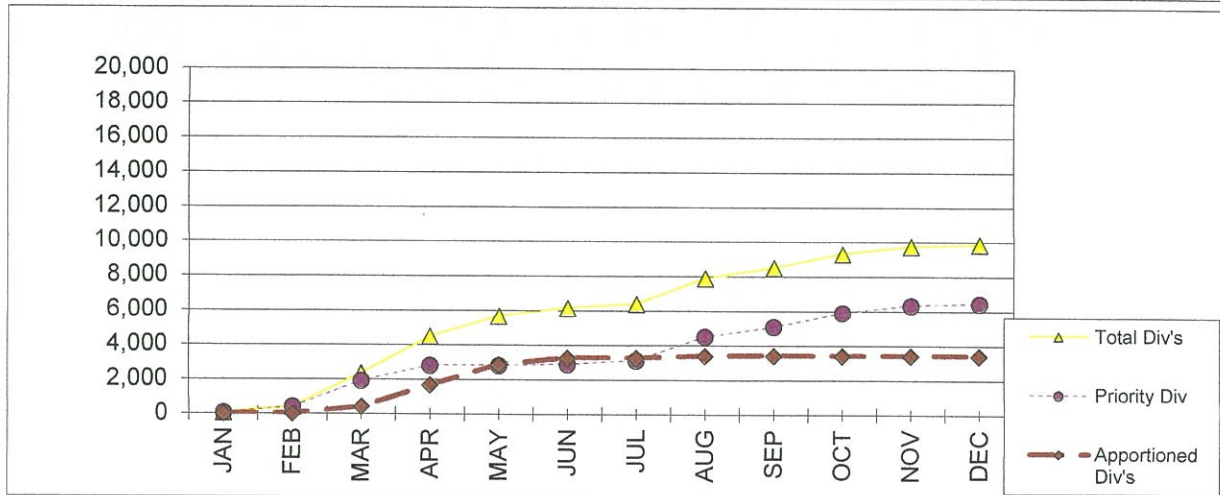
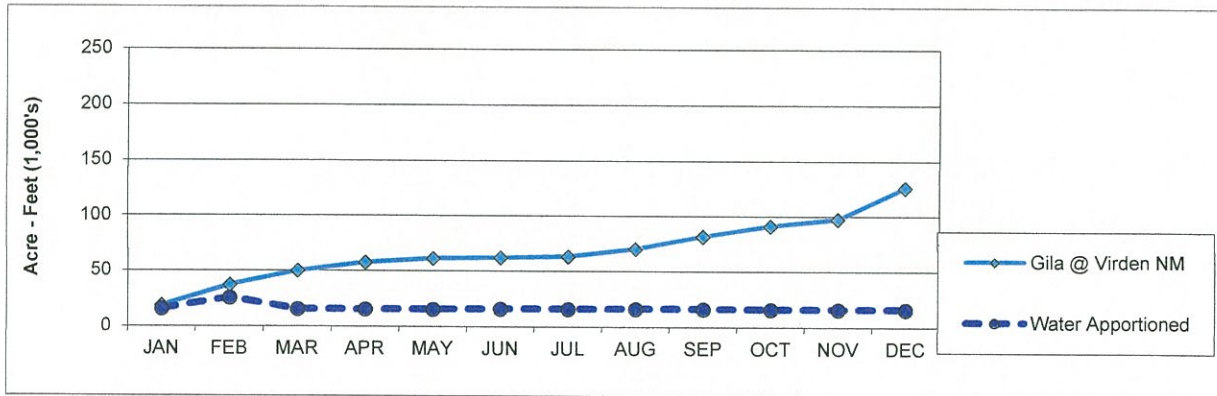
2016

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	18,482	18,482	51	51	0	15,399
FEB	18,536	37,018	386	386	0	25,554
MAR	12,885	49,903	2,332	1,924	408	15,185
APR	7,537	57,440	4,478	2,805	1,673	15,346
MAY	3,560	61,000	5,661	2,805	2,856	15,349
JUN	830	61,830	6,135	2,880	3,255	15,781
JUL	1,172	63,002	6,378	3,115	3,263	15,784
AUG	7,063	70,065	7,886	4,502	3,384	15,900
SEP	11,427	81,492	8,486	5,077	3,409	15,928
OCT	9,691	91,183	9,302	5,893	3,409	15,770
NOV	6,085	97,268	9,734	6,325	3,409	15,770
DEC	28,465	125,733	9,847	6,438	3,409	15,770

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



2016

SUNSET CANAL: 2,759.90 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										26.2	12.5	13.7	13.7	16.1	13.7	16.1			
2							2.8	2.8		26.4	10.2	16.2	13.7	16.2	13.7	16.2			
3							4.8	4.8		26.3	12.0	14.3	13.7	16.2	13.7	16.2			
4							4.8	4.8		26.3	12.5	13.8	13.0	14.4	13.0	14.4			
5							4.8	4.8		26.4	10.2	16.2	12.8	12.6	12.6	12.5			
6							4.7	4.7		26.2	10.2	16.0	12.4	12.4	12.4	12.2			
7							4.9	4.9		26.3	9.4	16.9	12.1	12.1	12.0	12.0			
8							5.0	5.0		24.4	12.0	12.4	11.9	11.9	11.2	11.2			
9							4.9	4.9		22.6	13.7	8.9	11.8	11.8	9.6	9.6			
10							19.0	19.0		22.4	18.9	3.5	10.9	10.9	8.6	8.6			
11							26.1	22.3	3.8	22.3	12.8	9.5	11.1	11.1	8.7	8.7			
12							26.1	21.6	4.5	22.2	10.2	12.0	11.8	11.8	10.3	10.3			
13							26.0	22.1	3.9	22.4	12.5	9.9	11.6	11.6	13.1	4.9	8.2		
14							26.1	22.3	3.8	22.5	18.9	3.6	10.6	10.6	10.7	4.9	5.8		
15							26.1	21.6	4.5	22.5	12.0	10.5	10.1	10.1	8.4	4.9	3.5		
16							26.0	22.1	3.9	22.5	13.8	8.7	10.3	10.3	4.9	4.9			
17							26.0	21.6	4.4	22.7	22.1	0.6	10.2	10.2	3.4	3.4			
18							25.8	22.1	3.7	22.6	22.1	0.5	11.7	11.7	2.0	2.0			
19							25.5	22.3	3.2	22.5	13.8	8.7	13.3	13.3	0.9	0.9			
20							26.1	26.1		22.5	12.5	10.0	13.7	13.7					
21							26.1	22.3	3.8	22.3	12.5	9.8	13.6	13.6					
22							25.5	22.1	3.4	22.1	9.4	12.7	13.7	13.7					
23							26.0	15.0	11.0	21.6	4.9	16.7	14.1	14.1					
24							26.1	21.6	4.5	21.1	4.9	16.2	15.3	15.3					
25							26.0	12.5	13.5	21.2	4.9	16.3	15.2	15.2					
26							26.0	12.2	13.8	19.8	19.8	15.1	15.1	15.1					
27							26.0	12.2	13.8	16.0	4.9	11.1	15.6	15.6					
28							25.8	12.2	13.6	13.7	13.7	16.1	16.1	16.1	2.5	2.5			
29							25.7	12.2	13.5	13.6	13.6	16.1	16.1	16.1	5.2	4.9	0.3		
30							26.0	12.2	13.8	13.6	4.9	8.7	16.1	16.1	4.5	4.5			
31							26.0	12.2	13.8	13.8			16.1	16.1					
Total							600.7	446.5	164.2	663.2	318.7	344.5	407.2	407.2	203.6	37.8	165.8		
Acre-feet									1,191		1,316		808		404				
Priority Diverted									886		632				75				
Apport Diverted									306		683				329				
Apport diverted to date									306		989		1,797		2,126				
TBI acreage	852.47			1,943.27			2,091.49			2,136.69		2,137.33		2,147.33					
Apportioned	5,763			13,137			7,488			7,649		7,652		7,687					
Duty							0.57			0.62		0.38		0.19					

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	10.7	10.3	0.4	12.4	4.9	7.5	7.7	7.7		6.6	6.6		9.9	9.9		4.7	4.7		
2	11.7	11.7		12.5	12.5					6.7	6.7		9.3	9.3		4.8	4.8		
3	9.8	9.8		12.7	12.7					5.8	5.8		7.4	7.4		3.7	3.7		
4	9.7	9.7		9.5	9.5					8.5	8.5		7.2	7.2					
5	8.9	8.9		11.1	11.1		8.6	8.6		10.0	10.0		5.0	5.0					
6	6.8	6.8		16.0	16.0		12.7	10.3	2.4	9.9	9.9		4.5	4.5					
7	5.4	4.9	0.5	16.0	16.0		12.9	12.9		9.8	9.8		4.8	4.8					
8	4.6	4.6		16.0	16.0		14.4	14.4		9.8	9.9		4.9	4.9					
9	3.2	3.2		16.0	16.0		15.9	15.9		10.3	10.3		4.9	4.9					
10	2.3	2.3		15.9	15.9		15.8	15.9		9.5	9.5		4.6	4.6					
11	0.9	0.9		16.5	16.5		15.7	15.7		9.4	9.4		5.0	5.0					
12	0.9	0.9		16.0	16.0		15.9	15.9		10.0	10.0		5.0	5.0					
13	0.3	0.3		15.8	15.8		9.5	9.5		10.2	10.2		4.9	4.9					
14				16.0	16.0		6.0	6.0		10.1	10.1		4.9	4.9					
15				16.0	16.0		5.9	5.9		10.0	10.0		5.0	5.0					
16				16.1	16.1		5.9	5.9		9.8	9.8		5.0	5.0					
17				16.2	13.9	2.3	6.0	6.0		9.8	9.8		4.9	4.9					
18				16.1	13.9	2.2	5.9	5.9		9.7	9.7		4.6	4.6					
19				13.9	12.8	1.1	6.0	6.0		9.8	9.8		5.0	5.0					
20				12.7	12.5	0.2	6.0	6.0		9.8	9.8		5.1	5.1					
21				12.8	12.8		5.9	5.9		9.8	9.8		4.8	4.8					
22				12.5	12.5		6.1	6.1		9.9	9.9		4.6	4.6					
23				12.6	10.3	2.3	5.7	4.9	0.8	9.8	9.8		4.9	4.9					
24				12.5	12.5		5.8	5.8		9.1	9.1		4.9	4.9					
25				12.3	12.3		5.9	5.9		9.9	9.9		4.9	4.9					
26	1.7	1.7		12.1	12.1		6.0	6.0		9.9	9.9		4.9	4.9					
27	3.8	3.8		12.5	10.3	2.2	6.0	6.0		9.9	9.9		4.9	4.9		2.5	2.5		
28	8.0	8.0		12.1	10.3	1.8	5.9	5.9		10.0	10.0		4.9	4.9		1.4	1.4		
29	4.3	4.3		12.3	12.1	0.2	5.8	5.8		10.1	10.1		4.9	4.9					
30	9.8	9.8		12.4	10.3	2.1	5.7	5.7		10.1	10.1		4.9	4.9					
31	14.2	14.2		12.4	12.1	0.3				10.0	10.0								
Total	117.0	116.1	0.9	429.9	407.7	22.2	229.7	228.5	3.2	294.1	294.1		160.5	160.5		17.1	17.1		
Acre-feet		232			853			456			583		318			34			6,184
Priority Diverted		230			800			440			583		318			34			4,016
Apport Diverted		2			44			6											2,178
Apport diverted to date		2,128			2,172			2,178			2,178		2,176			2,176			2,178
TBI acreage	2,148.23			0.22			0.22			2,104.34		0.24		2,104.34					2,104.34
Apportioned	7,691			7,691			7,691			7,534		7,534		7,534					7,534
Duty	0.11			0.40			0.21			0.26		0.15		0.02					2.94

Diversions on North side of Olla River in SW 1/4 NW 1/4, Sec. 21, T. 18S, R. 20W, NMPH. Water-stage recorder and 6 ft. Parshall flume located in SE 1/4 NW 1/4, Sec. 17, T. 18S, R. 20W.
Record Good

2016

NEW MODEL CANAL: 2,597.65 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							8.9	8.9		6.6	2.3	4.3	3.8			3.8	2.6	2.6
2							8.9	8.9		6.6	0.2	6.4	3.8			3.8	2.4	2.4
3							8.8	8.8		7.6	1.2	6.4	3.8			3.8	2.1	2.1
4							8.7	8.7		8.0	2.3	5.7	3.8			3.8	1.3	1.3
5							8.8	8.8		7.9	0.2	7.7	3.9			3.9	0.3	0.3
6							8.9	8.9		7.8		7.8	3.4			3.4		
7				1.6	1.6		8.0	8.0		7.7		7.7	2.9			2.9		
8				2.9	2.9		6.3	6.3		7.9	1.2	6.7	2.9			2.9		
9				4.8	4.8		7.4	7.4		8.3	4.4	3.9	2.9			2.9		
10				6.0	6.0		8.8	8.8		8.1	6.1		1.2			1.2		
11				6.1	6.1		9.1	9.1		7.8	4.4	3.4						
12				6.2	6.2		6.6	6.6		7.7		7.7						
13				4.6	4.6					7.7	4.3	3.4						
14				3.5	3.5		5.6	5.6		7.3	7.3							
15				3.4	3.4		7.9	7.9		6.9	2.2	4.7						
16				3.2	3.2		7.8	7.8		6.3	4.8	1.5						
17				3.1	3.1		8.0	8.0		6.2	6.2							
18				3.1	3.1		8.6	8.6		6.1	6.1		3.1			3.1		
19				4.9	4.9		8.6	8.6		6.9	6.1	0.8	5.7			5.7		
20				5.7	5.7		8.6	8.6		7.6	3.6	4.0	5.6			5.6		
21				5.6	5.6		8.4	8.4		7.8	2.3	5.5	5.0			5.0		
22				4.9	4.9		7.9	7.9		7.7		7.7	5.0			5.0		
23				5.2	5.2		7.5	6.6	0.9	7.6		7.6	5.0			5.0		
24				6.9	6.9		8.6	8.6		7.2		7.2	4.9			4.9		
25				6.2	6.2		8.6	4.4	4.2	6.6		6.6	4.7			4.7		
26	4.2	4.2		5.1	5.1		7.4	3.6	3.8	6.6		6.6	4.4			4.4		
27	5.7	5.7		5.0	5.0		6.5	4.3	2.2	6.1		6.1	4.1			4.1	0.6	0.6
28	5.7	5.7		7.3	7.3		6.2	4.3	1.9	5.7		5.7	3.5			3.5	0.2	0.2
29	4.1	4.1		8.8	8.8		5.9	2.3	3.6	4.9		4.9	3.2			3.2		
30							6.1	3.6	2.5	4.2		4.2	3.1			3.1		
31							6.4	3.6	2.8				2.9			2.9		
Total	25.9	25.9		114.0	114.0		233.8	211.9	21.9	211.4	67.2	144.2	92.6		92.6	9.5		9.5
Acre-feet		51			226			464			419		184			19		
Priority Diverted		51			226			420			133							
Apport Diverted								43			266		184			19		
Apport diverted to date								43			329		513			532		
TBI acreage		716.40			1,127.81			1,441.01			1,441.01		1,441.01			1,487.53		
Apportioned		4,843			7,624			5,159			5,159		5,159			5,325		
Duty		0.07			0.20			0.32			0.29		0.13			0.01		

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	3.1		3.1	1.0		1.0	6.2	2.4	3.8	0.9	0.9		3.5	3.5					
2	2.3	2.3		2.4	2.4		3.0	3.0		0.7	0.7		3.5	3.5					
3				2.8	2.8					0.6	0.6		3.3	3.3					
4				3.4	3.4					0.5	0.5		2.5	2.5					
5				5.1	5.1					4.6	4.6		1.1	1.1					
6				5.0	5.0					7.3	7.3		0.8	0.8					
7				4.9	4.9					7.1	7.1		1.2	1.2					
8				4.5	4.5					8.8	8.8		1.2	1.2					
9				8.8	8.8					6.8	6.8		1.7	1.7					
10				14.0	14.0					6.1	6.1		2.6	2.6					
11				12.3	12.3					5.1	5.1		2.8	2.8					
12				12.0	12.0					4.6	4.6		3.4	3.4		2.8	2.8		
13				10.5	10.5					4.6	4.6		4.1	4.1		5.7	5.7		
14				9.1	9.1					4.4	4.4		4.1	4.1		5.4	5.4		
15				9.4	9.4					4.3	4.3		4.3	4.3		5.1	5.1		
16				8.1	8.1					4.2	4.2		4.2	4.2		4.4	4.4		
17				6.5	6.4	0.1				4.1	4.1		3.9	3.9		3.2	3.2		
18				5.4	5.4					3.9	3.9		3.3	3.3		3.1	3.1		
19				4.6	4.6					3.4	3.4		2.6	2.6		2.9	2.9		
20				2.9	2.9					3.1	3.1		2.1	2.1		2.7	2.7		
21				2.1	2.1					2.6	2.6		1.2	1.2		2.5	2.5		
22				6.5	6.5					2.1	2.1					2.0	2.0		
23				4.8	0.2	4.6													
24				3.6	3.6		2.4	2.4											
25				4.2	4.2		7.0	6.5	0.5										
26				4.2	1.2	3.0	8.9	5.1	3.8										
27				3.9	0.2	3.7	7.6	7.6		1.6	1.6								
28				3.1	0.2	2.9	4.4	4.4		3.7	3.7								
29				2.6	1.2	1.6	4.8	4.8		3.7	3.7								
30				2.8		2.8	1.4	1.4		3.7	3.7								
31				2.8	1.2	1.6				3.7	3.7								
Total	5.4	2.3	3.1	173.6	162.2	21.3	45.7	37.6	5.1	104.2	104.2		57.4	57.4		39.8	39.8		
Acre-feet		11			344			91			207		114			79			2,208
Priority Diverted		5			302			75			207		114			79			1,612
Apport Diverted		6			42			16											596
Apport diverted to date		538			580			598			596		596			596			596
TBI acreage		1,487.53			0.41			0.43			1,527.50		0.41			1,527.50			1,527.50
Apportioned		5,325			5,441			5,468			5,468		5,468			5,468			5,468
Duty		0.01			0.23			0.06			0.14		0.07			0.05			1.45

Diversions on South side of Gila River in NW 1/4 SE 1/4, Sec. 11, T. 19S, R. 21W, NMPM. Water-stage recorder and 6 ft. Parshall flume located in NE 1/4 NE 1/4, Sec. 10, T. 19S, R. 21W.
Record Good

2016

VALLEY CANAL: 1,387.20 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							3.0	3.0		7.7	1.0	6.7	3.3		3.3	5.0		5.0
2							2.9	2.9		7.4		7.4	2.9		2.9	5.6		5.6
3							2.9	2.9		7.1	0.5	6.6	2.9		2.9	4.7		4.7
4							1.0	1.0		7.1	1.0	6.1	2.8		2.8	3.4		3.4
5										7.3		7.3	2.7		2.7	2.4		2.4
6										8.2		8.2	2.6		2.6	1.6		1.6
7										7.8		7.8	1.1		1.1	1.0		1.0
8							2.5	2.5		7.1	0.5	6.6				1.1		1.1
9							3.5	3.5		6.9	3.7	3.2				0.4		0.4
10							3.5	3.5		7.1	7.1					0.4		0.4
11							3.2	3.2		7.2	3.7	3.5						
12							2.9	2.9		7.6		7.6						
13							3.1	3.1		8.0	3.7	4.3						
14							3.1	3.1		8.2	7.4	0.8						
15							3.0	3.0		7.9	1.0	6.9						
16							2.7	2.7		8.2	3.7	4.5						
17							5.8	5.8		8.6	8.5	0.1						
18				3.2	3.2		7.2	7.2		8.8	7.7	1.1						
19				5.7	5.7		7.3	7.3		8.7	4.2	4.5	0.8		0.8			
20				5.6	5.6		7.4	7.4		8.2	3.7	4.5	3.7		3.7			
21				3.7	3.7		7.9	7.9		7.9	1.0	6.9	5.4		5.4			
22				4.2	4.2		8.4	8.4		7.5		7.5	5.9		5.9			
23				5.0	5.0		7.4	4.9	2.5	6.9		6.9	6.9		6.9			
24				5.1	6.1		7.4	7.4		5.6		5.6	8.2		8.2			
25				4.8	4.8		7.0	3.7	3.3	5.5		5.5	8.4		8.4			
26				4.9	4.9		7.6	3.7	4.1	4.9		4.9	7.5		7.5			
27				4.6	4.6		8.9	3.7	3.2	4.1		4.1	7.4		7.4			
28				4.5	4.5		7.2	3.7	3.6	3.6		3.6	6.7		6.7			
29				3.7	3.7		7.9	1.0	6.9	3.5		3.5	5.8		5.8			
30							7.0	3.7	3.3	3.2		3.2	5.7		5.7			
31							6.6	3.7	3.1				5.7		5.7			
Total				55.0	55.0		146.7	116.6	29.9	207.8	56.4	149.4	96.4		96.4	25.6		25.6
Acre-feet					109			291			412		191				51	
Priority Diverted					109			232			116							
Apport Diverted								59			296		191				51	
Apport diverted to date								59			355		546				597	
TBI acreage	709.10			709.10			709.10			709.10		709.10		773.30			773.30	
Apportioned	4,794			4,794			2,539			2,539		2,539		2,768			2,768	
Duty					0.15			0.41			0.58		0.27				0.07	

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							2.4	1.1	1.3				5.4	5.4					
2				2.1	2.1								5.0	5.0					
3				4.3	4.3								2.7	2.7					
4				6.3	6.3														
5				8.5	8.5														
6				7.6	7.6														
7				6.6	6.6														
8				7.8	7.8														
9				9.2	9.2														
10				8.4	8.4														
11				8.7	8.7														
12				9.1	9.1														
13				8.4	8.4														
14				6.7	6.7														
15				4.9	4.9														
16				4.8	4.8														
17				4.4	4.4														
18				4.3	4.3														
19				4.3	4.0	0.3													
20				4.5	4.0	0.5													
21				4.6	4.6														
22				4.6	4.6														
23				4.2		4.2													
24				4.2	4.0	0.2													
25				4.3	4.3														
26				4.3	0.6	3.7	3.5	3.5											
27				4.4		4.4	6.0	6.0											
28				3.1		3.1	5.1	5.1											
29				1.1	0.6	0.5	4.2	4.2											
30				0.5		0.5	5.6	5.6											
31				0.9	0.6	0.3													
Total				157.1	139.4	17.7	26.8	25.5	1.3	13.1	13.1								
Acre-feet					312			53			26								1,445
Priority Diverted					276			51			26								810
Apport Diverted					35			3											635
Apport diverted to date					632			635			635			635			635		635
TBI acreage	773.30			0.44			0.44			773.30			0.44			773.30			773.30
Apportioned	2,768			2,768			2,768			2,768			2,768			2,768			2,768
Duty					0.40			0.07			0.03								1.87

Diversions on North side of Gila River in NE 1/4 NW 14, Sec. 4, T. 19S, R. 21W, NMPM. Water-stage recorder and 6 ft. Parshall flume located in NW 1/4 SE 1/4, Sec. 34, T. 6S, R. 32E.

Record Good

2016

SAFFORD VALLEY: 31,570.18 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				5.1	5.1		184.2	184.2		259.8	121.6	138.2	145.5	5.3	140.2	73.4		73.4
2				1.4	1.4		194.2	194.2		262.7	115.7	147.0	143.4	0.3	143.1	71.1		71.1
3				1.1	1.1		191.8	191.8		260.1	85.9	174.2	144.9		144.9	67.4		67.4
4				1.1	1.1		193.4	193.4		256.6	96.6	161.8	129.8		129.8	62.8		62.8
5	2.9	2.9		1.1	1.1		194.1	194.1		258.5	115.7	142.8	131.4		131.4	52.7		52.7
6	4.9	4.9		1.1	1.1		193.4	193.4		253.5	85.9	167.6	117.0		117.0	47.2		47.2
7	3.0	3.0		1.1	1.1		195.1	195.1		248.8	58.0	190.8	109.0		109.0	47.9		47.9
8				1.1	1.1		248.3	236.4	0.0	246.6	48.8	197.0	107.0		107.0	50.5		50.5
9				1.1	1.1		252.7	244.2	8.5	247.3	96.8	150.5	102.6		102.6	48.8		48.8
10				1.1	1.1		252.4	252.4		241.5	149.9	91.6	93.7		93.7	53.1		53.1
11				1.1	1.1		249.5	241.9	7.6	250.4	173.4	77.0	113.0		113.0	74.3		74.3
12				1.2	1.2		247.2	240.8	6.4	249.4	146.1	103.3	110.2		110.2	77.7		77.7
13				1.2	1.2		247.5	224.6	22.9	245.5	70.9	174.6	100.2		100.2	72.8		72.8
14				1.2	1.2		249.2	229.4	19.8	236.9	129.5	107.4	90.5		90.5	69.1	41.0	28.1
15				3.9	3.9		252.6	245.0	7.6	233.0	165.7	67.3	83.3		83.3	68.2	16.1	52.1
16				12.6	12.6		252.4	206.4	46.0	231.6	122.7	108.9			86.6	68.8	39.6	29.2
17				9.0	9.0		249.7	232.7	17.0	230.6	153.7	76.9	84.6		84.6	65.4	16.1	49.3
18				12.1	12.1		251.2	201.6	49.7	226.4	209.7	16.7	86.1		86.1	62.8	43.4	19.4
19				50.3	50.3		249.8	238.6	11.2	224.0	184.4	39.6	94.9		94.9	59.1	33.2	25.9
20				58.1	58.1		248.5	243.2	5.3	220.3	148.5	71.8	94.6		94.6	50.8	23.3	27.5
21				59.6	59.6		246.8	249.8		202.4	116.8	85.8	94.0		94.0	49.0	5.4	43.6
22				61.5	61.5		249.2	243.7	5.5	195.4	115.7	79.7	80.1		80.1	52.7	15.9	36.8
23				61.5	61.5		251.8	227.9	23.9	181.7	48.8	132.9	91.1		91.1	53.4	16.1	37.3
24				59.8	59.8		252.6	150.7	101.9	174.4	41.1	133.3	85.6		85.6	60.1	0.7	59.4
25	2.6	2.6		60.5	60.5		250.9	218.3	32.6	170.7	5.1	165.6	79.4		79.4	56.3	16.1	43.2
26	4.4	4.4		61.8	61.8		249.6	138.0	111.0	161.5	28.0	133.5	76.8		76.8	59.4	23.3	36.1
27	4.3	4.3		60.1	60.1		250.7	115.5	135.2	152.0	0.3	151.7	73.5		73.5	60.2	23.3	36.9
28	4.3	4.3		58.7	58.7		252.1	130.0	122.1	162.7	10.7	142.0	67.6		67.6	58.6	23.3	35.3
29	4.3	4.3		63.8	63.8		251.1	122.9	128.2	152.1	0.7	151.4	78.6		78.6	92.7	33.7	59.0
30	4.3	4.3					253.3	109.8	143.7	148.3		148.3	80.8		80.8	89.0	33.7	59.9
31	4.3	4.3					253.6	115.5	138.1				77.5		77.5			
Total	39.3	39.3		713.9	713.9		7358.9	6205.8	1153.1	6575.9	2832.0	3743.0	3063.3	5.6	3057.7	1876.9	404.2	1474.7
Acre-feet		78			1,416			14,596			13,043		6,076				3,727	
Priority Diverted		76			1,416			12,309			5,619		11				803	
Apport Diverted								2,287			7,426		6,065				2,925	
Apport diverted to date								2,287			9,712		15,777				18,702	
TBI acreage	5,445.88			9,116.63			20,581.59			21,588.99		22,101.09			22,987.39			
Apportioned	36,814			61,642			73,682			77,289		79,122			80,147			
Duty	0.01			0.16			0.71			0.80		0.27			0.17			

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	96.8	57.5	39.3	132.5	132.0	0.5	123.1	96.0	27.1	11.6	11.5		15.4	15.4		57.8	57.8		
2	89.6	62.2	27.3	133.8	42.8	91.0	132.4	114.4	18.0	11.6	11.6		15.4	15.4		59.4	59.4		
3	110.8	110.8		134.2	134.2		138.4	127.0	11.4	11.4	11.4		15.2	15.2		57.4	57.4		
4	118.8	118.8		162.4	162.4		140.2	140.2		11.4	11.4		13.3	13.3		59.4	59.4		
5	92.6	67.4	25.2	189.2	189.2		140.7	120.2	20.5	11.2	11.2		11.2	11.2		95.8	94.7	1.1	
6	48.9	46.9	2.0	204.0	204.0		129.5	83.1	46.4	10.7	10.7		11.1	11.1		109.8	109.8		
7	55.3	36.0	19.3	212.5	212.5		96.4	60.0	36.4	10.4	10.4		11.0	11.0		109.5	103.0	6.5	
8	72.3	40.7	31.6	227.2	227.2		7.0	7.0		10.1	10.1		11.0	11.0		100.7	100.7		
9	67.5	42.3	25.2	230.3	220.5	0.8	0.6	0.6		12.9	12.9		10.7	10.7		96.2	96.2		
10	65.5	47.6	17.7	228.1	228.1					11.6	11.6		2.0	2.0		95.5	95.5		
11	64.2	34.7	29.5	238.9	238.9					11.4	11.4		2.2	2.2		95.8	95.5	0.3	
12	61.3	23.9	37.4	247.7	243.4	4.3				11.0	11.0		48.8	48.8		96.6	96.1	0.5	
13	53.5	32.3	21.2	245.2	245.2		3.6	3.6		10.6	10.6		48.8	48.8		95.9	95.7	0.2	
14	50.0	23.4	26.6	236.2	235.4	0.8	1.3	1.3		10.4	10.4		48.8	48.8		105.8	105.8		
15	51.6	28.0	23.6	230.8	230.8		1.2	1.2		10.4	10.4		48.4	48.4		115.6	114.9	0.7	
16	50.8	5.4	45.4	224.0	224.0					10.4	10.4		49.1	49.1		116.1	116.1		
17	54.1	33.2	20.9	196.0	192.3	3.7				10.3	10.3		49.0	49.0		107.6	107.6		
18	60.2	60.2		176.8	154.8	22.0				10.1	10.1		48.8	48.8		103.6	103.6		
19	65.7	11.2	54.5	161.3	153.4	7.9				10.1	10.1		48.9	48.9		84.2	84.2		
20	88.4	11.2	77.2	148.8	144.8	2.2				12.9	12.9		54.4	54.4		79.3	79.3		
21	88.8	50.0	38.8	146.5	119.4	27.1				15.9	15.9		57.0	57.0		83.8	83.8		
22	91.3	82.8	8.5	139.4	139.4					16.1	16.1		56.2	56.2		84.5	84.5		
23	73.5	60.3	13.2	129.0	129.0					15.9	15.9		56.2	56.2		73.2	73.2		
24	68.6	48.0	20.6	117.4	80.8	36.6				16.0	16.0		56.4	56.4		67.5	67.5		
25	85.6	29.2	56.4	135.9	127.3	8.6				16.0	16.0		55.9	55.9		67.7	67.7		
26	92.9	42.8	50.1	132.4	132.4		2.3	2.3		16.0	16.0		54.9	54.9		64.7	64.7		
27	72.0	23.9	48.1	129.5	98.8	30.7				15.8	15.8		53.5	53.5		63.8	63.8		
28	136.7	29.2	107.5	124.9	87.3	37.6				15.8	15.8		53.1	53.1		60.4	60.4		
29	148.3	68.6	79.6	121.4	87.6	33.8				15.7	15.7		54.2	54.2		57.6	57.6		
30	135.9	11.2	124.7	119.7	98.3	21.4				15.6	15.6		54.4	54.4	6.7	37.4	37.4		
31	142.5	142.5		119.0	73.6	45.4				15.6	15.6					21.5	21.5		
Total	2553.9	1442.1	1111.8	5371.0	4996.6	374.4	949.6	786.5	163.4	394.8	388.1	6.7	1115.3	1115.3		2524.3	2515.0	9.3	
Acre-feet		5,066			10,653			1,894			783		2,212				5,007		64,543
Priority Diverted		2,860			9,911			1,561			770		2,212				4,989		42,539
Apport Diverted		2,204			743			323			13						16		22,004
Apport diverted to date		20,906			21,649			21,972			21,985		21,985			22,004			22,004
TBI acreage	22,419.00			22,421.63			22,447.43			22,701.66		22,701.66			22,701.66				22,701.66
Apportioned	80,264			80,289			80,352			81,272		81,272			81,272				81,272
Duty	0.23			0.48			0.06			0.03		0.10			0.22				2.84

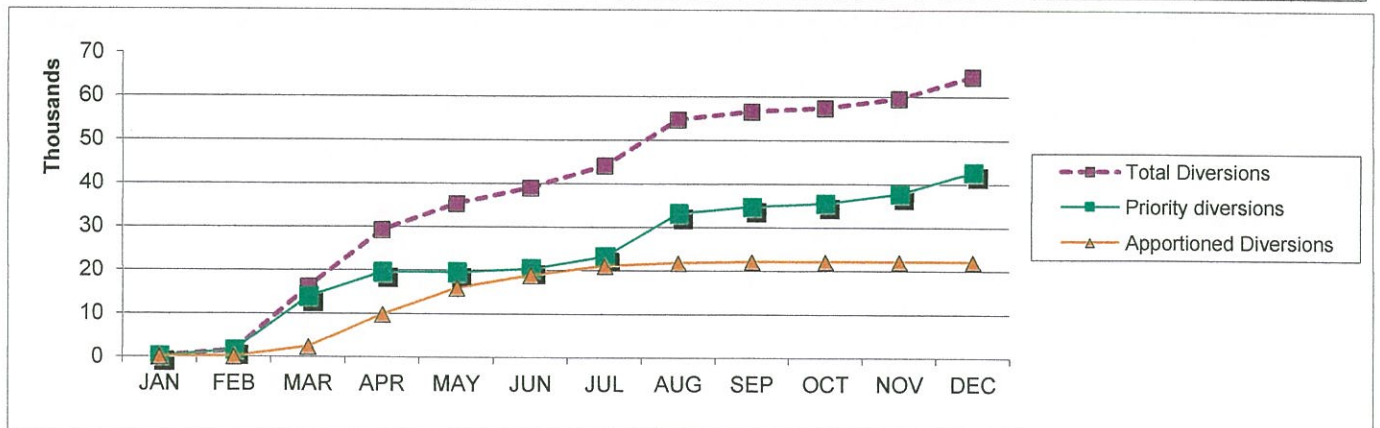
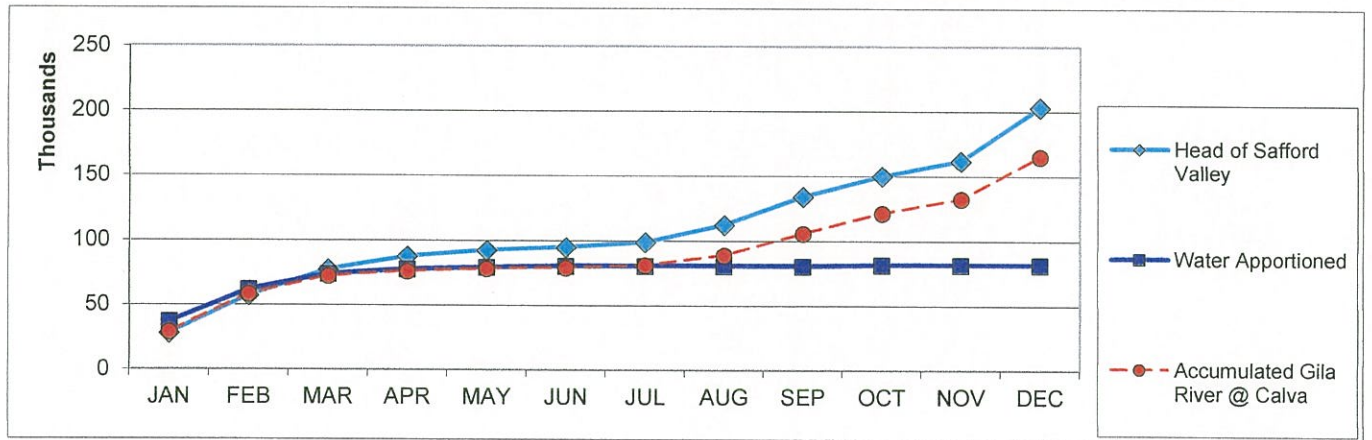
2016

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	27,977	27,977	78	78		29,082	29,082
FEB	29,005	56,982	1,494	1,494		58,400	29,318
MAR	20,218	77,200	16,090	13,803	2,287	72,039	13,639
APR	10,167	87,367	29,134	19,422	9,712	75,895	3,856
MAY	4,955	92,322	35,210	19,433	15,777	78,031	2,136
JUN	2,485	94,807	38,938	20,236	18,702	78,762	731
JUL	3,824	98,631	44,002	23,096	20,906	81,011	2,249
AUG	13,506	112,137	54,656	33,007	21,649	88,606	7,595
SEP	21,882	134,019	56,540	34,568	21,972	105,662	17,056
OCT	16,011	150,030	57,323	35,338	21,985	121,379	15,717
NOV	11,889	161,919	59,535	37,550	21,985	132,500	11,121
DEC	41,384	203,303	64,543	42,539	22,004	165,242	32,742

Graph:	Gila at Head	Total Diversions	Priority Div's	Apportn'd Div's	Apportionments	Gila Calva
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2016

CONSOLIDATED BROWN CANAL: 1,326.90 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				5.1	5.1		6.3	6.3		9.1	5.0	4.1	6.5	0.3	6.2	5.3		5.3
2				1.4	1.4		6.6	6.6		9.1	4.9	4.2	6.5		6.5	4.3		4.3
3							6.5	6.5		9.1	3.5	5.6	6.5		6.5	3.4		3.4
4							6.5	6.5		9.2	3.8	5.4	5.8		5.8	3.5		3.5
5							6.5	6.5		9.5	4.9	4.6	5.4		5.4	2.8		2.8
6	2.9	2.9					6.5	6.5		9.4	3.5	5.9	5.1		5.1	2.0		2.0
7	4.9	4.9					6.5	6.5		9.4	2.8	6.6	4.9		4.9	2.1		2.1
8	3.0	3.0					6.5	6.5		9.4	2.3	7.1	4.1		4.1	2.2		2.2
9							6.5	6.5		9.4	3.8	5.6	3.9		3.9	2.3		2.3
10							6.5	6.5		9.4	7.1	2.3	3.5		3.5	2.3		2.3
11							6.3	6.3		9.4	9.0	0.4	3.2		3.2	2.2		2.2
12							6.1	6.1		9.4	6.7	2.7	4.1		4.1	2.2		2.2
13							5.9	5.9		9.4	3.0	6.4	3.9		3.9	2.5		2.5
14							5.7	5.7		9.4	5.1	4.3	3.5		3.5	2.3	2.1	0.2
15				2.7	2.7		7.8	7.8		9.3	8.7	0.6	3.3		3.3	1.8	0.7	1.1
16				5.0	5.0		8.8	8.8		8.9	4.0	4.9	3.3		3.3	2.2	2.1	0.1
17				4.9	4.9		8.6	8.6		8.9	7.7	1.2	3.3		3.3	2.6	0.7	1.9
18				4.9	4.9		8.3	8.3		8.9	8.9		3.2		3.2	2.8	2.3	0.5
19				4.9	4.9		8.1	8.1		9.4	9.3	0.1	3.8		3.8	2.8	1.8	1.0
20				4.8	4.8		7.9	7.9		9.4	7.7	1.7	4.2		4.2	2.1	1.2	0.9
21				4.6	4.6		7.8	7.8		9.2	5.0	4.2	4.3		4.3	1.5	0.3	1.2
22				4.4	4.4		7.9	7.9		9.2	4.9	4.3	4.4		4.4	1.5	0.7	0.8
23				4.1	4.1		7.7	7.7		9.0	2.3	6.7	4.3		4.3	1.5	0.7	0.8
24				4.3	4.3		8.2	7.4	0.8	9.0	2.1	6.9	4.3		4.3	1.8		1.8
25	2.6	2.6		5.0	5.0		7.8	7.8		9.0	0.3	8.7	4.3		4.3	2.1	0.7	1.4
26	4.4	4.4		6.0	6.0		7.9	6.4	1.5	8.8	1.5	7.3	4.6		4.6	2.1	1.2	0.9
27	4.3	4.3		5.6	5.6		7.9	4.8	3.1	7.7		7.7	4.7		4.7	2.1	1.2	0.9
28	4.3	4.3		6.0	6.0		7.2	5.2	2.0	6.5	0.6	5.9	4.8		4.8	2.1	1.2	0.9
29	4.3	4.3		6.0	6.0		6.7	4.8	1.9	6.5		6.5	4.8		4.8	2.2	1.8	0.4
30	4.3	4.3					6.1	4.7	3.4	6.5		6.5	4.8		4.8	2.8	1.8	1.0
31	4.3	4.3					9.2	4.8	4.4				5.1		5.1			
Total	39.3	39.3		79.7	79.7		224.8	207.7	17.1	266.8	128.4	138.4	138.4	0.3	138.1	73.4	20.5	52.9
Acre-feet		78			158			446			529		275				146	
Priority Diverted		78			158			412			255		1				41	
Apport Diverted								34			275		274				105	
Apport diverted to date								34			309		563				688	
TBI acreage		507.04			520.14			739.24			778.04		778.04				778.04	
Apportioned		3,428			3,516			2,846			2,785		2,785				2,785	
Duty		0.15			0.30			0.60			0.68		0.35				0.19	

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	3.6	2.8	0.8	5.0	5.0		5.1	3.8	1.3										
2	3.9	3.0	0.9			2.7	5.6	4.9	0.7										
3	4.7	4.7		5.6	5.6		4.8	4.8											
4	5.3	5.3		5.2	5.2		4.5	4.5											
5	3.9	3.0	0.9	1.4	1.4		4.5	4.5										2.7	2.7
6	2.9	2.9					4.3	3.5	0.8									4.7	4.7
7	2.8	2.3	0.5				4.1	2.8	1.3									5.0	5.0
8	3.0	2.1	0.9				2.6	2.6										1.7	1.7
9	2.6	2.1	0.5				0.6	0.6											
10	2.6	2.3	0.3																
11	2.5	1.8	0.7	6.3	6.3														
12	2.4	1.2	1.2	9.7	9.4	0.3													
13	2.1	1.8	0.3	9.7	9.7														
14	2.0	1.2	0.8	8.8	8.8													1.9	1.9
15	2.1	1.5	0.6	9.1	9.1													3.8	3.8
16	2.0	0.3	1.7	8.5	8.5													4.2	4.2
17	2.0	1.8	0.2	8.8	8.8													4.1	4.1
18	1.8		1.8	8.8	7.7	1.1												4.0	4.0
19	2.0	0.6	1.4	7.5	7.5													4.0	4.0
20	2.1	0.6	1.5	6.3	6.3													3.9	3.9
21	2.1	2.1		6.5	5.0	1.5												3.9	3.9
22	2.2	2.2		6.6	6.6													4.0	4.0
23	2.4	2.4		6.3	6.3													4.9	4.9
24	2.5	2.3	0.2	5.9	3.5	2.4												3.4	3.4
25	2.6	1.5	1.1	5.3	5.3														
26	2.6	2.1	0.5	5.1	5.1														
27	2.6	1.2	1.4	5.1	3.8	1.3													
28	6.3	1.5	4.8	5.0	3.5	1.5													
29	7.9	3.5	4.4	5.0	3.5	1.5													
30	7.1	0.6	6.5	4.9	3.8	1.1												3.1	3.1
31	5.1	5.1		4.9	3.0	1.9												4.7	4.7
Total	99.7	65.6	33.9	166.1	150.8	15.3	36.1	32.0	4.1									64.0	64.0
Acre-feet		198			329			72										127	2,358
Priority Diverted		131			299			63										127	1,565
Apport Diverted		67			30			8											793
Apport diverted to date		755			785			793											793
TBI acreage		778.04			801.44			801.44											801.44
Apportioned		2,785			2,785			2,785											2,869
Duty		0.25			0.42			0.09											0.16

Diversion from North side of Gila River in SE 1/4 SE 1/4, Sec. 36, T. 66, R. 28E. Water-stage recorder and 3 R. Parshall flume located in NE 1/4 NE 1/4, Sec. 31, T. 65, R. 28E.

Record Good

2016

SAN JOSE CANAL: 4,131.21 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							34.3	34.3		39.2	19.7	19.5	21.1	1.0	20.1	16.0		16.0
2							36.0	36.0		40.7	18.8	21.9	21.1		21.1	17.2		17.2
3							36.1	36.1		40.7	17.8	22.9	21.2		21.2	16.5		16.5
4							36.1	36.1		40.7	18.8	21.9	20.5		20.5	16.0		16.0
5							36.1	36.1		40.7	18.8	21.9	22.1		22.1	14.7		14.7
6							36.1	36.1		40.7	17.8	22.9	21.3		21.3	12.9		12.9
7							36.1	36.1		40.7	14.8	25.9	19.2		19.2	12.9		12.9
8							36.2	36.0	0.2	40.4	12.8	27.6	19.0		19.0	12.9		12.9
9							36.2	36.0	0.2	40.1	18.8	21.3	21.7		21.7	12.9		12.9
10							36.2	36.2		40.1	21.1	19.0	18.6		18.6	12.9		12.9
11							36.2	36.0	0.2	40.1	23.9	16.2	19.0		19.0	14.6		14.6
12							36.2	36.0	0.2	40.1	21.1	19.0	19.0		19.0	15.5		15.5
13							36.2	35.2	1.0	40.1	15.8	24.3	21.5		21.5	14.3		14.3
14							36.2	35.7	0.5	40.1	20.2	19.9	19.8		19.8	12.9	12.0	0.9
15							36.2	36.0	0.2	40.1	23.4	16.7	18.0		18.0	12.9	6.0	6.9
16							36.2	30.4	5.8	40.1	18.8	21.3	18.0		18.0	12.9	12.0	0.9
17							36.2	35.7	0.5	40.1	21.9	18.2	18.0		18.0	12.6	6.0	6.6
18							36.2	29.0	7.2	40.1	38.2	1.9	18.6		18.6	11.6	11.6	
19							36.2	35.7	0.5	40.1	31.3	8.8	19.8		19.8	11.5	11.0	0.5
20							36.2	36.0	0.2	40.1	21.9	18.2	20.5		20.5	11.3	8.0	3.3
21							36.2	36.2		36.1	19.7	16.4	20.4		20.4	11.4	1.0	10.4
22							36.2	36.0	0.2	33.5	18.8	14.7	21.3		21.3	11.8	6.0	5.8
23							36.2	35.7	0.5	30.1	12.8	17.3	20.1		20.1	11.6	6.0	5.6
24							36.2	19.9	16.3	28.2	11.8	16.4	19.0		19.0	12.2		12.2
25							36.2	33.8	2.4	28.0	0.9	27.1	19.0		19.0	12.2	6.0	6.2
26							36.2	18.7	17.5	25.5	8.8	16.7	19.0		19.0	12.6	8.0	4.6
27							36.2	17.5	18.6	22.3		22.3	17.8		17.8	13.1	8.0	5.1
28							36.2	18.0	18.2	21.1	3.0	18.1	17.0		17.0	12.4	8.0	4.4
29							36.2	18.0	18.2	21.1		21.1	17.0		17.0	34.5	11.0	23.5
30							36.2	16.7	19.5	21.1		21.1	17.3		17.3	17.1	11.0	6.1
31							36.2	17.6	18.6				16.2		16.2			
Total							1119.6	972.9	146.7	1072.0	491.5	580.5	602.1	1.0	601.1	423.9	131.6	292.3
Acre-feet								2,221			2,126			1,194			841	
Priority Diverted								1,930			975			2			261	
Apport Diverted								291			1,151			1,192			580	
Appor diverted to date								291			1,442			2,634			3,214	
TBI acreage		176.05			2,250.62			2,900.20			3,260.40			3,300.70			3,300.70	
Apportioned		1,190			15,216			10,383			11,672			11,817			11,817	
Duty								0.77			0.65			0.36			0.25	

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	18.8	15.1	3.5	20.5	20.5		20.1	19.1	1.0										
2	20.4	16.0	4.4	20.5	12.0	8.5	20.9	19.1	1.8										
3	19.6	19.6		20.5	20.5		21.4	20.5	0.9										
4	20.5	20.5		25.5	25.5		21.4	21.4											
5	18.8	16.0	2.8	36.3	36.3		21.4	20.1	1.3							14.6	14.6		
6	6.4	6.4		40.8	40.8		21.4	18.0	3.4							17.5	17.5		
7	8.2	8.2		41.4	41.4		19.3	15.1	4.2							17.5	17.5		
8	15.4	12.0	3.4	41.4	41.4											17.5	17.5		
9	15.1	12.0	3.1	41.4	41.2	0.2										17.5	17.6		
10	14.1	13.0	1.1	41.4	41.4											17.5	17.5		
11	13.7	11.1	2.6	41.4	41.4											17.5	17.5		
12	13.5	8.0	5.5	41.4	40.7	0.7										17.5	17.5		
13	12.6	11.1	1.5	41.4	41.4											17.5	17.5		
14	11.0	8.0	3.0	41.4	41.2	0.2										17.5	17.5		
15	11.0	9.0	2.0	41.4	41.4											17.5	17.5		
16	10.7	1.0	9.7	41.4	41.4											17.5	17.5		
17	11.2	11.1	0.1	32.5	32.5											17.5	17.5		
18	11.9		11.9	26.6	22.2	4.4										17.9	17.9		
19	13.3	3.0	10.3	23.4	22.2	1.2										11.4	11.4		
20	13.5	3.0	10.5	21.4	21.4											8.4	8.4		
21	13.4	13.0	0.4	21.4	20.1	1.3										9.1	9.1		
22	16.2	16.2		21.4	21.4											9.3	9.3		
23	15.1	15.1		21.4	21.4											8.4	8.4		
24	15.1	13.0	2.1	20.8	18.0	2.8										14.4	14.4		
25	15.2	9.0	6.2	20.1	20.1											17.3	17.3		
26	15.1	12.0	3.1	20.1	20.1											16.9	16.9		
27	15.1	8.0	7.1	20.1	19.1	1.0										16.8	16.8		
28	30.6	9.0	21.6	20.1	18.0	2.1										16.8	16.8		
29	22.4	18.0	4.4	20.1	18.0	2.1										16.6	16.6		
30	24.3	3.0	21.3	20.1	19.1	1.0										5.7	5.7		
31	24.1	24.1		20.1	16.0	4.1													
Total	486.1	344.5	141.6	907.7	878.1	29.6	145.9	133.3	12.6							393.6	393.6		
Acre-feet		964			1,800			289									781		10,217
Priority Diverted		683			1,742			264									781		6,638
Apport Diverted		281			59			25											3,579
Appor diverted to date		3,495			3,564			3,579			3,579			3,579			3,579		3,579
TBI acreage		3,312.20			0.20			3,313.84			3,322.34			3,322.34			3,322.34		3,322.34
Apportioned		11,858			11,864			11,864			11,894			11,894			11,894		11,894
Duty		0.29			0.54			0.09									0.24		3.08

Diversion from South side of Gila River in SW 1/4 SW 1/4, Sec. 36, T. 6S, R 27E. Water-stage recorder and 16 ft Parshall flume located in NE 1/4 NE 1/4, Sec. 2, T. 7S, R 27E, which measures combined flow of San Jose, Fourness, Montezuma, and Union Canals

Record Good

2016

FOURNESS CANAL: 210.70 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							2.0	2.0		2.1	2.1	2.1	2.1		2.1			
2							2.0	2.0		2.1		2.1	2.1		2.1			
3							2.0	2.0		2.1		2.1	2.1	0.8				0.8
4							2.0	2.0		2.1		2.1	2.1					
5							2.0	2.0		2.1		2.1	2.1					
6							2.0	2.0		2.1		2.1	2.1					
7							2.0	2.0		2.1		2.1	2.1					
8							2.0	2.0		2.1		2.1	2.1					
9							2.0	2.0		2.1		2.1	2.1					
10							2.0	2.0		2.1	2.1							
11							2.0	2.0		2.1	2.1							
12							2.0	2.0		2.1	2.1							
13							2.0	2.0		2.1		2.1						
14							2.0	2.0		2.1		2.1						
15							2.0	2.0		2.1	2.1							
16							2.0	2.0		2.1		2.1						
17							2.0	2.0		2.1	2.1	0.0						
18							2.0	2.0		2.1	2.1							
19							2.0	2.0		2.1	2.1							
20							2.0	2.0		2.1	2.1							
21							2.0	2.0		2.1		2.1						
22							2.0	2.0		2.1		2.1						
23							2.0	2.0		2.1		2.1						
24							2.0	2.0		2.1		2.1						
25							2.0	2.0		2.1		2.1						
26							2.0	2.0		2.1		2.1						
27							2.0		2.0	2.1		2.1						
28							2.0		2.0	2.1		2.1						
29							2.0		2.0	2.1		2.1						
30							2.0		2.0	2.1		2.1						
31							2.0		2.0	2.1		2.1						
Total							62.0	52.0	10.0	63.0	16.8	46.2	5.0		5.0			
Acre-feet								123			125			10				
Priority Diverted								103			33							
Apport Diverted								20			92			10				
Apport diverted to date								20			112			122				122
TBI acreage								167.10			167.10			167.10				167.10
Apportioned								598			598			598				598
Duty								0.74			0.75			0.06				

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				1.0	1.0		2.1	2.1											
5				2.1	2.1		2.1	2.1											
6				2.1	2.1		2.1	2.1											
7				2.1	2.1		1.0	1.0											
8				2.1	2.1														
9				2.1	2.1														
10				2.1	2.1														
11				2.1	2.1														
12				2.1	2.1														
13				2.1	2.1														
14				2.1	2.1														
15				2.1	2.1														
16				2.1	2.1														
17				2.1	2.1														
18				2.1	2.1														
19				2.1	2.1														
20				2.1	2.1														
21				2.1		2.1													
22				2.1	2.1														
23				2.1	2.1														
24				0.8		0.8													
25																			
26																			
27																			
28	1.3		1.3																
29	2.1		2.1																
30	0.8		0.8																
31	0.8		0.8																
Total	5.0		5.0	41.7	38.8	2.9	10.7	2.1	8.6										
Acre-feet		8			83			21										370	
Priority Diverted					77			4										217	
Apport Diverted					6			17										153	
Apport diverted to date		130			136			153			153			153			153	153	
TBI acreage		167.10			0.21			167.10			191.20			191.20			191.20	191.20	
Apportioned		598			598			598			684			684			684	684	
Duty		0.05			0.50			0.13										1.94	

2016

MONTEZUMA CANAL: 4,715.78 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							26.9	26.9		36.8	16.3	20.5	17.7	1.9	15.8	14.8		14.8
2							22.8	22.8		37.6	16.0	21.6	17.3	0.3	17.0	12.3		12.3
3							21.4	21.4		37.0	14.3	22.7	18.4		18.4	14.1		14.1
4							22.6	22.6		36.9	14.7	22.2	16.2		16.2	13.8		13.8
5							23.5	23.5		37.2	16.0	21.2	18.8		18.8	14.1		14.1
6							23.5	23.5		37.8	14.3	23.5	18.3		18.3	13.1		13.1
7							23.8	23.8		37.3	13.6	23.7	16.4		16.4	11.9		11.9
8							39.1	35.9	3.2	37.4	12.8	24.6	14.0		14.0	11.4		11.4
9							36.9	35.9	1.0	36.9	14.7	22.2	18.5		18.5	11.7		11.7
10							36.4	36.4		36.6	18.3	18.3	11.2		11.2	12.2		12.2
11							33.8	33.8		36.7	23.9	12.8	9.6		9.6	14.8		14.8
12							32.9	32.9		36.7	17.9	18.8	15.4		15.4	15.7		15.7
13							34.1	34.1		37.3	14.0	23.3	18.3		18.3	14.4		14.4
14							34.2	34.2		37.8	16.8	21.0	16.4		16.4	12.6		12.6
15							35.4	35.4		37.7	22.3	15.4	12.7		12.7	12.1	5.0	7.1
16							35.2	35.2		37.6	16.0	21.6	13.7		13.7	11.2		11.2
17							35.3	35.3		37.2	19.0	18.2	14.0		14.0	11.4	5.0	6.4
18							35.3	35.3		37.1	37.1		5.8		5.8	12.0	12.0	
19							35.0	35.0		37.0	30.5	6.5	6.2		6.2	12.5	12.0	0.5
20							34.9	34.9		36.9	19.4	17.5	12.0		12.0	12.0	7.7	4.3
21							34.5	34.5		37.8	16.3	21.5	17.6		17.6	12.3	1.9	10.4
22							34.2	34.2		37.5	16.0	21.5	18.0		18.0	12.8	5.0	7.8
23							34.6	34.6		33.5	12.8	20.7	16.7		16.7	12.5	5.0	7.5
24							33.6	18.3	15.3	30.6	12.6	18.0	15.0		15.0	13.1	0.7	12.4
25							35.8	35.8		30.3	1.9	28.4	13.2		13.2	13.2	5.0	8.2
26							37.0	16.6	20.4	25.3	9.3	16.0	11.5		11.5	13.6	7.7	5.9
27							37.1	15.2	21.9	20.2	0.3	19.9	14.8		14.8	14.0	7.7	6.3
28							36.8	16.1	20.7	17.5	4.1	13.4	13.5		13.5	13.3	7.7	5.6
29							35.8	16.6	20.2	16.7	0.7	16.0	14.3		14.3	21.6	12.0	9.6
30							35.8	14.8	21.0	17.4		17.4	14.6		14.6	15.3	12.0	3.3
31							35.6	15.2	20.4				13.9		13.9			
Total							1013.7	869.6	144.1	1010.3	441.9	568.4	454.0	2.2	451.8	399.8	130.2	269.6
Acre-feet								2,011			2,004		901				793	
Priority Diverted								1,725			877		4				258	
Apport Diverted								286			1,127		896				535	
Apport diverted to date								286			1,413		2,309				2,844	
TBI acreage		51.15			1,204.35			2,941.07			3,169.17		3,205.07				3,220.37	
Apportioned		346			8,141			10,529			11,346		11,474				11,629	
Duty								0.68			0.63		0.28				0.25	

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	16.6	13.8	2.8	16.4	16.4		16.7	14.9	1.8							20.6	20.6		
2	17.4	14.2	3.2	15.0	12.8		10.7	10.7								20.5	20.5		
3	15.2	15.2		15.2	15.2		12.0	12.0								18.3	18.3		
4	14.6	14.6		23.0	23.0		16.5	16.5								20.3	20.3		
5	15.6	14.2	1.4	29.9	29.9		18.3	16.6	1.7							29.3	29.3		
6	9.5	9.5		26.8	26.8		15.2	14.6	0.6							31.3	31.3		
7	9.4	9.4		38.1	38.1		17.8	13.8	4.0							31.4	31.4		
8	12.7	12.7		40.2	40.2											30.9	30.9		
9	13.2	12.8	0.4	36.4	36.4											30.5	30.5		
10	13.7	13.0	0.7	34.4	34.4											30.4	30.4		
11	13.4	12.0	1.4	37.3	37.3											30.4	30.4		
12	12.6	7.7	4.9	39.2	39.2								13.5	13.5		31.1	31.1		
13	10.6	10.6		38.5	38.5								12.5	12.5		31.1	31.1		
14	11.4	7.7	3.7	37.7	37.7								12.5	12.5		31.1	31.1		
15	11.8	9.4	2.4	37.4	37.4								12.5	12.5		31.1	31.1		
16	11.5	1.6	9.6	36.2	36.2								12.5	12.5		31.1	31.1		
17	11.9	11.9		31.6	31.6								12.3	12.3		22.2	22.2		
18	12.6		12.6	25.3	19.7	5.6							12.4	12.4		17.9	17.9		
19	14.1	4.2	9.9	20.7	19.7	1.0							12.6	12.6		4.9	4.9		
20	13.9	4.2	9.7	18.1	18.1								18.1	18.1					
21	13.8	13.0	0.8	17.4	16.6	0.8							20.9	20.9					
22	15.3	15.3		16.9	16.9								20.8	20.8					
23	13.3	13.3		15.8	15.8								21.3	21.3					
24	10.9	10.9		17.3	14.6	2.7							21.5	21.5					
25	13.9	9.4	4.5	15.7	15.7								21.2	21.2					
26	13.2	12.8	0.4	16.7	16.7								20.6	20.6					
27	12.7	7.7	5.0	15.8	14.9	0.9							19.6	19.6					
28	22.7	9.4	13.3	16.0	14.6	1.4							19.1	19.1					
29	17.9	14.6	3.3	16.4	14.6	1.8							20.1	20.1					
30	21.3	4.2	17.1	15.3	14.9	0.4							20.6	20.6					
31	21.3	21.3		16.0	14.2	1.8													
Total	438.0	330.9	107.1	776.7	758.1	18.6	107.2	99.1	8.1				324.6	324.6		494.4	494.4		
Acre-feet		869			1,541			213						644			981	9,955	
Priority Diverted		656			1,504			197						644			981	6,846	
Apport Diverted		212			37			16										3,109	
Apport diverted to date		3,056			3,093			3,109						3,109			3,109	3,109	
TBI acreage		3,222.37			0.32			3,222.37			3,109			3,259.66			3,259.66	3,259.66	
Apportioned		11,536			11,536			11,536			11,670			11,670			11,670	11,670	
Duty		0.27			0.48			0.07						0.20			0.30	3.05	

2016

UNION CANAL: 7,220.84 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							11.4	11.4		50.7	30.2	20.5	39.5	2.1	37.4	15.7		15.7
2							12.5	12.5		52.1	29.0	23.1	39.5		39.5	18.5		18.5
3							12.7	12.7		52.1	17.7	34.4	39.9		39.9	17.4		17.4
4							12.7	12.7		52.1	21.9	30.2	40.2		40.2	16.6		16.6
5							12.7	12.7		52.1	29.0	23.1	35.5		35.5	12.7		12.7
6							12.7	12.7		52.1	17.7	34.4	30.5		30.5	10.9		10.9
7							12.7	12.7		52.1	10.2	41.9	28.9		28.9	10.9		10.9
8							45.4	45.4		51.6	9.5	42.0	26.9		26.9	10.9		10.9
9							47.5	47.2	0.3	51.0	21.9	29.1	23.0		23.0	10.9		10.9
10							47.5	47.5		51.0	39.5	11.5	24.8		24.8	10.9		10.9
11							47.5	47.2	0.3	51.0	40.8	10.2	28.8		28.8	10.9		10.9
12							47.5	47.2	0.3	51.0	38.6	12.4	28.8		28.8	10.9		10.9
13							47.5	45.9	1.6	51.0	14.5	36.5	23.0		23.0	10.9		10.9
14							47.5	46.7	0.8	51.0	33.6	17.4	19.2		19.2	10.9	8.9	2.0
15							47.5	47.2	0.3	51.0	40.8	10.2	19.2		19.2	10.9	4.2	6.7
16							47.5	38.6	8.9	51.0	28.8	24.4	19.2		19.2	10.9	8.9	2.0
17							47.5	46.7	0.8	51.0	39.7	11.3	19.2		19.2	10.1	4.2	5.9
18							47.5	38.1	9.4	51.0	49.7	1.3	27.1		27.1	8.3	8.3	
19							47.5	47.1	0.4	51.0	41.0	10.0	34.2		34.2	7.8	7.4	0.4
20							47.5	47.2	0.3	51.0	40.3	10.7	36.4		36.4	7.8	5.2	2.6
21							47.5	47.5		45.3	30.2	15.1	32.7		32.7	7.8	2.2	5.6
22							47.5	47.2	0.3	41.6	29.0	12.6	27.5		27.5	7.8	4.2	3.6
23							47.5	45.9	1.6	41.2	9.5	31.7	26.3		26.3	7.8	4.2	3.6
24							47.5	37.3	10.2	41.0	7.8	33.2	26.3		26.3	7.8		7.8
25							47.5	45.5	2.0	41.0	2.0	39.0	24.1		24.1	7.8	4.2	3.6
26							47.5	35.4	12.1	40.9	6.4	34.5	23.7		23.7	7.8	5.2	2.6
27							47.5	27.7	19.8	40.0		40.0	18.9		18.9	7.8	5.2	2.6
28							47.5	34.0	13.5	39.5	2.7	36.8	17.5		17.5	7.8	5.2	2.6
29							47.5	30.8	16.7	39.5		39.5	17.5		17.5	7.8	7.4	0.4
30							47.5	26.6	20.9	39.5		39.5	17.5		17.5	15.7	7.4	8.3
31							47.5	27.7	19.8				16.1		16.1			
Total							1225.3	1085.0	140.3	1436.3	679.8	756.5	833.9	2.1	831.8	320.7	92.3	228.4
Acre-feet										2,430		2,849		1,654		636		
Priority Diverted										2,152		1,348		4		183		
Apport Diverted										278		1,501		1,650		453		
Apport diverted to date										278		1,779		3,429		3,882		
TBI acreage		191.03			191.03			3,817.75		4,165.05		4,511.35		4,779.85		4,779.85		
Apportioned		1,291			1,291			13,668		14,911		16,151		17,112		17,112		
Duty								0.64		0.64		0.37		0.37		0.13		

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	15.6	11.7	3.9	42.6	42.6		34.7	25.1	9.6							25.0	25.0		
2	19.0	16.6	2.4	42.6	8.9	33.7	40.7	33.3	7.4							25.0	25.0		
3	34.2	34.2		42.6	42.6		44.3	38.6	5.7							25.0	25.0		
4	42.6	42.6		45.4	45.4		44.3	44.3								25.0	25.0		
5	25.2	16.6	8.6	54.7	54.7		44.3	34.7	9.6							25.0	25.0		
6	7.6	7.6		59.7	59.7		44.3	20.3	24.0							25.0	25.0		
7	8.8	8.8		59.7	59.7		20.3	11.7	8.6							25.0	25.0		
8	13.5	8.9	4.6	59.8	59.8											20.0	20.0		
9	11.7	8.9	2.8	59.7	59.1	0.6										17.5	17.5		
10	11.2	10.9	0.3	59.7	59.7											17.5	17.5		
11	11.1	7.4	3.7	59.7	59.7											17.5	17.5		
12	11.1	5.2	5.9	59.7	59.0	0.7							24.0	24.0		17.5	17.5		
13	9.7	7.4	2.3	59.7	59.7								25.0	25.0		17.5	17.5		
14	7.8	5.2	2.6	59.7	59.1	0.6							25.0	25.0		17.5	17.5		
15	7.4	7.3	0.1	59.7	59.7								25.0	25.0		17.5	17.5		
16	7.4	2.2	5.2	59.7	59.7								25.0	25.0		17.5	17.5		
17	7.4	7.4		52.0	48.3	3.7							25.0	25.0		17.5	17.5		
18	7.4		7.4	46.9	46.3	0.6							25.0	25.0		17.5	17.5		
19	7.4	3.1	4.3	45.3	45.3								25.0	25.0		17.5	17.5		
20	9.6	3.1	6.7	44.3	44.3								25.0	25.0		17.2	17.2		
21	10.4	10.4		44.3	34.7	9.6							25.0	25.0		17.7	17.7		
22	11.4	11.4		44.3	44.3								25.0	25.0		18.0	18.0		
23	11.7	11.7		44.3	44.3								25.0	25.0		17.2	17.2		
24	11.7	10.9	0.8	38.2	20.3	17.9							25.0	25.0		16.9	16.9		
25	11.7	7.3	4.4	34.7	34.7								25.0	25.0		17.3	17.3		
26	11.7	8.9	2.8	34.7	34.7								25.0	25.0		17.0	17.0		
27	11.7	5.2	6.5	34.7	25.1	9.6							25.0	25.0		16.9	16.9		
28	36.1	7.3	28.8	34.7	20.3	14.4							25.0	25.0		16.8	16.8		
29	41.2	20.3	20.9	34.7	20.3	14.4							25.0	25.0		16.7	16.7		
30	43.8	3.1	40.7	34.7	25.1	9.6							25.0	25.0		5.8	5.8		
31	42.6	42.6		34.7	16.6	18.1													
Total	519.9	354.2	165.7	1487.2	1353.7	133.5	272.9	208.0	64.9				474.0	474.0		565.0	565.0		
Acre-feet		1,031			2,950			541					940		1,121				14,164
Priority Diverted		703			2,685			413					940		1,121				9,549
Apport Diverted		329			265			129											4,605
Apport diverted to date		4,211			4,476			4,605		4,605		4,605		4,605		4,605			4,605
TBI acreage		4,779.85			0.34			4,779.85		4,883.50		4,883.50		4,883.50		4,883.50			4,883.50
Apportioned		17,112			17,112			17,112		17,483		17,483		17,483		17,483			17,483
Duty		0.22			0.62			0.11					0.19		0.23				2.90

2016

GRAHAM CANAL: 4,217.68 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							22.9	22.9		40.4	9.1	31.3	15.0					
2							38.7	38.7		39.8	8.6	31.2	15.0					
3							36.5	38.5		39.5	4.0	35.5	15.0					
4							38.4	38.4		39.5	5.1	34.4	12.8					
5							38.2	38.2		39.0	8.6	30.4	11.1					
6							37.9	37.9		37.4	4.0	33.4	9.8					
7							37.0	37.0		35.0	2.6	33.3	8.6					
8							39.6	38.4	1.2	35.3	1.7	33.6	7.4					
9							40.6	38.4	2.2	36.2	5.1	31.1	7.3					
10							40.6	40.6		35.2	15.3	19.9	6.7					
11							40.3	38.4	1.9	35.9	20.7	15.2	5.7					
12							40.0	38.4	1.6	32.7	13.7	19.0	3.4					
13							40.1	33.1	7.0	26.2	3.9	22.3						
14							40.4	36.1	4.3	18.5	10.5	8.0						
15							40.1	38.4	1.7	16.5	16.5							
16							39.7	29.4	10.3	16.5	7.8	8.7						
17							40.1	36.1	4.0	16.5	15.7	0.8						
18							40.2	27.1	13.1	16.5	16.5							
19							40.0	36.3	3.7	16.5	16.5							
20							39.5	38.4	1.1	16.5	16.1	0.4						
21							39.4	39.4		16.5	9.1	7.4						
22							39.9	38.4	1.5	16.5	8.6	7.9						
23							40.3	33.1	7.2	16.5	1.7	14.8						
24							41.4	18.0	23.4	16.5	1.4	15.1						
25							41.1	30.4	10.7	16.5		16.5						
26							40.6	13.7	26.9	16.5	0.7	15.8						
27							40.2	9.1	31.1	13.8		13.8						
28							40.2	11.4	28.8	13.8	0.3	13.5						
29							40.7	10.5	30.2	13.8		13.8						
30							40.9	8.6	32.3	13.8		13.8						
31							40.6	9.1	31.5									
Total							1219.0	943.3	275.7	744.7	223.8	520.9	117.8			117.8		
Acre-feet								2416			1477		234					
Priority Diverted								1871			444							
Apport Diverted								547			1033		234					
Apport diverted to date								547			1580		1814					1814
TBI acreage		0.30			0.30			3309.14			3319.64		3402.84					3402.84
Apporioned Duty		2			2			11847			11884		12182					12182
								0.73			0.44		0.07					

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				8.6	8.6		9.7	5.3	4.4										
2				8.0	1.5	6.5	11.4	8.8	2.6										
3				9.5	9.5		12.7	10.8	1.9										
4				10.7	10.7		12.1	12.1											
5				10.8	10.8		12.1	9.4	2.7										
6				19.1	19.1		10.1	4.1	6.0										
7	4.0	1.7	2.3	21.9	21.9		4.8	2.7	2.1										
8	3.4	1.5	1.9	28.6	28.6														
9	2.3	1.5	0.8	34.5	34.5														
10	2.0	1.7	0.3	32.8	32.8														
11	2.0	0.9	1.1	36.2	36.2														
12	1.6	0.6	1.0	36.7	36.7														
13	0.4	0.4		35.7	35.7														
14	1.8	0.6	1.2	33.1	33.1														
15				29.6	29.6														
16				25.3	25.3														
17				20.4	20.4														
18				20.1	16.5	3.6													
19	1.3	0.3	1.0	16.8	16.5	0.3													
20	4.9	0.3	4.6	14.8	14.1	0.7													
21	6.3	1.7	4.6	17.3	9.4	7.9													
22	8.0	8.0		13.6	13.6														
23	3.5	3.5		11.4	11.4														
24	4.0	1.7	2.3	9.9	4.1	5.8													
25	21.1	0.7	20.4	17.2	11.7	5.5													
26	28.0	1.5	26.5	15.0	15.0														
27	8.6	0.6	8.0	13.6	5.3	8.3													
28	8.9	0.7	8.2	10.5	4.1	6.4													
29	8.9	4.1	4.8	9.2	4.1	5.1													
30	8.7	0.3	8.4	9.2	5.3	3.9													
31	8.6	8.6		9.2	4.0	5.2													
Total	138.3	40.9	97.4	589.3	530.1	59.2	72.9	53.2	19.7							146.2	146.2		
Acre-feet		274			1169			145									290		6006
Priority Diverted		81			1051			106									290		3843
Apport Diverted		193			117			39											2163
Apport diverted to date		2007			2124			2163											2163
TBI acreage		3406.64			0.19			3406.64			2163		3449.65		3449.65		3449.65		3,449.65
Apporioned Duty		12196			12196			12196			12350		12350		12350		12350		12350
Duty		0.08			0.34			0.04									0.08		1.74

Diversion from North side of Gila River in NW 1/4 NE 1/4, Sec. 8, T. 75, R. 26E. Waterstage recorder and 8 ft Parshall flume located in SW 1/4 SW 1/4, Sec. 4, T. 75, R. 26E.

Record Good

2016

SMITHVILLE CANAL: 2,428.63 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							22.5	22.5		22.3	14.7	7.6	20.7						
2							23.3	23.3		22.1	13.3	8.8	16.7						
3							23.0	23.0		20.7	11.0	9.7	14.6						
4							23.5	23.5		19.4	11.9	7.5	10.7						
5							23.5	23.5		19.3	13.3	6.0	14.0						
6							23.4	23.4		16.0	11.0	5.0	10.4						
7							23.5	23.5		13.9	6.7	5.2	10.4						
8							23.5	22.8	0.7	11.9	6.3	5.6	10.6						
9							23.5	22.8	0.7	21.1	11.9	9.2	9.3						
10							23.5	23.5		21.5	16.6	5.7	6.5			3.0		3.0	
11							23.5	22.8	0.7	21.1	16.9	4.2	17.4			17.4	10.3	10.3	
12							22.9	22.8	0.1	19.5	15.6	3.9	9.6			9.6	8.8	8.8	
13							22.6	22.6		21.7	10.2	11.5	8.5			8.5	7.0	7.0	
14							23.0	22.7	0.3	21.5	14.7	6.8	8.2			8.2	7.2	3.4	
15							23.3	22.8	0.5	19.7	16.9	2.8	8.1			8.1	7.5	7.5	
16							22.9	19.4	3.5	18.5	12.6	5.9	8.1			8.1	8.8	3.4	
17							22.4	22.4		18.2	15.8	2.4	4.7			4.7	8.8	8.8	
18							22.8	19.4	3.4	15.5	15.5		3.7			3.7	9.4	6.3	
19				15.8	16.8		23.2	22.7	0.5	13.9	13.9					7.7	7.7	7.7	
20				21.7	21.7		23.1	22.6	0.3	9.2	9.2					3.7	3.7	3.7	
21				21.3	21.3		23.2	23.2		9.7	9.7					3.4	3.4	3.4	
22				20.1	20.1		23.0	22.8	0.2	13.8	13.3	0.5				2.4	2.4	2.4	
23				19.2	19.2		23.4	22.7	0.7	8.6	6.3	2.3				4.0	4.0	4.0	
24				18.3	18.3		23.5	15.9	7.6	8.5	3.4	5.1				5.7	5.7	5.7	
25					18.6		23.2	21.1	2.1	6.8		6.8				5.5	5.5	5.5	
26				21.7	21.7		23.0	15.5	7.5	6.1		6.1				4.4	4.4	4.4	
27				21.7	21.7		21.4	14.6	6.8	12.6		12.6				5.3	5.3	5.3	
28				20.1	20.1		22.5	15.5	7.1	22.0		22.0				5.0	5.0	5.0	
29				21.2	21.2		22.5	14.6	7.9	18.8		18.8				6.4	6.4	6.4	
30							23.3	13.2	10.1	21.0		21.0				12.3		12.3	
31							23.2	14.6	8.6										
Total				220.7	220.7		715.2	645.9	69.3	494.9	291.9	203.0	198.7			198.7	136.7	13.1	123.6
Acre-feet						438			1419			982			394			271	
Priority Diverted						438			1281			579						26	
Apport Diverted									137			403			394			245	
Apport diverted to date									137			540			934			1179	
TBI acreage	1453.79					1795.59			1880.19			1895.89			1895.89			1898.39	
Apportioned	9828					12138			6731			6787			6787			6796	
Duty						0.24			0.75			0.52			0.21			0.14	

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	11.5	8.8	2.7	12.0	12.0		16.3	11.9	4.4										
2	2.9	2.9		12.5	3.5	9.0	16.0	13.4	2.6										
3	12.1	12.1		12.5	12.5		12.9	12.9											
4	12.3	12.3		12.5	12.5		10.9	10.9											
5	9.3	9.3		12.5	12.5		8.2	8.2											
6	4.8	4.8		12.5	12.5		5.0	5.0											
7	2.7	2.7		12.4	12.4		8.5	8.5											
8	2.0	2.0		11.6	11.6		4.2	4.2											
9	4.9	3.5	1.4	12.2	12.2														
10	4.1	4.1		11.4	11.4														
11	4.0		4.0	11.9	11.9														
12	3.9		3.9	12.1	12.1														
13	4.3		4.3	12.1	12.1														
14	4.7		4.7	12.0	12.0														
15	6.3		6.3	11.1	11.1														
16	6.1		6.1	10.3	10.3														
17	5.5		5.5	9.8	9.8														
18	5.6		5.6	9.5	9.5														
19	6.6		6.6	10.1	10.1														
20	11.1		11.1	10.8	10.8														
21	10.3	6.4	3.9	10.3	10.3														
22	8.5	8.5		9.1	9.1														
23	5.8	5.8		5.6	5.6														
24	5.8	5.8		2.7	2.7														
25	6.1		6.1	10.2	10.2														
26	5.6	3.5	2.1	10.2	10.2														
27	4.0		4.0	10.0	10.0														
28	8.5		8.5	9.2	9.2														
29	10.4	10.4		9.5	9.5														
30	4.2		4.2	9.5	9.5														
31	11.5	11.5		10.9	10.3	0.6													
Total	205.4	114.4	91.0	329.0	319.4	9.6	82.0	75.0	7.0										
Acre-feet		407			653			163											4,726
Priority Diverted		227			634			149											3,334
Apport Diverted		180			19			14											1,392
Apport diverted to date		1359			1378			1392			1392			1392			1392		1,392
TBI acreage	1906.49				0.21			1906.49			1908.27			1908.27			1908.27		1,908.27
Apportioned	6825				6825			6825			6832			6832			6832		6832
Duty		0.21			0.34			0.09											2.48

Diversion from South side of Gila River in NE 1/4 NW 1/4, Sec. 1, T. 7S, R. 25E. Water-stage recorder and 8 ft Parshall flume located in NW 1/4 SW 1/4, Sec. 36, T. 6S, R. 25E, which measures combined flow of Smithville and Dodge-Nevada Canals. Segregatio

Record Good

2016

DODGE-NEVADA CANAL: 2,516.54 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							24.2	24.2		25.1	8.9	10.2	6.9		6.9			
2							24.8	24.8		25.1	8.0	17.1	6.9		6.9			
3							25.1	25.1		25.1	5.3	19.8	6.9		6.9			
4							25.1	25.1		25.1	6.2	18.9	6.9		6.9			
5							25.1	25.1		25.1	8.0	17.1	6.9		6.9			
6							25.1	25.1		25.1	5.3	19.8	6.0		6.0			
7							25.1	25.1		25.1	3.5	21.8	5.8		5.8			
8							25.1	22.1	3.0	25.1	2.6	22.5	5.6		5.6			
9							25.1	22.1	3.0	17.9	6.2	11.7	5.6		5.6			
10							25.1	25.1		14.2	11.5	2.7	5.2		5.2	1.5		1.5
11							25.1	22.1	3.0	20.5	11.9	8.6	6.5		6.5	4.9		4.9
12							25.1	22.1	3.0	24.3	11.2	13.1	7.1		7.1	3.5		3.5
13							25.1	14.2	10.9	24.3	4.4	19.9	7.1		7.1	2.9		2.9
14							25.1	14.2	10.9	24.3	9.8	14.5	7.1		7.1	3.0	1.5	1.5
15							25.1	22.1	3.0	24.3	11.8	12.5	7.1		7.1	3.0		3.0
16							25.1	12.8	12.3	24.3	7.1	17.2	7.1		7.1	3.7	1.5	2.2
17							25.1	14.2	10.9	24.3	11.5	12.8	7.1		7.1	3.7		3.7
18							25.1	12.6	12.5	24.3	12.8	11.5	7.1		7.1	4.0	2.6	1.4
19				19.2	19.2		25.1	19.4	5.7	24.3	12.5	11.8	3.3		3.3	3.0	1.0	2.0
20				24.2	24.2		25.1	22.1	3.0	24.3	11.5	12.8			1.8	0.7		1.1
21				24.2	24.2		25.1	25.1		14.7	8.9	5.8			1.8			1.8
22				24.2	24.2		25.1	22.1	3.0	10.1	8.0	2.1			1.5			1.5
23				24.2	24.2		25.1	14.2	10.9	10.1	2.6	7.5			1.8			1.8
24				24.2	24.2		25.1	11.5	13.6	10.1	1.5	8.6			2.6			2.6
25				24.2	24.2		25.1	12.8	12.3	10.1		10.1			2.6			2.6
26				24.2	24.2		25.1	11.2	13.9	10.1	0.8	9.3			2.0	0.7		1.3
27				24.2	24.2		25.1	8.9	16.2	7.8		7.8			2.3	0.7		1.6
28				24.2	24.2		25.1	10.7	14.4	6.9		6.9			2.0	0.7		1.3
29				24.2	24.2		25.1	9.8	15.3	6.9		6.9			2.9	1.0		1.9
30							25.1	8.0	17.1	6.9		6.9			6.9	1.0		5.9
31							25.1	8.9	16.2									
Total				261.2	261.2		776.9	562.8	214.1	565.8	191.8	374.0	122.0		122.0	61.4	11.4	50.0
Acre-feet					518			1,541			1,122			242			122	
Priority Diverted					518			1,116			380						23	
Apport Diverted								425			742			242			98	
Appor diverted to date								425			1,167			1,409			1,508	
TBI acreage		1,937.72			1,992.82			2,011.52			2,011.52			2,011.52			2,011.52	
Apportioned		13,099			13,471			7,201			7,201			7,201			7,201	
Duty					0.26			0.77			0.56			0.12			0.06	

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	6.9	3.5	3.4	8.5	8.5		5.0	5.0											
2	6.9	4.4	2.5	11.3	1.5	9.8	8.5	8.1	0.4										
3	8.8	8.8		10.8	10.8		10.7	9.9	0.8										
4	9.0	9.0		12.9	12.9		10.3	10.3											
5	6.9	4.4	2.5	12.9	12.9		10.3	9.0	1.3							10.2	10.2		
6	6.9	5.3	1.6	13.2	13.2		10.9	5.3	5.6							17.6	17.6		
7	6.9	2.6	4.3	12.5	12.5		4.8	3.6	1.2							16.9	13.0	3.9	
8	6.2	1.5	4.7	12.5	12.5		0.2	0.2								16.8	16.8		
9	2.7	1.5	1.2	12.5	12.5											16.6	16.6		
10	2.5	2.5		12.5	12.5											16.0	16.0		
11	2.5	1.0	1.5	12.5	12.5											16.0	16.0		
12	2.5	0.7	1.8	12.5	12.5											15.9	15.9		
13	2.2	1.0	1.2	12.5	12.5											15.5	15.5		
14	2.5	0.7	1.8	12.5	12.5											15.2	15.2		
15	4.1	0.8	3.3	12.5	12.5											15.2	15.2		
16	4.0		4.0	12.5	12.5											15.2	15.2		
17	3.4	1.0	2.4	12.5	12.5											14.7	14.7		
18	3.5		3.5	12.5	11.5	1.0										14.5	14.5		
19	4.4		4.4	11.7	11.5	0.2										14.5	14.5		
20	6.8		6.8	11.2	11.2											14.5	14.5		
21	6.4	2.6	3.8	11.2	8.9	2.3										14.5	14.5		
22	5.2	5.2		11.2	11.2											14.5	14.5		
23	3.4	3.4		11.2	11.2											12.9	12.9		
24	2.6	2.6		7.4	5.3	2.1										13.8	13.8		
25	2.6	0.8	1.8	10.4	10.4											15.5	15.5		
26	2.6	1.5	1.1	8.9	8.9											15.0	15.0		
27	2.4	0.7	1.7	8.9	6.2	2.7										15.6	15.6		
28	6.6	0.8	5.8	8.9	5.3	3.6										16.8	16.8		
29	11.9	5.3	6.6	8.9	5.3	3.6										17.0	17.0		
30	11.2		11.2	7.6	6.2	1.4										8.4	8.4		
31	11.2	11.2		7.7	4.4	3.3													
Total	165.7	82.8	82.9	344.8	314.8	30.0	60.7	51.4	9.3							389.3	385.4	3.9	
Acre-feet		329			684			120									772		5,449
Priority Diverted		164			624			102									764		3,691
Apport Diverted		164			60			18									8		1,758
Appor diverted to date		1,672			1,732			1,750			1,750			1,750			1,758		1,758
TBI acreage		2,011.52			0.20			2,037.32			2,049.82			2,049.82			2,049.82		2,049.82
Apportioned		7,201			7,201			7,294			7,338			7,338			7,338		7,338
Duty		0.16			0.34			0.06									0.38		2.66

2016

CURTIS CANAL: 1,971.70 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							18.6	18.6		19.5	15.2	4.3	15.8		15.8	16.1		16.1
2							12.4	12.4		19.4	14.7	4.7	15.7		15.7	14.0		14.0
3							11.9	11.9		19.4	10.4	9.0	14.3		14.3	10.9		10.9
4							12.2	12.2		19.4	12.5	6.9	12.9		12.9	10.3		10.3
5							11.9	11.9		19.5	14.7	4.8	17.6		17.6	8.4		8.4
6							11.5	11.5		19.4	10.4	9.0	15.6		15.6	8.3		8.3
7							12.8	12.8		19.3	1.1	18.2	15.0		15.0	10.1		10.1
8							16.3	16.3		19.4	0.3	19.1	17.4		17.4	10.0		10.0
9							19.7	19.3	0.4	19.3	12.5	6.8	13.3		13.3	8.5		8.5
10							19.8	19.8		19.3	16.5	2.8	13.6		13.6	6.2		6.2
11							19.6	19.3	0.5	19.3	16.5	2.8	17.4		17.4	11.3		11.3
12							19.6	19.3	0.5	19.5	16.5	3.0	16.6		16.6	16.0		16.0
13							19.1	19.1		19.7	3.9	15.8	14.0		14.0	15.9		15.9
14							19.7	19.3	0.4	18.4	16.1	2.3	12.5		12.5	15.5		15.5
15							19.8	19.3	0.5	18.3	16.5	1.8	12.7		12.7	15.4		15.4
16							19.6	18.8	1.0	18.4	13.6	4.8	13.2		13.2	14.8		14.8
17							18.9	18.9		18.2	16.5	1.7	14.5		14.5	14.9		14.9
18							19.6	18.7	0.9	17.6	17.6		18.3		18.3	14.7	0.3	14.4
19							19.7	19.3	0.4	17.4	16.6	0.8	17.0		17.0	13.8		13.8
20							19.7	19.3	0.4	16.6	16.5	2.1	17.8		17.8	11.5		11.5
21							19.3	19.3		18.8	15.2	3.6	18.0		18.0	10.5		10.5
22							19.6	19.3	0.3	18.9	14.7	4.2	18.7		18.7	14.9		14.9
23							19.6	19.3	0.5	18.9	0.3	18.6	18.3		18.3	11.8		11.8
24							19.8	16.4	3.4	18.4		18.4	15.1		15.1	11.7		11.7
25							18.1	18.1		17.4		17.4	15.2		15.2	11.9		11.9
26							18.5	16.4	2.1	16.8		16.8	14.8		14.8	11.3		11.3
27							19.8	15.1	4.7	16.3		16.3	13.2		13.2	11.2		11.2
28							19.8	16.4	3.4	14.1		14.1	10.8		10.8	11.3		11.3
29							19.8	16.1	3.7	17.3		17.3	19.5		19.5	11.1		11.1
30							19.5	14.6	4.9	16.4		16.4	18.5		18.5	12.7		12.7
31							19.5	15.1	4.4				18.3		18.3			
Total							556.5	524.1	32.4	552.6	288.8	263.8	485.6		485.6	365.0	0.3	364.7
Acre-feet									1,104			1,096			963			724
Priority Diverted									1,040			573						1
Apport Diverted									64			523			963			723
Apport diverted to date									64			587			1,550			2,273
TBI acreage		4.44			4.44			1,583.54			1,590.34			1,592.74			1,592.74	
Apportioned		30			30			5,669			5,693			5,702			5,702	
Duty								0.70			0.69			0.60			0.45	

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	14.9	1.1	13.8	17.0	16.5	0.5	14.1	12.5	1.6				6.2	6.2					
2	14.5	3.9	10.6	16.1		16.1	15.9	14.7	1.2				6.2	6.2					
3	16.2	16.2		15.7	15.7		16.2	16.2					6.0	6.0					
4	14.5	14.5		17.6	17.6		15.9	15.9					6.8	6.8					
5	12.9	3.9	9.0	17.7	17.7		15.7	15.2	0.5				8.5	8.5					
6	10.8	10.4	0.4	18.5	18.5		13.9	10.4	3.5				8.5	8.5					
7	12.5	0.3	12.2	17.9	17.9		14.2	1.1	13.1				8.5	8.5					
8	16.1		16.1	18.3	18.3								8.5	8.5					
9	15.0		15.0	17.4	17.4								8.5	8.5					
10	15.3	0.3	15.0	17.3	17.3								8.5	8.5					
11	14.4		14.4	17.1	17.1														
12	13.2		13.2	18.2	18.2														
13	11.6		11.6	19.1	19.1														
14	8.9		8.9	18.6	18.6														
15	8.9		8.9	18.1	18.1														
16	9.1		9.1	17.3	17.3														
17	12.7		12.7	16.5	16.5														
18	13.8		13.8	15.5	15.5														
19	10.0		10.0	14.7	14.7														
20	17.0		17.0	13.6	13.6					3.0	3.0					3.9	3.9		
21	18.8	0.3	18.5	11.9	11.9					6.0	6.0					7.2	7.2		
22	16.6	13.6	3.0	11.7	11.7					6.2	6.2					6.7	6.7		
23	12.3	3.9	8.4	10.6	10.6					6.3	6.3					6.0	6.0		
24	12.0	0.3	11.7	11.6	10.4	1.2				6.4	6.4					5.9	5.9		
25	11.0		11.0	17.9	16.5	1.4				6.4	6.4					5.9	5.9		
26	10.8		10.8	17.4	17.4					6.4	6.4					5.7	5.7		
27	11.3		11.3	17.0	12.5	4.5				6.4	6.4					5.7	5.7		
28	13.7		13.7	16.2	10.4	5.8				6.4	6.4					2.8	2.8		
29	19.8	10.4	9.4	13.2	10.4	2.8				6.3	6.3					1.2	1.2		
30	14.3		14.3	14.2	12.5	1.7				6.2	6.2					8.4	8.4		
31	16.9	16.9		13.9	3.9	10.0				6.2	6.2					10.9	10.9		
Total	419.7	96	323.7	498.0	454	44	105.8	86	19.9	72.2	72.2		67.7	67.7		70.3	70.3		
Acre-feet		832			988			210			143			134			139		6,333
Priority Diverted		190			901			171			143			134			139		3,292
Apport Diverted		642			87			39											3,041
Apport diverted to date		2,915			3,002			3,041			3,041			3,041			3,041		3,041
TBI acreage		1,595.14			0.19			1,595.14			1,595.14			1,595.14			1,595.14		1,695.14
Apportioned		5,711			5,711			5,711			5,711			5,711			5,711		5,711
Duty		0.52			0.62			0.13			0.09			0.08			0.09		3.97

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

Record Good

2016

FT. THOMAS CANAL: 2,624.30 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							15.1	15.1		14.6	2.5	12.1	0.2		0.2	5.5		5.5
2							15.1	15.1		14.7	2.4	12.3	2.6		2.6	4.8		4.8
3				1.1	1.1		14.6	14.6		14.4	1.9	12.5	7.3		7.3	5.1		5.1
4				1.1	1.1		14.4	14.4		14.2	1.9	12.3	3.8		3.8	2.6		2.6
5				1.1	1.1		14.6	14.6		14.0	2.4	11.6						
6				1.1	1.1		14.7	14.7		13.5	1.9	11.6						
7				1.1	1.1		14.7	14.7		13.0	0.7	12.3						
8				1.1	1.1		14.6	14.0	0.6	13.3	0.5	12.8				3.1		3.1
9				1.1	1.1		14.7	14.0	0.7	13.3	1.9	11.4				2.5		2.5
10				1.1	1.1		14.8	14.8		12.1	2.7	9.4	3.6		3.6	4.1		4.1
11				1.1	1.1		15.0	14.0	1.0	14.3	7.7	6.6	5.4		5.4	5.3		5.3
12				1.2	1.2		14.7	14.0	0.7	14.1	2.7	11.4	6.2		6.2	5.1		5.1
13				1.2	1.2		14.9	12.5	2.4	13.7	1.2	12.5	3.9		3.9	4.9		4.9
14				1.2	1.2		15.4	12.8	2.6	13.8	2.7	11.1	3.8		3.8	4.7	0.5	4.2
15				1.2	1.2		15.4	14.0	1.4	14.0	6.7	7.3	2.2		2.2	4.8	0.2	4.4
16				7.6	7.6		15.2	11.0	4.2	14.2	2.4	11.6	4.0		4.0	4.3	0.5	3.8
17				5.0	5.0		13.8	12.8	0.8	14.1	3.8	10.3	3.8		3.8	1.3	0.2	1.1
18				7.2	7.2		14.2	11.0	3.2	13.3	11.3	2.0	2.3		2.3			
19				9.4	9.4		13.0	13.0		12.3	10.7	1.6	4.1		4.1			
20				7.4	7.4		12.6	12.6		12.2	3.8	8.4	3.7		3.7	0.6	0.5	0.1
21				9.4	9.4		11.8	11.8		12.2	2.5	9.7	1.0		1.0	0.3		0.3
22				12.8	12.8		13.8	13.8		12.2	2.4	9.8	0.2		0.2			
23				14.0	14.0		15.2	12.7	2.5	11.7	0.5	11.2	5.4		5.4	2.4	0.2	2.2
24				13.0	13.0		15.3	4.0	11.3	10.0	0.5	9.5	5.9		5.9	5.2		5.2
25				12.7	12.7		14.1	11.0	3.1	9.5		9.5	3.6		3.6	3.9	0.2	3.7
26				9.7	9.7		11.8	2.7	9.1	9.4	0.5	8.9	3.2		3.2	5.6	0.5	5.1
27				8.6	8.6		13.5	2.5	11.0	9.2		9.2	4.1		4.1	4.4	0.5	3.9
28				8.4	8.4		14.7	2.7	12.0	9.2		9.2	4.0		4.0	4.7	0.5	4.2
29				12.4	12.4		14.8	2.7	12.1	9.4		9.4	5.5		5.5	6.2	0.5	5.7
30							14.9	2.4	12.5	3.6		3.6	8.1		8.1	6.8	0.5	6.3
31							14.7	2.5	12.2				7.9		7.9			
Total				152.3	152.3		445.9	342.5	103.4	369.5	78.2	291.3	105.8		105.8	88.0	4.8	93.2
Acre-feet						302			884			733			210			194
Priority Diverted						302			679			155						10
Apport Diverted									205			578			210			185
Apport diverted to date									205			783			993			1178
TBI acreage	1124.34			1159.14			1231.84			1231.84			1235.84			1235.84		
Apportioned	7601			7836			4410			4410			4424			4424		
Duty				0.26			0.72			0.60			0.17			0.16		

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	9.1	0.7	8.4	1.9	1.9		1.4	1.4		11.5		9.2	9.2		12.2	12.2			
2	4.5	1.2	3.3	3.0	0.5	2.5	1.4	1.4		11.6	11.6	9.2	9.2		13.9	13.9			
3				1.8	1.8		1.3	1.3		11.4	11.4	9.2	9.2		14.1	14.1			
4				8.6	8.6		2.2	2.2		11.4	11.4	6.5	6.5		14.1	14.1			
5				10.9	10.9		3.8	2.5	1.3	11.2	11.2	2.7	2.7		14.0	12.9		1.1	
6				11.3	11.3		2.3	1.9	0.4	10.7	10.7	2.6	2.6		13.7	13.7			
7				6.5	6.5		1.6	0.7	0.9	10.4	10.4	2.5	2.5		13.7	11.1		2.6	
8				12.7	12.7					10.1	10.1	2.5	2.5		13.8	13.8			
9				14.1	14.1					12.9	12.9	2.2	2.2		14.1	14.1			
10				14.6	14.6					11.8	11.6	2.0	2.0		14.1	14.1			
11	0.6	0.5	0.1	14.4	14.4					11.4	11.4	2.2	2.2		14.4	14.1		0.3	
12	0.5	0.5		15.1	13.5	2.6				11.0	11.0	11.3	11.3		14.6	14.1		0.5	
13				14.4	14.4		3.6	3.6		10.6	10.6	11.3	11.3		14.3	14.1		0.2	
14				10.3	10.3		1.3	1.3		10.4	10.4	11.3	11.3		14.2	14.2			
15				9.8	9.8		1.2	1.2		10.4	10.4	10.9	10.9		13.6	12.9		0.7	
16				10.6	10.6					10.4	10.4	11.8	11.8		13.7	13.7			
17				9.8	9.8					10.3	10.3	11.7	11.7		14.5	14.5			
18	3.6		3.6	9.5	3.8	5.7				10.1	10.1	11.4	11.4		14.7	14.7			
19	6.6		6.6	9.0	3.8	5.2				10.1	10.1	11.3	11.3		15.5	15.5			
20	9.3		9.3	4.2	2.7	1.5				9.9	9.9	11.3	11.3		15.7	15.7			
21	7.3	0.5	6.8	4.1	2.5	1.6				9.9	9.9	11.1	11.1		15.7	15.7			
22	7.9	2.4	5.5	2.5	2.5					9.9	9.9	10.4	10.4		17.8	17.8			
23	6.0	1.2	4.8	0.3	0.3					9.6	9.6	9.9	9.9		16.2	16.2			
24	4.0	0.5	3.5	2.8	1.9	0.9				9.6	9.6	9.9	9.9		13.1	13.1			
25	1.4	0.5	0.9	4.4	2.7	1.7				9.6	9.6	9.7	9.7		11.7	11.7			
26	3.3	0.5	2.8	4.3	4.3		2.3	2.3		9.6	9.6	9.3	9.3		10.1	10.1			
27	3.6	0.5	3.1	4.3	1.9	2.4	6.0	3.8	2.2	9.4	9.4	8.9	8.9		8.6	8.6			
28	2.0	0.5	1.5	4.3	1.9	2.4	8.2	8.2		9.4	9.4	9.0	9.0		7.2	7.2			
29	5.8	1.9	3.9	4.4	1.9	2.5	8.4	4.0	4.4	9.4	9.4	9.1	9.1		6.1	6.1			
30	0.2		0.2	4.2	1.9	2.3	10.6	10.6		9.4	2.7	6.7	8.8	8.8	6.0	6.0			
31	1.2	1.2		1.6	1.2	0.4				9.4	9.4				5.9	5.9			
Total	76.9	12.6	64.3	230.5	198.8	31.7	55.6	46.4	9.2	322.6	315.9	5.70	249.0	249.0	401.5	396.1	5.4		
Acre-feet			153			457			110			640			494			796	4,976
Priority Diverted			25			394			92			627			494			786	3,864
Apport Diverted			128			63			18			13						11	1,411
Apport diverted to date			1306			1369			1387			1400						1411	1,411
TBI acreage	1240.64			0.53			1240.64			1240.64			1240.64			1240.64			1,240.64
Apportioned	4441			4441			4441			4441			4441			4441			4,441
Duty			0.12			0.37			0.09			0.52			0.40			0.64	4.01

Diversions from South side of Gila River in NE 1/4 NW 1/4, Sec. 4, T. 6S, R. 24E. Water-stage recorder and 8 ft. flume located in SE 1/4 SW 1/4, Sec. 32, T. 6S, R. 24E.

Record Good

2016

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																		
Appor 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																			
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21																			
22																			
23																			
24																			
25																			
26																			
27																			
28																			
29																			
30																			
31																			
Total																			
Acre-feet																			
Priority Diverted																			
Apport Diverted																			
Appor 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

2016

SAN CARLOS APACHE TRIBE: 1,000 acres

Mean daily diversions, cubic feet per second

DAY	JAN				FEB				MAR				APR				MAY				JUN				
	Total	Black Point	Navajo Point	Anderson Flat	Total	Black Point	Navajo Point	Anderson Flat	Total	Black Point	Navajo Point	Anderson Flat	Total	Black Point	Navajo Point	Anderson Flat	Total	Black Point	Navajo Point	Anderson Flat	Total	Black Point	Navajo Point	Anderson Flat	
1					2.0			2.0																	
2					2.5			2.5																	
3					2.8			2.8																	
4					3.6			3.6																	
5					3.5			3.5																	
6					3.5			3.5																	
7					3.4			3.4																	
8					3.4			3.4																	
9					3.4			3.4																	
10					3.3			3.3																	
11					3.3			3.3	2.2	1.1			1.1												
12					3.5			3.5	3.6	1.8			1.8												
13					3.7			3.7	3.4	1.6			1.6												
14					3.8			3.8	3.4	1.6			1.6												
15					3.4			3.4	3.5	1.6			1.6												
16					3.2			3.2	3.5	1.7			1.8												
17					3.5			3.5	3.4	1.6			1.8												
18					3.4			3.4	3.5	1.7			1.8												
19					3.3			3.3	3.5	1.7			1.8												
20					3.3			3.3	3.5	1.7			1.8												
21					3.4			3.4	3.3	0.6			2.7												
22					1.4			1.4	3.5				3.5												
23									3.5				3.5												
24									3.4				3.4												
25									3.4				3.4												
26									3.4				3.4												
27									1.1				1.1												
28																									
29																									
30																									
31																									
Total					70.4			70.4	55.1	16.7			38.4												
Acres-feet Diverted to date					140			140	109	33			76												
TBI Acreage					285.2	35.2	179.0	71.0	285.2	35.2	179.0	71.0	285.2	35.2	179.0	71.0	285.2	35.2	179.0	71.0	285.2	35.2	179.0	71.0	
Duty					0.49			1.97	0.87	0.84			1.07												

DAY	JUL				AUG				SEP				OCT				NOV				DEC				Totals			
	Total	Black Point	Navajo Point	Anderson Flat	Total	Black Point	Navajo Point	Anderson Flat	Total	Black Point	Navajo Point	Anderson Flat	Total	Black Point	Navajo Point	Anderson Flat	Total	Black Point	Navajo Point	Anderson Flat	Total	Black Point	Navajo Point	Anderson Flat				
1																												
2																												
3																												
4																												
5																												
6																												
7																												
8																												
9																												
10																												
11																												
12																												
13																												
14																												
15																												
16																						1.1		1.1				
17																						2.7		2.7				
18																						2.7		2.7				
19																						2.7		2.7				
20																						2.7		2.7				
21																						2.7		2.7				
22																						3.5		3.5				
23																						3.5		3.5				
24																						3.4		3.4				
25																												
26																												
27																												
28																												
29																												
30																												
31																												
Total									12.5	12.5													1.1		1.1			
Acres-feet Diverted to date									25	25													57		57			
TBI Acreage					249	35.2	179.0	71.0	249	35.2	179.0	71.0	249	35.2	179.0	71.0	249	35.2	179.0	71.0	249	35.2	179.0	71.0	249	35.2	179.0	71.0
Duty					0.87			0.87	0.96	0.71			0.98										1.16		0.80	1.16		

2016

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	8.0	14.8	12.4	18.0	11.0	13.9	13.4	10.0	11.7	13.4	13.2	8.2
2	7.3	13.3	12.8	15.5	10.6	12.2	13.3	14.7	8.5	14.1	12.7	10.3
3	7.0	14.2	15.4	17.9	14.9	17.5	11.3	14.3	11.3	14.6	12.9	9.7
4	7.0	11.3	13.6	18.3	12.7	17.3	13.4	14.8	13.3	14.9	11.4	11.2
5	6.6	13.2	14.9	18.3	10.7	15.1	13.8	13.7	11.5	13.4	11.3	10.5
6	6.6	12.0	15.1	17.5	10.2	14.5	15.8	13.4	14.3	13.8	11.3	10.0
7	6.7	13.5	15.1	17.7	10.3	16.0	13.9	14.4	14.3	14.2	9.7	12.2
8	6.7	13.3	15.3	16.1	10.1	17.0	14.0	14.9	14.5	15.1	10.1	11.5
9	6.7	12.5	18.3	16.5	15.7	16.0	14.4	13.2	14.1	14.6	9.6	9.4
10	6.7	12.4	18.0	15.4	14.2	16.3	12.1	13.5	13.3	15.3	8.2	11.0
11	6.9	11.7	18.3	15.9	12.4	13.9	13.6	12.1	13.3	13.0	11.0	11.8
12	8.6	14.0	18.7	15.0	15.3	17.6	13.1	10.2	12.4	13.8	10.0	10.1
13	6.7	12.4	17.7	14.7	13.8	15.5	14.6	8.2	11.5	12.5	12.0	10.6
14	6.9	12.6	15.0	14.0	14.0	15.4	14.7	13.5	12.8	12.6	12.1	10.5
15	8.8	12.5	16.8	15.5	15.7	15.8	13.6	14.2	13.7	12.6	13.9	8.6
16	10.0	13.6	16.4	14.9	14.0	15.8	12.7	11.4	13.2	12.5	13.0	7.6
17	7.3	16.0	15.5	9.2	14.8	15.6	14.8	12.6	13.9	8.9	12.5	8.5
18	6.8	13.9	16.6	10.2	14.2	14.2	15.2	11.5	18.5	11.6	12.9	10.2
19	8.9	14.2	17.6	10.5	14.7	14.5	14.9	15.0	11.8	10.8	12.1	9.5
20	11.4	14.9	16.8	10.1	15.2	16.3	10.4	11.4	15.7	10.3	11.7	10.5
21	11.3	15.1	16.0	10.6	14.4	14.6	10.4	11.3	14.7	11.5	12.0	11.7
22	12.3	14.3	15.8	12.9	14.1	10.6	13.5	15.3	14.6	12.5	11.7	9.5
23	15.3	14.8	16.7	15.1	11.1	10.7	13.9	9.9	14.3	12.9	11.0	8.0
24	15.8	12.8	15.5	15.1	9.0	13.0	14.0	12.1	13.8	13.5	11.4	8.8
25	15.8	12.0	19.0	11.0	10.3	14.6	17.0	10.5	13.7	12.5	9.8	11.4
26	15.6	15.2	18.4	11.6	17.3	15.1	15.2	9.1	13.8	12.7	10.0	12.0
27	15.5	12.4	18.7	11.5	18.0	15.4	13.5	12.7	13.7	12.6	10.0	13.3
28	15.6	14.0	18.1	12.3	17.0	15.2	13.6	14.5	13.5	12.9	11.5	12.0
29	13.6	13.8	18.0	13.8	16.7	14.5	12.5	16.0	13.4	12.3	10.2	8.7
30	13.6		17.8	10.5	17.6	13.3	9.9	14.4	13.2	11.4	9.3	8.8
31	16.4		18.0		13.9		13.1	12.2		12.3		9.2
Total CFS	312.4	390.7	512.3	425.6	423.9	447.4	419.6	395.0	402.3	399.1	338.5	315.3
Total Acre-Feet	620	775	1,016	844	841	887	832	783	798	792	671	625
<u>ASARCO Reported Ac-ft.</u>												
Reported	620	775	1,016	844	841	888	832	784	798	792	672	626
Reported Year-to-Date	620	1,395	2,411	3,255	4,096	4,984	5,816	6,600	7,398	8,190	8,862	9,488
<u>Tabulations in Ac-ft</u>												
Allocation diverted	620	775	1,016	844	841	887	832	783	798	792	671	625
Previous Alloc. Div		620	1,395	2,411	3,255	4,096	4,983	5,815	6,598	7,396	8,188	8,859
Alloc. Div to date	620	1,395	2,411	3,255	4,096	4,983	5,815	6,598	7,396	8,188	8,859	9,484
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	15,601	14,826	13,810	12,966	12,125	11,238	10,406	9,623	8,825	8,033	7,362	6,737

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

2016

Kearny Arizona: 101.73 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	0.25	0.25		0.23	0.23		0.29	0.29		0.31	0.31		0.38		0.38	0.50		0.50
2	0.25	0.25		0.23	0.23		0.29	0.29		0.31	0.31		0.38		0.38	0.50		0.50
3	0.25	0.25		0.23	0.23		0.29	0.29		0.31	0.31		0.38		0.38	0.50		0.50
4	0.25	0.25		0.23	0.23		0.29	0.29		0.31	0.31		0.38		0.38	0.50		0.50
5	0.25	0.25		0.23	0.23		0.29	0.29		0.31	0.31		0.38		0.38	0.50		0.50
6	0.25	0.25		0.23	0.23		0.29	0.29		0.31	0.31		0.38		0.38	0.50		0.50
7	0.25	0.25		0.23	0.23		0.29	0.29		0.31	0.31		0.38		0.38	0.50		0.50
8	0.25	0.25		0.23	0.23		0.29	0.29		0.31	0.31		0.38		0.38	0.50		0.50
9	0.25	0.25		0.23	0.23		0.29	0.29		0.31	0.30	0.01	0.38		0.38	0.50		0.50
10	0.25	0.25		0.23	0.23		0.29	0.29		0.31	0.30	0.01	0.38		0.38	0.50		0.50
11	0.25	0.25		0.23	0.23		0.29	0.29		0.31	0.31		0.38		0.38	0.50		0.50
12	0.25	0.25		0.23	0.23		0.29	0.29		0.31	0.31		0.38		0.38	0.50		0.50
13	0.25	0.25		0.23	0.23		0.29	0.29		0.31	0.31		0.38		0.38	0.50		0.50
14	0.25	0.25		0.23	0.23		0.29	0.29		0.31	0.31		0.38		0.38	0.50		0.50
15	0.25	0.25		0.23	0.23		0.29	0.29		0.31	0.30	0.01	0.38		0.38	0.50		0.50
16	0.25	0.25		0.23	0.23		0.29	0.29		0.31	0.31		0.38		0.38	0.50	0.30	0.20
17	0.25	0.25		0.23	0.23		0.29	0.29		0.31	0.31		0.38		0.38	0.50		0.50
18	0.25	0.25		0.23	0.23		0.29	0.29		0.31	0.31		0.38		0.38	0.50	0.30	0.20
19	0.25	0.25		0.24	0.24		0.30	0.30		0.31	0.31		0.38		0.38	0.50		0.50
20	0.25	0.25		0.24	0.24		0.30	0.30		0.31	0.31		0.38		0.38	0.51	0.30	0.21
21	0.25	0.25		0.24	0.24		0.30	0.30		0.31	0.31		0.38		0.38	0.51	0.10	0.41
22	0.25	0.25		0.24	0.24		0.30	0.30		0.31	0.31		0.38		0.38	0.51	0.10	0.41
23	0.25	0.25		0.24	0.24		0.30	0.30		0.31	0.31		0.38		0.38	0.51		0.51
24	0.25	0.25		0.24	0.24		0.30	0.30		0.31	0.31		0.38		0.38	0.51		0.51
25	0.25	0.25		0.24	0.24		0.30	0.30		0.31	0.30	0.01	0.38		0.38	0.51		0.51
26	0.26	0.26		0.24	0.24		0.30	0.30		0.31	0.30	0.01	0.38		0.38	0.51		0.51
27	0.26	0.26		0.24	0.24		0.30	0.30		0.31		0.31	0.38		0.38	0.51		0.51
28	0.26	0.26		0.24	0.24		0.30	0.30		0.31	0.10	0.21	0.38		0.38	0.51	0.10	0.41
29	0.26	0.26		0.24	0.24		0.30	0.30		0.31		0.31	0.39		0.39	0.51	0.10	0.41
30	0.26	0.26					0.30	0.30		0.30		0.30	0.39		0.39	0.51	0.10	0.41
31	0.26	0.26					0.30	0.30		0.30		0.30	0.39		0.39	0.51	0.10	0.41
Total	7.8	7.8		6.8	6.8		9.1	9.1		9.3	8.1	1.2	11.8		11.8	15.1	1.4	13.7
Acre-feet		15			13			18			18			23			30	
Priority Diverted		15			13			18			16			3			3	
Apport Diverted											2			23			27	
Apport Diverted to date											2			25			52	
TBI Acreage		101.73			101.73			101.73			101.73			101.73			101.73	
Apportioned		688			688			364			364			364			364	
Duty		0.15			0.13			0.18			0.18			0.23			0.29	

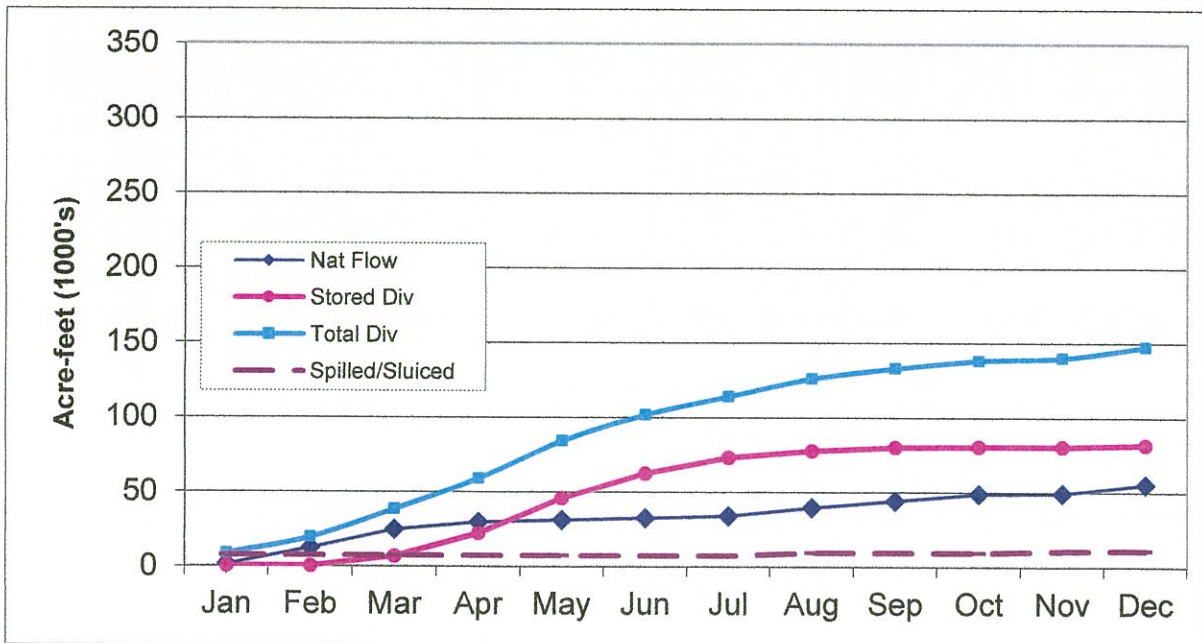
DAY	JUL			AUG			SEP			OCT			NOV			DEC			Totals
	Total	Priority	Apport.	Total	Priority	Apport.	Total	Priority	Apport.	Total	Priority	Apport.	Total	Priority	Apport.	Total	Priority	Apport.	
1	0.41	0.10	0.31	0.38	0.38	0.38	0.31	0.31		0.31	0.31		0.26	0.26		0.18	0.18		
2	0.41	0.10	0.31	0.38	0.38		0.31	0.31		0.31	0.31		0.26	0.26		0.18	0.18		
3	0.41	0.30	0.11	0.38	0.38		0.31	0.31		0.31	0.31		0.26	0.26		0.18	0.18		
4	0.41	0.30	0.11	0.38	0.30	0.08	0.31	0.31		0.31	0.31		0.26	0.26		0.18	0.18		
5	0.41	0.41		0.38	0.38		0.31	0.31		0.31	0.31		0.26	0.26		0.18	0.18		
6	0.41	0.41		0.38	0.38		0.31	0.31		0.31	0.31		0.26	0.26		0.18	0.18		
7	0.41	0.30	0.11	0.38	0.38		0.31	0.31		0.31	0.31		0.26	0.26		0.18	0.18		
8	0.41	0.41		0.38	0.38		0.31	0.31		0.31	0.31		0.26	0.26		0.18	0.18		
9	0.41	0.30	0.11	0.38	0.38		0.31	0.31		0.31	0.31		0.26	0.26		0.18	0.18		
10	0.41	0.30	0.11	0.38	0.38		0.31	0.31		0.31	0.31		0.26	0.26		0.18	0.18		
11	0.41	0.30	0.11	0.38	0.38		0.31	0.31		0.31	0.31		0.26	0.26		0.18	0.18		
12	0.41	0.30	0.11	0.38	0.38		0.31	0.31		0.31	0.31		0.26	0.26		0.18	0.18		
13	0.41	0.10	0.31	0.38	0.38		0.31	0.31		0.31	0.31		0.26	0.26		0.18	0.18		
14	0.41	0.10	0.31	0.38	0.38		0.31	0.31		0.31	0.31		0.26	0.26		0.18	0.18		
15	0.41	0.10	0.31	0.38	0.38		0.31	0.31		0.31	0.31		0.26	0.26		0.18	0.18		
16	0.41	0.10	0.31	0.38	0.38		0.31	0.31		0.31	0.31		0.26	0.26		0.18	0.18		
17	0.41	0.10	0.31	0.38	0.38		0.31	0.31		0.31	0.31		0.26	0.26		0.18	0.18		
18	0.41		0.41	0.38	0.38		0.32	0.32		0.31	0.31		0.26	0.26		0.18	0.18		
19	0.41	0.10	0.31	0.38	0.38		0.32	0.32		0.31	0.31		0.26	0.26		0.18	0.18		
20	0.41		0.41	0.38	0.38		0.32	0.32		0.31	0.31		0.26	0.26		0.18	0.18		
21	0.41		0.41	0.38	0.38		0.32	0.32		0.31	0.31		0.26	0.26		0.18	0.18		
22	0.41		0.41	0.39	0.39		0.32	0.32		0.31	0.31		0.26	0.26		0.18	0.18		
23	0.41	0.41		0.39	0.39		0.32	0.32		0.31	0.31		0.26	0.26		0.18	0.18		
24	0.41	0.41		0.39	0.39		0.32	0.32		0.30	0.30		0.26	0.26		0.19	0.19		
25	0.40	0.30	0.10	0.39	0.39		0.32	0.32		0.30	0.30		0.26	0.26		0.19	0.19		
26	0.40	0.30	0.10	0.39	0.39		0.32	0.30	0.02	0.30	0.30		0.26	0.26		0.19	0.19		
27	0.40	0.10	0.30	0.39	0.39		0.32	0.32		0.30	0.30		0.26	0.26		0.19	0.19		
28	0.40	0.30	0.10	0.39	0.39		0.32	0.32		0.30	0.30		0.26	0.26		0.19	0.19		
29	0.40	0.10	0.30	0.39	0.39		0.32	0.32		0.30	0.30		0.27	0.27		0.19	0.19		
30	0.40	0.10	0.30	0.39	0.39		0.32	0.32		0.30	0.30		0.27	0.27		0.19	0.19		
31	0.40	0.40		0.39	0.39					0.30	0.30					0.19	0.19		
Total	12.6	6.6	6.1	11.9	11.4	0.5	9.4	9.4	0.0	9.5	9.5		7.8	7.8		5.7	5.7		
Acre-feet		25			24			19			19			16			11		231
Priority Diverted		13			23			19			19			16			11		166
Apport Diverted					1														65
Apport Diverted to date					65			65			65			65			65		65
TBI Acreage		101.73			101.73			101.73			101.73			101.73			101.73		101.73
Apportioned		364			364			364			364			364			364		364
Duty		0.25			0.24			0.19			0.19			0.16			0.11		2.27

2016

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

In Acre-Feet

Month	Accumulated		Monthly Total Diversions	Accumulated	
	Natural Flow Diversions	Stored Water Diversions		Total Diversions	Spilled and Sluiced
Jan	1,142		1,142	8,247	7,105
Feb	12,123		12,123	19,228	7,105
Mar	24,542	6,480	31,022	38,127	7,105
Apr	29,479	22,092	51,571	58,676	7,105
May	31,080	45,612	76,692	83,797	7,105
Jun	32,219	62,079	94,298	101,403	7,105
Jul	33,758	72,770	106,528	113,633	7,105
Aug	39,423	77,118	116,541	125,600	9,059
Sep	43,763	79,554	123,317	132,376	9,059
Oct	48,472	80,090	128,562	137,621	9,059
Nov	48,904	80,108	129,012	139,529	10,517
Dec	54,981	81,221	136,202	147,013	10,811
Graph:	Nat Flow Div	Stored Div		Total Div	Spill/Sluice



2016

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. 36,297.59 Acres

2016	Diversed		Natural		Passing Dam	
	Total	Stored	Flow	Spill	Sluice	
1	46		46			
2	37		37			
3	33		33			
4	14		14			
5				22		
6				30		
7				160		
8				800		
9				940		
10				450		
11				270		
12				210		
13				150		
14				120		
15				105		
16				90		
17				75		
18				60		
19				55		
20	15		15	45		
21	34		34			
22	32		32			
23	30		30			
24	29		29			
25	25		25			
26	25		25			
27	24		24			
28	37		37			
29	45		45			
30	62		62			
31	88		88			
Total	576		576	3582		
Ac-Ft	1142		1142	7105		
To Date	1142		1142	7105		
Duty	0.03					

FEBRUARY

T. B. I. 37,475.84 Acres

2016	Diversed		Natural		Passing Dam	
	Total	Stored	Flow	Spill	Sluice	
1	103		103			
2	105		105			
3	107		107			
4	123		123			
5	176		176			
6	195		195			
7	211		211			
8	214		214			
9	211		211			
10	198		198			
11	197		197			
12	197		197			
13	197		197			
14	198		198			
15	198		198			
16	198		198			
17	198		198			
18	208		208			
19	221		221			
20	206		206			
21	206		206			
22	206		206			
23	205		205			
24	205		205			
25	206		206			
26	205		205			
27	206		206			
28	213		213			
29	223		223			
30						
31						
Total	5536		5536			
Ac-Ft	10981		10981			
To Date	12123		12123			
Duty	0.36					

MARCH

T. B. I. 40,709.76 Acres

2016	Diversed		Natural		Passing Dam	
	Total	Stored	Flow	Spill	Sluice	
1	224		224			
2	226		226			
3	230		230			
4	230		230			
5	244		244			
6	285		285			
7	289		289			
8	291		291			
9	294		294			
10	301	12	289			
11	306	21	285			
12	316	43	273			
13	317	63	254			
14	313	86	227			
15	320	99	221			
16	318	106	212			
17	321	121	200			
18	320	128	192			
19	320	140	180			
20	320	151	169			
21	319	164	155			
22	326	183	143			
23	341	199	142			
24	343	211	132			
25	346	216	130			
26	345	216	129			
27	344	212	132			
28	343	215	128			
29	345	220	125			
30	345	228	117			
31	346	233	113			
Total	9528	3267	6261			
Ac-Ft	18899	6480	12419			
To Date	31022	6480	24542			
Duty	0.78					

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...

2016

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. 40,840.01 Acres

2016	Diverted			Passing Dam		
	Total	Stored	Natural Flow	Spill	Sluice	
1	345	232	113			
2	344	239	105			
3	343	243	100			
4	342	245	97			
5	350	262	88			
6	360	275	85			
7	364	282	82			
8	375	285	90			
9	381	281	100			
10	373	281	92			
11	376	282	94			
12	372	282	90			
13	365	281	84			
14	372	289	83			
15	366	274	92			
16	317	224	93			
17	301	211	90			
18	297	210	87			
19	294	209	85			
20	292	212	80			
21	290	213	77			
22	298	229	69			
23	335	279	56			
24	356	293	63			
25	358	295	63			
26	354	295	59			
27	349	295	54			
28	364	293	71			
29	362	290	72			
30	365	290	75			
31						
Total	10360	7871	2489			
Ac-Ft	20549	15612	4937			
To Duty	51571	22092	29479			7105
	1.26					

MAY

T. B. I. 41,150.98 Acres

2016	Diverted			Passing Dam		
	Total	Stored	Natural Flow	Spill	Sluice	
1	372	292	80			
2	369	306	63			
3	365	307	58			
4	377	341	36			
5	406	375	31			
6	406	378	28			
7	409	377	32			
8	412	384	28			
9	412	389	23			
10	411	392	19			
11	410	393	17			
12	408	395	13			
13	408	398	10			
14	407	398	9			
15	407	396	11			
16	406	392	14			
17	407	394	13			
18	416	408	8			
19	446	410	36			
20	433	407	26			
21	431	411	20			
22	440	417	23			
23	441	416	25			
24	427	396	31			
25	408	382	26			
26	407	382	25			
27	407	385	22			
28	406	384	22			
29	405	384	21			
30	404	384	20			
31	402	385	17			
Total	12665	11858	807			
Ac-Ft	25121	23520	1601			
To Duty	76692	45612	31080			7105
	1.87					

JUNE

T. B. I. 40,192.86 Acres

2016	Diverted			Passing Dam		
	Total	Stored	Natural Flow	Spill	Sluice	
1	404	383	21			
2	400	381	19			
3	395	374	21			
4	397	384	13			
5	413	408	5			
6	425	417	8			
7	422	417	5			
8	424	414	10			
9	416	400	16			
10	386	360	26			
11	370	338	32			
12	372	301	71			
13	273	227	46			
14	258	232	26			
15	242	214	28			
16	219	189	30			
17	200	182	18			
18	200	186	14			
19	200	194	6			
20	217	211	6			
21	216	212	4			
22	215	213	2			
23	214	214	2			
24	218	215	3			
25	217	215	2			
26	217	216	1			
27	216	214	2			
28	207	196	12			
29	235	194	41			
30	288	202	86			
31						
Total	8876	8302	574			
Ac-Ft	17606	16467	1139			
To Duty	94298	62079	32219			7105
	2.30					

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

2016

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. 38,840.74 Acres

2016	Diverted			Passing Dam		
	Total	Stored	Natural Flow	Spill	Sluice	
1	270	201	69			
2	355	198	157			
3	247	115	132			
4	213	168	45			
5	201	139	62			
6	196	173	23			
7	193	185	8			
8	192	188	4			
9	190	190				
10	188	188				
11	187	187				
12	185	185				
13	185	185				
14	184	184				
15	183	183				
16	182	182				
17	181	181				
18	182	182				
19	179	179				
20	187	187				
21	193	176	17			
22	186		186			
23	181	150	31			
24	183	180	3			
25	190	190				
26	192	192				
27	186	186				
28	187	187				
29	186	186				
30	202	192	10			
31	200	171	29			
Total	6166	5390	776			
Ac-Ft	12230	10691	1539			
To Date	106528	72770	33758			7105
Duty	2.59					

AUGUST

T. B. I. 38,673.74 Acres

	Diverted			Passing Dam		
	Total	Stored	Natural Flow	Spill	Sluice	
	235	147	88			
	239	161	78			
	276	152	124	190		
	260	54	206	15		
	200	12	188	85		
	227		227	80		
	200		200	65		
	195		195	40		
	174	13	161	60		
	197	60	137	75		
	196		196	190		
	218		218	180		
	159		159	5		
	137		137			
	136		136			
	134		134			
	141	73	68			
	136	96	40			
	127	111	16			
	126	114	12			
	125	110	15			
	131	72	59			
	122	106	16			
	122	114	8			
	121	120	1			
	119	97	22			
	119	114	5			
	118	115	3			
	120	118	2			
	119	114	5			
	119	119				
	5048	2192	2856	985		
	10013	4348	5665	1954		
	116541	77118	39423	9059		
	2.84					

SEPTEMBER

T. B. I. 38,687.66 Acres

	Diverted			Passing Dam		
	Total	Stored	Natural Flow	Spill	Sluice	
	118	118				
	163	128	35			
	130	130				
	121	50	71			
	119	80	39			
	118	104	14			
	122	121	1			
	132	128	4			
	238		238			
	129		129			
	100		100			
	97		97			
	120		120			
	102		102			
	99		99			
	97		97			
	96		96			
	96		96			
	96		96			
	98	5	93			
	98	15	83			
	95	26	69			
	96	33	63			
	95	40	55			
	95	43	52			
	97	46	51			
	99	52	47			
	136	55	81			
	118	54	64			
Total	3416	1228	2188			
Ac-Ft	6776	2436	4340			
To Date	123317	79554	43763			9059
Duty	3.02					

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

2016

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. 38,687.66 Acres

NOVEMBER

T. B. I. 38,687.66 Acres

DECEMBER

T. B. I. 38,687.66 Acres

2016	Diversed			Passing Dam		
	Total	Stored	Natural Flow	Spilled	Stuice	Stuice
1	127		127			
2	116		116			
3	105		105			
4	104		104			
5	101		101			
6	101		101			
7	99		99			
8	81		81			
9	78		78			
10	75		75			
11	73		73			
12	78		78			
13	81		81			
14	76		76			
15	76		76			
16	75		75			
17	75		75			
18	73		73			
19	72		72			
20	72		72			
21	72		72			
22	91	16	75			
23	93	23	70			
24	95	26	69			
25	100	40	60			
26	109	52	57			
27	111	55	56			
28	111	58	53			
29	104		104			
30	20		20			
31						
Total	2644	270	2374			
Ac-Ft	5245	536	4709			
To Duty	128562	80090	48472	9059		
	4.23					

2016	Diversed			Passing Dam		
	Total	Stored	Natural Flow	Spilled	Stuice	Stuice
1	14		14		15	
2	14		14		40	
3	14		14		10	
4	14		14		10	
5	14		14		200	
6	14		14		40	
7	14		14		20	
8	14		14		20	
9	13		13		10	
10	12		12		5	
11	11		11		5	
12	10		10		5	
13	10		10		30	
14	9		9		20	
15	8		8		10	
16	7		7		5	
17	6		6		5	
18	5		5		5	
19	4		4		5	
20	4		4		5	
21	4		4		30	
22	3		3		40	
23	3	3	3		30	
24	2	2	2		30	
25	2	2	2		20	
26	1	1	1		10	
27	1	1	1		10	
28					10	
29					50	
30					40	
31						
Total	227	9	218	735		
Ac-Ft	450	18	432	1458		
To Duty	129012	80108	48904	10517		
	4.24					

2016	Diversed			Passing Dam		
	Total	Stored	Natural Flow	Spilled	Stuice	Stuice
1	22		22		40	
2	69		69		20	
3	54		54		10	
4	50		50		10	
5	58		58		10	
6	71	8	63			
7	86	20	66		4	
8	101	24	77			
9	105	26	79		5	
10	121	36	85		5	
11	124	40	84		3	
12	130	62	68		3	
13	144	77	67		3	
14	144	71	73		3	
15	145	58	87		3	
16	146	51	95		3	
17	146	33	113		3	
18	175	34	141		3	
19	214	21	193		15	
20	225		225		3	
21	216		216		3	
22	211		211		3	
23	201		201		3	
24	200		200		3	
25	189		189			
26	174		174			
27	104		104			
Total	3625	561	3064	148		
Ac-Ft	7190	1113	6077	294		
To Duty	136202	81221	54981	10811		
	4.48					

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

DETERMINATION OF PRIORITY WATER

JANUARY 2016

Mean daily discharge - cubic feet per second

2016	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			Version 7.08
		Total	Natural Flow	Inflow Minus Outflow							Ac-ft S C Res.	JAN	Duncan Virden 1924	
DEC 31	451		451	982				46	46	497	1			
JAN 1	441		441	840				37	37	478	2			
2	411		411	808				33	33	444	3			
3	393		393	737				14	14	407	4			
4	380		380	814				22	22	402	5			
5	380		380	706				30	30	410	6			
6	427		427	1083				160	160	587	7			
7	485		485	1202				800	800	1285	8			
8	1191		1191	1741				940	940	2131	9			
9	953		953	1756				450	450	1403	10			
10	960		960	1694				270	270	1230	11			
11	860		860	1552				210	210	1070	12			
12	762		762	1368				150	150	912	13			
13	709		709	1261				120	120	829	14			
14	669		669	1270				105	105	774	15			
15	657		657	639				90	90	747	16			
16	638		638	1325				75	75	713	17			
17	596		596	1092				60	60	656	18			
18	592		592	1181				55	55	647	19			
19	594		594	1106				45	15	654	20			
20	560		560	948				34	34	594	21			
21	542		542	869				32	32	574	22			
22	538		538	1125				30	30	568	23			
23	514		514	1005				29	29	543	24			
24	507		507	926				25	25	532	25			
25	494	29	465	888				25	25	490	26			
26	481	44	437	637				24	24	461	27			
27	470	40	430	939				37	37	467	28			
28	462	63	399	685				45	45	444	29			
29	453	86	367	472				62	62	429	30			
30	444	101	343	776				88	88	431	31			
31	431	102	329	865										

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

DETERMINATION OF PRIORITY WATER

FEBRUARY 2016

Mean daily discharge - cubic feet per second

2016	SAN CARLOS RESERVOIR				ASHURST-HAYDEN DAM				DAILY CALL SYSTEM				COMPUTED PRIORITY YEAR		VERSION 7.08	
	River Inflow	RELEASES		STORAGE Ac-ft Inflow Minus Outflow	Natural Flow	Stored	Sluiced and/or Spilled	Diverted	Stored	Natural Flow	Gain/Loss Nat. Flow	Nat. Flow Available to Project	Duncan Virden	Safford	Winkelman	Ashurst- Hayden
		Total	Natural Flow													
JAN 31	431	102	102	329	865	1	103	103	103	1	432	1	1924	1924	1924	1924
FEB 1	426	104	104	322	131	2	105	105	105	1	427	1	"	"	"	"
2	422	104	104	318	651	3	107	107	107	3	425	3	"	"	"	"
3	437	160	160	277	262	4	123	123	123	-37	400	4	"	"	"	"
4	449	195	195	254	567	5	176	176	176	-19	430	5	"	"	"	"
5	450	216	216	234	263	6	195	195	195	-21	429	6	"	"	"	"
6	440	225	225	215	526	7	211	211	211	-14	428	7	"	"	"	"
7	429	225	225	204	265	8	214	214	214	-11	418	8	"	"	"	"
8	421	212	212	209	442	9	211	211	211	-1	420	9	"	"	"	"
9	413	199	199	214	312	10	198	198	198	-1	412	10	"	"	"	"
10	405	199	199	206	267	11	197	197	197	-2	403	11	"	"	"	"
11	402	200	200	202	449	12	197	197	197	-3	399	12	"	"	"	"
12	404	200	200	204	360	13	197	197	197	-3	401	13	"	"	"	"
13	414	200	200	214	181	14	198	198	198	-2	412	14	"	"	"	"
14	435	200	200	235	362	15	198	198	198	-2	433	15	"	"	"	"
15	462	201	201	261	639	16	198	198	198	-3	459	16	"	"	"	"
16	496	201	201	295	551	17	198	198	198	-3	493	17	"	"	"	"
17	535	227	227	308	601	18	208	208	208	-19	516	18	"	"	"	"
18	575	223	223	352	465	19	221	221	221	-2	573	19	"	"	"	"
19	601	208	208	393	655	20	206	206	206	-2	599	20	"	"	"	"
20	620	208	208	412	801	21	206	206	206	-2	618	21	"	"	"	"
21	675	209	209	466	475	22	206	206	206	-3	672	22	"	"	"	"
22	728	210	210	518	909	23	205	205	205	-5	723	23	"	"	"	"
23	766	210	210	566	966	24	205	205	205	-5	761	24	"	"	"	"
24	777	210	210	567	878	25	206	206	206	-4	773	25	"	"	"	"
25	756	211	211	545	984	26	205	205	205	-6	750	26	"	"	"	"
26	720	212	212	508	895	27	206	206	206	-6	714	27	"	"	"	"
27	660	227	227	433	751	28	213	213	213	-14	646	28	"	"	"	"
28	600	235	235	365	403		223	223	223	-12	588		"	"	"	"
	543	236	236	307	861											

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

DETERMINATION OF PRIORITY WATER

MARCH 2016

Mean daily discharge - cubic feet per second

2016 FEB 29 MAR	River Inflow	SAN CARLOS RESERVOIR			ASHURST-HAYDEN DAM			DAILY CALL SYSTEM				Ashurst- Hayden		
		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.		MAR	Duncan Virden
1	600	235	235	365	403	1	224	224	-11	589	1924	1924	1924	1924
2	500	228	228	272	1167	2	226	226	-2	498	"	"	"	"
3	426	229	229	197	614	3	230	230	1	427	"	"	"	"
4	392	236	236	156	257	4	230	230	-6	386	"	"	"	"
5	369	266	266	103	309	5	244	244	-22	347	"	"	"	"
6	351	304	304	47	103	6	285	285	-19	332	"	"	"	"
7	333	304	304	29	-103	7	289	289	-15	318	"	"	"	"
8	330	304	304	26	-52	8	291	291	-13	317	1915	"	"	"
9	328	310	310	18	-103	9	294	294	-16	312	1924	"	"	"
10	301	315	301	14	-51	10	289	12 289	-12	289	1915	1924	1915	1915
11	301	325	301	24	-155	11	306	21 285	-16	285	"	1915	"	"
12	288	337	288	49	-103	12	316	43 273	-15	273	1910	"	1924	1924
13	265	337	265	72	-205	13	317	63 254	-11	254	1912	1910	1915	1915
14	239	337	239	98	-460	14	313	86 227	-12	227	1915	1912	"	"
15	225	337	225	112	-204	15	320	99 221	-4	221	1906	1915	1910	1910
16	216	336	216	120	-204	16	318	106 212	-4	212	1912	1906	1912	1912
17	197	335	197	138	-203	17	321	121 200	3	200	1904b	1912	1915	1915
18	189	335	189	146	-688	18	320	128 192	3	192	1913	1904b	1906	1906
19	176	335	176	159	-251	19	320	140 180	4	180	1915	1913	1912	1912
20	163	335	163	172	-172	20	320	151 169	6	169	20 1921	1915	1904b	1904b
21	149	335	149	186	-186	21	319	164 155	6	155	21 1915	1921	1913	1913
22	144	352	144	208	-349	22	326	183 143	-1	143	22 1911	1915	1915	1915
23	137	363	137	226	-226	23	341	199 142	5	142	23 1895	1911	1921	1921
24	123	363	123	240	-837	24	343	211 132	9	132	24 1907	1895	1915	1915
25	118	364	118	246	-246	25	346	216 130	12	130	25 1891	1907	1911	1911
26	119	364	119	245	-245	26	345	216 129	10	129	26 1888	1891	1895	1895
27	123	364	123	241	-241	27	344	212 132	9	132	27 1890	1888	1907	1907
28	120	364	120	244	-244	28	343	215 128	8	128	28 1889	1890	1891	1891
29	113	363	113	250	-717	29	345	220 125	12	125	29 1887	1889	1888	1888
30	104	363	104	259	-570	30	345	228 117	13	117	30 1888	1887	1890	1890
31	99	364	99	265	-707	31	346	233 113	14	113	"	1888	1889	1889
31	100	364	100	264	-609									

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

DETERMINATION OF PRIORITY WATER

APRIL 2016

Mean daily discharge - cubic feet per second

2016	SAN CARLOS RESERVOIR				ASHURST-HAYDEN DAM				DAILY CALL SYSTEM						
	RELEASES		STORAGE		Sluiced and/or Spilled	Diverted	Stored	Natural Flow	Gain/Loss Nat. Flow	Nat. Flow Available to Project	COMPUTED PRIORITY YEAR				
	River Inflow	Total	Natural Flow	Stored							Inflow Minus Outflow	Ac-ft S C Res.	APR	Duncan Virden	Safford
MAR 31	100	364	100	264	-264	-609	113	345	232	113	13	1887	1888	1887	1887
APR 1	93	365	93	272	-272	-466	105	344	239	105	12	1884	1887	1888	1888
2	89	365	89	276	-276	-647	100	343	243	100	11	1885	1884	1888	1888
3	85	363	85	278	-278	-460	97	342	245	97	12	1887	1885	1887	1887
4	83	381	83	298	-298	-776	88	350	262	88	5	1884	1887	1884	1884
5	78	390	78	312	-312	-633	85	360	275	85	7	1882	1884	1885	1885
6	74	394	74	320	-320	-1081	82	364	282	82	8	1881	1882	1887	1887
7	70	394	70	324	-324	-400	90	375	285	90	20	1885	1881	1884	1884
8	74	393	74	319	-319	-530	100	381	281	100	26	1892	1885	1882	1882
9	73	392	73	319	-319	-658	92	373	281	92	19	1899	1892	1881	1881
10	71	391	71	320	-320	-568	94	376	282	94	23	1891	1899	1885	1885
11	69	391	69	321	-321	-610	90	372	282	90	21	1883	1891	1892	1892
12	70	389	70	319	-319	-738	84	365	281	84	14	1889	1883	1899	1899
13	69	397	69	328	-328	-692	83	372	289	83	14	1898	1889	1891	1891
14	66	377	66	311	-311	-776	92	366	274	92	26	1886	1898	1883	1883
15	63	317	63	254	-254	-601	93	317	224	93	30	1893	1886	1889	1889
16	65	305	65	240	-240	-471	90	301	211	90	25	1908	1893	1898	1898
17	66	305	66	239	-239	-683	87	297	210	87	21	1904a	1908	1886	1886
18	65	303	65	238	-238	-469	85	294	209	85	20	1894	1904a	1893	1893
19	62	303	62	241	-241	-594	80	292	212	80	18	1888	1894	1908	1908
20	60	302	60	242	-242	-593	77	290	213	77	17	1887	1888	1904a	1904a
21	57	317	57	260	-260	-506	69	298	229	69	12	1881	1887	1894	1894
22	56	373	56	317	-317	-757	56	335	279	56	7	1880	1881	1888	1888
23	56	389	56	333	-333	-860	63	356	293	63	7	1874	1880	1887	1887
24	53	388	53	335	-335	-792	63	358	295	63	10	1878	1874	1881	1881
25	53	388	53	335	-335	-768	59	354	295	59	6	1872	1878	1880	1880
26	52	387	52	335	-335	-668	54	349	295	54	2	1875	1872	1874	1874
27	53	386	53	333	-333	-699	71	364	293	71	18	1873	1875	1878	1878
28	57	386	57	329	-329	-861	72	362	290	72	15	1873	1875	1878	1878
29	56	386	56	330	-330	-774	75	365	290	75	19	1874	1875	1875	1875
30	54	386	54	332	-332	-731									

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

12% transit loss on daily Stored releases...

DETERMINATION OF PRIORITY WATER

MAY 2016

Mean daily discharge - cubic feet per second

2016 APR 30 MAY	SAN CARLOS RESERVOIR				ASHURST-HAYDEN DAM				DAILY CALL SYSTEM				COMPUTED PRIORITY YEAR			
	River Inflow	RELEASES		STORAGE		Sluiced and/or Spilled	Diverted	Stored	Natural Flow	Gain/Loss Nat. Flow	Nat. Flow Available to Project	MAY	Duncan Virden	Safford	Winkelman	Ashurst- Hayden
		Total	Natural Flow	Stored	Inflow Minus Outflow											
1	54	386	54	332	-332	-731	372	292	80	26	80	1	1872	1874	1873	1873
2	52	400	52	348	-348	-687	369	306	63	11	63	2	1846	1872	1872	1873
3	52	401	52	349	-349	-725	365	307	58	6	58	3	Immem	1846	1874	1874
4	50	437	50	387	-387	-862	377	341	36	-14	36	4	"	Immem	1872	1872
5	47	473	47	426	-426	-758	406	375	31	-16	31	5	"	Immem	1846	1846
6	47	476	47	429	-429	-1071	406	378	28	-19	28	6	"	"	Immem	1846
7	51	479	51	428	-428	-906	409	377	32	-19	32	7	"	"	"	Immem
8	46	482	46	436	-436	-785	412	384	28	-18	28	8	"	"	"	"
9	43	485	43	442	-442	-898	412	389	23	-20	23	9	"	"	"	"
10	41	486	41	445	-445	-971	410	392	19	-22	19	10	"	"	"	"
11	38	485	38	447	-447	-967	410	393	17	-21	17	11	"	"	"	"
12	35	484	35	449	-449	-848	408	395	13	-22	13	12	"	"	"	"
13	34	486	34	452	-452	-805	408	398	10	-24	10	13	"	"	"	"
14	34	486	34	452	-452	-879	407	398	9	-25	9	14	"	"	"	"
15	34	484	34	450	-450	-874	407	396	11	-23	11	15	"	"	"	"
16	36	481	36	445	-445	-1097	406	392	14	-22	14	16	"	"	"	"
17	31	479	31	448	-448	-941	407	394	13	-18	13	17	"	"	"	"
18	31	495	31	464	-464	-900	416	408	8	-23	8	18	"	"	"	"
19	36	502	36	466	-466	-746	446	410	36	-5	36	19	"	"	"	"
20	31	493	31	462	-462	-928	433	407	26	-5	26	20	"	"	"	"
21	34	501	34	467	-467	-1071	431	411	20	-14	20	21	"	"	"	"
22	33	507	33	474	-474	-919	440	417	23	-10	23	22	"	"	"	"
23	31	504	31	473	-473	-1169	441	416	25	-6	25	23	"	"	"	"
24	30	480	30	450	-450	-945	427	396	31	1	31	24	"	"	"	"
25	29	463	29	434	-434	-795	408	382	26	-3	26	25	"	"	"	"
26	27	461	27	434	-434	-1187	407	382	25	-2	25	26	"	"	"	"
27	23	460	23	437	-437	-822	407	385	22	-1	22	27	"	"	"	"
28	22	458	22	436	-436	-869	406	384	22	-1	22	28	"	"	"	"
29	22	458	22	436	-436	-919	405	384	21	-1	21	29	"	"	"	"
30	21	457	21	436	-436	-981	404	384	20	-1	20	30	"	"	"	"
31	19	456	19	437	-437	-867	402	385	17	-2	17	31	"	"	"	"

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

12% transit loss on daily Stored releases...

DETERMINATION OF PRIORITY WATER

JUNE 2016

Mean daily discharge - cubic feet per second

2016 MAY 31 JUN 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	SAN CARLOS RESERVOIR				ASHURST-HAYDEN DAM				DAILY CALL SYSTEM				Ashurst-Hayden Immem	
	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 S C Res.	Diverted	Stored	Natural Flow	Gain/Loss Nat. Flow	Nat. Flow Available to Project	Duncan Virden		Safford
	19	454	19	435	-435	-962	404	383	21	2	21	Immem	Immem	Immem
	19	452	19	433	-433	-919	400	381	19	"	19	"	"	"
	17	442	17	425	-425	-842	395	374	21	4	21	"	"	"
	16	452	16	436	-436	-1134	397	384	13	-3	13	"	"	"
	15	479	15	464	-464	-857	413	408	5	-10	5	"	"	"
	15	489	15	474	-474	-1088	422	417	8	-7	8	"	"	"
	14	488	14	474	-474	-1088	422	417	5	-9	5	"	"	"
	14	485	14	471	-471	-1021	424	414	10	-4	10	"	"	"
	14	468	14	454	-454	-820	416	400	16	2	16	"	"	"
	13	422	13	409	-409	-1029	386	360	26	13	26	"	"	"
	12	396	12	384	-384	-954	370	338	32	20	32	"	"	"
	12	354	12	342	-342	-549	372	301	71	59	71	"	"	"
	12	281	12	258	-258	-575	273	227	46	23	46	1880	"	"
	16	280	16	264	-264	-690	258	232	26	10	26	1876	1880	"
	14	257	14	243	-243	-446	242	214	28	14	28	1880	1876	"
	15	228	15	215	-215	-621	219	189	30	17	30	1876	1880	1880
	12	219	12	207	-207	-381	200	182	18	6	18	1881	1876	1876
	12	223	12	211	-211	-350	200	186	14	2	14	1879	1880	1880
	12	233	12	221	-221	-667	200	194	6	-6	6	1877	1879	1876
	13	253	13	240	-240	-459	217	211	6	-7	6	1874	1877	1881
	12	253	12	241	-241	-571	216	212	4	-8	4	1876	1874	1879
	11	253	11	242	-242	-453	215	213	2	-9	2	"	1876	1878
	10	254	10	244	-244	-645	214	214	3	-10	3	1873	"	1874
	9	253	9	244	-244	-557	218	215	3	-6	3	1876	1873	1876
	9	253	9	244	-244	-496	217	215	2	-7	2	1877	1876	"
	8	253	8	245	-245	-438	217	216	1	-7	1	"	1877	1873
	8	251	8	243	-243	-625	216	214	2	-6	2	"	"	1876
	7	229	7	222	-222	-457	207	195	12	5	12	1879	"	1877
	6	227	6	221	-221	-241	235	194	41	35	41	"	1879	"
	5	234	5	229	-229	-611	288	202	86	81	86	"	"	"
	6	234	6	228	-228	-316						1882	"	"

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

12% transit loss on daily Stored releases...

DETERMINATION OF PRIORITY WATER

AUGUST 2016

Mean daily discharge - cubic feet per second

2016	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				
	River Inflow	Total	Natural Flow	Stored	Inflow Minus Outflow							Ac-ft change S C Res.	AUG	Duncan Virden	Safford	
JUL 31	73	240	73	167	-167	-450	1	88	15	88	1	1880	1897	1875	1875	
AUG 1	50	233	50	183	-183	55	2	78	28	78	2	1899	1880	1906	1906	
2	56	229	56	173	-173	-204	3	190	124	314	3	1916	1899	1897	1897	
3	166	227	166	61	-61	-276	4	15	206	221	4	1924	1916	1880	1880	
4	172	186	172	14	-14	-201	5	85	200	101	5	"	1924	1899	1889	
5	194	169	169	25	-25	-108	6	80	227	138	6	"	"	1916	1916	
6	386	224	224	162	162	-181	7	65	200	41	7	"	"	1924	1924	
7	359	225	225	134	134	126	8	40	195	10	8	1915	"	"	"	
8	185	200	185	15	-15		9	60	174	36	9	1924	1915	"	"	
9	118	186	118	68	-68	-54	10	75	197	94	10	"	1924	"	"	
10	295	186	186	109	-72	-72	11	190	196	200	11	1914	"	1915	1915	
11	151	134	134	17	90		12	180	218	284	12	1924	1914	1924	1924	
12	267	109	109	158	91		13	5	159	55	13	1915	1924	"	"	
13	400	159	159	241	236		14		137	-22	14	1921	1915	1914	1914	
14	258	160	160	98	220		15		136	-24	15	1924	1921	1924	1924	
15	181	161	161	20	148		16		134	-27	16	1906	1924	1915	1915	
16	78	161	78	83	-83	-130	17		141	-10	17	1894	1906	1921	1921	
17	52	161	52	109	-109	-110	18		136	-12	18	"	1894	1924	1924	
18	36	162	36	126	-126	-256	19		127	-20	19	1891	"	1906	1906	
19	33	162	33	129	-129	-360	20		126	-21	20	1888	1891	1894	1894	
20	37	162	37	125	-125	-303	21		125	-22	21	1897	1888	"	"	
21	79	161	79	82	-82	-176	22		131	-20	22	1909	1897	1891	1891	
22	42	162	42	120	-120	-158	23		122	-26	23	1884	1909	1888	1888	
23	33	162	33	129	-129	-35	24		122	-25	24	1890	1884	1897	1897	
24	26	162	26	136	-136	-277	25		121	-25	25	1904	1890	1909	1909	
25	52	162	52	110	-110	-274	26		119	-30	26	1885	1904b	1884	1884	
26	33	162	33	129	-129	-220	27		119	-28	27	1884	1885	1890	1890	
27	31	162	31	131	-131	-251	28		118	-28	28	"	1884	1904b	1904b	
28	28	162	28	134	-134	-266	29		120	-26	29	1885	"	1885	1885	
29	31	161	31	130	-130	-215	30		119	-26	30	1883	1885	1884	1884	
30	25	162	25	137	-137	-278	31		119	-25	31	1885	1883	"	"	
31	18	162	18	144	-144	-260			119							

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

DETERMINATION OF PRIORITY WATER

SEPTEMBER 2016

Mean daily discharge - cubic feet per second

2016	SAN CARLOS RESERVOIR				ASHURST-HAYDEN DAM				DAILY CALL SYSTEM				VERSION 7.08	
	RELEASES		STORAGE		Sluiced and/or Spilled		Natural Flow		Gain/Loss		COMPUTED		PRIORITY YEAR	
	River Inflow	Total	Natural Flow	Stored	Inflow Minus Outflow	Ac-ft change S C Res.	Diverted	Stored	Natural Flow	Nat. Flow Available to Project	Duncan Virden	Safford	Winkelman	Ashurst-Hayden
AUG 31	18	162	18	144	-144	-260	118	118	-18	35	1887	1885	1885	1885
SEP 1	16	162	16	146	-146	-257	163	128	19	35	1889	1887	1883	1883
2	14	162	14	148	-148	-239	130	130	-14	35	1899	1889	1885	1885
3	105	162	105	57	-57	-237	121	50	71	71	1888	1899	1887	1887
4	71	162	71	91	-91	-204	119	80	39	39	1884	1888	1889	1889
5	44	162	44	118	-118	-172	118	104	14	14	1882	1884	1889	1899
6	24	162	24	138	-138	-247	122	121	1	1	1904b	1882	1888	1888
7	16	162	16	146	-146	-184	132	128	4	4	1924	1904b	1884	1884
8	480	131	131	349	-107	-187	238	238	107	587	"	1924	1882	1882
9	1310	124	124	1186	153	153	129	129	5	1315	"	"	1904b	1904b
10	1850	124	124	1726	1061	1061	100	100	-24	1826	"	"	1924	1924
11	1020	125	125	895	1402	1402	97	97	-28	992	"	"	"	"
12	508	126	126	382	1090	1090	120	120	-6	502	"	"	"	"
13	364	126	126	238	546	546	102	102	-24	340	"	"	"	"
14	758	127	127	631	450	450	99	99	-28	730	"	"	"	"
15	279	127	127	152	699	699	97	97	-30	249	"	"	"	"
16	228	127	127	101	150	150	96	96	-31	197	1915	"	"	"
17	190	127	127	63	169	169	96	96	-31	159	"	1915	"	"
18	160	127	127	33	76	76	96	96	-31	129	1907	"	"	"
19	139	127	127	12	-67	-67	96	96	-31	108	1913	1907	1915	1915
20	121	127	121	6	-6	19	98	5	-28	93	1912	1913	"	"
21	110	127	110	17	-17	-19	98	15	-27	83	1895	1912	1907	1907
22	97	127	97	30	-30	-113	95	26	-28	69	1880	1895	1913	1913
23	89	127	89	38	-38	-94	96	33	-26	63	1897	1880	1912	1912
24	82	127	82	45	-45	-112	95	40	-27	55	1894	1894	1895	1895
25	78	127	78	49	-49	-130	95	43	-26	52	1893	"	1880	1880
26	75	127	75	52	-52	-130	97	46	-24	51	1908	1893	1894	1894
27	68	127	68	59	-59	-92	99	52	-21	47	1895	1908	"	"
28	65	127	65	62	-62	-184	136	55	16	81	1924	1895	1893	1893
29	66	127	66	61	-61	-91	118	54	64	64	"	1924	1908	1908
30	172	127	127	45	-163	-163			-2					

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

12% transit loss on daily Stored releases...

DETERMINATION OF PRIORITY WATER

OCTOBER 2016

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		Diverged		Stored		Natural Flow		COMPUTED PRIORITY YEAR		VERSION 7.08
2016	River Inflow	Total	Natural Flow	Stored	Inflow Minus Outflow	Ac-ft change S C Res.	OCT	Natural Flow	Nat. Flow Available to Project	Gain/Loss Nat. Flow	Duncan Virden	Safford	Winkelman	Ashurst-Hayden	OCT	COMPUTED PRIORITY YEAR
SEP 30	172	127	127	127	45	-163	1	127	172		1924	1924	1895	1895	1	
OCT 1	546	127	127	127	419	90	2	116	535	-11	"	"	"	"	2	
2	1270	127	127	127	1143	644	3	105	1248	-22	"	"	"	"	3	
3	609	127	127	127	482	1141	4	104	586	-23	"	"	"	"	4	
4	442	127	127	127	315	726	5	101	416	-26	"	"	"	"	5	
5	340	127	127	127	213	461	6	101	314	-26	"	"	"	"	6	
6	288	108	108	108	180	263	7	99	279	-9	"	"	"	"	7	
7	241	97	97	97	144	348	8	81	225	-16	"	"	"	"	8	
8	204	98	98	98	106	372	9	78	184	-20	"	"	"	"	9	
9	417	97	97	97	320	62	10	75	395	-22	"	"	"	"	10	
10	766	97	97	97	669	737	11	73	742	-24	"	"	"	"	11	
11	314	97	97	97	217	601	12	78	295	-19	"	"	"	"	12	
12	258	97	97	97	161	326	13	81	242	-16	"	"	"	"	13	
13	212	97	97	97	115	373	14	76	191	-21	"	"	"	"	14	
14	174	97	97	97	77	88	15	76	153	-21	"	"	"	"	15	
15	162	97	97	97	65	133	16	75	140	-22	"	"	"	"	16	
16	150	97	97	97	53	67	17	75	128	-22	"	"	"	"	17	
17	140	97	97	97	43	44	18	73	116	-24	"	"	"	"	18	
18	130	97	97	97	33	23	19	72	105	-25	1915	"	"	"	19	
19	125	97	97	97	28	44	20	72	100	-25	1924	1915	"	"	20	
20	121	118	118	118	3	-44	21	72	75	-46	1921	1924	"	"	21	
21	112	130	112	18	-18	-45	22	91	75	-37	1915	1921	1915	"	22	
22	104	130	104	26	-26	-44	23	93	70	-34	"	1915	1924	1924	23	
23	101	130	101	29	-29	-133	24	95	69	-32	"	"	1921	1921	24	
24	98	144	98	46	-46	-67	25	100	60	-38	1924	"	1915	1915	25	
25	94	153	94	59	-59	-132	26	109	57	-37	"	1924	"	1915	26	
26	90	153	90	63	-63	-88	27	111	56	-34	"	"	"	"	27	
27	87	153	87	66	-66	-284	28	111	53	-34	"	"	1924	1924	28	
28	85	56	56	56	29	21	29	104	133	48	1892	"	"	"	29	
29	84	81	81	81	84	153	30	20	104	20	1924	1892	"	"	30	
30	81	81	81	81	81	176	31	20	81	20	"	1924	"	"	31	
31	79	79	79	79	79	110										

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

12% transit loss on daily stored releases...

DETERMINATION OF PRIORITY WATER

NOVEMBER 2016

Mean daily discharge - cubic feet per second

2016 OCT NOV	SAN CARLOS RESERVOIR				ASHURST-HAYDEN DAM				DAILY CALL SYSTEM				Ashurst-Hayden	
	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.							NOV	Duncan Virden		Safford
1	79	79	77	66	110	15	14	14	29	108	1924	1892	1924	
2	78	78	78	178	66	40	14	14	54	131	"	"	"	
3	79	36	43	111	3	10	14	14	24	102	"	"	"	
4	198	57	141	179	4	10	14	14	-12	67	"	"	"	
5	1022	21	1001	450	5	200	14	14	157	355	"	"	"	
6	884	884	884	1592	6	40	14	14	33	1055	"	"	"	
7	267	267	267	902	7	20	14	14	34	918	"	"	"	
8	232	232	232	482	8	20	14	14	34	301	"	"	"	
9	202	35	167	243	9	10	13	13	23	255	"	"	"	
10	182	54	128	243	10	5	12	12	-18	184	"	"	"	
11	171	54	117	221	11	5	11	11	-38	144	"	"	"	
12	158	19	139	221	12	5	10	10	-39	132	"	"	"	
13	128	128	128	248	13	30	10	10	21	179	"	"	"	
14	124	124	124	99	14	20	9	9	29	157	"	"	"	
15	114	114	114	349	15	10	8	8	18	142	"	"	"	
16	113	113	113	150	16	5	7	7	12	126	"	"	"	
17	110	25	85	150	17	5	6	6	11	124	"	"	"	
18	108	55	53	51	18	5	5	5	-15	95	"	"	"	
19	106	22	84	201	19	5	4	4	-46	62	"	"	"	
20	105	105	105	363	20	5	4	4	-13	93	"	"	"	
21	112	65	47	661	21	30	4	4	34	139	"	"	"	
22	112	128	16	205	22	40	3	3	-22	90	"	"	"	
23	110	131	21	206	23	30	3	3	-82	30	"	"	"	
24	113	132	19	19	24	30	2	2	-80	30	"	"	"	
25	122	133	122	11	25	20	2	2	-93	20	"	"	"	
26	126	233	107	130	26	10	1	1	-112	10	"	"	"	
27	122	160	38	156	27	10	1	1	-116	10	"	"	"	
28	123	28	95	104	28	10	10	10	-112	10	"	"	"	
29	126	126	126	210	29	50	40	40	22	145	"	"	"	
30	129	129	129	105	30	40	40	40	40	166	"	"	"	

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

12% transit loss on daily Stored releases...

DETERMINATION OF PRIORITY WATER

DECEMBER 2016

Mean daily discharge - cubic feet per second

2016	SAN CARLOS RESERVOIR				ASHURST-HAYDEN DAM				DAILY CALL SYSTEM				VERISON 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		DEC	Duncan Virden	Safford	Winkelman	Ashurst-Hayden
NOV 30	129	129			129	105	40				40	169	1	1924	1924	1924	1924	
DEC 1	136	136	60		136	369	20				20	156	2	"	"	"	"	
2	132	60	87		72	79	10				-50	82	3	"	"	"	"	
3	130	87	87		43	27	10				-77	53	4	1912	"	"	"	
4	134	99	99		35	26		22		22	-77	57	5	1915	1912	"	"	
5	131	73	73		58	27	4	69		69		131	6	1907	1915	"	"	
6	110	55	55		55	319		54		54	-1	109	7	1924	1907	1912	1912	
7	104	65	65		39	-80		50		50	-15	89	8	"	1924	1915	1915	
8	96	85	85		11			58		58	-27	69	9	1915	"	1907	1907	
9	97	106	97	9	-9			71	8	63	-34	63	10	"	1915	1924	1924	
10	104	127	104	23	-27			86	20	66	-38	66	11	"	"	"	"	
11	104	131	104	27	-26			101	24	77	-27	77	12	"	"	1915	1915	
12	114	143	114	29	-53			105	26	79	-30	84	13	1921	"	"	"	
13	113	154	113	41	-41			121	36	85	-23	90	14	1912	1921	"	"	
14	107	152	107	45	-45			124	40	84	-20	87	15	1921	1912	"	"	
15	97	167	97	70	-79			130	62	68	-26	71	16	"	1921	1921	1921	
16	84	172	84	88	-88			144	77	67	-14	70	17	"	"	1912	1912	
17	90	171	90	81	-81			144	71	73	-14	76	18	"	"	1921	1921	
18	104	170	104	66	-66			145	58	87	-14	90	19	"	"	"	"	
19	111	169	111	58	-58			146	51	95	-13	98	20	"	"	"	"	
20	130	168	130	38	-38			146	33	113	-14	116	21	"	"	"	"	
21	128	167	128	39	-39			175	34	141	16	144	22	"	"	"	"	
22	133	157	133	24	-24			214	21	193	75	208	23	1924	"	"	"	
23	272	149	149		123	27	3	225	79	351	79	351	24	"	"	"	"	
24	1096	149	149		947	500	3	216	70	216	70	1166	25	"	1924	1921	1921	
25	2089	149	149		1940	1554	3	211	65	211	65	2154	26	"	"	1924	1924	
26	2619	150	150		2469	2661	3	201	54	201	54	2673	27	"	"	"	"	
27	2878	150	150		2728	2830	3	200	53	200	53	2931	28	"	"	"	"	
28	1998	150	150		1848	3194		189	189	189	189	2037	29	"	"	"	"	
29	1293	56	56		1237	2090		174	174	174	118	1411	30	"	"	"	"	
30	996				996	1692		104	104	104	104	1100	31	"	"	"	"	
31	869				869	1431												

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

**RELATIVE DIVERSION RIGHT BASED ON DIVERSION RIGHT
OF ONE CUBIC FOOT PER SECOND FOR EACH EIGHTY ACRES**

THEN BEING IRRIGATED

Year of Prior.	Duncan Valley		Sanford Valley		Total Upper Valley's San Carlos Indian Reserv.		Winkelman Valley		U.S.A. Decreased	GRIC TBI	GRIC Decreased	SCIDD Decreased	SCIDD TBI	SCIDD Decreased	SCIDD TBI	Total Decreased	Total TBI	Total USA TBI	Year of Prior.
	Decreased	TBI 2016	Decreased	TBI 2016	Decreased	TBI 2016	ASARCO Inc.*	KEARNEY Inc.*											
Immense Rights																			Immense Rights
1846																			1846
1868																			1868
1872																			1872
1873																			1873
1874	6.3	4.8	7.9	10.3	12.5	3.6			437.5	437.5	238.4							1874	
1875			6.3	0.4					449.5	449.5								1875	
1876			0.4	0.7					472.7	472.7								1876	
1877			0.7	1.0					487.7	487.7								1877	
1878			1.0	1.4					498.9	498.9								1878	
1879			1.4	2.3					508.6	508.6								1879	
1880			2.3	4.3					521.7	521.7								1880	
1881			4.3	8.2					534.7	534.7								1881	
1882			8.2	15.2					548.5	548.5								1882	
1883			15.2	29.6					562.8	562.8								1883	
1884			29.6	55.2					577.4	577.4								1884	
1885			55.2	88.2					592.3	592.3								1885	
1886			88.2	138.8					607.7	607.7								1886	
1887			138.8	187.8					623.5	623.5								1887	
1888			187.8	239.6					639.7	639.7								1888	
1889			239.6	292.8					656.3	656.3								1889	
1890			292.8	347.6					673.3	673.3								1890	
1891			347.6	404.8					690.7	690.7								1891	
1892			404.8	463.5					708.5	708.5								1892	
1893			463.5	522.7					726.7	726.7								1893	
1894			522.7	582.4					745.3	745.3								1894	
1895			582.4	642.6					764.3	764.3								1895	
1896			642.6	703.3					783.7	783.7								1896	
1897			703.3	764.5					803.5	803.5								1897	
1898			764.5	826.2					823.7	823.7								1898	
1899			826.2	888.4					844.3	844.3								1899	
1900			888.4	951.1					865.3	865.3								1900	
1901			951.1	1014.8					886.7	886.7								1901	
1902			1014.8	1079.5					908.5	908.5								1902	
1903			1079.5	1145.2					930.7	930.7								1903	
1904			1145.2	1211.9					953.3	953.3								1904	
1905			1211.9	1279.6					976.3	976.3								1905	
1906			1279.6	1348.3					1000.0	1000.0								1906	
1907			1348.3	1418.0					1024.1	1024.1								1907	
1908			1418.0	1488.7					1048.7	1048.7								1908	
1909			1488.7	1560.4					1073.7	1073.7								1909	
1910			1560.4	1633.1					1100.0	1100.0								1910	
1911			1633.1	1706.8					1126.7	1126.7								1911	
1912			1706.8	1781.5					1153.7	1153.7								1912	
1913			1781.5	1857.2					1181.0	1181.0								1913	
1914			1857.2	1933.9					1208.7	1208.7								1914	
1915			1933.9	2011.6					1236.7	1236.7								1915	
1916			2011.6	2090.3					1265.0	1265.0								1916	
1917			2090.3	2170.0					1293.7	1293.7								1917	
1918			2170.0	2250.7					1322.7	1322.7								1918	
1919			2250.7	2332.4					1352.0	1352.0								1919	
1920			2332.4	2415.1					1381.6	1381.6								1920	
1921			2415.1	2498.8					1411.5	1411.5								1921	
1922			2498.8	2583.5					1441.7	1441.7								1922	
1923			2583.5	2669.2					1472.2	1472.2								1923	
1924			2669.2	2755.9					1503.0	1503.0								1924	
1925			2755.9	2843.6					1534.1	1534.1								1925	
1926			2843.6	2932.3					1565.5	1565.5								1926	
1927			2932.3	3022.0					1597.2	1597.2								1927	
1928			3022.0	3112.7					1629.2	1629.2								1928	
1929			3112.7	3204.4					1661.5	1661.5								1929	
1930			3204.4	3297.1					1694.1	1694.1								1930	
1931			3297.1	3390.8					1726.9	1726.9								1931	
1932			3390.8	3485.5					1760.0	1760.0								1932	
1933			3485.5	3581.2					1793.3	1793.3								1933	
1934			3581.2	3677.9					1826.9	1826.9								1934	
1935			3677.9	3775.6					1860.7	1860.7								1935	
1936			3775.6	3874.3					1894.7	1894.7								1936	
1937			3874.3	3974.0					1928.9	1928.9								1937	
1938			3974.0	4074.7					1963.3	1963.3								1938	
1939			4074.7	4176.4					1997.9	1997.9								1939	
1940			4176.4	4279.1					2032.7	2032.7								1940	
1941			4279.1	4382.8					2067.7	2067.7								1941	
1942			4382.8	4487.5					2102.9	2102.9								1942	
1943			4487.5	4593.2					2138.3	2138.3								1943	
1944			4593.2	4700.0					2173.9	2173.9								1944	
1945			4700.0	4807.8					2209.7	2209.7								1945	
1946			4807.8	4916.6					2245.7	2245.7								1946	
1947			4916.6	5026.4					2281.9	2281.9								1947	
1948			5026.4	5137.2					2318.3	2318.3								1948	
1949			5137.2	5249.0					2354.9	2354.9								1949	
1950			5249.0	5361.8					2391.7	2391.7								1950	
1951			5361.8	5475.6					2428.7	2428.7								1951	
1952			5475.6	5590.4					2465.9	2465.9								1952	
1953			5590.4	5706.2					2503.3	2503.3								1953	
1954			5706.2	5823.0					2540.9	2540.9								1954	
1955																			

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		Colmenero		Sexton		R. Sexton		York		F. E. Ross		York Cattle		J. H. Brown		R. K. Davis		Laura Short		Total					
	Decreed	TBI 2016	Decreed	TBI 2016	Decreed	TBI 2016	Decreed	TBI 2016	Decreed	TBI 2016	Decreed	TBI 2016	Decreed	TBI 2016	Decreed	TBI 2016	Decreed	TBI 2016	Decreed	TBI 2016	Decreed	TBI 2016	Decreed	TBI 2016	Decreed	TBI 2016	Decreed	TBI 2016		
1874	6.3	4.8																												
1881	12.1	9.2																												
1882	13.2	10.1																												
1884			0.4	0.2																										
1885	15.5	11.8	2.1	1.2	1.0	0.6																								
1886			4.0	2.4	2.0	1.1																								
1887	16.1	12.3	4.1	2.4																										
1888			6.5	3.8	7.2	4.0																								
1889			7.8	4.6																										
1891	16.5	12.6	7.9	4.6																										
1892	17.7	13.5	8.0	4.7																										
1893	17.8	13.6	8.7	5.1																										
1894			11.0	6.5	8.2	4.6																								
1895	19.8	15.1	11.9	7.0	9.6	5.4																								
1896	21.0	16.0	14.0	8.2																										
1897	21.1	16.1	22.1	13.0	13.7	7.6																								
1898	24.4	18.6	26.2	16.6	14.4	8.0																								
1900	27.6	21.0	29.3	17.2	14.6	8.1																								
1901			29.4	17.3																										
1902																														
1903																														
1904	28.5	21.7																												
1905			28.9	17.6	15.1	8.4																								
1906			30.1	17.7	15.2	8.5																								
1907			30.2	17.8																										
1908			30.9	18.2	16.6	9.3																								
1909			31.0	18.2																										
1910			31.1	18.3																										
1911	29.1	22.2	31.2	18.3																										
1912			31.3	18.4																										
1913			31.4	18.5																										
1914	29.4	22.4	31.7	18.6																										
1915			31.8	18.7	17.0	9.5																								
1916			31.9	18.8	17.1	9.5																								
1917	33.6	25.6	31.9	18.8	17.2	9.6																								
1918			32.0	18.8	17.3	9.7																								
1919			32.1	18.9																										
1920			32.2	18.9																										
1921			32.2	18.9																										
1926	34.5	26.3																												
1929			32.5	19.1																										
Total	34.5	26.3	32.5	19.1	17.3	9.7	5.5	1.7	1.8	3.9	0.1	0.6	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.5	0.0	0.1	85.8	100.6	55.1		
DECREED ACRES	2,759.90		2,597.65		1,387.20	441.00	137.90	144.10	315.10	11.60	25.60	26.30	26.30	26.30	26.30	26.30	26.30	26.30	26.30	26.30	26.30	26.30	36.50	0.00	8.80	79.41.45				
TBI ACRES	2,104.34		1,527.50		773.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.465.14			
% REDUCTION	23.75%		41.20%		44.25%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	44.53%		
% ACRES TBI	76.25%		58.80%		55.75%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	55.47%			

Note: For blank spaces use first figure above.
Modified effective December 1, 2005 in accordance with Court Order.

RELATIVE DIVERSION RIGHT FOR SAFFORD VALLEY

Based on one cubic foot per second for each eighty acres

THEN BEING IRRIGATED

Year	Consolidated Brown		Fourmes		San Jose		Montezuma		Union-Sunflower		Graham		Smithville		Dodge-Navada		Curtis		Fort Thomas		Coburn-Jones		Total	Total	
	Decreed	TBI	Decreed	TBI	Decreed	TBI	Decreed	TBI	Decreed	TBI	Decreed	TBI	Decreed	TBI	Decreed	TBI	Decreed	TBI	Decreed	TBI	Decreed	TBI			Decreed
1872																									
1873																									
1874	0.5	0.3			1.0	1.0	0.7	0.7	3.4	2.3	0.4	0.3	0.4	0.3	0.9	0.7							0.4	0.3	
1875	1.0	0.6			3.8	3.1	6.1	4.2	4.7	3.2	0.4	0.3	3.2	2.3	1.0	0.8							1.0	0.7	
1876	1.2	0.7			7.5	6.0	7.3	5.0	6.4	4.3	0.6	0.5	4.3	3.2	1.2	1.0							1.2	0.9	
1877	2.1	1.3			10.0	8.0	11.3	7.8	7.9	5.3	0.8	0.7	5.3	3.3	1.8	1.5							1.6	1.1	
1878	2.6	1.6			11.2	9.0	13.8	9.5	11.1	7.5	0.9	0.7	7.5	5.0	2.0	1.8							2.0	1.5	
1879	3.0	1.8			13.8	11.1	17.6	12.2	11.2	7.8	1.1	0.9	7.8	5.1	2.2	2.0							2.2	1.6	
1880	3.0	2.2			15.0	12.1	18.7	13.5	13.5	9.1	1.8	1.5	9.1	6.5	2.4	2.2							2.4	1.8	
1881	4.0	2.4			16.2	13.0	19.0	13.9	16.4	11.1	2.1	1.7	11.1	7.8	2.6	2.4							2.6	1.9	
1882	4.8	2.9			18.8	15.1	20.2	14.0	17.7	12.0	3.3	2.7	12.0	8.8	2.8	2.6							2.8	2.1	
1883	5.2	3.1			20.0	16.1	20.8	14.4	25.1	17.0	5.0	4.1	13.1	10.3	3.0	2.8							3.0	2.3	
1884	5.9	3.6			22.5	18.1	21.3	14.7	30.7	20.8	5.1	4.2	14.1	11.1	3.2	3.0							3.2	2.5	
1885	6.4	3.9			23.8	19.1	21.8	15.1	37.9	25.6	6.5	5.3	15.2	11.9	3.4	3.2							3.4	2.7	
1886	6.8	4.1			23.8	19.1	23.8	16.5	45.2	31.2	9.9	8.1	16.2	12.7	3.6	3.4							3.6	2.9	
1887	8.4	5.1			25.0	20.1	24.3	16.8	50.3	34.0	10.9	8.9	17.1	13.4	3.8	3.6							3.8	3.1	
1888	8.6	5.2			25.6	20.6	25.0	17.3	58.3	35.4	11.6	9.5	18.8	14.8	4.0	3.8							4.0	3.3	
1889	8.7	5.3			25.6	20.6	25.0	17.3	58.3	35.4	11.6	9.5	18.8	14.8	4.0	3.8							4.0	3.3	
1890	9.3	5.6			25.6	20.6	25.0	17.3	64.3	43.5	14.5	11.9	20.0	15.7	4.2	4.0							4.2	3.5	
1891	11.5	6.9	2.4	2.4	25.7	21.5	26.5	18.4	66.9	45.2	17.4	14.2	20.0	15.7	4.4	4.2							4.4	3.7	
1892	12.1	7.3			27.3	22.3	27.3	18.9	68.9	46.3	19.4	15.9	20.3	16.0	4.6	4.4							4.6	3.9	
1893	13.1	7.9			27.7	22.3	28.3	19.6	68.9	46.6	20.0	16.4	20.6	16.2	4.8	4.6							4.8	4.1	
1894	13.2	8.0			28.4	22.8	29.3	20.3	70.5	47.7	22.9	18.7	20.6	16.2	5.0	4.8							5.0	4.3	
1895	14.8	8.9			29.6	23.8	30.8	21.3	70.6	47.7	24.0	19.6	21.4	16.8	5.2	5.0							5.2	4.5	
1897					29.6	23.8	32.1	22.2	70.7	47.8	24.6	20.1	21.7	17.1	5.4	5.2							5.4	4.7	
1898					30.3	24.4	33.2	22.9	70.8	47.9	25.4	20.8	22.4	17.6	5.6	5.4							5.6	4.9	
1899	15.4	9.3			31.7	25.5	33.3	23.2	72.0	48.7	27.1	22.2	22.4	17.6	5.8	5.6							5.8	5.1	
1900					33.0	26.5	40.4	27.9	70.9	48.0	27.6	22.5	22.4	17.6	6.0	5.8							6.0	5.3	
1901	15.9	9.6			34.4	27.7	44.0	30.4	71.0	48.0	28.1	23.0	23.0	18.9	6.2	6.0							6.2	5.5	
1902					35.5	28.5	45.2	31.2	72.2	48.8	28.7	23.3	24.0	18.9	6.4	6.2							6.4	5.7	
1903					39.6	31.8	45.4	31.4	72.2	48.8	32.0	26.2	25.0	19.5	6.6	6.4							6.6	5.9	
1904					41.3	33.2	57.3	35.6	72.0	48.7	34.5	28.2	25.0	19.5	6.8	6.6							6.8	6.1	
1905					42.4	34.1	57.3	35.6	72.2	48.8	35.7	29.2	25.0	19.5	7.0	6.8							7.0	6.3	
1906					43.3	34.8	57.4	35.7	73.0	49.4	37.5	30.7	25.0	19.6	7.2	7.0							7.2	6.5	
1907					48.2	38.8	57.5	35.7	86.1	58.2	31.7	27.3	27.3	21.5	7.4	7.2							7.4	6.7	
1908					48.4	38.9	57.5	35.7	86.1	58.2	31.7	27.3	27.3	21.5	7.6	7.4							7.6	6.9	
1909					49.3	39.6	57.5	35.7	86.2	58.3	34.1	33.7	28.3	22.2	7.8	7.6							7.8	7.1	
1910					50.2	40.4	57.5	35.7	86.9	58.8	42.2	34.5	29.3	23.0	8.0	7.8							8.0	7.3	
1911					50.8	40.9	57.5	35.7	86.9	58.8	42.2	34.5	29.3	23.0	8.2	8.0							8.2	7.5	
1912									86.9	58.8	46.0	37.6	29.3	23.0	8.4	8.2							8.4	7.7	
1913									88.0	60.2	46.3	37.9	29.3	23.0	8.6	8.4							8.6	7.9	
1914									89.2	60.3	47.4	38.5	29.3	23.0	8.8	8.6							8.8	8.1	
1915									89.3	60.4	48.9	40.0	29.4	23.1	9.0	8.8							9.0	8.3	
1916									89.4	60.5	49.1	40.2	29.5	23.2	9.2	9.0							9.2	8.5	
1917	16.3	9.8			57.7	39.9	58.1	40.2	89.9	60.8	50.6	41.4	29.5	23.2	9.4	9.2							9.4	8.7	
1918					58.1	40.2	58.1	40.2	89.9	60.8	50.6	41.4	29.5	23.2	9.6	9.4							9.6	8.9	
1919					58.8	40.6	58.8	40.6	90.1	60.9	52.6	43.0	30.4	23.9	9.8	9.6							9.8	9.1	
1920					59.3	40.7	59.3	40.7	90.3	61.1	52.7	43.1	30.4	23.9	10.0	9.8							10.0	9.3	
Total	16.5	10.0	2.4	2.4	51.6	41.5	58.9	40.7	90.3	61.1	52.7	43.1	30.4	23.9	10.0	9.8							10.0	9.3	
DECREED ACRES	1,326.90		210.70		4,131.21		4,715.78		7,320.84		4,277.88		2,429.63		2,516.54		1,971.70		2,624.30		205.30		31,570.18		
TBI ACRES	401.44		191.20		3,322.04		3,259.66		4,883.50		3,449.65		1,908.27		2,049.82		1,585.14		1,240.64		0.00		22,011.66		
% REDUCTION	35.60%		9.23%		30.89%		30.89%		32.37%		18.21%		21.43%		18.55%		19.10%		52.72%		100.00%		28.05%		
% ACRES TBI	60.40%		90.76%		80.43%		69.12%		67.63%		81.79%		76.57%		81.45%		80.90%		47.28%		0.00%		71.91%		

Note: For blank spaces use first figure above.
Modified effective December 1, 2005 in accordance with Court Order.

2016

COMPARISON OF U.S.G.S. 2015 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	-255	64	15	-357	-40	-50	8	-113	13	-71	-245	-485	-1518
Gila River Near Clifton	137	513	-2	11	-124	-6	-154	-37	-292	-214	-641	-4443	-5252
San Francisco River @ Clifton	-307	-26	-15	-530	-60	-59	-46	-5	-29	-13	-7	437	-660
Head of Safford Valley	-49	-55	-38	-267	-5	-5	96	744	-562	-31	-124	-84	-380
Gila @ Catva	-54	-58	-29	-6	-6	-1	-154	260	544	183	79	-322	436
San Carlos River @ Peridot	155	6	0	-21	0	0	0	2	0	0	30	-1	171
Gila Below Coolidge Dam	68	-127	22	268	-49	-37	105	-13	-11	-14	-131	-534	-454
Gila @ Kelvin	-12	-73	-36	205	-54	-27	-21	-26	-12	-11	-28	-120	-213
Florence Casa Grande Canal	18	-21	361	241	324	324	240	62	-16	285	-450	-30	1338

2016

Gila River Below Blue Creek Near Virden, New Mexico

Mean daily diversions, cubic feet per second

2016 DAY	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	268	246	287	159	87	37	150	31	81	486	68	119
2	252	255	277	154	87	36	27	72	65	444	73	117
3	243	266	271	164	82	33	18	95	60	342	76	123
4	238	262	263	152	75	29	13	116	51	295	78	121
5	240	251	263	142	75	26	11	313	41	247	103	121
6	243	245	264	142	66	23	9.9	131	38	220	140	120
7	328	240	257	128	62	20	9.6	151	65	197	134	118
8	420	235	252	122	74	16	8.7	116	657	201	126	116
9	430	239	248	133	73	13	7.8	164	691	290	110	114
10	399	243	240	133	65	12	7.5	226	566	178	98	111
11	376	253	228	140	58	12	6.8	314	388	153	96	111
12	349	268	217	145	55	13	6.6	236	311	142	91	113
13	334	289	208	150	52	13	5.8	205	257	135	93	108
14	324	314	204	152	49	10	5.1	171	224	120	95	99
15	323	340	204	152	49	8.6	4.6	148	198	120	102	100
16	325	365	199	138	51	8.6	4.2	116	174	111	92	96
17	319	381	193	150	56	8.0	4.0	93	152	111	91	93
18	307	390	190	150	55	8.1	3.9	91	127	104	96	93
19	298	399	185	133	54	7.7	3.6	77	99	100	96	101
20	292	419	183	117	50	7.0	4.1	67	85	94	95	112
21	288	457	180	110	49	6.5	4.6	60	76	94	99	120
22	289	461	176	110	52	5.7	8.5	101	67	89	104	130
23	287	435	174	99	53	5.5	6.9	73	59	76	109	1360
24	284	414	172	99	56	5.4	6.7	60	55	70	110	3600
25	278	383	170	97	53	5.5	7.5	56	53	65	110	2160
26	278	351	171	91	48	5.8	9.2	54	55	73	112	1350
27	276	329	168	85	46	7.2	11	43	55	71	115	936
28	270	313	169	81	42	11	12	39	48	66	118	771
29	260	302	166	81	42	11	9.5	40	120	64	119	650
30	251		160	91	40	14	81	39	843	64	119	560
31	249		157		39		123	63		64		508
Total	9,318	9,345	6,496	3,800	1,795	418.6	591.1	3,561	5,761	4,886	3,068	14,351
Ac-ft	18,482	18,536	12,885	7,537	3,560	830	1,172	7,063	11,427	9,691	6,085	28,465

Total for the Year: 125,735 ac-ft

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

2016

GILA RIVER NEAR CLIFTON, ARIZONA

Mean daily diversions, cubic feet per second

2016 DAY	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	263	224	275	130	54	27	36	101	98	606	33	112
2	245	222	266	126	55	26	274	92	507	471	32	114
3	230	228	255	124	53	25	48	110	68	342	58	114
4	227	237	248	122	52	25	31	158	55	256	1,140	114
5	250	234	245	116	48	33	27	491	51	206	99	116
6	227	220	247	112	44	41	26	230	41	161	77	117
7	241	215	250	107	43	39	25	123	124	138	105	117
8	365	206	251	104	43	38	26	319	771	127	110	116
9	433	201	245	97	41	37	23	466	1,040	239	107	114
10	425	199	241	96	40	39	24	176	737	218	98	113
11	399	200	231	97	39	36	23	359	445	154	91	112
12	368	207	218	99	39	29	18	223	333	125	89	111
13	340	226	206	102	38	26	21	167	450	112	83	109
14	323	248	196	102	37	25	21	146	213	97	84	105
15	316	276	188	105	35	25	21	117	178	87	84	100
16	310	303	181	103	35	24	21	103	150	78	88	100
17	307	323	176	98	34	24	21	84	127	73	86	101
18	298	336	167	99	34	30	21	67	109	71	83	96
19	288	352	162	102	34	37	21	58	89	66	85	96
20	277	374	155	97	34	38	21	51	71	59	88	100
21	268	408	151	89	34	38	22	52	61	55	88	108
22	264	448	151	84	34	33	23	45	51	55	89	130
23	264	442	145	76	33	24	21	57	43	51	93	524
24	263	419	140	70	33	25	21	64	38	47	100	2,410
25	257	403	140	68	33	25	21	58	36	47	102	3,390
26	248	368	138	66	34	24	21	87	34	45	104	2,300
27	245	336	135	64	34	25	148	66	33	42	105	1,610
28	243	309	136	62	34	65	218	58	33	40	106	1,070
29	236	289	139	59	33	59	69	48	33	39	109	761
30	228		137	57	34	34	158	46	1,630	37	110	596
31	221		135		34		94	52		35		532
Total	8,869	8,453	5,950	2,833	1,202	976	1,565	4,274	7,649	4,179	3,726	15,608
Ac-ft	17,592	16,767	11,802	5,619	2,384	1,936	3,104	8,477	15,172	8,289	7,391	30,958

Total for the Year: 129,491 ac-ft

Drainage area - 4,010 sq. mi.

2016

SAN FRANCISCO RIVER AT CLIFTON, ARIZONA

Mean daily diversions, cubic feet per second

2016 DAY	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	110	137	194	128	64	26	30	28	43	507	53	65
2	106	148	199	119	60	25	69	38	41	247	54	64
3	106	148	199	119	58	24	41	88	46	159	61	64
4	110	136	203	109	52	21	33	44	40	124	363	65
5	113	128	206	101	45	21	27	673	34	105	310	64
6	174	127	206	98	46	19	21	201	35	89	126	63
7	215	125	208	98	46	19	17	282	222	79	94	64
8	265	122	221	109	47	20	17	119	1,990	74	83	63
9	235	121	219	111	48	20	16	198	789	74	77	64
10	190	122	197	114	46	23	17	111	260	85	74	63
11	172	131	181	117	43	23	15	177	150	75	71	63
12	157	146	172	114	40	23	15	131	108	71	68	62
13	147	167	168	111	33	22	16	99	86	67	67	63
14	144	188	168	114	35	21	15	119	74	66	66	64
15	146	207	155	101	35	20	15	115	67	65	65	65
16	147	224	152	101	32	18	16	82	63	63	62	65
17	143	239	150	103	34	17	17	66	59	61	62	70
18	139	256	148	98	39	17	17	57	54	59	61	87
19	137	279	147	96	45	16	18	50	52	59	62	87
20	135	309	139	91	41	16	19	83	51	57	61	81
21	136	352	138	82	39	16	22	45	51	58	63	78
22	137	367	139	75	36	16	21	42	47	57	62	350
23	139	361	139	73	34	17	20	41	45	56	63	2,610
24	139	326	143	79	30	19	23	42	45	56	62	1,410
25	143	281	142	73	29	18	26	40	44	56	62	804
26	143	251	133	73	28	19	24	38	48	56	64	592
27	143	227	124	77	25	18	23	37	50	55	66	436
28	138	212	120	71	27	20	23	42	50	53	66	345
29	135	201	116	68	26	22	26	42	59	54	67	290
30	133		117	71	23	26	49	40	812	52	65	260
31	132		116		24		41	44		53		253
Total	4,609	6,038	5,059	2,894	1,210	602	749	3,214	5,515	2,792	2,580	8,774
Ac-ft	9,142	11,976	10,035	5,740	2,400	1,194	1,486	6,375	10,939	5,538	5,117	17,403

Total for the Year: 87,345 ac-ft

Drainage area - 2,766 sq. mi.

2016

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

Mean daily diversions, cubic feet per second

2016 DAY	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	420	380	483	212	119	44	51	116	82	1,280	110	167
2	400	388	471	205	115	46	219	91	580	751	110	171
3	383	394	458	197	114	47	143	283	175	598	145	170
4	377	399	451	194	112	46	85	325	150	460	837	173
5	399	393	440	187	103	44	65	826	140	382	714	174
6	384	384	438	180	96	44	54	519	130	316	286	172
7	476	374	435	176	94	42	45	376	106	269	226	173
8	547	367	437	183	94	40	39	270	1,860	246	207	178
9	643	358	449	183	94	40	36	558	1,600	328	188	180
10	615	356	433	183	102	42	35	274	958	339	174	184
11	579	361	394	187	99	45	34	510	664	262	160	187
12	547	377	365	194	94	45	32	372	457	220	150	189
13	516	401	346	190	91	43	30	279	478	197	145	193
14	497	440	338	194	86	41	30	239	330	187	140	193
15	487	479	318	187	83	40	30	230	272	174	140	188
16	486	514	301	183	77	40	30	184	229	165	139	192
17	479	546	290	183	74	36	30	145	198	155	138	205
18	469	573	280	187	77	34	31	117	172	149	133	217
19	456	605	271	183	81	35	33	96	150	146	132	238
20	442	643	259	180	83	35	36	86	133	138	163	227
21	431	696	253	166	76	36	37	104	118	131	163	230
22	424	759	249	156	68	37	42	82	110	128	140	254
23	426	771	245	145	63	36	39	71	100	125	141	2,300
24	425	729	247	135	60	37	38	87	95	124	150	3,070
25	419	680	237	132	56	37	48	93	94	122	152	3,280
26	410	627	229	126	53	37	43	87	88	120	156	2,410
27	405	583	224	129	50	38	39	93	87	115	160	1,610
28	402	539	218	129	47	38	243	78	88	115	162	1,250
29	395	507	217	120	48	78	71	75	338	111	166	1,040
30	387		211	120	47	50	133	68	1,050	110	167	873
31	379		206		42		107	75		109		776
Total	14,105	14,623	10,193	5,126	2,498	1,253	1,928	6,809	11,032	8,072	5,994	20,864
Ac-ft	27,977	29,005	20,218	10,167	4,955	2,485	3,824	13,506	21,882	16,011	11,889	41,384

Total for the Year: 203,303 ac-ft

Drainage area - 7,896 sq. mi.

2016

GILA RIVER AT CALVA, ARIZONA

Mean daily diversions, cubic feet per second

2016 DAY	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	421	400	490	90	52	19	9.0	33	16	546	77	136
2	394	397	417	86	52	17	102	41	14	1,270	78	132
3	377	402	383	83	50	16	42	166	105	609	79	130
4	365	408	361	81	47	15	74	172	71	442	156	134
5	367	412	343	76	47	15	33	194	44	340	1,020	131
6	412	406	326	72	51	14	20	386	24	288	884	110
7	383	398	323	69	46	14	16	359	16	241	267	104
8	501	391	321	70	43	14	13	185	480	204	232	96
9	609	384	294	69	41	13	11	118	1,310	417	202	97
10	696	376	295	67	38	12	11	295	1,850	766	182	104
11	664	373	282	65	35	12	11	151	1,020	314	171	104
12	623	376	259	67	34	23	11	267	508	258	158	114
13	583	387	233	66	34	16	11	400	364	212	128	113
14	545	409	220	64	34	14	9.9	258	758	174	124	107
15	521	437	211	61	36	13	9.8	181	279	162	114	97
16	507	472	192	62	31	12	11	78	228	150	113	84
17	499	513	184	65	31	12	11	52	190	140	110	90
18	495	555	171	64	34	12	13	36	160	130	108	104
19	484	582	159	61	31	13	12	33	139	125	106	111
20	468	602	145	59	34	12	27	31	121	121	105	130
21	455	657	140	57	33	11	348	74	110	112	111	128
22	447	711	133	56	31	9.9	56	42	97	104	111	129
23	441	751	120	56	30	9.3	30	33	89	101	110	265
24	444	762	115	53	29	8.9	22	26	82	98	113	1,090
25	441	743	116	53	27	8.4	19	52	78	94	122	2,080
26	434	707	120	52	23	8.0	18	33	75	90	126	2,610
27	428	648	117	53	22	7.0	18	31	68	87	122	2,870
28	424	589	110	57	22	6.4	23	28	65	85	123	1,990
29	419	533	102	56	21	5.4	23	31	66	84	126	1,280
30	413		97	54	19	6.3	46	25	172	81	129	982
31	402		97		19		73	18		79		855
Total	14,662	14,781	6,876	1,944	1,077	368.6	1,133.7	3,829	8,599	7,924	5,607	16,507
Ac-ft	29,082	29,318	13,639	3,856	2,136	731	2,249	7,595	17,056	15,717	11,121	32,742

Total for the Year: 165,242 ac-ft

Drainage area - 11,470 sq. mi.

2016

SAN CARLOS RIVER NEAR PERIDOT, ARIZONA

Mean daily diversions, cubic feet per second

2016 DAY	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	20	26	9.7	2.6	0.2			17				
2	17	25	9.3	2.6	0.2			15				
3	16	35	8.9	2.1	0.2							
4	15	41	8.1	1.9	0.2						42	
5	13	38	7.8	1.7	0.1						1.9	
6	15	34	7.1	1.6	0.1							
7	102	31	7.4	1.4	0.1							
8	690	30	7.4	4.3	0.1							
9	344	29	6.5	4.0	0.1							
10	264	29	6.3	4.0	0.1							
11	196	29	6.4	3.7	0.1							
12	139	28	6.0	3.1	0.1							
13	126	27	5.8	2.8	0.0							
14	124	26	5.2	2.1	0.0							
15	136	25	5.2	1.7								
16	131	24	5.1	3.1								
17	97	22	4.8	1.2								
18	97	20	4.6	0.7	2.2							
19	110	19	4.0	0.7	0.3							
20	92	18	3.9	0.6	0.0			6.0				
21	87	18	3.9	0.5				5.0			1.2	
22	91	17	3.8	0.5							1.2	3.5
23	73	15	3.2	0.3								7.2
24	63	15	2.8	0.3								6.2
25	53	13	2.9	0.3								9.0
26	47	13	2.8	0.3								8.9
27	42	12	2.6	0.3								7.6
28	38	11	2.6	0.3								7.5
29	34	10	2.4	0.2								13
30	31		2.2	0.2								14
31	29		2.5									14
Total	3,332	680	161.2	49.1	4.1			43.0			46.3	90.9
Ac-ft	6,609	1,349	320	97	8			85			92	180

Total for the Year: 8,740 ac-ft

Drainage area - 1,026 sq. mi.

2016

GILA RIVER BELOW COOLIDGE DAM, ARIZONA

Mean daily diversions, cubic feet per second

2016 DAY	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1		104	228	365	400	452	234	233	162	127	2	2
2		104	229	365	401	442	233	229	162	127	2	60
3		160	236	363	437	452	233	227	162	127	36	87
4		195	266	381	473	479	232	186	162	127	57	99
5		216	304	390	476	489	230	169	162	127	21	73
6		225	304	394	479	488	230	224	162	108	2	55
7		225	304	394	482	485	230	225	162	97	2	65
8		212	310	393	485	468	230	200	131	98	2	85
9		199	315	392	486	422	230	186	124	97	35	106
10		199	325	391	485	396	229	186	124	97	54	127
11		200	337	390	484	354	229	134	125	97	54	131
12		200	337	389	486	281	229	109	126	97	19	143
13		200	337	397	486	280	228	159	126	97	2	154
14		200	337	377	484	257	228	160	127	97	2	152
15		201	336	317	481	228	228	161	127	97	2	167
16		201	335	305	479	219	227	161	127	97	2	172
17		227	335	305	495	223	227	161	127	97	25	171
18		223	335	303	502	233	227	162	127	97	55	170
19		208	335	303	493	253	227	162	127	97	22	169
20		208	335	302	501	253	227	162	127	118	2	168
21		209	352	317	507	253	226	161	127	130	65	167
22		210	363	373	504	254	226	162	127	130	128	157
23		210	363	389	480	253	235	162	127	130	131	149
24		210	364	388	463	253	242	162	127	144	132	149
25	29	211	364	388	461	253	241	162	127	153	133	149
26	44	212	364	387	460	251	241	162	127	153	233	150
27	40	227	364	386	458	229	241	162	127	153	160	150
28	63	235	363	386	458	227	241	162	127	56	28	150
29	86	236	363	386	457	234	241	161	127	2	2	56
30	101		364	386	456	234	240	162	127	2	2	2
31	102		364		454		240	162		2		2
Total	465	5,867	10,168	11,002	14,653	9,595	7,202	5,376	4,049	3,178	1,412	3,637
Ac-ft	922	11,637	20,168	21,822	29,064	19,032	14,285	10,663	8,031	6,304	2,801	7,214

Total for the Year: 151,944 ac-ft

Drainage area - 12,886 sq. mi.

2016

NATURAL FLOW RELEASED AT COOLIDGE DAM

Mean daily diversions, cubic feet per second

2016 DAY	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1		104	228	93	52	19	9	50	16	127		
2		104	229	89	52	17	102	56	14	127		60
3		160	236	85	50	16	42	166	105	127	36	87
4		195	266	83	47	15	74	172	71	127	57	99
5		216	304	78	47	15	33	169	44	127	21	73
6		225	304	74	51	14	20	224	24	108		55
7		225	304	70	46	14	16	225	16	97		65
8		212	310	74	43	14	13	185	131	98		85
9		199	301	73	41	13	11	118	124	97	35	97
10		199	301	71	38	12	11	186	124	97	54	104
11		200	288	69	35	12	11	134	125	97	54	104
12		200	265	70	34	23	11	109	126	97	19	114
13		200	239	69	34	16	11	159	126	97		113
14		200	225	66	34	14	10	160	127	97		107
15		201	216	63	36	13	10	161	127	97		97
16		201	197	65	31	12	11	78	127	97		84
17		227	189	66	31	12	11	52	127	97	25	90
18		223	176	65	36	12	13	36	127	97	55	104
19		208	163	62	31	13	12	33	127	97	22	111
20		208	149	60	34	12	27	37	121	118		130
21		209	144	57	33	11	226	79	110	112	65	128
22		210	137	56	31	10	56	42	97	104	112	133
23		210	123	56	30	9	30	33	89	101	110	149
24		210	118	53	29	9	22	26	82	98	113	149
25	29	211	119	53	27	8	19	52	78	94	122	149
26	44	212	123	52	23	8	18	33	75	90	126	150
27	40	227	120	53	22	7	18	31	68	87	122	150
28	63	235	113	57	22	6	23	28	65	56	28	150
29	86	236	104	56	21	5	23	31	66			56
30	101		99	54	19	6	46	25	127			
31	102		100		19		73	18				
Total	465	5,867	6,190	1,992	1,079	367	1,012	2,908	2,786	2,865	1,176	2,993
Ac-ft	922	11,637	12,278	3,951	2,140	728	2,007	5,768	5,526	5,683	2,333	5,937

Total for the Year: 58,910 ac-ft

2016

STORED WATER RELEASED AT COOLIDGE DAM

Mean daily diversions, cubic feet per second

2016 DAY	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1				272	348	433	225	183	146			
2				276	349	425	131	173	148			
3				278	387	436	191	61	57			
4				298	426	464	158	14	91			
5				312	429	474	197		118			
6				320	428	474	210		138			
7				324	436	471	214		146			
8				319	442	454	217	15				
9			14	319	445	409	219	68				9
10			24	320	447	384	218					23
11			49	321	449	342	218					27
12			72	319	452	258	218					29
13			98	328	452	264	217					41
14			112	311	450	243	218					45
15			120	254	445	215	218					70
16			138	240	448	207	216	83				88
17			146	239	464	211	216	109				81
18			159	238	466	221	214	126				66
19			172	241	462	240	215	129				58
20			186	242	467	241	200	125	6			38
21			208	260	474	242		82	17	18		39
22			226	317	473	244	170	120	30	26	16	24
23			240	333	450	244	205	129	38	29	21	
24			246	335	434	244	220	136	45	46	19	
25			245	335	434	245	222	110	49	59	11	
26			241	335	437	243	223	129	52	63	107	
27			244	333	436	222	223	131	59	66	38	
28			250	329	436	221	218	134	62			
29			259	330	436	229	218	130	61			
30			265	332	437	228	194	137				
31			264		435		167	144				
Total			3,978	9,010	13,574	9,228	6,190	2,468	1,263	307	212	638
Ac-ft			7,890	17,871	26,924	18,304	12,278	4,895	2,505	609	421	1,265

Total for the Year: 92,963 ac-ft

2016

GILA RIVER AT KELVIN ARIZONA

Mean daily diversions, cubic feet per second

2016 DAY	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	30	106	217	352	412	436	419	316	142	147	13	19
2	25	110	219	351	410	434	510	315	194	111	10	14
3	22	114	219	350	409	423	267	582	137	112	8	14
4	20	157	226	350	441	436	225	348	134	110	36	53
5	20	190	259	371	460	462	220	361	133	110	154	78
6	126	211	291	376	458	464	219	353	133	110	44	75
7	488	219	293	381	456	461	218	335	137	98	24	56
8	881	219	294	398	457	461	217	299	180	86	14	60
9	778	206	302	385	458	441	215	294	260	85	9	75
10	369	197	307	381	455	391	213	346	112	84	7	91
11	201	197	316	387	454	400	212	491	107	83	6	107
12	147	197	326	381	453	343	211	498	112	84	35	115
13	104	197	329	378	453	261	211	142	130	85	36	125
14	82	196	329	392	452	252	210	148	109	84	20	137
15	71	196	329	356	452	226	208	146	107	85	12	139
16	61	196	328	300	448	202	208	145	106	85	8	141
17	49	196	327	293	449	196	208	163	106	85	6	158
18	38	219	327	291	469	196	210	143	106	85	10	160
19	32	212	325	292	489	205	211	141	105	85	21	160
20	28	202	324	293	469	217	216	139	105	85	68	161
21	25	202	324	296	478	216	221	145	107	97	60	164
22	23	201	342	321	480	214	212	145	105	110	100	204
23	21	202	352	383	479	214	209	139	104	110	34	377
24	20	202	356	402	453	217	215	139	107	111	19	193
25	21	203	357	401	442	217	220	140	106	121	13	214
26	20	203	355	403	440	217	220	140	106	128	15	223
27	32	203	354	405	441	218	219	141	109	129	18	190
28	49	217	355	402	442	195	229	141	109	129	34	172
29	58	220	351	401	439	288	224	140	156	89	56	166
30	85		350	400	438	299	269	139	123	33	34	119
31	103		353		439		227	139		19		68
Total	4,029	5,590	9,736	10,872	13,975	9,202	7,293	7,253	3,787	2,975	924	4,028
Ac-ft	7,992	11,088	19,311	21,565	27,719	18,252	14,466	14,386	7,512	5,901	1,833	7,990

Total for the Year: 158,013 ac-ft

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

2016

OPERATION OF SAN CARLOS RESERVOIR

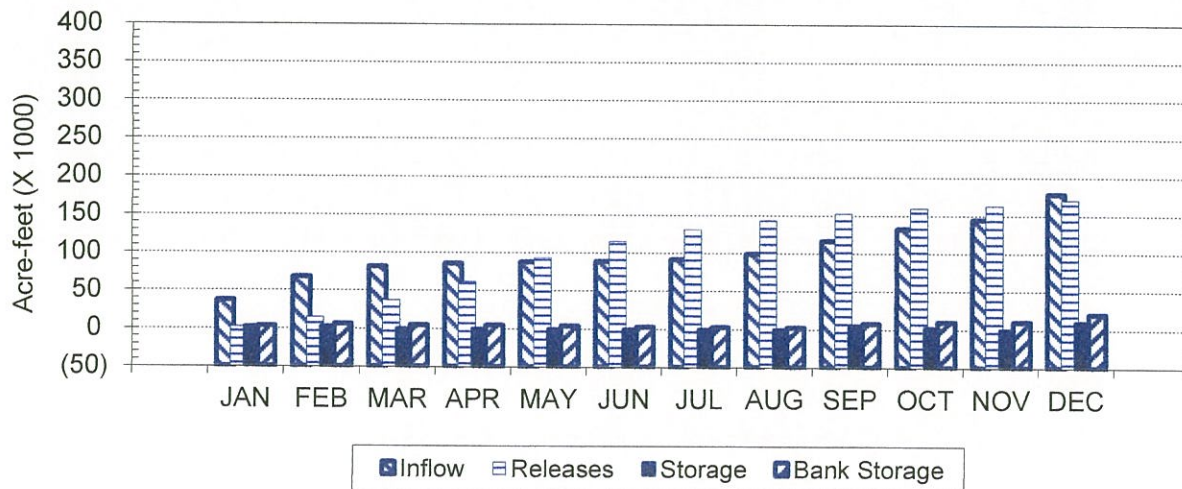
Quantities in Acre-Feet

2016 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	58534	90844	32310	29082	6609	787	36478	922	582	1504	2664	
FEB	90844	105855	15011	29318	1349		30667	11637	1217	12854	2802	
MAR	105855	98231	-7624	13639	320	4	13963	20168	2350	22518		-931
APR	98231	78179	-20052	3856	97	202	4155	21822	2256	24078	129	
MAY	78179	49985	-28194	2136	8	78	2222	29064	2758	31822		-1406
JUN	49985	30379	-19606	731		163	894	19032	2671	21703		-1203
JUL	30379	16602	-13777	2249		243	2492	14285	1923	16208	61	
AUG	16602	12903	-3699	7595	85	201	7881	10663	1286	11949		-369
SEP	12903	15886	2983	17056		242	17298	8031	899	8930	5385	
OCT	15886	22052	6166	15717		138	15855	6304	929	7233	2456	
NOV	22052	30379	8327	11121	92	556	11769	2801	593	3394	48	
DEC	30379	46200	15821	32742	180	714	33636	7214	376	7590	10225	
Totals			-12334	165242	8740	3328	177310	151943	17840	169783	23770	-3909

2016

In Acre-Feet

2016 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	58534							
JAN	90844	32310	36478	1504	2664	0	2664	2664
FEB	105855	15011	67145	14358	2802	0	5466	2802
MAR	98231	-7624	81108	36876	0	-931	4535	-931
APR	78179	-20052	85263	60954	129	0	4664	129
MAY	49985	-28194	87485	92776	0	-1406	3258	-1406
JUN	30379	-19606	88379	114479	0	-1203	2055	-1203
JUL	16602	-13777	90871	130687	61	0	2116	61
AUG	12903	-3699	98752	142636	0	-369	1747	-369
SEP	15886	2983	116050	151566	5385	0	7132	5385
OCT	22052	6166	131905	158799	2456	0	9588	2456
NOV	30379	8327	143674	162193	48	0	9636	48
DEC	46200	15821	177310	169783	10225	0	19861	10225
Graph:	STORAGE		INFLOW	RELEASES	BANK STOR/REL			



2016

WATER SURFACE ELEVATIONS, SAN CARLOS RESERVOIR

Elevation in Feet

2016 DAY	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	2426.62	2434.56	2437.98	2436.08	2431.34	2423.71	2417.41	2411.40	2409.07	2411.03	2414.08	2417.63
2	2426.84	2434.71	2438.10	2435.94	2431.16	2423.46	2417.33	2411.29	2408.92	2411.38	2414.16	2417.66
3	2427.04	2434.77	2438.15	2435.84	2430.94	2423.15	2417.18	2411.14	2408.77	2411.98	2414.21	2417.67
4	2427.26	2434.90	2438.21	2435.67	2430.75	2422.86	2416.98	2411.03	2408.64	2412.35	2414.29	2417.68
5	2427.45	2434.96	2438.23	2435.53	2430.48	2422.62	2416.86	2410.97	2408.53	2412.58	2414.49	2417.69
6	2427.74	2435.08	2438.21	2435.30	2430.25	2422.28	2416.66	2410.87	2408.37	2412.71	2415.18	2417.81
7	2428.06	2435.14	2438.20	2435.21	2430.05	2421.96	2416.47	2410.94	2408.25	2412.88	2415.56	2417.78
8	2428.52	2435.24	2438.18	2435.09	2429.82	2421.70	2416.28	2410.94	2408.18	2413.06	2415.76	2417.78
9	2428.98	2435.31	2438.17	2434.94	2429.57	2421.37	2416.06	2410.91	2408.28	2413.09	2415.86	2417.78
10	2429.42	2435.37	2438.14	2434.81	2429.32	2421.06	2415.86	2410.87	2408.96	2413.44	2415.96	2417.77
11	2429.82	2435.47	2438.12	2434.67	2429.10	2420.88	2415.64	2410.92	2409.82	2413.72	2416.05	2417.76
12	2430.17	2435.55	2438.08	2434.50	2428.89	2420.69	2415.45	2410.97	2410.46	2413.87	2416.14	2417.74
13	2430.49	2435.59	2437.99	2434.34	2428.66	2420.46	2415.21	2411.10	2410.77	2414.04	2416.24	2417.73
14	2430.81	2435.67	2437.95	2434.16	2428.43	2420.31	2415.03	2411.22	2411.02	2414.08	2416.28	2417.64
15	2430.97	2435.81	2437.91	2434.02	2428.14	2420.10	2414.82	2411.30	2411.40	2414.14	2416.42	2417.61
16	2431.30	2435.93	2437.87	2433.91	2427.89	2419.97	2414.54	2411.23	2411.48	2414.17	2416.48	2417.60
17	2431.57	2436.06	2437.74	2433.75	2427.65	2419.85	2414.34	2411.17	2411.57	2414.19	2416.54	2417.52
18	2431.86	2436.16	2437.69	2433.64	2427.45	2419.62	2414.14	2411.03	2411.61	2414.20	2416.56	2417.44
19	2432.13	2436.30	2437.66	2433.50	2427.20	2419.46	2413.96	2410.83	2411.58	2414.22	2416.64	2417.40
20	2432.36	2436.47	2437.52	2433.36	2426.91	2419.26	2413.72	2410.66	2411.59	2414.20	2416.64	2417.36
21	2432.57	2436.57	2437.45	2433.24	2426.66	2419.10	2413.62	2410.56	2411.58	2414.18	2416.90	2417.35
22	2432.84	2436.76	2437.32	2433.06	2426.34	2418.87	2413.46	2410.47	2411.52	2414.16	2416.98	2417.43
23	2433.08	2436.96	2437.15	2432.85	2426.08	2418.67	2413.23	2410.45	2411.47	2414.10	2417.06	2417.44
24	2433.30	2437.14	2437.07	2432.66	2426.86	2418.49	2412.98	2410.29	2411.41	2414.07	2417.08	2417.63
25	2433.51	2437.34	2436.95	2432.47	2425.53	2418.33	2412.76	2410.13	2411.34	2414.01	2417.22	2418.21
26	2433.66	2437.52	2436.82	2432.26	2425.30	2418.10	2412.52	2410.00	2411.27	2413.97	2417.27	2419.17
27	2433.88	2437.67	2436.73	2432.09	2425.05	2417.93	2412.31	2409.85	2411.22	2413.84	2417.33	2420.15
28	2434.04	2437.75	2436.58	2431.88	2424.79	2417.84	2412.07	2409.69	2411.12	2413.85	2417.37	2421.21
29	2434.15	2437.92	2436.46	2431.69	2424.51	2417.61	2411.87	2409.56	2411.07	2413.92	2417.45	2421.88
30	2434.33		2436.31	2431.51	2424.26	2417.49	2411.61	2409.39	2410.98	2414.00	2417.49	2422.41
31	2434.53		2436.18		2423.89		2411.37	2409.23		2414.05		2422.85

2016

WATER SURFACE AREAS, SAN CARLOS RESERVOIR

Area in Acres

2016 DAY	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	3663	4339	5102	4642	4035	3386	2618	1865	1601	1817	2211	2645
2	3679	4553	5131	4608	4018	3355	2609	1851	1588	1862	2221	2648
3	3693	4359	5143	4584	3997	3317	2591	1831	1574	1940	2227	2650
4	3709	4371	5157	4543	3979	3281	2567	1817	1563	1987	2238	2651
5	3723	4377	5162	4509	3954	3252	2552	1809	1553	2017	2264	2652
6	3744	4400	5157	4453	3932	3210	2528	1796	1538	2034	2351	2666
7	3767	4415	5155	4432	3913	3170	2506	1805	1528	2056	2397	2663
8	3801	4439	5150	4403	3895	3138	2483	1805	1521	2079	2421	2663
9	3834	4456	5147	4375	3877	3098	2457	1801	1530	2083	2433	2663
10	3866	4470	5140	4363	3859	3059	2433	1796	1591	2128	2445	2662
11	3895	4495	5135	4350	3843	3037	2406	1803	1668	2164	2455	2660
12	3925	4514	5126	4334	3828	3014	2383	1809	1743	2184	2466	2658
13	3955	4524	5104	4319	3811	2986	2355	1826	1783	2206	2478	2657
14	3985	4543	5094	4302	3794	2967	2333	1841	1816	2211	2483	2646
15	4000	4577	5085	4288	3773	2941	2306	1852	1865	2218	2500	2642
16	4031	4606	5075	4278	3755	2925	2270	1843	1875	2089	2507	2641
17	4057	4637	5044	4263	3737	2911	2244	1835	1887	2225	2514	2632
18	4084	4661	5031	4252	3723	2883	2218	1817	1892	2226	2516	2622
19	4131	4695	5024	4239	3705	2864	2195	1791	1888	2229	2526	2617
20	4131	4736	4990	4226	3684	2840	2164	1769	1889	2226	2526	2612
21	4151	4761	4973	4215	3665	2821	2151	1756	1888	2224	2557	2611
22	4177	4807	4942	4198	3642	2793	2131	1745	1880	2221	2567	2621
23	4200	4855	4901	4178	3769	2769	2101	1742	1874	2213	2576	2622
24	4220	4898	4881	4160	3607	2748	2069	1721	1866	2209	2579	2645
25	4240	4947	4852	4142	3583	2729	2040	1701	1857	2202	2596	2714
26	4254	4990	4821	4122	3566	2701	2009	1684	1848	2196	2602	2829
27	4275	5027	4799	4106	3548	2681	1982	1671	1841	2180	2609	2947
28	4290	5046	4763	4086	3519	2670	1951	1656	1829	2181	2614	2955
29	4301	5087	4734	4068	3484	2642	1925	1645	1822	2190	2623	3160
30	4318		4698	4051	3454	2628	1892	1630	1811	2200	2628	3226
31	4337		4666		3419		1861	1615		2207		3280

2016

AVAILABLE STORED WATER, SAN CARLOS RESERVOIR

Storage in Acre-feet

2016 DAY	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	59374	90975	107022	97765	77492	49066	30169	16657	12646	15976	22118	30748
2	60182	91626	107636	97118	76767	48224	29960	16453	12407	16620	22296	30827
3	60919	91888	107893	96658	75885	47090	29570	16177	12170	17761	22407	30854
4	61733	92455	108202	95882	75127	46233	29054	15976	11966	18487	22586	30880
5	62439	92718	108305	95249	74056	45449	28747	15868	11794	18948	23036	30907
6	63522	93244	108202	94218	73150	44351	28239	15687	11547	19211	24628	31226
7	64724	93509	108150	93818	72365	43330	27761	15813	11363	19559	25530	31146
8	66465	93951	108047	93288	71467	42510	27287	15813	11256	19931	26012	31146
9	68221	94263	107996	92630	70496	41481	26743	15759	11409	19993	26255	31146
10	69915	94530	107841	92062	69529	40527	26255	15687	12470	20730	26498	31119
11	71467	94979	107738	91452	68681	39978	25722	15777	13872	21331	26719	31093
12	72835	95339	107533	90714	67876	39403	25267	15868	14962	21657	26940	31040
13	74096	95520	107073	90022	66997	38713	24699	16104	15508	22030	27188	31013
14	75366	95882	106869	89246	66123	38267	24277	16324	15958	22118	27287	30774
15	76005	96521	106665	88645	65026	37646	23790	16472	16657	22251	27636	30695
16	77330	97072	106462	88174	64085	37265	23149	16342	16807	22318	27786	30669
17	78422	97673	105804	87491	63185	36915	22698	16232	16976	22362	27936	30458
18	79603	98138	105553	87022	62439	36248	22251	15976	17052	22385	27987	30248
19	80709	98793	105402	86428	61511	35789	21854	15616	16995	22429	28188	30143
20	81657	99594	104701	85835	60440	35218	21331	15313	17014	22385	28188	30038
21	82526	100069	104352	85329	59521	34765	21115	15137	16995	22340	28849	30012
22	83651	100978	103708	84572	58352	34120	20773	14979	16882	22296	29054	30221
23	84656	101944	102871	83692	57407	33563	20286	14944	16788	22163	29260	30248
24	85582	102822	102480	82900	56612	33067	19765	14667	16676	22096	29311	30748
25	86470	103806	101896	82112	55425	32629	19313	14393	16546	21964	29674	32302
26	87107	104701	101267	81244	54603	32004	18827	14173	16416	21876	29804	34963
27	88046	105452	100834	80545	53714	31547	18408	13922	16324	21592	29960	37793
28	88731	105855	100117	79684	52795	31306	17936	13656	16140	21613	30064	40987
29	89203	106716	99547	78910	51814	30695	17548	13441	16049	21766	30274	43077
30	89979		98840	78179	50947	30379	17052	13163	15886	21942	30379	44769
31	90844		98231		49985		16602	12903		22052		46200

2016

DAILY EVAPORATION, SAN CARLOS RESERVOIR

Acre-feet

2016 DAY	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	19	14	61	67	56	95	21	35	24	31	23	
2	19	30	66	70	73	99	53	23	36	22	28	6
3	20	19	49	73	81	129	71	38	42	31	30	18
4	5	23	63	90	114	109	74	31	42	30	14	13
5	7	31	64	88	92	108	84	19	42	27	14	14
6	14	34	79	84	101	121	25	43	29	26	16	10
7	21	26	62	4	78	106	73	41	6	35	17	14
8	4	33	46	47	71	125	57	52	32	42	34	14
9	7	37	71	67	77	113	80	35	36	23	33	12
10	2	29	60	33	71	60	75	43	34	26	24	12
11	14	34	68	60	134	59	81	75	38	27	20	18
12	13	34	74	56	64	96	70	65	36	36	19	11
13	12	33	68	72	98	86	79	45	17	30	19	14
14	24	51	70	93	95	87	78	40	24	26	17	9
15	8	53	72	119	131	90	85	48	37	35	16	15
16	21	35	73	91	94	93	77	43	34	30	20	17
17	23	48	86	30	78	99	62	39	33	32	31	16
18	15	41	92	81	33	96	58	45	34	35	25	11
19	21	35	80	91	66	106	50	51	44	34	25	18
20	34	42	83	94	110	90	46	34	21	37	18	14
21	32	61	75	194	99	94	49	32	29	32	11	2
22	21	80	115	79	99	93	72	42	38	26	12	26
23	18	70	93	92	102	82	72	69	26	30	12	5
24	26	46	81	12	94	72	74	41	31	25	18	26
25	30	50	93	100	108	62	46	42	35	35	18	8
26	29	47	104	78	74	64	61	40	16	29	18	8
27	22	51	83	79	93	64	56	26	20	32	19	7
28	17	66	98	92	91	86	51	34	17	23	7	4
29	21	64	86	63	102	69	49	37	18	32	11	15
30	39		71	57	89	18	51	39	28	26	24	11
31	24		64		90		43	39		24		8
Total	582	1,217	2,350	2,256	2,758	2,671	1,923	1,286	899	929	593	376

Total for the Year: 17,840 acre-feet

2016

DAILY RAINFALL, SAN CARLOS RESERVOIR

Acre-feet

2016 DAY	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1							166	160	28			
2							4			60	4	
3											159	
4	56										76	
5	142											
6	50								3			
7	416		4	67					57			
8	123			33						78		
9												
10				84		41						
11				18								
12								8	106			
13									7			
14												
15												33
16												48
17												
18					78							
19							37					
20								16			48	
21											239	161
22									6			96
23												
24												134
25								17				16
26									6			
27									17		30	
28						49			6			
29						55	36					
30						18			6			112
31												114
Total	787		4	202	78	163	243	201	242	138	556	714

Total for the Year: 3,328 ac-ft

2016

RAINFALL AT COOLIDGE DAM

Elevation approximately 2,550 feet

Inches

2016 DAY	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1							0.76	1.03	0.21			
2							0.02			0.39	0.02	
3											0.86	
4	0.18										0.41	
5	0.46											
6	0.16								0.02			
7	1.33		0.01	0.18					0.45			
8	0.39			0.09						0.45		
9												
10				0.23		0.16						
11				0.05								
12								0.05	0.75			
13									0.05			
14												
15												0.15
16												0.22
17												
18					0.25							
19							0.20					
20								0.11			0.23	
21											1.13	0.74
22									0.04			0.44
23												
24												0.61
25								0.12				0.07
26									0.04			
27									0.11		0.14	
28						0.22			0.04			
29						0.25	0.22					
30						0.08			0.04			0.42
31												0.42
Total	2.52		0.01	0.55	0.25	0.71	1.20	1.31	1.75	0.84	2.79	3.07

Note: T-Trace

Total for Year : 15 inches

1956-2016

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

1956-2016

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

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DAVID A. BROWN
DOUGLAS E. BROWN
J ALBERT BROWN

OF COUNSEL
TERRY GREEN

February 14, 2017

VIA CERTIFIED MAIL,
RETURN RECEIPT REQUESTED

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

Regional Director
Bureau of Reclamation
Lower Colorado Region
P.O. Box 427
Boulder City, NV 89005

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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 and General
Counsel
San Carlos Irrigation and Drainage
District
P.O. 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
P.O. Box 97
Sacaton, AZ 85747

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

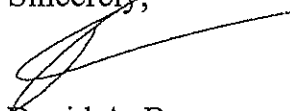
Re: 2016 annual report
February 14, 2017
Page 2

Re: 2016 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 2016."

Sincerely,



David A. Brown

J A. Brown

BROWN & BROWN LAW OFFICES, P.C.

DAB:lv
Enclosure

cc: Lorraine Hollingsworth
Brent Moody

Arizona Irrigation Districts

Provisional Annual Total Water Use 2016

Franklin Irrigation District		Gila Valley Irrigation District	
TBI (acres)	2,660.13	TBI (acres)	22,701.66
Surface Water (AF)		Surface Water (AF)	
JAN	37.85	JAN	78.00
FEB	276.74	FEB	1,416.00
MAR	763.14	MAR	14,596.00
APR	975.65	APR	13,043.00
MAY	463.88	MAY	6,077.00
JUN	114.44	JUN	3,729.00
JUL	243.00	JUL	5,065.00
AUG	1,508.00	AUG	10,653.00
SEP	600.00	SEP	1,884.00
OCT	816.00	OCT	770.00
NOV	432.00	NOV	2,212.00
DEC	113.00	DEC	4,828.00
FID Total SW	6,343.70	GVID Total SW	64,351.00
Pumped Water (AF)		Pumped Water (AF)	
Quarter I	600.86	Quarter I	22,969.30
II	3,546.03	II	29,015.88
III	2,270.67	III	18,477.04
IV	808.91	IV	1,714.61
FID Total PW	7,226.47	GVID Total PW	72,176.83
FID Total Water (AF)	13,570.17	GVID Total Water (AF)	136,527.83
FID Water Duty (AF/A)	5.10	GVID Water Duty (AF/A)	6.01

Arizona Irrigation Districts Totals

TBI (acres)	25,361.79
Surface Water (AF)	70,694.70
Pumped Water (AF)	79,403.30
Total Water (AF)	150,098.00
Water Duty (AF/A)	5.92

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

December 31 2016

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
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Gila River Indian Community
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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 2016 Annual Water Use Report

Dear Sir or Madam:

Enclosed please find a copy of the 2016 Annual Water Use Report for Sunset Ditch Company and New Mexico New Model.

Sincerely,

Sunset Ditch Company

Hollie Jones, Secretary

Encl.

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

cc: L. Anthony Fines via email
David Brown via email
Brent Moody via email
Patricia Doyle, Acting Water Commissioner, via email
Clients via email

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

New Mexico Canals Provisional Adjusted Total Water Use 2016

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)	1,897.44	New Model NM TBI (acres) (Just NM side)	214.00
Sunset Surface Water (AF)	5,578.47	New Model NM Surface Water (AF)	310.30
Sunset Pumped Water (AF)		New Model NM Pumped Water (AF)	690.64
Less Pump Only acres that are limited to 3 acre/feet	6,270.30 <u>-157.40</u> 6,112.90		
Sunset Total Use for Fallowing (AF)	0.00	New Model NM Total Use for Fallowing (AF)	0.00
Sunset Total Water (AF)	11,691.37	New Model NM Total Water (AF)	1,000.94

New Mexico Canals Totals

Subjugated Acres Not determined by STC
 TBI Eligible Acres Not determined by STC
 TBI (Acres) 2,111.44
 Surface Water (AF) 5,888.77
 Pumped Water (AF) 6,803.54
 Total Use for Fallowing
 Total Water (AF) 12,692.31 = 6.01 ac/ft.

Reports used:	December 2016 Summary of TBI Acres:	Gila Water Commissioner
	December 2016 Well Report:	NM State Engineer
	December 2016 Monthly Surface Water:	Gila Water Commissioner