

Seventy-Eighth 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

**2013**



**SEVENTY-EIGHTH ANNUAL REPORT**

**2013**

DISTRIBUTION OF WATERS OF THE GILA RIVER

By the

**GILA WATER COMMISSIONER**

Patricia A. Doyle

To the

UNITED STATES DISTRICT COURT

Safford, Arizona  
Sept 30, 2015

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 Seventy-eighth 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 2013.

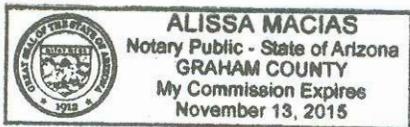
Respectfully,

*Patricia A. Doyle*

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 2013, 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 2013.



*Patricia A. Doyle*  
Patricia A. Doyle  
Gila Water Commissioner

Subscribed and sworn to before me this 29<sup>th</sup> day of September, 2015.

Notary Public

My commission expires: 11-13-15

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## Office Of The Gila Water Commissioner

512 2nd Avenue  
Safford, Arizona 85546  
928-428-3220

### PERSONNEL

<b>Patricia A. Doyle, Gila Water Commissioner</b>	<b>Safford, Arizona</b>
<b>B. Paul Curtis, Assistant Water Commissioner</b>	<b>Pima, Arizona</b>
<b>James W. Pavlacky, Water Specialist III</b>	<b>Safford, Arizona</b>
<b>Casey L. Windsor, Water Specialist I</b>	<b>Safford, Arizona</b>

### 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

January 1, 2013, the stored water in the San Carlos Reservoir amounted to 4,398 acre-feet of the 877,697 acre-feet total capacity. December 31, 2013, there was 126,049 acre-feet available stored water, at 14.36 % percent of total capacity.

There was apportioned to the Upper Valleys, (Franklin Valley and Safford Valley), for the year 2013, a total of 3.58 acre-feet of which 3.58 acre-feet of water was allocated for each acre then being irrigated.

The San Carlos Irrigation Project apportioned a total of .39 acre-feet of pumped and stored water for each acre. 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 amounted to 121,191 acre-feet. (Page 5)

Mean daily diversions of apportioned and priority water for each canal in the Duncan, Safford, Winkelman Valleys, and industrial diversions by ASARCO Incorporated are shown on plates 6 to 26.

Determination of when priority water was available is shown on plate 29.

## WATER SUPPLY

The flow of the Gila River, as recorded at Gila River at Head of Safford Valley Near Solomon for the year 2013 was 338,921 acre-feet. Inflow into the San Carlos Reservoir from the Gila River and the San Carlos River totaled 230,196 acre-feet.

For the year 2013 there were a total of 5600 acre-feet of water spilled and sluiced at Ashurst-Hayden Dam.

## 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
12/06/12	FLOW	REPORTED				
05/03/13	DRY	OBSERVED				
07/05/13	FLOW	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:

2013	Gila River below Blue Creek (good)*	San Francisco River at Clifton (good)*	Total	Gila at Calva (poor)*	Consumptive use	Accumulated Consumptive use
Jan.	5,754	4,957	10,711	5,625	5,086	5,086
Feb.	6,240	3,904	10,144	8,128	2,016	7,102
Mar.	9,495	8,745	18,240	5,746	12,494	19,596
Apr.	6,516	5,072	11,588	7,317	4,271	23,867
May	2,656	1,730	4,386	1,171	3,215	27,082
Jun.	249	648	897	185	712	27,794
Jul.	16,155	18,919	35,074	21,449	13,625	41,419
Aug.	14,850	20,075	34,925	21,097	13,828	55,247
Sep.	89,605	89,952	179,557	128,356	51,201	106,448
Oct.	10,737	7,510	18,247	11,990	6,257	112,705
Nov.	7,918	6,522	14,440	6,861	7,579	120,284
Dec.	7,722	7,035	14,757	12,264	2,493	122,777
<b>TOTALS</b>	<b>177,897</b>	<b>175,069</b>	<b>352,966</b>	<b>230,189</b>	<b>122,777</b>	<b>122,777</b>

# UPPER VALLEYS 2013 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.

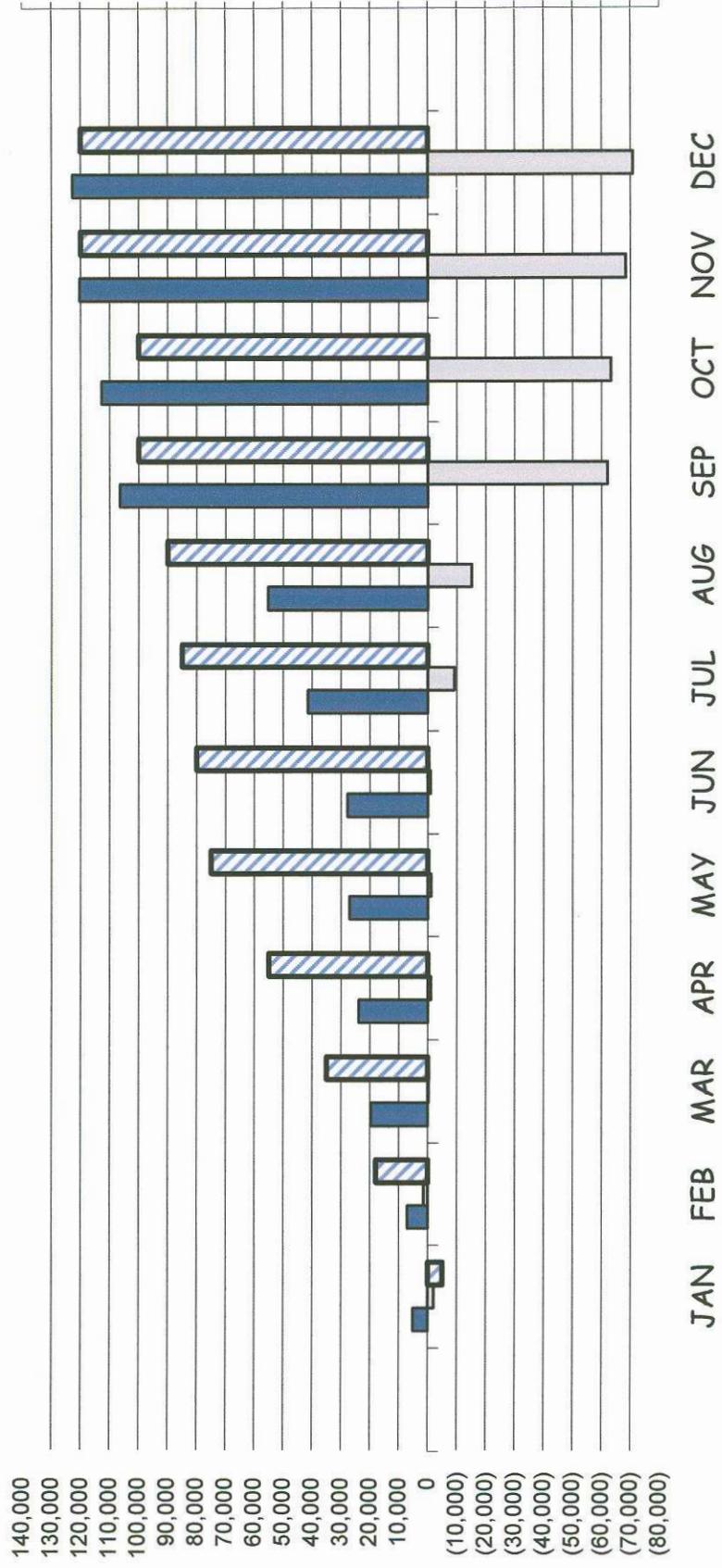
THIS TRACKING METHOD HAS NOT BEEN ADOPTED AS THE ONLY INDICATOR OR GUIDELINE IN PROJECTING  
ACTUAL CONSUMPTIVE USE under the Gila Decree

Input data rounded to USGS standards - IN ACRE-FEET

2013 MONTH	CONSUMPTIVE USE		UPPER VALLEYS and San Carlos Apache Tribe		HEAD OF SAFFORD VALLEY		FLOW BALANCE					ACCUM. FLOW BALANCE	TOTAL INFLOW Gila + SF	MAXIMUM CONSUMPTIVE USE RECOMMENDED		
	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	5,086	5,086	3,060	3,060	10,683	10,683	(2,026)	5,625	5,754	4,957	3,060	-2,026	10,711	75,000		
FEB	2,016	7,102	5,444	8,504	11,619	22,302	3,428	8,128	6,240	3,904	5,444	1,402	10,144	75,000		
MAR	12,494	19,596	10,784	19,288	16,124	38,426	(1,710)	5,746	9,495	8,745	10,784	-308	18,240	75,000		
APR	4,271	23,867	3,534	22,822	10,306	48,732	(737)	7,317	6,516	5,072	3,534	-1,045	11,588	75,000		
MAY	3,215	27,082	3,115	25,937	3,501	52,233	(100)	1,171	2,656	1,730	3,115	-1,145	4,386	75,000		
JUN	712	27,794	997	26,934	1,509	53,742	285	185	249	648	997	-860	897	80,000		
JUL	13,625	41,419	5,333	32,267	35,386	89,128	(8,292)	21,449	16,155	18,919	5,333	-9,152	35,074	85,000		
AUG	13,828	55,247	7,853	40,120	31,421	120,549	(5,975)	21,097	14,850	20,075	7,853	-15,127	34,925	90,000		
SEP	51,201	106,448	4,255	44,375	173,880	294,429	(46,946)	128,356	89,605	89,952	4,255	-62,073	179,557	100,000		
OCT	6,257	112,705	5,060	49,435	17,520	311,949	(1,197)	11,990	10,737	7,510	5,060	-63,270	18,247	100,000		
NOV	7,579	120,284	2,467	51,902	12,433	324,382	(5,112)	6,861	7,918	6,522	2,467	-68,382	14,440	120,000		
DEC	2,493	122,777	73	51,975	14,539	338,921	(2,420)	12,264	7,722	7,035	73	-70,802	14,757	120,000		
<b>TOTALS</b>	122,777		51,975		338,921		-70,802	230,189	177,897	175,069	51,975		352,966			
Graph	Consum. Use →		Diversions →		Graph										River Flow	Max Cons Use

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

2013  
**CONSUMPTIVE USE RECOMMENDATIONS Vs CUMULATIVE FLOW  
 BALANCE**



■ Consum. Use   □ Flow Balance   ▨ Max Cons Use

# 2013

## 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	5754	6240	9495	6516	2656	249	16155	14850	89605	10737	7918	7722	177897
Duncan Valley Diversions	0	16	515	892	1169	29	581	1028	300	639	329	0	5498
Gila River near Clifton	5441	6595	7018	4596	1299	801	15348	10739	77281	8446	4786	6907	149256
San Fran. River @ Clifton	4957	3904	8745	5072	1730	648	18919	20075	89952	7510	6522	7035	175067
Gila Solomon	10683	11619	16124	10306	3501	1509	35386	31421	173880	17520	12433	14539	338921
Safford Valley Diversions	3060	5429	10236	2595	1905	949	4722	6778	3939	4375	2081	0	46068
San Carlos Agency Divs.	0	0	33	47	39	18	30	46	15	46	59	72	407
Gila Calva	5625	8128	5746	7317	1171	185	21449	21097	128356	11990	6861	12264	230191
San Carlos R. @ Peridot	0	0	0	0	0	0	0	0	0	0	0	0	0
Stored Water	0	331	1619	8251	845	0	0	381	0	716	0	79	12222
Gila Below Coolidge Dam	857	6202	6863	15568	1120	97	1764	12145	7379	8010	1140	6423	67570
Winkelman Divs. (Indust)	665	699	830	765	971	726	745	936	893	920	804	749	9703
Winkelman Divs. (Ag.)	0	0	0	0	0	0	0	0	0	0	0	0	0
Gila River @ Kelvin	2654	7242	7521	13906	2492	86	4976	11120	7581	7113	958	6329	71979
A-H Diversions	2231	5778	6688	13052	2334	0	1408	9096	7028	6712	0	5188	59515
A-H Spilled	712	121	52	139	10	0	3172	30	351	149	196	668	5600
A-H Sluiced	0	0	0	0	0	0	0	0	0	0	0	0	0
A-H Total	2943	5899	6740	13191	2344	0	4580	9126	7379	6861	196	5856	65115
Loss Kelvin to A-H	289	-1343	-781	-715	-148	-86	-396	-1994	-202	-252	-762	-473	-6864
Sacaton Diversions													0

### SUMMARY OF THE GILA RIVER SYSTEM

Quantities in Acre-feet

#### NATURAL FLOW FROM THE GILA RIVER AND TRIBUTARIES

**2013**

Gila River Below Blue Creek .....	177,897
San Francisco River at Clifton .....	175,067
San Carlos River near Peridot .....	0
Gain from Gila Below Coolidge Dam to Gila at Kelvin .....	4,409

#### INFLOWS, SAN CARLOS RESERVOIR

Gila River at Calva plus San Carlos River near Peridot .....	230,191
--	---------

#### GILA RIVER BELOW COOLIDGE DAM

.....	67,570
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#### CONTENTS IN STORAGE, SAN CARLOS RESERVOIR

Available contents January 1, 2013 .....	4,398
Available contents December 31, 2013.....	126,049

#### WATER DIVERTED FROM THE GILA RIVER

Duncan-Virden Valley canal diversions .....	5,498
Safford Valley canal diversions .....	46,068
San Carlos Apache Tribe .....	407
Winkelman Valley Agricultural diversions .....	0
<b>Winkelman Valley industrial and municipal pumps</b>	
ASARCO Incorporated .....	9,412
Town of Kearny .....	291
<b>San Carlos Project</b>	
Natural flow Ashurst-Hayden Dam .....	48,751
Stored water Ashurst-Hayden Dam .....	10,764
Natural flow Sacaton Dam .....	0
<b>TOTAL DIVERSIONS .....</b>	<b>121,191</b>

#### SPIILLED AND SLUICED ASHURT- HAYDEN DAM

.....	5,600
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# SAN CARLOS RESERVOIR

The available stored water in the **San Carlos Reservoir** on January 1, 2013, was 4,509 acre-feet. The maximum storage for the year was on December 31st, with 126,049 acre-feet (Plate 48).

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).

The computed evaporation from the surface of the **San Carlos Reservoir** was 10,159 acre-feet (Plate 49). Computed rainfall on the lake was 1,801 acre-feet (Plate 50). There was bank storage of 35,864 acre-feet for the year (Plate 44).

## APPORTIONMENTS MADE DURING 2013

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, 2013	194
January 31, 2013	187
February 28, 2013	181
March 31, 2013	170
April 30, 2013	152
May 31, 2013	107
June 30, 2013	67
July 31, 2013	49
August 31, 2013	44
September 30, 2013	42
October 31, 2013	41
November 30, 2013	40
December 31, 2013	40

## FREEPORT-McMORAN MORENCI, INCORPORATED

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

<b>2013</b>	<b>NET BLACK RIVER WATER PUMPED</b>	<b>NET UPPER EAGLE CREEK WATER PUMPED</b>	<b>TOTAL IMPORTED WATER PUMPED</b>	<b>TOTAL FMI PUMPING FROM S. F. RIVER &amp; EAGLE CREEK BASIN</b>	<b>TOTAL GILA WATERS PUMPED BY FREEPORT McMORAN</b>
January	670	615	1,285	1,460	175
February	991		991	1,611	620
March	1,071	321	1,392	1,793	401
April	1,038	801	1,839	1,868	29
May	871	1,065	1,936	1,860	
June	109	1,713	1,822	1,406	
July	154	1,424	1,578	1,518	
August	352	1,293	1,645	1,596	
September	511	1,179	1,690	1,504	
October	596	1,275	1,871	1,692	
November	625	980	1,605	1,599	
December	384	907	1,291	1,440	149
<b>TOTALS</b>	<b>7,372</b>	<b>11,573</b>	<b>18,945</b>	<b>19,347</b>	<b>1,374</b>
By-pass					
<b>TOTAL</b>					<b>1,374</b>

## **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 2013 have been supplied to the Water Commissioner and summarized on Plate 5 of the 2013 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 2013. 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 2013**

The Seasonal Average Salinity on October 31, 2013 was 2,304 uS/cm. Daily data in support of the above figures can be found in the Water Commissioner's 2013 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 a  
Case No. CV31-59-TUC-SRB  
(a/k/a Globe Equity No. 59.)

**GILA RIVER @ GERONIMO STATION  
WATER QUALITY DATA  
2013**

The following table for the year 2013 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.

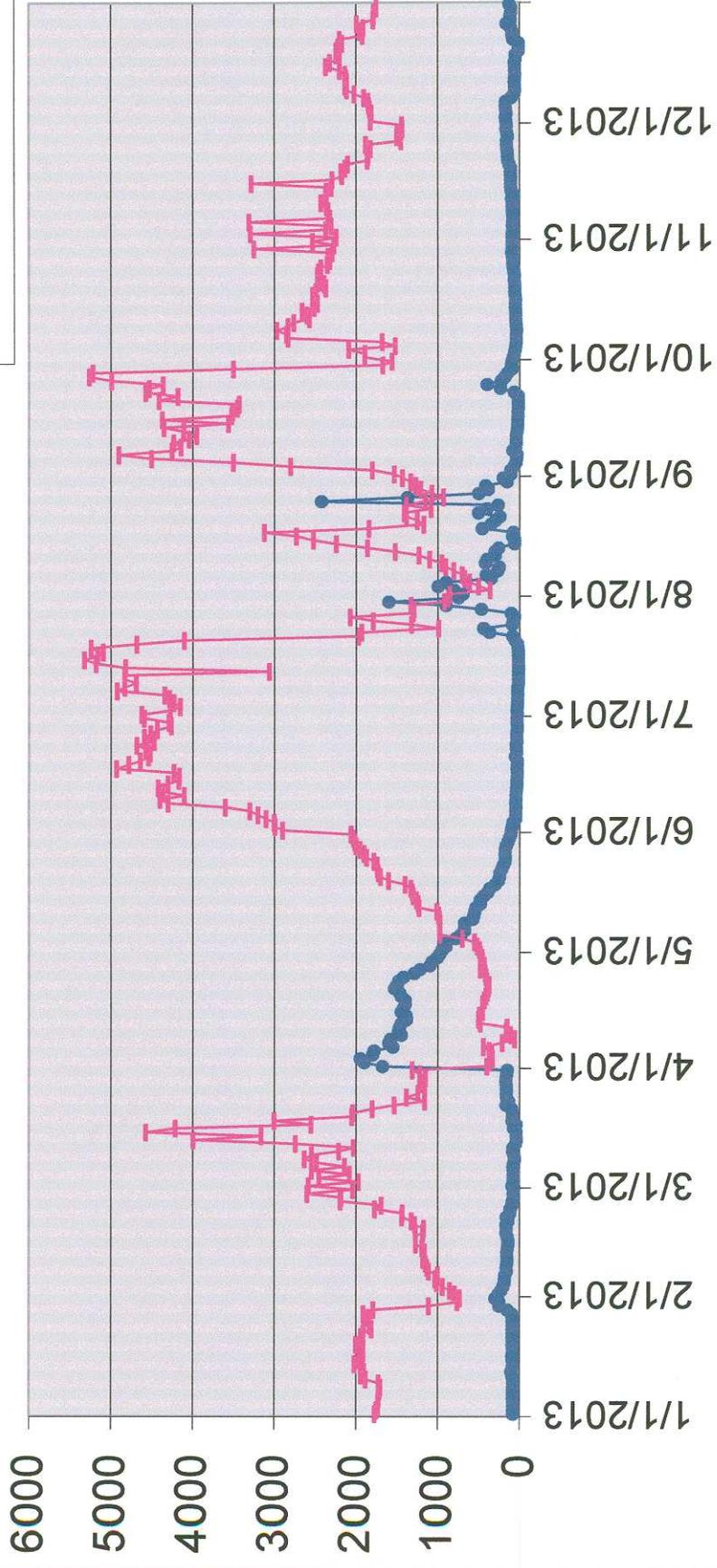
**GERONIMO STATION WATER QUALITY REPORT  
COMPARISON OF ELECTRIC CONDUCTIVITY TO FLOW  
DAILY AVERAGE**

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	80	1770	1-Apr	165	1310	1-Jul	0	5200	1-Oct	560	1040
2-Jan	81	1760	2-Apr	172	1240	2-Jul	1	5470	2-Oct	525	1050
3-Jan	82	1730	3-Apr	177	1250	3-Jul	0	0	3-Oct	490	1060
4-Jan	82	1730	4-Apr	176	1250	4-Jul	0	0	4-Oct	440	1070
5-Jan	83	1720	5-Apr	190	1230	5-Jul	0	0	5-Oct	410	1080
6-Jan	80	1720	6-Apr	190	1230	6-Jul	0	0	6-Oct	390	2000
7-Jan	83	1710	7-Apr	180	1170	7-Jul	85	2500	7-Oct	370	2010
8-Jan	82	1700	8-Apr	180	1180	8-Jul	78	2600	8-Oct	370	1880
9-Jan	81	1720	9-Apr	179	1200	9-Jul	95	1160	9-Oct	340	1890
10-Jan	79	1880	10-Apr	183	1240	10-Jul	140	1050	10-Oct	320	1900
11-Jan	92	1940	11-Apr	190	1220	11-Jul	220	950	11-Oct	300	1900
12-Jan	100	1900	12-Apr	179	1140	12-Jul	170	1050	12-Oct	290	1910
13-Jan	89	1940	13-Apr	141	1290	13-Jul	125	1080	13-Oct	270	1990
14-Jan	81	2020	14-Apr	130	1460	14-Jul	230	1000	14-Oct	250	1990
15-Jan	89	1970	15-Apr	124	1570	15-Jul	225	900	15-Oct	250	1990
16-Jan	90	1920	16-Apr	120	1660	16-Jul	190	1050	16-Oct	210	2000
17-Jan	85	1910	17-Apr	108	1750	17-Jul	715	750	17-Oct	220	2700
18-Jan	85	1960	18-Apr	100	1820	18-Jul	480	780	18-Oct	210	2800
19-Jan	87	2000	19-Apr	100	1850	19-Jul	400	600	19-Oct	210	2800
20-Jan	89	1910	20-Apr	94	1800	20-Jul	270	750	20-Oct	185	2900
21-Jan	87	1940	21-Apr	88	1860	21-Jul	735	680	21-Oct	170	2950
22-Jan	87	1910	22-Apr	86	1910	22-Jul	725	700	22-Oct	120	3100
23-Jan	87	1810	23-Apr	80	2040	23-Jul	500	470	23-Oct	110	3100
24-Jan	86	1830	24-Apr	75	2210	24-Jul	930	450	24-Oct	100	3280
25-Jan	87	1900	25-Apr	70	2350	25-Jul	900	400	25-Oct	100	3270
26-Jan	88	1850	26-Apr	67	2470	26-Jul	1100	350	26-Oct	100	3270
27-Jan	95	1910	27-Apr	63	2560	27-Jul	1100	350	27-Oct	95	3270
28-Jan	150	1790	28-Apr	63	2700	28-Jul	1120	300	28-Oct	95	3270
29-Jan	250	1110	29-Apr	59	2880	29-Jul	905	400	29-Oct	90	3280
30-Jan	250	760	30-Apr	57	3200	30-Jul	790	500	30-Oct	90	3280
31-Jan	300	730	1-May	49	3690	31-Jul	565	400	31-Oct	85	3290
1-Feb	260	790	2-May	35	3990	1-Aug	310	450	1-Nov	90	3500
2-Feb	230	850	3-May	39	4340	2-Aug	310	460	2-Nov	89	3550
3-Feb	205	940	4-May	42	3800	3-Aug	210	410	3-Nov	90	3550
4-Feb	187	1010	5-May	42	3660	4-Aug	200	420	4-Nov	95	3500
5-Feb	184	1030	6-May	35	3850	5-Aug	160	450	5-Nov	80	3550
6-Feb	180	1000	7-May	32	4080	6-Aug	185	440	6-Nov	80	3550
7-Feb	157	1110	8-May	31	3920	7-Aug	160	970	7-Nov	80	3600
8-Feb	160	1130	9-May	33	3990	8-Aug	190	970	8-Nov	80	3600
9-Feb	156	1150	10-May	36	3660	9-Aug	220	970	9-Nov	75	3650
10-Feb	150	1180	11-May	28	3770	10-Aug	190	970	10-Nov	85	3550
11-Feb	155	1180	12-May	27	4220	11-Aug	200	800	11-Nov	80	3600
12-Feb	155	1160	13-May	25	4290	12-Aug	630	750	12-Nov	75	3650
13-Feb	148	1190	14-May	18	3540	13-Aug	665	400	13-Nov	75	3260
14-Feb	142	1270	15-May	17	4810	14-Aug	400	550	14-Nov	75	3270
15-Feb	142	1270	16-May	16	4990	15-Aug	600	500	15-Nov	100	3270
16-Feb	150	1270	17-May	11	5120	16-Aug	400	530	16-Nov	98	3300
17-Feb	165	1180	18-May	15	5010	17-Aug	300	600	17-Nov	105	3260
18-Feb	160	1170	19-May	16	4840	18-Aug	215	650	18-Nov	105	3250
19-Feb	165	1280	20-May	15	4680	19-Aug	190	625	19-Nov	100	3260
20-Feb	140	1320	21-May	15	4450	20-Aug	155	650	20-Nov	100	3260
21-Feb	160	1440	22-May	16	4910	21-Aug	150	750	21-Nov	92	3200
22-Feb	120	1430	23-May	15	5260	22-Aug	185	910	22-Nov	115	3150
23-Feb	116	1770	24-May	14	5190	23-Aug	180	850	23-Nov	120	3100
24-Feb	96	1690	25-May	14	5070	24-Aug	335	810	24-Nov	175	3000
25-Feb	88	2190	26-May	12	4690	25-Aug	215	820	25-Nov	320	2850
26-Feb	72	2180	27-May	12	4720	26-Aug	600	770	26-Nov	300	780
27-Feb	78	2600	28-May	11	4860	27-Aug	615	760	27-Nov	300	780
28-Feb	75	2040	29-May	11	5110	28-Aug	510	500	28-Nov	280	780
1-Mar	90	2580	30-May	8	4950	29-Aug	650	300	29-Nov	240	1200
2-Mar	75	1970	31-May	8	5060	30-Aug	850	300	30-Nov	240	1300
3-Mar	78	2450	1-Jun	8	5090	31-Aug	650	310	1-Dec	235	1300
4-Mar	75	2080	2-Jun	7	5080	1-Sep	530	310	2-Dec	230	1250
5-Mar	75	2540	3-Jun	7	4910	2-Sep	400	320	3-Dec	220	1530
6-Mar	81	2140	4-Jun	6	4980	3-Sep	340	330	4-Dec	220	1530
7-Mar	68	2480	5-Jun	6	5490	4-Sep	355	400	5-Dec	216	1530
8-Mar	60	2630	6-Jun	5	5420	5-Sep	355	450	6-Dec	215	1530
9-Mar	70	2540	7-Jun	5	5410	6-Sep	480	500	7-Dec	218	1530
10-Mar	85	2210	8-Jun	4	5270	7-Sep	300	550	8-Dec	227	1530
11-Mar	79	2030	9-Jun	3	5010	8-Sep	755	300	9-Dec	225	1540
12-Mar	48	2740	10-Jun	3	4840	9-Sep	920	300	10-Dec	220	1550
13-Mar	38	3990	11-Jun	3	5180	10-Sep	920	340	11-Dec	225	1540
14-Mar	40	3160	12-Jun	3	5820	11-Sep	1190	300	12-Dec	220	1550
15-Mar	40	4570	13-Jun	3	5920	12-Sep	1400	300	13-Dec	215	1620
16-Mar	72	4210	14-Jun	3	5880	13-Sep	1600	300	14-Dec	210	1630
17-Mar	40	2550	15-Jun	3	5690	14-Sep	2453	300	15-Dec	200	1630
18-Mar	90	3000	16-Jun	3	5340	15-Sep	3000	210	16-Dec	200	1630
19-Mar	88	2050	17-Jun	4	5200	16-Sep	7800	150	17-Dec	200	1670
20-Mar	88	2040	18-Jun	3	5080	17-Sep	13000	290	18-Dec	205	1670
21-Mar	98	1800	19-Jun	4	5010	18-Sep	7600	320	19-Dec	205	1660
22-Mar	165	1530	20-Jun	2	4510	19-Sep	7100	300	20-Dec	205	1660
23-Mar	134	1160	21-Jun	3	5000	20-Sep	4600	320	21-Dec	205	1660
24-Mar	160	1380	22-Jun	2	5000	21-Sep	3500	340	22-Dec	210	1650
25-Mar	160	1240	23-Jun	3	5000	22-Sep	3350	350	23-Dec	200	1600
26-Mar	161	1160	24-Jun	3	5040	23-Sep	2700	380	24-Dec	200	1610
27-Mar	161	1160	25-Jun	2	5040	24-Sep	2000	400	25-Dec	200	1610
28-Mar	170	1220	26-Jun	2	5210	25-Sep	1200	420	26-Dec	195	1620
29-Mar	164	1150	27-Jun	2	5000	26-Sep	1040	420	27-Dec	195	1620
30-Mar	157	1220	28-Jun	1	5090	27-Sep	840	430	28-Dec	200	1620
31-Mar	150	1310	29-Jun	1	5280	28-Sep	750	440	29-Dec	200	1620
			30-Jun	0	5160	29-Sep	700	450	30-Dec	200	1650
						30-Sep	600	440	31-Dec	200	1650

# 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 his yearly report, any actions reported by the Gila Valley Irrigation District.

The Commissioner’s Office received letters, for the months of January through December 2013, 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 2013.

## 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 2013), 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 2013.

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	337.59	199.47	3.76	2.94	16.92	44.01	4.60	271.70
Lower Valley SCIDD	17.78	9.80	0.00	0.00	0.00	1.00	0.00	10.80
<b>TOTAL</b>	<b>391.52</b>	<b>230.36</b>	<b>9.54</b>	<b>3.84</b>	<b>16.92</b>	<b>45.01</b>	<b>4.60</b>	<b>310.27</b>

The percent of Small Parcel TBI decreed lands irrigated in 2013 was 79.24 percent of the total Small Parcel decreed lands submitted to the Commissioner’s Office in 2013.

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 2013**

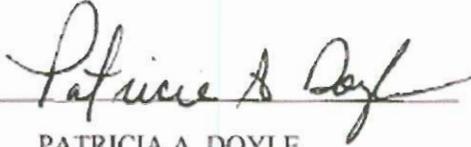
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22 The TBI Regulations adopted by the Court by order filed June 3, 1996 require the  
23 Gila Water Commissioner to conduct periodic audits during each calendar year of lands  
24 covered by the Gila Decree to determine if any violations of the Regulations have  
25 occurred during the calendar year. The Commissioner is authorized by Section 4.1 of the

1 Regulations to informally resolve violations and to report to the Court a summation of the  
2 resolution of each violation and the penalty assessed by the Commissioner and consented  
3 to by the landowner. The summation is also to be included in the Commissioner's next  
4 Monthly Report following the resolution of all violations and in the Annual Report filed  
5 with the Court for each calendar year. A copy of each cease and desist order and consent  
6 thereto is to be kept in the records of the Commissioner for three (3) years from the date  
7 of filing of the summation with the Court.

8 Pursuant to the Commissioner's audit of lands under the Gila Decree for calendar  
9 year 2013, a summation of violations of the TBI Regulations in calendar year 2013 and  
10 resolutions thereof is set forth in Attachment "A" hereto.

11 Respectfully submitted this 22 day of September, 2014.

12  
13 BY: 

14 PATRICIA A. DOYLE  
15 GILA WATER COMMISSIONER  
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Attachment "A"

Pursuant to the Gila Water Commissioner's TBI audit procedure, the following is a summary of the results of the audit and investigation by the Gila Water Commissioner's Office of the apparent violations and the findings and action taken by the Acting Commissioner for 2013:

**Franklin Valley Irrigation District (FID):**

2013 Decreed acreage reported:	6,846.05
2013 TBI acreage reported:	4,852.01
TBI acreage audited:	755.10
Percentage of TBI acreage audited for 2013:	15.6%
Crop Audit conducted twice annually	100%

Audit resulted in 74.0 acres in possible violation.

The Commissioner's investigation resulted in a determination of no violations for all 74.0 acres.

**Gila Valley Irrigation District (GVID):**

2013 Decreed acreage reported:	31,891.90
2013 TBI acreage reported:	23,426.58
TBI acreage audited:	3226.32
Percentage of TBI acreage audited for 2013:	13.8%
Crop Audit conducted twice annually	100%

Audit resulted in 138.8 acres in possible violation.

The Commissioner's investigation and resolution resulted in a determination of no violation for 104.3 acres.

Acreage in violation after Commissioner's resolution: 34.5 acres.

34.5 acres assessed payback and penalty: total payback and water penalty: 94.7 acre-feet, which was completed in July 2014.

**Final Resolution Pending:**

Landowner: Church of Jesus Christ of Latter-day Saints [LDS Church]  
Location: Township 7 South, Range 26 East, SENE of Section 23.  
Acreage in violation and resolution: 4 acres

All diversions of Gila River water to the parcel in question were terminated as soon as the violation became known to the Commissioner's office. Additional

parcels of adjacent land have been followed by the landowner as part of a proposal for resolution submitted by the attorney for the landowner to the attorney for the Commissioner. The Commissioner has reviewed the proposed resolution, but final resolution was delayed due to illness of the Commissioner's attorney. Final resolution will be completed as soon as possible.

**San Carlos Irrigation & Drainage District (SCIDD):**

2013 Decreed acreage reported:	50,000.00
2013 TBI acreage reported:	11,431.32
TBI acreage audited:	1,500.00
Percentage of TBI acreage audited for 2013:	13.1%

Audit resulted in 0.00 acres in possible violation.

**Gila River Indian Community (GRIC):**

2013 Decreed acreage reported:	50,546.00
2013 TBI acreage reported:	20,527.62
TBI acreage audited:	2,520.00
Percentage of TBI acreage audited for 2013:	12.3%

Audit resulted in 0.00 acres in possible violation.

**San Carlos Apache Tribe (SCAR):**

2013 Decreed acreage reported:	1,000.00
2013 TBI acreage reported:	296.60
TBI acreage audited:	296.60
Percentage of TBI acreage audited for 2013:	100%

Audit resulted in 0.00 acres in possible violation.

**ASARCO INC. AGRICULTURAL LANDS: (J. J. Anderson Lands)**

2013 Decreed acreage Reported:	158.00
2013 TBI Acreage reported:	0.00
TBI Acreage audited:	0.00

2013

## 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/>]

<u>Date of Order</u>	<u>Order</u>
1/3/13	Gila Water Commissioner filed a Petition for Approval of Fourth Quarter 2012 Attorney's Fees.
1/28/13	The Court approves Fourth Quarter 2012 Attorney's fees, payment to Counsel for the Water Commissioner for Decree Administration.
2/12/13	IT IS ORDERED, denying Bryce's Motion for Leaving to Amend Pending Application 2008-003 and Objection to Determination by the Commissioner that the Revised Amendment Thereto Is "Material" (Doc. 7656). IT IS FURTHER ORDERED, denying Curtis' Motion for Leave to Amend Pending Application 2008-109 (Doc. 7654), Harrington's Motion for leave to Amend Pending Applications 2008-104, 2008-1058, (Doc. 7658, 7659), Howard's Motion for Leave to Amend Pending Application 2008-260 (Doc. 7659), Lunt's Motion for Leave to Amend Pending Applications 2008-078 (Doc. 7660) and Objection to the Determination by the Commissioner that the Amendment Thereto Is "Material". IT IS FURTHER ORDERED, denying TRP's Motion for Leave to Amend Pending Application 2008-009 and Objection to Determination by the Commissioner that Amendment Thereto is "Material" (Doc. 7661).
4/2/13	Gila Water Commissioner filed a Petition for Approval of First Quarter 2013 Attorney's Fees.
4/9/13	On April 9, 2013, Water Commissioner's Order of Apportionment (Order No. 2-2013) was filed.
4/22/13	The court hereby grants the Motion to Remove Counsel Kory A. Langhofer from CM/ECF Service list, filed by Kory A. Langhofer, Esq. of Brownstein Hyatt Farber Schreck, LLP.
4/23/13	IT IS HEREBY ORDERED, that Brad K. Keogh is withdrawn as counsel of record for the City of Safford, which shall continue to be represented by Lee Storey of Ballard Spahr Law Firm.
4/24/13	The Court approves First Quarter 2013 Attorney's fees, payment to Counsel for the Water Commissioner for Decree Administration.
5/9/13	CONCLUSION, the Court denies all of the objections contained in Part II of the Objecting Parties' briefs. IT IS ORDERED, denying Part OO of the Objection by the Gila River Indian Community, the San Carlos Apache Tribe, and United States to Applications 2008-234 (Doc. 7577) IT IS FURTHER ORDER , denying Part II of the Objection by the Gila River Indian Community, the San Carlos Apache Tribe, and United States to Applications 2008-237 (Doc. 7579), 2008-238 (Doc. 7578), 2008-242 (Doc. 7580, 2008-243 (Doc. 7581), 2008-244 (Doc. 7582). IT IS FURTHER ORDERED, requiring the parties to confer and propose within thirty days of this Order a schedule to resolve Part III of the objections.

2013

## SIGNIFICANT COURT ORDERS

<u>Date of Order</u>	<u>Order</u>
6/7/13	The United States, Gila River Indian Community, San Carlos Apache Tribe, and Householder Family Limited Partnership have jointly moved the Court for a 60-day extension to accommodate, settlement discussions regarding the Householder Objections. IT IS ORDERED, that the June 10 deadline in the Court's Order dated May 9 is hereby extended to August 9, 2013 (Doc, 7689). ( Part III of Householder Objections)
7/8/13	Gila Water Commissioner filed a Petition for Approval of Second Quarter 2013 Attorney's Fees.
7/10/13	The court hereby grants the Motion to Remove Counsel Robert J. Pohlman and Christopher W. Payne from CM/ECF Service list, filed by Robert J. Pohlman and Christopher W. Payne of Snell and Wilmer, LLP.
7/17/13	Motion to Appoint Patricia A. Doyle as Acting Gila Water Commissioner and Jon W. Allred as special Assistant Gila Water Commissioner and Motion to Expedite Consideration of Motion.
7/22/13	I IT HERBY ORDERED, appointing Patricia A. Doyle, Assistant Gila Water Commissioner as Acting Gila Water Commissioner with all of the powers and authority granted by the Gila Decree. All to be effective as of May 15, 2013. IT IS FURTHER ORDERED, approving the appointment of Jon W. Allred as Special Assistant Gila Water Commissioner, all to be affective as of May 15, 2013, pending further order of this Court.
7/30/13	The Court approves the Second Quarter 2013 attorney's fees, payment to counsel for the Water Commissioner for Decree Administration.
8/1/13	IT IS ORDERED, requesting that the Gila Water Commissioner file a list of all changes in use applications that are still pending as of the date of this Order no later than 45 days from the date of this Order (Doc. 7706).
10/2/13	Acting Gila Water Commissioner filed a Petition for Approval of Third Quarter 2013 Attorney's Fees.
10/15/13	The Court has received a Motion to Implement Procedures to Appoint Water Commissioner (Doc. 7711). Due to Constraints of the Court's calendar it cannot grant the parties' request to consider the Motion in an expedited fashion. IT IS ORDERED taking this matter under advisement.
10/25/13	The Court approves the Third Quarter 2013 attorney's fees petitioned by the Gila Water Commissioner.
11/5/13	The Court ORDERS the Gila Water Commissioner to send a copy of the Petition, along with a copy of this order to all parties affected by the Petition whose names are not on the ECF list maintained by the Clerk's office by November 12, 2013. It is further ORDERED that objections to the Petition setting fourth the legal and factual basis for the objection be sent, at the time of filing, to the Gila Water Commissioner, if objections are not filed by ECF system, also to his attorney Brent F. Moody. Objection to by filled no later than 12/3/2013.

## 2013

### SIGNIFICANT COURT ORDERS

<u>Date of Order</u>	<u>Order</u>
12/10/13	IT IS ORDERED, approving the 2014 Operating Budget, 2014 Settlement Budget and Annual Assessments for 2014 (Doc. 6456, 6614).
12/12/13	IT IS ORDERED, setting ASARCO LLC's Motion to Compel Release From San Carlos Reservoir in Compliance With Article IX of the Decree for hearing on Tuesday, January, 7, 2014 at 10:00 a.m.
12/13/13	IT IS ORDERED, directing the parties to confer and file a proposed scheduling order for the adjudication of the twenty-nine pending change in use applications within twenty-eight days of this Order.
12/13/13	IT IS ORDERED, directing attorney Robert Hoffman to lodge within seven days of this order a proposed order on the seventeen change in use applications listed on page six of the Commissioner's September 11, 2013 Report (Doc. 7712).
12/23/13	IT IS ORDERED, granting the Water Commissioner's motion for an extension of time to January 31, 2014. In order to preserve the schedule set by LRCiv 7.2 an extension of time to January 31, 2014 is likewise granted to all parties affected by the Joint Motion within which to respond to the Joint Motion.
12/23/13	IT IS ORDERED, granting the Motion for Leave to Appear Telephonically. Counsel for the Gila River Indian Community may appear telephonically at the hearing on Tuesday, January 7, 2014, at 10:00 am. Counsel shall call the Court at 602-322-7570. No cells phone or speaker phones are allowed. ( see Doc. 7742).

**2013**  
**FINANCIAL STATEMENT**  
**WATER COMMISSIONER'S ACCOUNT**  
**RECEIPTS**

<u>Plaintiffs</u>	General	Settlement	Totals	
San Carlos Irrigation Project	\$553,201.05	\$100,048.69	\$653,249.74	
SCIP (Interest)	\$129.46		\$129.46	
San Carlos Agency	\$5,420.00		\$5,420.00	
Gila Crossing	\$16,219.35	\$2,932.65	\$19,152.00	
	<u>\$ 574,969.86</u>	<u>\$ 102,981.34</u>	<u>\$ 677,951.20</u>	\$677,951.20
<u>Defendants</u>				
Gila Valley Irrigation District	\$172,907.76	\$31,263.76	\$204,171.52	
Franklin Irrigation District	\$25,570.21	\$4,623.40	\$30,193.61	
Sunset Ditch Company	\$13,191.74	\$2,385.22	\$15,576.96	
Model Canal Company	\$2,310.00	\$417.68	\$2,727.68	
ASARCO	\$21,196.92		\$21,196.92	
Town of Kearny	\$551.38		\$551.38	
York Valley & Winkelman Valley	\$2,844.76		\$2,844.76	
	<u>\$238,572.76</u>	<u>\$38,690.06</u>	<u>\$277,262.83</u>	\$277,262.83
Miscellaneous Receipts	\$184.91		\$184.91	
Reimbursement for Dental Ins.	\$1,285.44		\$1,285.44	
Interest Income	\$527.56		\$527.56	
Supplemental Reports	\$5,275.00		\$5,275.00	
Transfer Additional Fees	\$0.00		\$0.00	
	<u>\$7,272.91</u>		<u>\$7,272.91</u>	\$7,272.91
		Total Receipts		\$962,486.94
		Balance Forward from 2012		\$154,720.00
				<u>\$1,124,479.85</u>

**DISBURSEMENTS**

<u>Personnel</u>	General	Settlement	Totals	
Jon W. Allred	\$55,076.81	\$255.10	\$55,331.91	
Patricia A. Doyle	\$73,191.70	\$4,671.81	\$77,863.51	
James W. Pavlacky	\$51,875.04		\$51,875.04	
Paul Curtis	\$48,824.77	\$3,116.47	\$51,941.24	
Casey Windsor		\$44,333.04	\$44,333.04	
F. I. C. A.	\$14,890.04	\$2,861.64	\$17,751.68	
Medicare	\$3,482.34	\$669.25	\$4,151.59	
Federal Unemployment Tax	\$1,680.00	\$420.00	\$2,100.00	
Arizona Dept. of Revenue	\$7,085.59	\$1,771.40	\$8,856.99	\$314,205.00
<u>Overtime Weekend</u>				
Casey Windsor	\$1,822.47			
James Pavolaky	\$2,073.15			
Paul Curtis	\$49.05			
	<u>3,944.67</u>			\$3,944.67
<u>Employee Benefit Plan</u>				
Retirement	\$14,205.40	\$2,659.98	\$16,865.38	
Medical Insurance	\$39,908.99	\$5,480.28	\$45,389.27	
SCF Workman's comp	\$9,952.92	\$2,488.24	\$12,441.16	
Yearly Pension Plan Administration	1,000.00	\$300.00	\$1,300.00	
	<u>\$65,067.31</u>	<u>\$10,928.50</u>	<u>\$75,995.81</u>	\$75,995.81
<u>Travel plus Allowance</u>				
Jon W. Allred	\$0.00		\$0.00	
Patricia A. Doyle	\$2,536.92		\$2,536.92	
James W. Pavlacky	\$3,927.11		\$3,927.11	
Paul Curtis	\$1,809.19		\$1,809.19	
Casey Windsor	\$127.15	\$1,928.02	\$2,055.17	
	<u>\$8,400.37</u>	<u>\$1,928.02</u>	<u>\$10,328.39</u>	\$10,328.39
<u>2012 Attorney Fees and Costs</u>				
	\$39,490.00	\$3,740.00	\$43,230.00	\$43,230.00
<u>2013 Attorney Fees and costs</u>				
Brent F. Moody	\$212,030.00	\$1,380.00	\$213,410.00	
Charles Whetstine	\$1,172.50		\$1,172.50	
	<u>\$213,202.50</u>	<u>\$1,380.00</u>	<u>\$214,582.50</u>	\$214,582.50
<u>Geronimo Station expenses</u>				
	\$3,697.79		\$3,697.79	\$3,697.79
<u>Joint Funding (Stream flow records)</u>				
	\$113,150.00		\$113,150.00	\$113,150.00
<u>Univeristy of Arizona</u>				
		\$5,000.00	\$5,000.00	\$5,000.00
<u>Capital Purchases</u>				
Software	\$188.81		\$188.81	\$188.81
<u>Other expenses</u>				
Communications	\$1,663.19		\$1,663.19	
Insurance & Bonds	\$5,832.00		\$5,832.00	
Office Expenses	\$15,362.58		\$15,362.58	
Field Expenses	\$191.42		\$191.42	
Rent and Utilities	\$11,142.78		\$11,142.78	
Contingency Fund	\$1,331.02	\$320.70	\$1,651.72	
	<u>\$35,522.99</u>	<u>\$320.70</u>	<u>\$35,843.69</u>	\$35,843.69
<u>Reimbursements of Sever and Transfers</u>				
	\$309.70	\$0.00	\$309.70	\$309.70
		Total Disbursements		\$820,476.36
		Total Receipts		<u>\$1,124,479.85</u>
		Total Remaining		\$304,003.49

**Plate 1**

# Land Use Adits 2013

Case 4:31-cv-00059-SRB Document 7832 Filed 09/22/14 Page 3 of 4

## 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 Acting Commissioner for 2013:

### Franklin Valley Irrigation District (FID):

2013 Decreed acreage reported:	6,846.05
2013 TBI acreage reported:	4,852.01
TBI acreage audited:	755.10
Percentage of TBI acreage audited for 2013:	15.6%
Crop Audit conducted twice annually	100%

Audit resulted in 74.0 acres in possible violation.

The Commissioner's investigation resulted in a determination of no violations for all 74.0 acres.

### Gila Valley Irrigation District (GVID):

2013 Decreed acreage reported:	31,891.90
2013 TBI acreage reported:	23,426.58
TBI acreage audited:	3226.32
Percentage of TBI acreage audited for 2013:	13.8%
Crop Audit conducted twice annually	100%

Audit resulted in 138.8 acres in possible violation.

The Commissioner's investigation and resolution resulted in a determination of no violation for 104.3 acres.

Acreage in violation after Commissioner's resolution: 34.5 acres.

34.5 acres assessed payback and penalty: total payback and water penalty: 94.7 acre-feet, which was completed in July 2014.

### Final Resolution Pending:

Landowner: Church of Jesus Christ of Latter-day Saints [LDS Church]  
Location: Township 7 South, Range 26 East, SENE of Section 23.  
Acreage in violation and resolution: 4 acres

All diversions of Gila River water to the parcel in question were terminated as soon as the violation became known to the Commissioner's office. Additional

parcels of adjacent land have been followed by the landowner as part of a proposal for resolution submitted by the attorney for the landowner to the attorney for the Commissioner. The Commissioner has reviewed the proposed resolution, but final resolution was delayed due to illness of the Commissioner's attorney. Final resolution will be completed as soon as possible.

**San Carlos Irrigation & Drainage District (SCIDD):**

2013 Decreed acreage reported:	50,000.00
2013 TBI acreage reported:	11,431.32
TBI acreage audited:	1,500.00
Percentage of TBI acreage audited for 2013:	13.1%

Audit resulted in 0.00 acres in possible violation.

**Gila River Indian Community (GRIC):**

2013 Decreed acreage reported:	50,546.00
2013 TBI acreage reported:	20,527.62
TBI acreage audited:	2,520.00
Percentage of TBI acreage audited for 2013:	12.3%

Audit resulted in 0.00 acres in possible violation.

**San Carlos Apache Tribe (SCAR):**

2013 Decreed acreage reported:	1,000.00
2013 TBI acreage reported:	296.60
TBI acreage audited:	296.60
Percentage of TBI acreage audited for 2013:	100%

Audit resulted in 0.00 acres in possible violation.

**ASARCO INC. AGRICULTURAL LANDS: (J. J. Anderson Lands)**

2013 Decreed acreage Reported:	158.00
2013 TBI Acreage reported:	0.00
TBI Acreage audited:	0.00

**CALENDAR YEAR 2013**  
**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	2,269.04	2,999	1.32
New Model	2,698.95	1,750.77	1,690	0.97
Valley	1,387.20	832.20	809	0.97
Colmenero	441.00	0.00	0	0.00
Sexton	137.90	0.00	0	0.00
R. Sexton	144.10	0.00	0	0.00
York	315.10	0.00	0	0.00
Albert	8.80	0.00	0	0.00
F E Ross	11.60	0.00	0	0.00
R K Davis	26.30	0.00	0	0.00
J H Brown	25.60	0.00	0	0.00
York Cattle	49.80	0.00	0	0.00
Laura Short	36.50	0.00	0	0.00
<b>Totals</b>	<b>8,042.75</b>	<b>4,852.01</b>	<b>5,498</b>	<b>1.13</b>

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

**SAFFORD VALLEY DIVERSIONS**

Consolidated Brown	1,326.90	812.40	1,733	2.13
Fourness	210.70	189.40	119	0.63
San Jose	4,150.03	3,203.75	5,503	1.72
Montezuma	4,835.96	3,162.44	7,078	2.24
Union	7,283.56	4,884.72	9,307	1.91
Graham	4,217.68	3,454.02	5,852	1.69
Smithville	2,445.63	2,001.88	3,565	1.78
Dodge-Nevada	2,516.54	2,300.94	4,538	1.97
Curtis	1,971.70	1,735.56	5,301	3.05
Fort Thomas	2,727.30	1,681.47	3,072	1.83
Colvin-Jones	205.90	0.00	0	0.00
<b>Totals</b>	<b>31,891.90</b>	<b>23,426.58</b>	<b>46,068</b>	<b>1.97</b>

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

**SAN CARLOS APACHE RESERVATION**

Black Point	73.40	73.40	98	1.34
Bylas (Navajo Point)	152.20	152.20	204	1.34
Anderson Flat	85.80	71.00	105	1.48
Non-designated lands	688.60	0.00	0	0.00
<b>Totals</b>	<b>1,000.00</b>	<b>296.60</b>	<b>407</b>	<b>4.16</b>

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

**WINKELMAN VALLEY**

Industrial/Municipal (ASARCO) <sup>[1]</sup>	793.00	793.00	9,412	
Domestic/Municipal (Kearny, Arizona)	101.73	101.73	291	2.86
Farmlands	244.16	0.00	0	
J J Anderson	196.27	0.00	0	
<b>Totals</b>	<b>1,335.16</b>	<b>894.73</b>	<b>9,703</b>	<b>2.86</b>

Monthly modification of T.B.I. Acres are shown on diversions 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	20,527.62	Nat. flow	21,342	0.43	1.04
Federal Agencies	546.00	0.00	Stored	4,081	0.08	0.20
	50,546.00	20,527.62		25,423	0.50	1.24
<b>White Lands:</b>						
San Carlos Irrigation & Drainage Dist.	50,000.00	10,861.16	Nat. flow	-161	-0	-0.01
			Stored	4,667	1.33	0.43
	50,000.00	10,861.16		4,506	0.09	0.41
Natural Flow Lands	1,544.50	570.16		161	0.1	0.28
	51,544.50	11,431.32		4,667	0.09	0.41
<b>Totals</b>	<b>102,090.50</b>	<b>31,958.94</b>		<b>30,091</b>	<b>0.29</b>	<b>0.94</b>
	102,090.50	31,958.94	Nat. flow	21,342	0.21	0.67
	100,546.00	31,958.94	Stored	8,748	0.09	0.27

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

Diversions from Picacho Reservoir are reflected above.

<sup>[1]</sup> Entitled to annual diversion of 16,221 acre-feet. (Article IX, et al 59)  
**Plate 3**

# 1936-2013

## GILA RIVER FLOWS & DIVERSIONS, GILA RIVER SYSTEM

Quantities to closest thousand acre-feet

Year	Gila Blue	Duncan Valley Divs.	Gila Clifton	San Fran. Clifton	Gila Solomon + Brown	San Simon	Safford Valley Divs.	Gain Safford Valley	SCAR Divs.	Gila Calva	San Carlos Peridot	Maximum Stored Water	Gila Below Coolidge Dam	Gila Winke-Iman	ASARCO Divs.	J. J. And. Divs.	Town of Kearny Divs.	Gila Kelvin	A-H Divs.	A-H Spilled Sluiced	A-H Total	Loss Kelvin to A-H	Sacaton Divs.	
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	166	(27)	1.5	
1939	94	34	87	70	*172	6	79	16		115	19	30	123	#				176	134	22	156	(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	36	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	18	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	269	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	67	147	3	94	0.2		66	9	119	195	192				195	181	6	187	(8)	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	406	(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	134*	611*	(59*)	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	≥	118	^		158	59	278	280					316	289	12	302	(14)	0.0	
1983	374	22	353	601	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		94	^		43	14	458	395	384				423	379	3	383	(40)	0.0	
1990	78	10	∩	82	170		69	^		58	58	81	44	52				95	56	18	74	(21)	0.0	
1991	340	20	291	681			126	^		749	87	511	276	304				363	297	48	345	(18)	0.0	
1992	377	20	330	801			124	^		1027	88	740	550	619				646	401	205	606	(40)	0.0	
1993	518	22	572	1558			119	^		1695	296	1060	1662	2203				2374	391	1925	2316	(58)	0.0	
1994	230	23	157	345			108	^		357	28	541	377	£				489	401	12	413	(76)	0.0	
1995	262	22	206	506			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	^	0.2	109	14	522	439			14	0.5	0.4	465	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	60	14	47	51	101		61	^	0.8	42	4	72	53			13	0.0	0.4	51	43	0.3	43	(8)	0.0
2003	52	8	45	60	121		44	^	0.9	51	24	43	58			12	0.0	0.4	67	57	1	58	(9)	0.0
2004	125	9	104	74	173		42	^	0.5	111	8	34	94			11	0.0	0.3	87	78	2	80	(7)	0.0
2005	353	17	327	267	621		110	^	0.6	523	74	442	29											

**SAN CARLOS APACHE TRIBE FARM REPORT  
2013**

**Anderson Flat**

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

Month	Field No	Crop	Date Planted	Acres Planted (TBI)	Dates Irrigated (From-To)	Gila River Diversions (ac-ft)	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 1/1-31/2013
	1048	None		0.00							No Water Activity 1/1-31/2013
	1049	None		0.00							No Water Activity 1/1-31/2013
	1050	None		0.00							No Water Activity 1/1-31/2013
Feb	1047	None		0.00							No Water Activity 2/1-29/2013
	1048	None		0.00							No Water Activity 2/1-29/2013
	1049	None		0.00							No Water Activity 2/1-29/2013
	1050	None		0.00							No Water Activity 2/1-29/2013
Mar	1047	None		0.00							No Water Activity 3/1-31/2013
	1048	None		0.00							No Water Activity 3/1-31/2013
	1049	None		0.00							No Water Activity 3/1-31/2013
	1050	None		0.00							No Water Activity 3/1-31/2013
Apr	1047	None		0.00							No Water Activity 4/1-30/2013
	1048	None		0.00							No Water Activity 4/1-30/2013
	1049	None		0.00							No Water Activity 4/1-30/2013
	1050	None		0.00							No Water Activity 4/1-30/2013
May	1047	None		0.00							No Water Activity 5/1-31/2013
	1048	None		0.00							No Water Activity 5/1-31/2013
	1049	None		0.00							No Water Activity 5/1-31/2013
	1050	None		0.00							No Water Activity 5/1-31/2013
June	1047	None		0.00							No Water Activity 6/1-30/2013
	1048	None		0.00							No Water Activity 6/1-30/2013
	1049	None		0.00							No Water Activity 6/1-30/2013
	1050	None		0.00							No Water Activity 6/1-30/2013
July	1047	None		0.00							No water activity 7/1-31/2013
	1048	None		0.00							No water activity 7/1-31/2013
	1049	None		0.00							No water activity 7/1-31/2013
	1050	None		0.00							No water activity 7/1-31/2013
Aug	1047	None		0.00							No water activity 8/1-31/2013
	1048	None		0.00							No water activity 8/1-31/2013
	1049	None		0.00							No water activity 8/1-31/2013
	1050	None		0.00							No water activity 8/1-31/2013
Sept	1047	None		0.00							No water activity 9/1-30/2013
	1048	None		0.00							No water activity 9/1-30/2013
	1049	None		0.00							No water activity 9/1-30/2013
	1050	None		0.00							No water activity 9/1-30/2013
Oct	1047	None		27.20	10/23-31/13	64.17	3236				No water activity 10/1-22/2013
	1048	None		0.00							No water activity 10/1-31/2013
	1049	None		0.00							No water activity 10/1-31/2013
	1050	None		0.00							No water activity 10/1-31/2013
Nov	1047	Forage		27.20	11/1/2013	1.79	3280				No water activity 11/2-30/2013
	1048	None		0.00							No water activity 11/1-30/2013
	1049	Forage		22.30	11/7-12/13	33.81	3592				No water activity 11/1-6,13-30/2013
	1050	Forage		21.50	11/1-7/13	40.02	3415				No water activity 11/8-30/2013
Dec	1047	None		0.00							No water activity 12/1-31/2013
	1048	None		0.00							No water activity 12/1-31/2013
	1049	None		0.00							No water activity 12/1-14, 19-31/2013
	1050	None		0.00							No water activity 12/1-31/2013

**SAN CARLOS APACHE TRIBE FARM REPORT  
2013**

**Navajo Point**

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

Month	Field No	Crop	Date Planted	Acres Planted (TBI)	Dates Irrigated (From-To)	Gila River Diversions (ac-ft)	Water Quality (uS/cm)	Tribal Wells (ac-ft)	Water Quality (uS/cm)	Combined River & Wells	Comments or Unusual Problems
Jan	1041	None		0.00							No Water Activity 1/1-31/2013
	1043	None		0.00							No Water Activity 1/1-31/2013
	1044	None		0.00							No Water Activity 1/1-31/2013
	1045	None		0.00							No Water Activity 1/1-31/2013
Feb	1046	None		0.00							No Water Activity 1/1-31/2013
	1041	None		0.00							No Water Activity 2/1-29/2013
	1043	None		0.00							No Water Activity 2/1-29/2013
	1044	None		0.00							No Water Activity 2/1-29/2013
Mar	1045	None		0.00							No Water Activity 2/1-29/2013
	1046	None		0.00							No Water Activity 2/1-29/2013
	1041	None		0.00							No Water Activity 3/1-31/2013
	1043	None		0.00							No Water Activity 3/1-31/2013
Apr	1044	None		0.00	3/25-31/13	18.7			1200		No Water Activity 3/1-31/2013
	1045	Cotton		39.70							No Water Activity 3/1-24/2013
	1046	None		0.00							No Water Activity 3/1-31/2013
	1041	None		0.00							No Water Activity 4/1-30/2013
May	1043	None		0.00							No Water Activity 4/1-30/2013
	1044	Cotton		12.90	4/14-19/13	30.11			1500		No Water Activity 4/1-13, 20-30/2013
	1045	Cotton	4/22/13	39.70	4/1-3/13	6.16			1500		No Water Activity 4/4-30/2013
	1046	Cotton	4/26/13	34.60	4/3-7/13-4/12-14/13	21.27			1500		No Water Activity 4/1, 2, 8-11, 15-30/2013
Jun	1041	None		0.00							No Water Activity 5/1-31/2013
	1043	None		0.00							No Water Activity 5/1-31/2013
	1044	Cotton		12.90	5/29-31/13	9.38			4973		No Water Activity 5/1-28/2013
	1045	Cotton		39.70	5/20-21-13	4.64			4760		No Water Activity 5/1-19, 22-31/2013
July	1046	Cotton		34.60	5/26-29/13	13.34			4635		No Water Activity 5/1-25, 30/2013
	1041	None		0.00							No Water Activity 6/1-30/2013
	1043	None		0.00							No Water Activity 6/1-30/2013
	1044	Cotton		12.90	6/23-25/13	13.73			4600		No Water Activity 6/1-22, 26-30/2013
Aug	1045	Cotton		13.92	6/17-20/13	13.92			5207		No Water Activity 6/1-16, 21-30/2013
	1046	Cotton		13.92	6/20-23/13	13.92			4600		No Water Activity 6/1-18, 24-30/2013
	1041	None		0.00							No water activity 7/1-31/2013
	1043	None		0.00							No water activity 7/1-31/2013
Sept	1044	Cotton		12.90	7/9-11, 30-31/13	10.47/7.83			1603		No water activity 7/1-10, 12-29/2013
	1045	Cotton		39.70	7/1-4, 26-27/13	12.9/3.23			3362		No water activity 7/5-25, 28-31/2013
	1046	Cotton		34.60	7/4-9, 27-30/13	22.64/13.27			3362		No water activity 7/1-3, 10-26, 31/2013
	1041	None		0.00							No water activity 8/3-18, 22-31/2013
Oct	1043	None		0.00							No water activity 8/1-14, 19-31/2013
	1044	Cotton		12.90	8/1, 23-25/2013	1, 21/19, 72			450/654		No water activity 8/2-22, 26-31/2013
	1045	Cotton		39.70	8/16-20/2013	19.44			581		No water activity 8/1-15, 21-31/2013
	1046	Cotton		34.60	8/20-23/2013	14.58			733		No water activity 8/1-19, 24-31/2013
Nov	1041	None		0.00							No water activity 9/1-30/2013
	1043	None		0.00							No water activity 9/1-30/2013
	1044	None		0.00							No water activity 9/1-30/2013
	1045	Cotton		39.70	9/4-8/13	19.64			446		No water activity 9/1-3, 9-30/2013
Dec	1046	Cotton		34.60	9/8-9/13	4.86			425		No water activity 9/1-7, 10-30/2013
	1041	None		0.00							No water activity 10/1-31/2013
	1043	None		0.00							No water activity 10/1-31/2013
	1044	None		0.00							No water activity 10/1-31/2013
Nov	1045	None		0.00							No water activity 10/1-31/2013
	1046	None		0.00							No water activity 10/1-31/2013
	1041	None		0.00							No water activity 11/1-30/2013
	1043	None		0.00							No water activity 11/1-30/2013
Dec	1044	None		0.00							No water activity 11/1-30/2013
	1045	None		0.00							No water activity 11/1-30/2013
	1046	None		0.00							No water activity 11/1-30/2013
	1041	Oats		41.40	12/11-18/13	21.58			1610		No water activity 12/1-10, 19-31/2013
Dec	1043	Oats		23.60	12/3-4, 6-11/13	2.43/10.59			1530		No water activity 12/1-2, 5, 12-31/2013
	1044	None		0.00							No water activity 12/1-31/2013
	1045	None		0.00							No water activity 12/1-31/2013
	1046	None		0.00							No water activity 12/1-31/2013

SAN CARLOS APACHE TRIBE FARM REPORT

2013

Black Point

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

Month	Field No	Crop	Date Planted	Acres Planted (TBI)	Dates Irrigated (From-To)	Gila River Diversions (ac-ft)	Water Quality (uS/cm)	Tribal Wells (ac-ft)	Water Quality (uS/cm)	Combined River & Wells	Comments or Unusual Problems
Jan	1021E	None		0.00							No Water Activity 1/1-31/2013
	1021W	None		0.00							No Water Activity 1/1-31/2013
	1022E	None		0.00							No Water Activity 1/1-31/2013
Feb	1022W	None		0.00							No Water Activity 1/1-31/2013
	1021E	None		0.00							No Water Activity 2/1-29/2013
	1021W	None		0.00							No Water Activity 2/1-29/2013
Mar	1022E	None		0.00							No Water Activity 2/1-29/2013
	1022W	None		0.00							No Water Activity 2/9-29/2013
	1021E	Cotton		38.20		18.60	1200				No Water Activity 3/1-24/2013
Apr	1021W	Cotton		38.20		18.60	1200				No Water Activity 3/1-24/2013
	1022E	None		0.00							No Water Activity 3/1-31/2013
	1022W	None		0.00							No Water Activity 3/1-31/2013
May	1021E	Cotton		25.10		9.79	1500				No Water Activity 4/5-30/2013
	1021W	Cotton		13.10		10.89	1500				No Water Activity 4/1-3-7-30/2013
	1022E	None		0.00							No Water Activity 4/3-30/2013
June	1022W	None		0.00							No Water Activity 4/1-30/2013
	1021E	None		0.00							No Water Activity 5/1-20,27-31/2013
	1021W	Cotton		25.10		22.63	4893				No Water Activity 5/1-20,27-31/2013
July	1022E	None		0.00		22.63	4893				No Water Activity 5/1-31/2013
	1022W	None		0.00							No Water Activity 5/1-31/2013
	1021E	None		0.00							No Water Activity 5/1-31/2013
August	1021W	Cotton		13.10		4.74	5020				No Water Activity 6/1-30/2013
	1022E	None		0.00							No Water Activity 6/1-30/2013
	1022W	None		0.00							No Water Activity 6/1-30/2013
September	1021E	Cotton		25.10		6.73	3362				No water activity 7/1-4, 7-31/2013
	1021W	Cotton		13.10		6.73	3362				No water activity 7/1-31/2013
	1022E	None		0.00							No water activity 7/1-31/2013
October	1022W	None		0.00							No water activity 7/1-31/2013
	1021E	Cotton		25.10		19.44	598				No water activity 8/1-11, 17-31/2013
	1021W	Cotton		13.10		19.44	598				No water activity 8/1-11, 17-31/2013
November	1022E	None		0.00							No water activity 8/1-31/2013
	1022W	None		0.00							No water activity 8/1-31/2013
	1021E	Cotton		25.10		5.87	325				No water activity 9/1-2, 5-30 /2013
December	1021W	Cotton		13.10		5.87	325				No water activity 9/1-2, 5-30 /2013
	1022E	None		0.00							No water activity 9/1-30/2013
	1022W	None		0.00							No water activity 9/1-30/2013
January	1021E	None		0.00							No water activity 10/1-31/2013
	1021W	None		0.00							No water activity 10/1-31/2013
	1022E	None		0.00							No water activity 10/1-31/2013
February	1022W	None		0.00							No water activity 10/1-31/2013
	1021E	None		0.00							No water activity 11/1-30/2013
	1021W	None		0.00							No water activity 11/1-30/2013
March	1022E	None		0.00							No water activity 11/1-30/2013
	1022W	None		0.00							No water activity 11/1-30/2013
	1021E	None		0.00							No water activity 11/1-30/2013
April	1021W	None		0.00							No water activity 11/1-30/2013
	1022E	None		0.00							No water activity 12/1-31/2013
	1022W	None		0.00							No water activity 12/1-31/2013
May	1021E	None		0.00							No water activity 12/1-31/2013
	1021W	None		35.20		49.16	1570				No water activity 12/1-2, 19-31/2013
	1022E	Oats		0.00							No water activity 12/1-31/2013
June	1022W	None		0.00							No water activity 12/1-31/2013

2013

**DUNCAN VALLEY: 8,042.75 Acres**

Mean daily diversions, cubic feet per second

DAY	JAN			FEB			MAR			APR			MAY			JUN			
	Total	Priority	Apport.	Total	Priority	Apport.	Total	Priority	Apport.										
1										10.5	10.5		23.5			23.5	5.7	5.2	0.5
2										10.0	9.9	0.1	25.2	25.2			4.3	4.3	
3										9.3	9.3		24.1	24.1			2.2	2.2	
4										4.8	4.8		23.7	23.7			1.2	1.2	
5										3.9	3.9		23.1	23.1			0.9	0.9	
6										2.1		2.1	22.4	22.4			0.3	0.3	
7													23.4	23.4					
8													24.0	24.0					
9													23.8	23.8					
10													22.9	22.9					
11													22.3	22.3					
12							7.8	7.8		9.0		9.0	22.0	22.0					
13							12.1	12.1		15.5	5.1	10.4	21.0	21.0					
14							11.9	11.9		15.3		15.3	23.0	21.4	1.6				
15				2.2	2.2		11.9	11.9		15.3		15.3	27.3	21.4	5.9				
16				2.0		2.0	12.1	12.1		15.0		15.0	28.7	11.0	17.7				
17							12.5	12.5		17.4		17.4	27.7	27.7					
18				0.3		0.3	12.1	12.1		21.9		21.9	25.0	11.0	14.0				
19							12.0	12.0		23.8		23.8	17.1	10.7	6.4				
20							11.9	11.9		24.1		24.1	14.8	10.7	4.1				
21							14.1	14.1		28.1		28.1	14.7	10.7	4.0				
22							18.0	18.0		28.1		28.1	14.9	10.7	4.2				
23				1.4	1.4		17.6	16.4	1.2	24.9		24.9	14.4	10.7	3.7				
24				2.0	1.0	1.0	15.4	15.4		24.7		24.7	14.2	10.7	3.5				
25							14.9	14.9		27.9		27.9	14.7	9.8	4.9				
26							15.6	15.6		28.0		28.0	12.7	9.8	2.9				
27							12.8	12.5	0.3	23.9		23.9	11.1	5.1	6.0				
28							11.9	11.9		23.0		23.0	9.4	5.1	4.3				
29							11.9	11.8	0.1	22.5		22.5	7.8	5.1	2.7				
30							11.7	11.7		20.8		20.8	5.8	5.8					
31							11.6	10.0	1.6				4.7	4.7					
Total				7.9	4.6	3.3	259.8	256.6	3.2	449.8	43.5	406.3	589.4	480.0	109.4	14.6	14.1	0.5	
Acre-feet						16			515			892		1,169				29	
Priority Diverted						9			509			86		952				28	
Apport Diverted						7			6			805		218				1	
Appor diverted to date						7			13			818		1,036				1,037	
TBI Acreage		2,911.79			4,039.30			4,449.01			4,619.51		4,761.81		4,874.71				
Apportioned											1,455		1,500		1,536				
Duty								0.12			0.19		0.25		0.01				

DAY	JUL			AUG			SEP			OCT			NOV			DEC			Totals
	Total	Priority	Apport.																
1				28.1	28.1		10.6	10.6					10.8	10.8					
2				26.7	20.7	6.0	10.0	10.0					16.4	16.4					
3				27.8	27.8		10.2	10.2					18.7	18.7					
4	0.5	0.5		30.4	30.4		9.9	9.9					15.9	15.9					
5				26.9	10.9	16.0	13.1	13.1					13.5	13.5					
6				23.1	23.1		13.9	13.9					13.2	13.2					
7				19.6		19.6	10.3	10.3					11.5	11.5					
8	6.9	6.9		15.8	4.8	11.0	9.3	9.3		3.2	3.2		7.6	7.6					
9	11.9	11.9		17.3	8.8	8.5	9.4	9.4		8.3	8.3		11.0	11.0					
10	16.3	16.3		14.7	5.0	9.7	8.3	8.3		10.2	10.2		10.4	10.4					
11	12.2	8.8	3.4	13.4	13.4		5.4	5.4		10.8	10.8		10.4	10.4					
12	14.0	14.0		12.1	12.1		5.2	5.2		11.8	11.8		10.2	10.2					
13	12.0	12.0		11.2	11.2		4.7	4.7		12.7	12.7		9.1	9.1					
14	10.3	10.3		13.6	13.6		4.9	4.9		13.0	13.0		7.0	7.0					
15	8.8	8.8		14.5	4.5	10.0	5.1	5.1		13.1	13.1								
16	11.3	11.3		14.2		14.2	9.2	9.2		13.1	13.1								
17	11.6	11.6		14.2	14.2		4.3	4.3		12.7	12.7								
18	10.7	10.7		13.9	13.9		4.9	4.9		15.2	15.2								
19	12.1	12.1		14.1	14.1		2.7	2.7		20.7	20.7								
20	12.3	12.3		14.4	14.4					23.2	23.2								
21	11.9	11.9		14.8	14.8					15.0	15.0								
22	11.0	11.0		14.7	14.7					13.3	13.3								
23	13.4	13.4		14.4	14.4					13.4	13.4								
24	10.5	10.5		14.4	14.4					13.6	13.6								
25	10.8	10.8		14.3	14.3					14.1	14.1								
26	10.7	10.7		14.2	14.2					15.9	15.9								
27	11.9	11.9		14.3	14.3					14.0	14.0								
28	11.6	11.6		14.3	14.3					14.2	14.2								
29	11.8	11.8		15.1	15.1					14.2	14.2								
30	15.7	15.7		12.2	12.2					14.0	14.0								
31	22.7	22.7		9.8	9.8					12.7	12.7								
Total	292.9	289.5	3.4	518.5	423.5	95.0	151.4	151.4		322.4	322.4		165.7	165.7					
Acre-feet		581			1,028			300			639			329					5,498
Priority Diverted		574			840			300			639			328					4,265
Apport Diverted		7			189														1,233
Appor diverted to date		1,044			1,233			1,233			1,233			1,233					1,233
TBI Acreage		4,876.21			4,876.21			4,876.21			4,852.01			4,852.01			1,233		4,852.01
Apportioned		1,536			1,536			1,536			17,370			17,370					17,370
Duty		0.12			0.21			0.06			0.13			0.07					1.13

2013

**SUNSET CANAL: 2,759.90 Acres**

Mean daily diversions, cubic feet per second

DAY	JAN			FEB			MAR			APR			MAY			JUN		
	Total	Priority	Apport															
1										10.5	10.5		10.3		10.3	5.7	5.2	0.5
2										9.9	9.9		11.8	11.8		4.3	4.3	
3										9.3	9.3		12.0	12.0		2.2	2.2	
4										4.8	4.8		11.9	11.9		1.2	1.2	
5										3.9	3.9		11.9	11.9		0.9	0.9	
6										2.1		2.1	11.9	11.9		0.3	0.3	
7													11.9	11.9				
8													11.9	11.9				
9													11.8	11.8				
10													11.8	11.8				
11													11.9	11.9				
12							7.8	7.8		6.7		6.7	11.9	11.9				
13							12.1	12.1		11.8	5.1	6.7	11.9	11.9				
14							11.9	11.9		11.7		11.7	11.8	11.8				
15							11.9	11.9		11.7		11.7	11.7	11.7				
16							12.1	12.1		11.7		11.7	11.6	10.7	0.9			
17							12.5	12.5		11.8		11.8	11.6	11.6				
18							12.1	12.1		12.1		12.1	11.6	10.7	0.9			
19							12.0	12.0		11.9		11.9	11.5	10.7	0.8			
20							11.9	11.9		9.6		9.6	11.4	10.7	0.7			
21							11.9	11.9		11.8		11.8	11.5	10.7	0.8			
22							11.8	11.8		11.8		11.8	11.6	10.7	0.9			
23							11.9	11.9		10.7		10.7	11.2	10.7	0.5			
24							12.0	12.0		10.3		10.3	11.5	10.7	0.8			
25							11.9	11.9		11.3		11.3	11.7	9.8	1.9			
26							12.1	12.1		11.8		11.8	11.5	9.8	1.7			
27							11.3	11.3		11.7		11.7	11.1	5.1	6.0			
28							11.8	11.8		11.8		11.8	9.4	5.1	4.3			
29							11.9	11.8	0.1	11.5		11.5	7.8	5.1	2.7			
30							11.7	11.7		10.2		10.2	5.8	5.8				
31							11.6	10.0	1.6				4.7	4.7				
<b>Total</b>							234.2	232.5	1.7	252.4	43.5	208.9	341.9	308.7	33.2	14.6	14.1	0.5
Acre-feet									465			501			678			29
Priority Diverted									461			86			612			28
Apport Diverted									3			414			66			1
Apport diverted to date									3			417			483			484
TBI acreage	1,272.94			1,951.11			2,099.04			2,237.24			2,240.24			2,267.54		
Apportioned												705			706			714
Duty							0.22			0.22			0.30			0.01		

DAY	JUL			AUG			SEP			OCT			NOV			DEC			Totals
	Total	Priority	Apport																
1				11.4	11.4		5.0	5.0					4.9	4.9					
2				11.2	11.2		4.7	4.7					5.0	5.0					
3				11.9	11.9		4.8	4.8					4.8	4.8					
4	0.5	0.5		11.9	11.9		4.9	4.9					4.9	4.9					
5				11.1	10.9	0.2	4.9	4.9					5.0	5.0					
6				10.7	10.7		4.8	4.8					4.8	4.8					
7				7.7		7.7	4.8	4.8					4.8	4.8					
8	6.9	6.9		4.8	4.8		5.0	5.0					5.0	5.0					
9	11.5	11.5		4.9	4.9		5.0	5.0					5.0	5.0					
10	11.0	11.0		5.0	5.0		5.0	5.0					4.9	4.9					
11	7.6	7.6		4.8	4.8		5.4	5.4					4.9	4.9					
12	11.9	11.9		4.9	4.9		5.2	5.2					5.0	5.0					
13	10.1	10.1		4.9	4.9		4.7	4.7					5.0	5.0					
14	9.4	9.4		4.6	4.6		4.9	4.9					3.7	3.7					
15	8.8	8.8		4.5	4.5		5.1	5.1											
16	11.3	11.3		4.0		4.0	4.2	4.2											
17	11.6	11.6		4.3	4.3		4.0	4.0											
18	10.7	10.7		4.9	4.9		4.9	4.9											
19	12.1	12.1		5.0	5.0		2.7	2.7		2.9	2.9								
20	12.3	12.3		5.0	5.0					4.5	4.5								
21	11.9	11.9		5.1	5.1					4.8	4.8								
22	11.0	11.0		5.1	5.1					4.7	4.7								
23	10.7	10.7		5.0	5.0					4.8	4.8								
24	9.7	9.7		4.9	4.9					4.9	4.9								
25	10.8	10.8		4.9	4.9					4.8	4.8								
26	10.7	10.7		5.0	5.0					4.9	4.9								
27	11.9	11.9		5.1	5.1					4.9	4.9								
28	11.6	11.6		5.1	5.1					4.9	4.9								
29	11.8	11.8		5.1	5.1					4.9	4.9								
30	11.9	11.9		5.1	5.1					4.6	4.6								
31	11.9	11.9		4.0	4.0					4.6	4.6								
<b>Total</b>	259.6	259.6		191.9	180.0	11.9	90.0	90.0		60.2	60.2		67.7	67.7					
Acre-feet		515			381			179			119			134					2,999
Priority Diverted		515			357			179			119			134					2,491
Apport Diverted					24														508
Apport diverted to date		484			508			508			508			508			508		508
TBI acreage	2,269.04			2,269.04			2,269.04			2,269.04			2,269.04			2,269.04			2,269.04
Apportioned		715			715			715			8,123			8,123			8,123		8,123
Duty		0.23			0.17			0.08			0.05			0.06					1.32

Diversions on North side of Gila River in SW 1/4 NW 1/4, Sec. 21, T. 19S, R. 20W, NMPM. Water-stage recorder and 6 ft. Parshall flume located in SE 1/4 NW 1/4, Sec. 17, T. 19S, R. 20W.  
Record Good

# 2013

## NEW MODEL CANAL: 2,698.95 Acres

Mean daily diversions, cubic feet per second

DAY	JAN			FEB			MAR			APR			MAY			JUN		
	Total	Priority	Apport															
1													10.2		10.2			
2										0.1		0.1	9.4	9.4				
3													7.4	7.4				
4													7.1	7.1				
5													6.8	6.8				
6													6.2	6.2				
7													6.6	6.6				
8													7.1	7.1				
9													7.0	7.0				
10													6.4	6.4				
11													6.8	6.8				
12										2.3		2.3	7.1	7.1				
13										3.7		3.7	6.6	6.6				
14										3.6		3.6	10.4	8.8	1.6			
15										3.6		3.6	12.7	6.8	5.9			
16										3.3		3.3	12.5	0.3	12.2			
17										5.6		5.6	11.8	11.8				
18										9.8		9.8	9.5	0.3	9.2			
19										11.9		11.9	2.0		2.0			
20										12.1		12.1						
21							2.2	2.2		11.3		11.3						
22							6.2	6.2		11.2		11.2						
23							5.7	4.5	1.2	9.3		9.3						
24							3.4	3.4		9.4		9.4						
25							3.0	3.0		11.5		11.5						
26							3.5	3.5		12.0		12.0						
27							1.5	1.2	0.3	11.4		11.4						
28							0.1	0.1		11.2		11.2						
29										11.0		11.0						
30										10.6		10.6						
31																		
<b>Total</b>							25.6	24.1	1.5	164.9		164.9	153.6	112.5	41.1			
Acre-feet									51			327			305			
Priority Diverted									48						223			
Apport Diverted									3			327			82			
Appor diverted to date									3			330			412			412
TBI acreage	1,116.99			1,410.73			1,525.87			1,525.87			1,865.17			1,750.77		
Apportioned																		551
Duty							0.03					0.21			0.18			

DAY	JUL			AUG			SEP			OCT			NOV			DEC			Totals
	Total	Priority	Apport																
1				11.0	11.0		5.6	5.6					5.9	5.9					
2				9.8	5.1	4.7	5.3	5.3					5.7	5.7					
3				9.6	9.6		5.4	5.4					5.7	5.7					
4				12.6	12.6		5.0	5.0					2.7	2.7					
5				11.0		11.0	4.9	4.9											
6				6.8	6.8		5.0	5.0											
7				5.5		5.5	1.5	1.5											
8				5.5		5.5													
9	0.4	0.4		7.1	2.7	4.4				3.8	3.8		3.8	3.8					
10	0.9	0.9		8.6		8.6				5.7	5.7		5.5	5.5					
11				8.6	8.6					6.1	6.1		5.5	5.5					
12				7.2	7.2					7.2	7.2		5.2	5.2					
13				6.3	6.3					8.4	8.4		4.1	4.1					
14				6.3	6.3					8.6	8.6		3.3	3.3					
15				6.3		6.3				8.6	8.6								
16				6.3		6.3	5.0	5.0		8.6	8.6								
17				6.2	6.2		0.3	0.3		8.6	8.6								
18				6.2	6.2					8.6	8.6								
19				6.1	6.1					8.6	8.6								
20				6.0	6.0					8.6	8.6								
21				6.0	6.0					8.6	8.6								
22				6.0	6.0					8.6	8.6								
23				6.0	6.0					8.6	8.6								
24				6.1	6.1					8.7	8.7								
25				6.0	6.0					9.3	9.3								
26				6.0	6.0					11.0	11.0								
27				6.0	6.0					9.1	9.1								
28				6.0	6.0					9.3	9.3								
29				6.2	6.2					9.3	9.3								
30	3.8	3.8		6.0	6.0					9.4	9.4								
31	6.6	6.6		5.8	5.8					8.1	8.1								
<b>Total</b>	11.7	11.7		219.1	166.8	52.3	38.0	38.0		191.4	191.4		47.4	47.4					
Acre-feet		23			435			75			380			94				1,690	
Priority Diverted		23			331			75			380			94				1,174	
Apport Diverted					104													516	
Appor diverted to date					516			516			516			516			516	516	
TBI acreage	1,750.77			1,750.77			1,750.77			1,750.77			1,750.77			1,750.77		1,750.77	
Apportioned		551			551			551			6,268			6,268			6,268	6,268	
Duty		0.01			0.25			0.04			0.22			0.05				0.97	

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

2013

**VALLEY CANAL: 1,387.20 Acres**

Mean daily diversions, cubic feet per second

DAY	JAN			FEB			MAR			APR			MAY			JUN		
	Total	Priority	Apport															
1													3.0					
2													4.0	4.0				
3													4.7	4.7				
4													4.7	4.7				
5													4.4	4.4				
6													4.3	4.3				
7													4.9	4.9				
8													5.0	5.0				
9													5.0	5.0				
10													4.7	4.7				
11													3.6	3.6				
12													3.0	3.0				
13													2.5	2.5				
14													0.8	0.8				
15				2.2	2.2								2.9	2.9				
16				2.0		2.0							4.6		4.6			
17													4.3	4.3				
18				0.3		0.3							3.9		3.9			
19													3.6		3.6			
20										2.4	2.4		3.4		3.4			
21										5.0	5.0		3.2		3.2			
22										5.1	5.1		3.3		3.3			
23				1.4	1.4					4.9	4.9		3.2		3.2			
24				2.0	1.0	1.0				5.0	5.0		2.7		2.7			
25										5.1	5.1		3.0		3.0			
26										4.2	4.2		1.2		1.2			
27										0.8	0.8							
28																		
29																		
30																		
31																		
Total				7.9	4.6	3.3				32.5		32.5	93.9	58.8	35.1			
Acre-feet					16					64			186					
Priority Diverted					9								117					
Apport Diverted					7					64			70					
Apport diverted to date					7		7			71			141			141		
TBI acreage	521.86			677.46			824.10			856.40			856.40			856.40		
Apportioned										270			270			270		
Duty				0.02						0.07			0.22					

DAY	JUL			AUG			SEP			OCT			NOV			DEC			Totals	
	Total	Priority	Apport																	
1				5.7	5.7															
2				5.7	4.4	1.3										5.7	5.7			
3				6.3	6.3											8.2	8.2			
4				5.9	5.9											8.3	8.3			
5				4.8		4.8	3.3	3.3								8.5	8.5			
6				5.6	5.6		4.1	4.1								8.4	8.4			
7				6.4		6.4	4.0	4.0								6.7	6.7			
8				5.5		5.5	4.3	4.3		3.2	3.2					2.6	2.6			
9				5.3	1.2	4.1	4.4	4.4		4.5	4.5					2.2	2.2			
10	4.4	4.4		1.1		1.1	3.3	3.3		4.5	4.5									
11	4.6	1.2	3.4							4.7	4.7									
12	2.1	2.1								4.6	4.6									
13	1.9	1.9								4.3	4.3									
14	0.9	0.9		2.7	2.7					4.4	4.4									
15				3.7						4.5	4.5									
16				3.9		3.9				4.5	4.5									
17				3.7	3.7					4.1	4.1									
18				2.8	2.8					6.6	6.6									
19				3.0	3.0					9.2	9.2									
20				3.4	3.4					10.1	10.1									
21				3.7	3.7					1.6	1.6									
22				3.6	3.6															
23	2.7	2.7		3.4	3.4															
24	0.8	0.8		3.4	3.4															
25				3.4	3.4															
26				3.2	3.2															
27				3.2	3.2															
28				3.2	3.2															
29				3.8	3.8															
30				1.1	1.1															
31	4.2	4.2																		
Total	21.6	18.2	3.4	107.5	76.7	30.8	23.4	23.4		70.8	70.8		50.6	50.6						
Acre-feet		43		213			46			140			100							809
Priority Diverted		36		152			46			140			100							600
Apport Diverted		7		61																209
Apport diverted to date		148		209			209			209			209			209				209
TBI acreage	856.40			856.40			856.40			832.20			832.20			832.20				832.20
Apportioned		270		270			270			2,979			2,979			2,979				2,979
Duty		0.05		0.25			0.05			0.17			0.12							0.97

Diversions on North side of Gila River in NE 1/4 NW 14, Sec. 4, T. 19S, R. 21W, NHRPH. Water-stage recorder and 6 ft. Parshall flume located in NW 1/4 SE 14, Sec. 34, T. 8S, R. 32E.

Record Good

# 2013

## SAFFORD VALLEY: 31,891.90 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	41.9	41.9		73.9	73.9		102.6	95.1	7.5	76.6	76.5	0.1	54.6		54.6	23.4	15.5	7.9
2	40.8	40.8		78.2	78.2		148.6	148.6		63.5	63.5		34.0		34.0	28.2	20.9	7.3
3	39.8	39.8		81.4	81.4		111.2	108.0	3.2	62.2	62.2		27.6	27.6		29.2	27.1	2.1
4	40.4	40.4		80.5	80.5		147.1	147.1		50.8	50.8		27.4	27.4		28.9	27.8	1.1
5	40.6	40.6		79.6	79.6		101.4	94.5	6.9	35.8	35.8		27.1	27.1		28.2	27.5	0.7
6	40.4	40.4		97.7	97.7		131.7	130.5	1.2	19.1	17.7	1.4	26.6	26.6		28.0	28.0	
7	42.0	42.0		109.5	109.5		130.7	129.2	1.5	0.1		0.1	26.5	26.5		28.6	28.6	
8	41.3	41.3		107.8	107.8		126.5	126.4	0.1				24.8	24.8		28.1	27.3	0.8
9	54.0	54.0		112.8	112.8		99.3	97.3	2.0				26.0	26.0		27.5	26.3	1.2
10	62.2	62.2		116.7	116.7		119.4	118.8	0.6	0.1		0.1	36.2	36.2		26.2	26.2	
11	59.2	59.2		118.8	118.8		183.9	183.9		0.3		0.3	63.0	63.0		26.1	23.3	2.8
12	56.3	56.3		117.3	117.3		235.5	235.1	0.4	31.7			31.7	57.6		24.6	24.6	
13	57.7	57.7		122.3	122.3		243.1	243.1		58.4			58.4	46.5		22.1	22.1	
14	61.4	61.4		119.8	119.8		216.1	216.1		58.3	5.5		52.8	45.8		21.5	21.5	
15	54.9	54.9		107.2	106.1	1.1	183.5	183.5		57.3			57.3	46.7		21.2	21.2	
16	49.9	49.9		85.8	85.8		185.5	184.5	1.0	57.4			57.4	51.5		23.3	23.3	
17	50.0	50.0		39.0	37.6	1.4	183.8	183.8		58.3			58.3	41.9	1.0	19.9	19.9	
18	53.9	53.9		62.7	62.7		259.6	259.6		57.9			57.9	34.3		7.5	6.7	0.8
19	43.6	43.6		28.8	27.1	1.7	281.9	281.9		56.6			56.6	34.1				
20	39.2	39.2		69.3	69.3		284.6	282.4	2.2	58.8			58.8	29.5				
21	46.6	46.6		50.9	45.1	5.8	277.2	277.2		56.4			56.4	24.9				
22	48.8	48.8		103.3	103.3		153.8	153.0	0.8	55.9			55.9	24.8				
23	48.4	48.4		76.4	64.3	12.1	200.1	200.1		46.5			46.5	24.9				
24	51.0	51.0		134.7	134.7		170.2	169.7	0.5	47.6			47.6	24.0				
25	53.4	53.4		128.7	122.2	6.5	163.8	163.8		48.0			48.0	23.3				
26	53.3	53.3		162.6	162.6		152.1	152.1		47.4			47.4	17.5		2.2	2.2	
27	53.2	53.2		113.0	106.9	6.1	144.9	144.9		47.2			47.2	11.9		11.7	0.7	11.0
28	53.8	53.8		160.2	160.2		106.5	106.5		47.7			47.7	12.2	0.5	14.9	8.1	6.8
29	51.7	51.7					104.9	104.9		51.8			51.8	12.4	0.4	7.0	4.5	2.5
30	49.2	49.2					104.9	104.9		54.6			54.6	11.5				
31	63.6	63.6					104.0	104.0					11.3	11.3				
<b>Total</b>	<b>1542.5</b>	<b>1542.5</b>		<b>2736.9</b>	<b>2702.2</b>	<b>34.7</b>	<b>5160.4</b>	<b>5132.5</b>	<b>27.9</b>	<b>1308.3</b>	<b>312.0</b>	<b>996.3</b>	<b>960.4</b>	<b>869.9</b>	<b>90.5</b>	<b>478.3</b>	<b>433.3</b>	<b>45.0</b>
Acre-feet		3,060			5,429			10,236				2,595		1,905			949	
Priority Diverted		3,060			5,360			10,181				619		1,725			859	
Apport Diverted					68			55			1,977			180			91	
Apport diverted to date					68			123			2,100			2,280			2,371	
TBI acreage		24,897.85			25,115.26			25,221.14			25,221.14			25,221.14			25,221.14	
Apportioned											7,945			7,945			7,945	
Duty		0.12			0.22			0.41			0.10			0.08			0.04	

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				141.6	141.6		136.9	136.9		57.5	57.5		54.8	54.8					
2				143.7	143.7		136.3	136.3		64.4	64.4		59.3	59.3					
3				141.6	110.2	31.4	138.2	138.2		67.5	67.5		60.5	60.5					
4				140.9	140.9		141.4	141.4		75.0	75.0		65.2	65.2					
5				137.4	137.4		139.8	139.8		66.8	66.8		64.8	64.8					
6				139.6	70.9	68.7	136.7	136.7		93.2	93.2		63.9	63.9					
7				134.9	134.9		134.5	134.5		94.7	94.7		66.7	66.7					
8	25.8		25.8	102.7		102.7	135.9	135.9		97.4	97.4		78.9	78.9					
9	49.7	47.4	2.3	92.0	18.2	73.8	88.8	88.8		97.2	97.2		84.3	84.3					
10	58.0	58.0		85.0	69.7	15.3	64.0	64.0		91.8	91.8		84.2	84.2					
11	66.8	66.8		67.7	34.4	33.3	66.3	66.3		86.4	86.4		83.0	83.0					
12	72.5	62.2	10.3	65.8	65.8		51.0	51.0		83.3	83.3		81.2	81.2					
13	73.2	73.2		82.0	82.0		48.7	48.7		75.7	75.7		90.2	90.2					
14	72.1	72.1		113.8	113.8		44.7	44.7		73.2	73.2		58.1	58.1					
15	71.3	71.3		120.9	120.9		33.2	33.2		72.5	72.5								
16	90.0	90.0		105.8	34.5	71.3	23.9	23.9		72.1	72.1								
17	96.6	96.6		121.3		121.3	23.8	23.8		71.7	71.7								
18	103.9	103.9		122.1	119.6	2.5	24.4	24.4		71.8	71.8		9.1	9.1					
19	108.4	108.4		117.6	117.6		14.1	14.1		72.3	72.3		15.4	15.4					
20	116.3	116.3		96.2	87.6	8.6				71.6	71.6		15.1	15.1					
21	115.7	115.7		87.2	87.2					71.2	71.2		10.5	10.5					
22	117.2	117.2		89.0	89.0					66.7	66.7		0.7	0.7					
23	119.7	119.7		89.5	89.5		23.6	23.6		53.1	53.1								
24	120.5	120.5		89.1	89.1		43.7	43.7		53.9	53.9		0.9	0.9					
25	121.7	121.7		88.3	88.3		54.0	54.0		56.3	56.3		1.3	1.3					
26	123.0	123.0		91.3	91.3		55.9	55.9		55.5	55.5		1.0	1.0					
27	127.6	127.6		103.3	103.3		55.2	55.2		54.7	54.7		0.1	0.1					
28	126.2	126.2		120.8	120.8		56.0	56.0		54.7	54.7								
29	131.6	131.6		132.4	132.4		56.8	56.8		54.8	54.8								
30	132.4	132.4		125.1	125.1		57.3	57.3		54.3	54.3								
31	140.2	140.2		128.5	128.5					54.3	54.3								
<b>Total</b>	<b>2380.4</b>	<b>2342.0</b>	<b>38.4</b>	<b>3417.1</b>	<b>2886.2</b>	<b>528.9</b>	<b>1986.1</b>	<b>1986.1</b>		<b>2205.9</b>	<b>2205.9</b>		<b>1049.2</b>	<b>1049.2</b>					
Acre-feet		4,722			6,778			3,939			4,375			2,081					46,068
Priority Diverted		4,646			5,729			3,939			4,375			2,080					42,573
Apport Diverted		76			1,048														3,495
Apport diverted to date		2,447			3,495			3,495			3,495			3,495					3,495
TBI acreage		25,224.75			25,224.75			25,224.75			23,426.58			23,426.58					23,426.58
Apportioned					7,946			7,946			83,867			83,867					83,867
Duty		0.19			0.27			0.16			0.19			0.09					1.97

# 2013

## 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	1.2	1.2					3.1	3.1		2.9	2.9							
2							3.9	3.9		2.6	2.6							
3							3.4	3.4		2.6	2.6							
4							3.3	3.3		2.2	2.2							
5							3.3	3.3		1.3	1.3							
6							3.3	3.3		0.5	0.5							
7							3.8	3.8										
8							4.6	4.6										
9				4.6	4.6		3.5	3.5										
10				7.1	7.1		3.5	3.5										
11				7.1	7.1		6.6	6.6										
12				7.1	7.1		8.5	8.5										
13				7.1	7.1		8.9	8.9										
14				7.0	7.0		8.9	8.9										
15				6.9	6.9		8.9	8.9										
16				7.4	7.4		9.1	9.1										
17				3.4	3.3	0.1	9.1	9.1										
18				3.3	3.3		8.4	8.4										
19				2.8	2.8		7.9	7.9										
20				2.3	2.3		7.9	7.9										
21	2.9	2.9		1.6	1.6		7.3	7.3										
22	4.8	4.8		2.6	2.6		5.4	5.4										
23	4.7	4.7		2.3	2.3		6.2	6.2										
24	2.3	2.3		4.5	4.5		7.1	7.1										
25				4.6	4.6		6.8	6.8										
26				5.1	5.1		5.6	5.6										
27				2.9	2.9		4.5	4.5										
28				4.6	4.6		3.6	3.6										
29							3.5	3.5										
30							3.5	3.5										
31							3.5	3.5										
<b>Total</b>	<b>15.9</b>	<b>15.9</b>		<b>94.3</b>	<b>94.2</b>	<b>0.1</b>	<b>176.9</b>	<b>176.9</b>		<b>12.1</b>	<b>12.1</b>							
Acre-feet		32			187			351			24							
Priority Diverted		32			187			351			24							
Apport Diverted																		
Appor diverted to date																		
TBI acreage		747.00			747.00			812.40			812.40			812.40			812.40	
Apportioned											256			256			256	
Duty		0.04			0.25			0.43			0.03							

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				9.8	9.8		9.1	9.1		5.2	5.2		0.5	0.5					
2				10.0	10.0		8.9	8.9		5.1	5.1		5.1	5.1					
3				9.9	5.7	4.2	8.9	8.9		5.0	5.0		6.3	6.3					
4				9.7	9.7		9.1	9.1		2.1	2.1		2.5	2.5					
5				9.6	9.6		8.1	8.1											
6				9.8	3.2	6.6	7.7	7.7											
7				8.0	8.0		7.7	7.7					0.4	0.4					
8				4.7		4.7	7.6	7.6		0.5	0.5		4.2	4.2					
9				4.7	0.7	4.0	5.3	5.3		3.6	3.6		5.4	5.4					
10				4.7	4.2	0.5	3.3	3.3		4.5	4.5		5.6	5.6					
11	3.4	3.4		4.9	1.8	3.1	4.7	4.7		4.5	4.5		5.5	5.5					
12	4.7	4.7		4.3	4.3		5.0	5.0		4.6	4.6		5.4	5.4					
13	5.1	5.1		4.9	4.9		5.0	5.0		4.8	4.8		5.4	5.4					
14	4.8	4.8		4.7	4.7		4.7	4.7		4.9	4.9		4.2	4.2					
15	4.7	4.7		4.8	4.8		3.3	3.3		5.0	5.0								
16	5.4	5.4		4.6	1.8	2.8	0.6	0.6		5.0	5.0								
17	5.6	5.6		4.5		4.5	0.4	0.4		4.9	4.9								
18	4.9	4.9		4.4	4.4					4.8	4.8								
19	4.7	4.7		4.3	4.3					4.8	4.8								
20	5.0	5.0		4.2	4.2					4.7	4.7								
21	5.1	5.1		4.2	4.2					4.7	4.7								
22	5.1	5.1		4.8	4.8					4.6	4.6								
23	5.1	5.1		5.7	5.7					3.0	3.0								
24	4.8	4.8		5.4	5.4		3.6	3.6					0.9	0.9					
25	4.8	4.8		5.1	5.1		5.1	5.1					0.6	0.6					
26	5.0	5.0		5.3	5.3		5.0	5.0					0.1	0.1					
27	4.8	4.8		4.9	4.9		4.8	4.8					0.1	0.1					
28	4.9	4.9		8.2	8.2		4.6	4.6											
29	4.7	4.7		9.6	9.6		4.4	4.4											
30	4.5	4.5		9.8	9.8		4.8	4.8											
31	8.5	8.5		9.5	9.5														
<b>Total</b>	<b>105.6</b>	<b>105.6</b>		<b>199.0</b>	<b>168.6</b>	<b>30.4</b>	<b>131.7</b>	<b>131.7</b>		<b>86.3</b>	<b>86.3</b>		<b>52.2</b>	<b>52.2</b>					
Acre-feet		209			395			261			171			104				1,733	
Priority Diverted		209			334			261			171			104				1,673	
Apport Diverted					60													60	
Appor diverted to date					60			60			60			60				60	
TBI acreage		812.40			812.40			812.40			812.40			812.40				812.40	
Apportioned		256			256			256			2,908			2,908				2,908	
Duty		0.26			0.49			0.32			0.21			0.13				2.13	

Diversion from North side of Gila River in SE 1/4 SE 1/4, Sec. 30, T. 6S, R28E. Water -stage recorder and 3 ft. Parshall flume located in NE 1/4 NE 1/4, Sec. 31, T. 6S, R 28E.

Record Good

2013

**SAN JOSE CANAL: 4,150.03 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							20.1	19.0	1.1	16.9	16.9		6.3		6.3	5.7	5.7	
2							21.6	21.6		15.9	15.9		6.3		6.3	7.2	7.2	
3							20.3	20.1	0.2	15.9	15.9		5.6	5.6		7.5	7.5	
4							21.6	21.6		13.7	13.7		5.7	5.7		7.5	7.5	
5							19.5	19.0	0.5	11.7	11.7		5.6	5.6		9.4	9.4	
6							21.1	21.1		7.0	6.3	0.7	5.4	5.4		10.4	10.4	
7							20.7	20.1	0.6				5.4	5.4		8.3	8.3	
8							20.2	20.1	0.1				3.9	3.9		7.5	7.5	
9							19.1	19.0	0.1				5.2	5.2		8.8	8.8	
10							20.1	20.1					6.2	6.2		9.5	9.5	
11							25.3	25.3					6.2	6.2		9.8	8.5	1.3
12							34.3	34.3		3.6		3.6	6.2	6.2		9.2	9.2	
13							38.1	38.1		6.2		6.2	6.2	6.2		8.5	8.5	
14							34.5	34.5		6.2	1.0	5.2	7.4	7.4		8.5	8.5	
15							20.2	20.2		6.2		6.2	7.9	7.9		7.9	7.9	
16							20.2	20.2		6.2		6.2	7.5	7.5		9.1	9.1	
17							20.2	20.2		6.2		6.2	7.5	7.5		7.8	7.8	
18							41.1	41.1		6.2		6.2	7.5	7.5		2.5	2.5	
19							42.6	42.6		6.2		6.2	7.5	7.5				
20				15.4	15.4		43.1	43.1		6.2		6.2	7.5	7.5				
21				14.5	12.7	1.8	43.1	43.1		6.3		6.3	7.5	7.5				
22				18.2	18.2		21.6	21.6		6.3		6.3	7.5	7.5				
23				20.9	15.9	5.0	30.2	30.2		5.1		5.1	7.5	7.5				
24				23.2	23.2		22.6	22.6		5.1		5.1	7.6	7.6				
25				21.4	20.1	1.3	22.6	22.6		5.2		5.2	7.5	7.5				
26				23.5	23.5		21.6	21.6		5.1		5.1	5.2	5.2		0.6	0.6	
27				20.7	20.1	0.6	21.6	21.6		5.1		5.1	3.4	3.4		3.5		3.5
28				23.5	23.5		20.1	20.1		5.1		5.1	3.2	3.2				
29							20.1	20.1		5.8		5.8	3.2	3.2				
30							20.1	20.1		6.3		6.3	3.2	3.2				
31							20.1	20.1					3.2	3.2				
<b>Total</b>				181.3	172.6	8.7	787.6	785.0	2.6	189.7	81.4	108.3	186.0	173.4	12.6	149.2	144.4	4.8
Acre-feet					360			1,562			376			369			296	
Priority Diverted					342			1,557			161			344			286	
Apport Diverted					17			5			215			25			10	
Apport diverted to date					17			22			237			262			272	
TBI acreage	3,479.85				3,502.56			3,506.96			3,506.96			3,506.96			3,506.96	
Apportioned											1,105			1,105			1,105	
Duty					0.10			0.45			0.11			0.11			0.08	

DAY	JUL			AUG			SEP			OCT			NOV			DEC			Totals
	Total	Priority	Apport																
1				7.5	7.5		7.5	7.5		8.3	8.3		16.5	16.5					
2				7.5	7.5		7.5	7.5		8.3	8.3		16.5	16.5					
3				7.5	7.5		7.5	7.5		8.3	8.3		16.5	16.5					
4				7.5	7.5		7.7	7.7		8.3	8.3		16.5	16.5					
5				7.5	7.5		7.6	7.6		14.5	14.5		16.5	16.5					
6				7.5	7.5		7.6	7.6		16.5	16.5		16.5	16.5					
7				7.5	7.5		7.5	7.5		16.5	16.5		16.5	16.5					
8	4.5		4.5	7.5		7.5	7.6	7.6		16.5	16.5		16.5	16.5					
9	7.5	7.5		7.5	6.3	1.2	7.5	7.5		16.5	16.5		16.5	16.5					
10	7.5	7.5		7.5	7.5		7.5	7.5		16.5	16.5		16.5	16.5					
11	7.5	7.5		7.5	7.5		7.6	7.6		16.5	16.5		16.5	16.5					
12	7.8	7.8		7.5	7.5		1.9	1.9		16.5	16.5		16.5	16.5					
13	7.7	7.7		7.5	7.5					16.5	16.5		16.5	16.5					
14	7.5	7.5		7.5	7.5					16.5	16.5		10.7	10.7					
15	7.5	7.5		7.5	7.5					16.5	16.5								
16	7.5	7.5		7.5	7.5					16.5	16.5								
17	7.5	7.5		7.5		7.5		7.5		16.5	16.5								
18	7.5	7.5		7.6	7.6					16.5	16.5		3.4	3.4					
19	7.5	7.5		7.8	7.8					16.5	16.5		5.8	5.8					
20	8.3	8.3		7.5	7.5					16.5	16.5		5.8	5.8					
21	7.5	7.5		7.5	7.5					16.5	16.5		3.8	3.8					
22	7.5	7.5		7.5	7.5					16.5	16.5		0.7	0.7					
23	7.5	7.5		7.5	7.5		5.2	5.2		16.5	16.5								
24	7.5	7.5		7.5	7.5		8.3	8.3		16.5	16.5								
25	7.5	7.5		7.5	7.5		8.3	8.3		16.5	16.5								
26	7.5	7.5		7.5	7.5		8.3	8.3		16.5	16.5								
27	7.5	7.5		7.5	7.5		8.3	8.3		16.5	16.5								
28	7.5	7.5		7.5	7.5		8.3	8.3		16.5	16.5								
29	7.5	7.5		7.5	7.5		8.3	8.3		16.5	16.5								
30	7.5	7.5		7.5	7.5		8.3	8.3		16.5	16.5								
31	7.5	7.5		7.5	7.5					16.5	16.5								
<b>Total</b>	178.3	173.8	4.5	232.9	216.7	16.2	148.3	148.3		476.7	476.7		244.7	244.7					
Acre-feet		354			462			294			946			485				5,503	
Priority Diverted		345			430			294			946			485				5,190	
Apport Diverted		9			32													313	
Apport diverted to date		281			313			313			313			313			313	313	
TBI acreage	3,506.96			3,506.96			3,506.96			3,203.75			3,203.75			3,203.75		3,203.75	
Apportioned		1,105			1,105			1,105			11,469			11,469			11,469	11,469	
Duty		0.10			0.13			0.08			0.30			0.15				1.72	

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

# 2013

## FOURNNESS CANAL: 210.70 Acres

Mean daily diversions, cubic feet per second

DAY	JAN			FEB			MAR			APR			MAY			JUN		
	Total	Priority	Apport															
1							0.5		0.5									
2																		
3																		
4																		
5																		
6																		
7																		
8																		
9																		
10																		
11							2.2	2.2										
12							2.4	2.4		1.4		1.4						
13							2.4	2.4		2.4		2.4						
14							2.4	2.4		2.4		2.4						
15							1.3	1.3		2.4		2.4						
16							1.3	1.3		2.4		2.4						
17							1.3	1.3		2.4		2.4						
18							2.4	2.4		2.4		2.4						
19							2.4	2.4		2.4		2.4						
20							2.4	2.4		2.4		2.4						
21							2.4	2.4		0.6		0.6						
22																		
23							2.4	2.4										
24				1.7	1.7		2.4	2.4										
25				0.8		0.8	2.4	2.4										
26				2.4	2.4													
27				0.5		0.5												
28				2.4	2.4													
29																		
30																		
31																		
<b>Total</b>				7.8	6.5	1.3	30.6	30.1	0.5	21.2		21.2						
Acre-feet					15			61			42							
Priority Diverted					13			60										
Apport Diverted					3			1			42							
Appor diverted to date					3			4			46			46			46	
TBI acreage	173.90			189.40			189.40			189.40			189.40			189.40		
Apportioned											60			60			60	
Duty				0.08			0.32			0.22								

DAY	JUL			AUG			SEP			OCT			NOV			DEC			Totals
	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																			
<b>Total</b>																			
Acre-feet																			119
Priority Diverted																			73
Apport Diverted																			46
Appor diverted to date																			46
TBI acreage	46			46			46			46			46			46			189.40
Apportioned	189.40			189.40			189.40			189.40			189.40			189.40			189.40
Duty	60			60			60			678			678			678			678
																			0.63

2013

**MONTEZUMA CANAL: 4,835.96 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							15.2	15.2		14.8	14.8		6.2		6.2	4.7	4.7	
2							19.0	19.0		14.9	14.9		6.2		6.2	7.3	7.3	
3							15.9	15.9		14.7	14.7		6.2	6.2		10.1	10.1	
4							19.6	19.6		13.6	13.6		6.2	6.2		11.3	11.3	
5							16.7	16.4	0.3	13.1	13.1		6.2	6.2		11.2	11.2	
6							18.2	18.2		6.5	5.8	0.7	6.2	6.2		11.2	11.2	
7							18.7	18.2	0.5				6.2	6.2		12.1	12.1	
8							18.2	18.2					6.2	6.2		11.1	11.1	
9							15.7	15.7					6.2	6.2		10.6	10.6	
10							18.1	18.1					12.2	12.2		10.3	10.3	
11							24.5	24.5					11.0	11.0		10.4	9.1	1.3
12							41.4	41.4		3.7		3.7	11.4	11.4		9.7	9.7	
13							41.7	41.7		6.3		6.3	12.0	12.0		9.2	9.2	
14							36.5	36.5		6.3	2.0	4.3	12.9	12.9		7.3	7.3	
15							30.7	30.7		6.3		6.3	13.4	13.4		8.1	8.1	
16							29.7	29.7		6.3		6.3	13.0	13.0		9.1	9.1	
17							29.3	29.3		6.3		6.3	12.7	12.7		7.4	7.4	
18							39.8	39.8		6.3		6.3	11.8	11.8		2.6	2.6	
19							41.5	41.5		6.3		6.3	11.7	11.7				
20				8.7	8.7		40.9	40.9		6.3		6.3	10.2	10.2				
21				13.0	13.0		40.8	40.8		6.2		6.2	8.4	8.4				
22				17.3	17.3		18.9	18.9		6.2		6.2	8.0	8.0				
23				16.6	15.6	1.0	32.4	32.4		5.0		5.0	9.5	9.5				
24				13.2	13.2		20.0	20.0		6.0		6.0	9.2	9.2				
25				12.7	12.7		19.7	19.7		6.2		6.2	8.6	8.6				
26				18.0	18.0		18.6	18.6		6.2		6.2	6.8	6.8		0.8	0.8	
27				16.6	16.6		18.1	18.1		6.2		6.2	4.8	4.8		2.9	0.7	2.2
28				19.9	19.9		15.9	15.9		6.2		6.2	4.1	4.1		5.5	4.7	0.8
29							16.1	16.1		6.2		6.2	4.4	4.4		2.7	2.0	0.7
30							16.0	16.0		6.2		6.2	4.7	4.7				
31							15.7	15.7					4.6	4.6				
<b>Total</b>				136.0	135.0	1.0	765.5	762.7	0.8	192.3	78.9	113.4	261.2	248.8	12.4	175.6	170.6	5.0
Acre-feet						270		1,514			381		518			348		
Priority Diverted						268		1,513			156		493			338		
Apport Diverted						2		2			225		25			10		
Appor diverted to date						2		4			229		254			264		
TBI acreage	3,479.50				3,516.60			3,516.60			3,516.60		3,516.60			3,516.60		
Apportioned											1,108		1,108			1,108		
Duty						0.08		0.43			0.11		0.15			0.10		

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				21.4	21.4		17.3	17.3		10.4	10.4		16.2	16.2					
2				21.6	21.6		17.3	17.3		10.6	10.6		16.1	16.1					
3				20.7	19.7	1.0	18.2	18.2		10.7	10.7		16.2	16.2					
4				20.3	20.3		18.6	18.6		10.5	10.5		16.2	16.2					
5				20.8	20.8		18.6	18.6		16.7	16.7		16.2	16.2					
6				21.0	16.0	5.0	18.5	18.5		18.7	18.7		16.2	16.2					
7				21.3	21.3		18.2	18.2		18.4	18.4		16.2	16.2					
8	8.4		8.4	21.9		21.9	18.5	18.5		18.8	18.8		16.1	16.1					
9	13.5	13.5		16.6	5.8	10.8	18.5	18.5		19.0	19.0		16.1	16.1					
10	13.8	13.8		14.6	14.6		18.2	18.2		18.8	18.8		15.8	15.8					
11	14.9	14.9		15.3	13.7	1.6	18.6	18.6		19.0	19.0		15.5	15.5					
12	15.3	15.3		15.4	15.4		11.9	11.9		18.9	18.9		15.3	15.3					
13	15.1	15.1		15.2	15.2		9.1	9.1		17.4	17.4		15.2	15.2					
14	13.9	13.9		16.5	16.5		9.8	9.8		17.0	17.0		10.1	10.1					
15	14.0	14.0		17.6	17.6		0.0		0.0	16.8	16.8								
16	14.6	14.6		17.8	13.7	4.1				16.8	16.8								
17	14.4	14.4		18.0		18.0				16.6	16.6								
18	19.9	19.9		18.6	18.6					16.7	16.7		2.8	2.8					
19	21.4	21.4		18.7	18.7					16.9	16.9		4.6	4.6					
20	23.3	23.3		18.3	18.3					17.2	17.2		4.4	4.4					
21	22.2	22.2		17.2	17.2					17.3	17.3		3.4	3.4					
22	21.8	21.8		17.4	17.4					17.1	17.1								
23	22.3	22.3		17.9	17.9					16.9	16.9								
24	21.8	21.8		17.7	17.7					16.9	16.9								
25	22.2	22.2		17.4	17.4		8.6	8.6		16.8	16.8								
26	22.2	22.2		17.3	17.3		10.7	10.7		16.5	16.5								
27	21.8	21.8		17.5	17.5		10.3	10.3		16.1	16.1								
28	20.2	20.2		18.2	18.2		10.1	10.1		16.2	16.2								
29	21.9	21.9		17.4	17.4		10.1	10.1		16.2	16.2								
30	21.9	21.9		18.0	18.0		10.3	10.3		16.1	16.1								
31	21.5	21.5		17.6	17.6					16.2	16.2								
<b>Total</b>	442.3	433.9	8.4	565.2	502.8	62.4	291.4	291.4	0.0	508.2	508.2		232.6	232.6					
Acre-feet		877			1,121			578			1,008			461					7,078
Priority Diverted		861			997			578			1,008			461					6,673
Apport Diverted		17			124														405
Appor diverted to date		281			405			405			405			405					405
TBI acreage	3,519.76				3,519.76			3,519.76			3,162.44			3,162.44			3,162.44		3,162.44
Apportioned		1,109			1,109			1,109			11,322			11,322			11,322		11,322
Duty		0.25			0.32			0.16			0.32			0.15					2.24

2013

**UNION CANAL: 7,283.56 Acres**

Mean daily diversions, cubic feet per second

DAY	JAN			FEB			MAR			APR			MAY			JUN		
	Total	Priority	Apport															
1							28.1	22.8	5.3	18.7	18.7		26.4		26.4	8.9	4.6	4.3
2							46.7	46.7		13.4	13.4		5.2		5.2	8.6	5.7	2.9
3							30.8	28.0	2.8	13.4	13.4					8.5	8.5	
4							46.8	46.8		12.4	12.4					8.7	8.7	
5							27.4	22.8	4.6	8.7	8.7					6.9	6.9	
6							38.8	38.5	0.3	4.6	4.6					6.4	6.4	
7							36.8	36.8								8.2	8.2	
8							37.0	37.0								8.7	8.7	
9							24.0	22.8	1.2							6.9	6.9	
10							33.1	33.1								6.4	6.4	
11							50.5	50.5					27.5	27.5		5.9	5.7	0.2
12							52.6	52.6		15.3		15.3	27.5	27.5		5.7	5.7	
13							56.5	56.5		26.2		26.2	22.2	22.2		4.4	4.4	
14							52.3	52.3		26.5	2.5	24.0	18.7	18.7		5.7	5.7	
15							42.2	42.2		26.7		26.7	18.7	18.7		5.2	5.2	
16							36.7	36.7		26.8		26.8	18.7	18.7		5.1	5.1	
17							36.7	36.7		27.0		27.0	14.8	14.8		4.7	4.7	
18							63.0	63.0		26.8		26.8	12.4	12.4		1.6	1.6	
19							64.5	64.5		27.0		27.0	12.4	12.4				
20				13.4			65.1	65.1		27.0		27.0	10.1	10.1				
21				13.9	10.3	3.6	65.1	65.1		26.7		26.7	8.7	8.7				
22				27.2	27.2		47.2	47.2		26.9		26.9	8.7	8.7				
23				19.4	13.3	6.1	52.0	52.0		20.4		20.4	6.8	6.8				
24				39.7	39.7		50.2	50.2		20.4		20.4	5.7	5.7				
25				41.1	36.8	4.3	50.2	50.2		20.4		20.4	5.7	5.7				
26				50.8	50.8		47.2	47.2		20.3		20.3	4.4	4.4		0.8	0.8	
27				32.1	27.8	4.3	42.8	42.8		20.0		20.0	3.4	3.4		5.3		5.3
28				50.8	50.8		28.0	28.0		20.4		20.4	3.4	3.4		9.4	3.4	6.0
29							28.0	28.0		23.9		23.9	3.4	3.4		4.3	2.5	1.8
30							28.0	28.0		26.6		26.6	3.4	3.4				
31							28.0	28.0					3.4	3.4				
<b>Total</b>				288.4	270.1	18.3	1336.3	1322.1	14.2	526.5	73.7	452.8	271.6	240.0	31.6	136.3	115.8	20.5
Acre-feet						572			2,651			1,044			539			270
Priority Diverted						536			2,622			146			476			230
Apport Diverted						36			28			898			63			41
Apport diverted to date						36			64			962			1,025			1,066
TBI acreage	5,240.11			5,240.11			5,276.19			5,276.19			5,276.19			5,276.19		
Apportioned												1,662			1,662			1,662
Duty						0.11			0.50			0.20			0.10			0.05

DAY	JUL			AUG			SEP			OCT			NOV			DEC			Totals
	Total	Priority	Apport																
1				22.0	22.0		22.0	22.0		22.0	22.0		13.7	13.7					
2				22.0	22.0		22.0	22.0		22.0	22.0		13.7	13.7					
3				22.0	22.0		22.0	22.0		22.0	22.0		13.7	13.7					
4				22.0	22.0		22.0	22.0		22.0	22.0		13.7	13.7					
5				22.0	22.0		22.0	22.0		22.0	22.0		13.7	13.7					
6				22.0	18.8	3.2	22.0	22.0		22.0	22.0		13.7	13.7					
7				22.0	22.0		22.0	22.0		22.0	22.0		13.7	13.7					
8	4.5		4.5	11.0		11.0	22.0	22.0		22.0	22.0		13.7	13.7					
9	7.5	7.5		11.0	4.6	6.4	22.0	22.0		22.0	22.0		13.7	13.7					
10	7.5	7.5		11.0	11.0		22.0	22.0		22.0	22.0		13.7	13.7					
11	7.5	7.5		11.0	8.7	2.3	22.0	22.0		22.0	22.0		13.7	13.7					
12	10.2	10.2		11.0	11.0		22.0	22.0		22.0	22.0		13.7	13.7					
13	11.0	11.0		11.0	11.0		22.0	22.0		15.8	15.8		13.7	13.7					
14	11.0	11.0		18.1	18.1		22.0	22.0		13.7	13.7		8.8	8.8					
15	11.0	11.0		22.0	22.0		21.7	21.7		13.7	13.7								
16	11.0	11.0		22.0	8.7	13.3	18.1	18.1		13.7	13.7								
17	11.0	11.0		22.0		22.0	18.8	18.8		13.7	13.7								
18	15.4	15.4		22.0	22.0		20.1	20.1		13.7	13.7		2.5	2.5					
19	16.5	16.5		22.0	22.0		12.2	12.2		13.7	13.7		4.3	4.3					
20	16.5	16.5		15.2	15.2					13.7	13.7		4.3	4.3					
21	16.5	16.5		11.0	11.0					13.7	13.7								
22	16.5	16.5		11.0	11.0					13.7	13.7		2.8	2.8					
23	16.5	16.5		11.0	11.0		12.3	12.3		13.7	13.7								
24	16.5	16.5		11.0	11.0		21.4	21.4		13.7	13.7								
25	16.5	16.5		11.0	11.0		22.0	22.0		13.7	13.7								
26	16.5	16.5		11.0	11.0		22.0	22.0		13.7	13.7								
27	16.5	16.5		11.0	11.0		22.0	22.0		13.7	13.7								
28	16.5	16.5		11.0	11.0		22.0	22.0		13.7	13.7								
29	16.5	16.5		19.5	19.5		22.0	22.0		13.7	13.7								
30	16.5	16.5		22.0	22.0		22.0	22.0		13.7	13.7								
31	20.9	20.9		22.0	22.0					13.7	13.7								
<b>Total</b>	326.5	322.0	4.5	514.8	456.6	58.2	564.6	564.6		526.4	526.4		200.8	200.8					
Acre-feet		648			1,021			1,120			1,044			398				9,307	
Priority Diverted		639			906			1,120			1,044			398				8,117	
Apport Diverted		9			115													1,190	
Apport diverted to date		1,075			1,190			1,190			1,190			1,190				1,190	
TBI acreage	5,276.64			5,276.64			5,276.64			4,884.72			4,884.72			4,884.72		4,884.72	
Apportioned		1,662			1,662			1,662			17,487			17,487				17,487	
Duty		0.12			0.19			0.21			0.21			0.08				1.91	

2013

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							4.7	4.5	0.2	4.0	4.0				1.5	0.5	1.0	
2							9.9	9.9		2.8	2.8				2.8	0.7	2.1	
3							5.5	5.5		2.5	2.5				2.7	1.0	1.7	
4							9.7	9.7		1.4	1.4				0.3	0.3		
5							4.9	4.5	0.4	0.5	0.5							
6				18.0	18.0		9.0	9.0		0.2	0.2							
7				29.8	29.8		9.5	9.5										
8				28.0	28.0		7.8	7.8										
9	12.8	12.8		27.9	27.9		4.4	4.4										
10	19.9	19.9		29.8	29.8		7.1	7.1										
11	19.5	19.5		29.8	29.8		18.7	18.7										
12	19.5	19.5		29.8	29.8		26.6	26.6										
13	19.6	19.6		29.6	29.6		32.3	32.3										
14	19.7	19.7		31.6	31.6		29.0	29.0										
15	19.7	19.7		31.6	30.5	1.1	23.5	23.5										
16	17.5	17.5		22.8	22.8		23.3	23.3				6.7	6.7					
17	16.6	16.6		4.5	4.5		23.0	23.0				5.5	4.5	1.0				
18	16.5	16.5		14.5	14.5		32.3	32.3				1.8	1.8					
19	6.2	6.2		4.1	4.1		39.0	39.0				1.7	1.7					
20				3.9	3.9		40.5	40.5				0.6	0.6					
21				1.6	1.6		39.7	39.7				0.3	0.3					
22				6.0	6.0		12.7	12.7				0.6	0.6					
23				2.7	2.7		22.0	22.0				0.5	0.5					
24				15.6	15.6		16.4	16.4				0.4	0.4					
25				9.6	9.6		16.2	16.2				0.4	0.4					
26				15.4	15.4		11.7	11.7				0.4	0.4					
27				6.1	5.7	0.4	10.7	10.7				0.3	0.3					
28				14.2	14.2		5.0	5.0				0.3	0.3					
29							5.5	5.5				0.3	0.3					
30							5.4	5.4				0.2	0.2					
31							5.0	5.0				0.1	0.1					
<b>Total</b>	<b>187.5</b>	<b>187.5</b>	<b></b>	<b>406.9</b>	<b>405.4</b>	<b>1.5</b>	<b>511.0</b>	<b>510.4</b>	<b>0.6</b>	<b>11.4</b>	<b>11.4</b>	<b>20.1</b>	<b>19.1</b>	<b>1.0</b>	<b>7.3</b>	<b>2.5</b>	<b>4.8</b>	
Acre-feet		372			807			1014			23		40			14		
Priority Diverted		372			804			1012			23		38			5		
Apport Diverted					3			1					2			10		
Apport diverted to date					3			4			4		6			16		
TBI acreage		3679.06			3723.16			3723.16			3723.16		3723.16			3723.16		
Apportioned											1173		1173			1173		
Duty		0.10			0.22			0.27			0.01		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				29.2	29.2		25.3	25.3											
2				29.3	29.3		25.1	25.1											
3				29.3	12.8	16.5	25.1	25.1											
4				30.3	30.3		26.3	26.3		10.6	10.6								
5				25.9	25.9		24.9	24.9		12.5	12.5								
6				28.6	4.4	24.2	23.9	23.9		12.7	12.7								
7				28.7	28.7		19.9	19.9		12.1	12.1								
8	6.8		6.8	25.0		25.0	24.7	24.7		13.4	13.4		8.9	8.9					
9	11.9	9.6	2.3	25.0	0.5	24.5	11.5	11.5		14.5	14.5		13.3	13.3					
10	12.6	12.6		20.0	8.7	11.3				13.9	13.9		13.4	13.4					
11	16.7	16.7		0.9	0.9					13.8	13.8		13.0	13.0					
12	16.8	9.6	7.2	0.9	0.9					14.3	14.3		13.0	13.0					
13	16.5	16.5		17.4	17.4					14.2	14.2		13.0	13.0					
14	16.7	16.7		24.2	24.2					14.1	14.1		11.7	11.7					
15	15.8	15.8		24.1	24.1		1.0	1.0		13.5	13.5								
16	16.5	16.5		23.7	1.0	22.7	0.4	0.4		13.1	13.1								
17	24.1	24.1		24.7		24.7	0.3	0.3		13.0	13.0								
18	22.8	22.8		24.3	24.3		0.2	0.2		13.1	13.1		0.4	0.4					
19	24.3	24.3		24.7	24.7					13.4	13.4		0.7	0.7					
20	24.7	24.7		24.3	18.0	6.3				12.5	12.5		0.6	0.6					
21	25.6	25.6		24.3	24.3					12.0	12.0		0.5	0.5					
22	25.0	25.0		25.4	25.4					11.6	11.6								
23	23.1	23.1		24.9	24.9					3.0	3.0								
24	24.5	24.5		25.0	25.0														
25	25.5	25.5		24.8	24.8														
26	25.0	25.0		26.3	26.3														
27	29.0	29.0		24.8	24.8														
28	30.0	30.0		24.5	24.5														
29	29.7	29.7		24.8	24.8														
30	29.1	29.1		24.9	24.9														
31	29.4	29.4		25.2	25.2														
<b>Total</b>	<b>522.1</b>	<b>505.8</b>	<b>16.3</b>	<b>735.4</b>	<b>580.2</b>	<b>155.2</b>	<b>208.6</b>	<b>208.6</b>	<b></b>	<b>251.3</b>	<b>251.3</b>	<b>88.5</b>	<b>88.5</b>	<b></b>	<b></b>	<b></b>	<b></b>	<b></b>	
Acre-feet		1036			1459			414			498		176					5852	
Priority Diverted		1003			1151			414			498		176					5496	
Apport Diverted		32			308													356	
Apport diverted to date		48			356			356			356		356					356	
TBI acreage		3723.16			3723.16			3723.16			3454.02		3454.02			3454.02		3,454.02	
Apportioned		1173			1173			1173			12365		12365			12365		12365	
Duty		0.28			0.39			0.11			0.14		0.05					1.69	

Diversion from North side of Gila River in NW 14 NE 1/4, Sec. 9, T. 7S, R. 26E. Water-stage recorder and 8 ft Parshall flume located in SW 14 SW 14, Sec. 4, T. 7S, R. 26E.

Record Good

2013

SMITHVILLE CANAL: 2,445.63 Acres

Mean daily diversions, cubic feet per second

DAY	JAN			FEB			MAR			APR			MAY			JUN		
	Total	Priority	Apport															
1					24.1		10.8	10.8		10.2	10.2		1.2		1.2			
2				25.0	25.0		15.4	15.4		9.2	9.2		1.7		1.7			
3				25.1	25.1		11.8	11.8		8.8	8.8		1.5	1.5				
4				25.3	25.3		14.6	14.6		4.1	4.1		1.4	1.4				
5				25.3	25.3		10.3	10.3					1.2	1.2				
6				25.3	25.3		12.5	12.5					1.1	1.1				
7				25.3	25.3		13.2	13.2					1.1	1.1				
8				25.4	25.4		13.1	13.1					1.1	1.1				
9				25.4	25.4		11.4	11.4					1.1	1.1				
10				25.0	25.0		10.5	10.5					2.4	2.4				
11				24.2	24.2		15.4	15.4					2.5	2.5				
12				24.0	24.0		20.1	20.1					1.8	1.8				
13				24.0	24.0		19.3	19.3		0.3		0.3	0.2	0.2				
14				22.6	22.6		20.3	20.3										
15				19.0	19.0		18.3	18.3										
16				17.1	17.1		17.4	17.4		1.2		1.2						
17				10.7	10.7		17.4	17.4		2.4		2.4	0.0		0.0			
18				14.3	14.3		21.9	21.9		2.3		2.3	0.0		0.0			
19				9.0	9.0		23.1	23.1		2.3		2.3						
20				10.5	10.5		22.9	22.9		2.2		2.2						
21				3.5	3.5		21.9	21.9		1.8		1.8						
22				12.0	12.0		15.7	15.7		2.0		2.0						
23				9.1	9.1		17.4	17.4		2.0		2.0						
24				7.9	7.9		15.7	15.7		1.7		1.7						
25					10.6		12.8	12.8		1.5		1.5						
26				14.4	14.4		13.3	13.3		1.1		1.1						
27				11.8	11.8		15.6	15.6		1.1		1.1						
28				15.1	15.1		12.2	12.2		1.3		1.3						
29							11.2	11.2		1.2		1.2						
30							11.2	11.2		1.1		1.1						
31	14.2	14.2					11.2	11.2										
Total	14.2	14.2		511.0	511.0		477.9	477.9		57.8	32.3	25.5	18.3	15.4	2.9			
Acre-feet		28			1014			948			115			36				
Priority Diverted		28			1014			948			64			31				
Apport Diverted											51			6				
Appor diverted to date											51			57				57
TBI acreage		2035.48			2035.48			2035.48			2035.48			2035.48				2035.48
Apportioned											641			641				641
Duty		0.01			0.50			0.47			0.06			0.02				

DAY	JUL			AUG			SEP			OCT			NOV			DEC			Totals
	Total	Priority	Apport																
1				8.9	8.9		8.3	8.3							7.9				
2				9.5	9.5		8.3	8.3		5.9	5.9		7.9	7.9					
3				10.1	10.1		8.3	8.3		9.0	9.0		7.8	7.8					
4				9.7	9.7		8.4	8.4		9.0	9.0		7.4	7.4					
5				9.7	9.7		8.3	8.3		8.6	8.6		5.9	5.9					
6				9.7	9.7		8.9	8.9		7.6	7.6		5.0	5.0					
7				9.7	9.7		9.2	9.2		7.2	7.2		7.4	7.4					
8				9.7	9.7		9.7	9.7		7.1	7.1		7.0	7.0					
9				9.1	9.1	9.1	4.9	4.9		8.1	8.1		6.8	6.8					
10	1.1	1.1		9.2	9.2		2.6	2.6		9.2	9.2		6.7	6.7					
11	1.1	1.1		9.8	9.8	9.8	2.3	2.3		3.6	3.6		6.3	6.3					
12	2.1	2.1		8.8	8.8		2.0	2.0					4.8	4.8					
13	2.4	2.4		8.3	8.3		4.1	4.1					0.8	0.8					
14	2.3	2.3		8.3	8.3														
15	2.2	2.2		8.3	8.3		7.2	7.2											
16	2.0	2.0		7.7	7.7	7.7	4.8	4.8											
17	1.4	1.4		7.7	7.7	7.7	4.3	4.3											
18	1.9	1.9		7.6	7.6		4.1	4.1											
19	1.8	1.8		7.6	7.6		1.9	1.9											
20	1.9	1.9		7.6	7.6														
21	1.9	1.9		7.5	7.5														
22	7.3	7.3		7.5	7.5														
23	9.4	9.4		7.6	7.6														
24	9.5	9.5		7.4	7.4					6.8	6.8								
25	9.7	9.7		7.2	7.2					9.3	9.3								
26	9.7	9.7		8.2	8.2					8.8	8.8								
27	9.7	9.7		8.7	8.7					8.4	8.4								
28	9.7	9.7		9.1	9.1						8.6								
29	9.6	9.6		9.2	9.2					8.4	8.4								
30	9.5	9.5		8.8	8.8					8.0	8.0								
31	8.9	8.9		8.3	8.3														
Total	115.1	115.1		266.5	222.5	44.0	113.1	113.1		141.5	141.5		81.7	81.7					
Acre-feet		228			529			224			281			162					3,565
Priority Diverted		228			441			224			281			162					3,421
Apport Diverted					87														144
Appor diverted to date		57			144			144			144			144					144
TBI acreage		2035.48			2035.48			2035.48			2001.88			2001.88				144	2,001.88
Apportioned		641			641			641			7167			7167				7167	7,167
Duty		0.11			0.26			0.11			0.14			0.08					1.78

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

# 2013

## 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	17.1	17.1		17.5	17.5		6.5	6.1	0.4	5.2	5.1	0.1	4.0		4.0			
2	16.9	16.9		17.5	17.5		11.8	11.8		4.1	4.1		4.0		4.0			
3	16.5	16.5		17.5	17.5		7.3	7.2	0.1	3.8	3.8		4.0	4.0				
4	16.9	16.9		17.5	17.5		12.1	12.1		2.9	2.9		4.0	4.0				
5	17.2	17.2		17.5	17.5		6.9	6.1	0.8				4.0	4.0				
6	17.1	17.1		17.5	17.5		11.1	10.2	0.9				4.0	4.0				
7	17.0	17.0		17.5	17.5		9.6	9.2	0.4				4.0	4.0				
8	16.6	16.6		17.5	17.5		8.5	8.5					4.0	4.0				
9	16.7	16.7		17.5	17.5		6.3	6.1	0.2				4.0	4.0				
10	17.2	17.2		17.5	17.5		8.3	8.2	0.1				5.8	5.8				
11	16.5	16.5		17.5	17.5		13.3	13.3					6.3	6.3				
12	16.1	16.1		17.5	17.5		14.7	14.5	0.2				6.3	6.3				
13	15.9	15.9		22.8	22.8		16.5	16.5		3.8		3.8	5.2	5.2				
14	15.7	15.7		21.1	21.1		14.6	14.6		4.6		4.6	3.8	3.8				
15	16.9	16.9		14.5	14.5		12.7	12.7		4.4		4.4	4.5	4.5				
16	17.4	17.4		13.0	13.0		12.3	12.3		5.0		5.0	3.3	3.3				
17	17.6	17.6		7.4	6.1	1.3	12.3	12.3		5.0		5.0	1.3	1.3				
18	17.5	17.5		12.6	12.6		14.7	14.7		5.0		5.0	0.8	0.8				
19	17.4	17.4		6.0	5.1	0.9	22.3	22.3		5.0		5.0	0.8	0.8				
20	17.2	17.2		5.6	5.6		24.6	22.4	2.2	5.0		5.0	1.1	1.1				
21	17.2	17.2		1.7	1.7		24.6	24.6		5.0		5.0						
22	17.2	17.2		7.6	7.6		13.1	12.3	0.8	4.6		4.6						
23	17.1	17.1		4.1	4.1		14.0	14.0		4.0		4.0	0.6	0.6				
24	17.2	17.2		11.7	11.7		13.2	13.2		4.0		4.0	1.1	1.1				
25	17.2	17.2		9.2	9.2		12.0	12.0		4.0		4.0	1.1	1.1				
26	16.9	16.9		12.6	12.6		12.3	12.3		4.0		4.0	0.7	0.7				
27	16.5	16.5		7.5	7.2	0.3	11.2	11.2		4.0		4.0						
28	15.9	15.9		12.2	12.2		7.2	7.2		4.0		4.0						
29	16.9	16.9					6.0	6.0		4.0		4.0						
30	16.4	16.4					6.0	6.0		4.0		4.0						
31	17.5	17.5					6.0	6.0										
<b>Total</b>	<b>523.4</b>	<b>523.4</b>		<b>379.6</b>	<b>377.1</b>	<b>2.5</b>	<b>372.0</b>	<b>365.9</b>	<b>6.1</b>	<b>95.4</b>	<b>15.9</b>	<b>79.5</b>	<b>78.7</b>	<b>70.7</b>		<b>8.0</b>		
Acre-feet		1,038			753			738			189			156				
Priority Diverted		1,038			748			726			32			140				
Apport Diverted					5			12			158			16				
Apport diverted to date					5			17			175			191				191
TBI acreage		2,316.94			2,316.94			2,316.94			2,316.94			2,316.94				2,316.94
Apportioned											730			730				730
Duty		0.45			0.32			0.32			0.08			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				10.0	10.0		15.0	15.0		11.6	11.6								
2				10.0	10.0		15.0	15.0		12.5	12.5								
3				10.0	10.0		15.0	15.0		12.5	12.5								
4				10.0	10.0		15.0	15.0		12.5	12.5		8.9	8.9					
5				10.0	10.0		15.0	15.0		12.5	12.5		12.5	12.5					
6				10.0	5.1	4.9	15.0	15.0		12.5	12.5		12.5	12.5					
7				8.3	8.3		15.0	15.0		12.5	12.5		12.5	12.5					
8							5.0	15.0	15.0	12.5	12.5		12.5	12.5					
9	2.3	2.3		5.0		5.0	5.8	5.8		6.8	6.8		12.5	12.5					
10	5.0	5.0		5.0	5.0								12.5	12.5					
11	5.0	5.0		5.0	1.1	3.9							12.5	12.5					
12	5.0	5.0		5.0	5.0								12.5	12.5					
13	5.0	5.0		5.0	5.0								12.5	12.5					
14	5.0	5.0		5.0	5.0								6.4	6.4					
15	5.0	5.0		5.0	5.0														
16	5.0	5.0		5.0	1.1	3.9													
17	5.0	5.0		5.0		5.0													
18	5.0	5.0		5.0	5.0														
19	5.0	5.0		5.0	5.0														
20	9.0	9.0		5.0	5.0														
21	10.0	10.0		5.0	5.0														
22	10.0	10.0		5.0	5.0														
23	10.0	10.0		5.0	5.0		6.1	6.1											
24	10.0	10.0		5.0	5.0		10.4	10.4											
25	10.0	10.0		5.0	5.0		10.0	10.0											
26	10.0	10.0		5.0	5.0		9.9	9.9											
27	10.0	10.0		5.0	5.0		9.8	9.8											
28	10.0	10.0		13.4	13.4		11.0	11.0											
29	10.0	10.0		15.0	15.0		12.0	12.0											
30	10.0	10.0		15.0	15.0		11.9	11.9											
31	10.0	10.0		15.0	15.0														
<b>Total</b>	<b>171.3</b>	<b>171.3</b>		<b>226.7</b>	<b>199.0</b>	<b>27.7</b>	<b>206.9</b>	<b>206.9</b>		<b>105.9</b>	<b>105.9</b>		<b>127.8</b>	<b>127.8</b>					
Acre-feet		340			450			410			210			253					4,538
Priority Diverted		340			395			410			210			253					4,292
Apport Diverted					55														246
Apport diverted to date					246			246			246			246					246
TBI acreage		2,316.94			2,316.94			2,316.94			2,300.94			2,300.94					2,300.94
Apportioned											8,237			8,237					8,237
Duty		0.15			0.19			0.18			0.09			0.11					1.97

# 2013

## 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	19.2	19.2		14.4	14.4		11.5	11.5		2.5	2.5		5.4		5.4	2.6		2.6
2	20.3	20.3		18.1	18.1		17.0	17.0					5.3		5.3	2.3		2.3
3	20.6	20.6		21.2	21.2		13.2	13.2					5.0	5.0		0.4		0.4
4	20.7	20.7		20.4	20.4		16.9	16.9					4.9	4.9		1.1		1.1
5	20.9	20.9		19.3	19.3		11.8	11.5	0.3				4.9	4.9		0.7		0.7
6	20.9	20.9		19.4	19.4		16.5	16.5					4.7	4.7				
7	21.0	21.0		19.6	19.6		15.7	15.7					4.7	4.7				
8	21.4	21.4		19.5	19.5		14.6	14.6					4.6	4.6		0.8		0.8
9	21.3	21.3		20.0	20.0		11.9	11.5	0.4				4.5	4.5		1.2		1.2
10	21.0	21.0		20.0	20.0		15.5	15.0	0.5				4.6	4.6				
11	21.4	21.4		20.0	20.0		17.4	17.4		0.1		0.1	4.5	4.5				
12	20.6	20.6		20.0	20.0		21.0	20.8	0.2				4.7	1.8	1.8			
13	19.3	19.3		20.0	20.0		17.2	17.2					7.5	0.3	0.3			
14	18.0	18.0		20.0	20.0		14.6	14.6					7.0	2.7	2.7			
15	14.5	14.5		19.4	19.4		14.9	14.9					6.7	1.9	1.9			
16	14.5	14.5		14.3	14.3		17.1	17.1					5.0	5.0	2.3	2.3		
17	15.4	15.4		10.2	10.2		17.8	17.8					4.5	4.5	0.1	0.1		
18	19.6	19.6		14.3	14.3		19.2	19.2					4.5	4.5			0.8	0.8
19	19.7	19.7		5.1	4.3	0.8	21.3	21.3					5.0	5.0				
20	19.9	19.9		8.7	8.7		20.7	20.7					5.2	5.2				
21	19.7	19.7		0.3		0.3	19.4	19.4					5.2	5.2				
22	19.6	19.6		11.6	11.6		15.6	15.6					5.4	5.4				
23	19.6	19.6		0.5	0.5		14.7	14.7					5.4	5.4				
24	19.8	19.8		16.5	16.5		17.9	17.9					5.5	5.5				
25	20.0	20.0		16.3	16.2	0.1	17.2	17.2					5.7	5.7				
26	20.0	20.0		16.7	16.7		18.0	18.0					5.7	5.7				
27	20.1	20.1		13.3	13.3		17.0	17.0					5.7	5.7				
28	20.6	20.6		16.3	16.3		12.1	12.1					5.7	5.7				
29	17.1	17.1					12.1	12.1					5.7	5.7				
30	15.1	15.1					12.3	12.3					5.6	5.6				
31	14.0	14.0					12.3	12.3										
<b>Total</b>	<b>595.8</b>	<b>595.8</b>		<b>435.4</b>	<b>434.2</b>	<b>1.2</b>	<b>494.4</b>	<b>493.0</b>	<b>1.4</b>	<b>108.3</b>	<b>2.5</b>	<b>105.8</b>	<b>62.2</b>	<b>51.5</b>	<b>10.7</b>	<b>9.9</b>		<b>9.9</b>
Acre-feet		1,182			864			981			215			123				20
Priority Diverted		1,182			861			978			5			102				
Apport Diverted					2			3			210			21				20
Apport diverted to date					2			5			215			236				256
TBI acreage		1,751.76			1,757.26			1,757.26			1,757.26			1,757.26				1,757.26
Apportioned											554			554				554
Duty		0.67			0.49			0.56			0.12			0.07				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				20.7	20.7		21.0	21.0											
2				21.9	21.9		20.8	20.8											
3				21.4	18.2	3.2	20.3	20.3											
4				19.7	19.7		20.1	20.1											
5				19.9	19.9		20.0	20.0											
6				19.2	4.3	14.9	20.0	20.0											
7				18.1	18.1		20.1	20.1											
8	1.6		1.6	7.3			18.5	18.5											
9	3.4	3.4		5.7		5.7	6.2	6.2											
10	3.7	3.7		5.8	5.8		5.9	5.9											
11	3.7	3.7		6.8		6.8	8.8	8.8											
12	3.8	3.8		6.7	6.7		8.2	8.2											
13	3.6	3.6		6.3	6.3		8.5	8.5											
14	4.0	4.0		19.2	19.2		2.7	2.7											
15	4.1	4.1		20.2	20.2														
16	20.5	20.5		5.5		5.5													
17	19.5	19.5		20.1		20.1													
18	19.1	19.1		20.8	18.3	2.5													
19	20.6	20.6		15.7	15.7														
20	21.3	21.3		5.9	5.9														
21	21.1	21.1		5.3	5.3														
22	20.2	20.2		5.0	5.0														
23	19.6	19.6		4.6	4.6														
24	19.7	19.7		4.7	4.7														
25	19.3	19.3		4.9	4.9														
26	19.6	19.6		5.3	5.3														
27	19.1	19.1		18.4	18.4														
28	18.5	18.5		20.2	20.2														
29	21.4	21.4		20.3	20.3														
30	21.7	21.7		19.1	19.1														
31	21.7	21.7		19.6	19.6														
<b>Total</b>	<b>350.8</b>	<b>349.2</b>	<b>1.6</b>	<b>414.3</b>	<b>348.3</b>	<b>66</b>	<b>201.1</b>	<b>201.1</b>											
Acre-feet		696			622			399											5,301
Priority Diverted		693			691			399											4,911
Apport Diverted					131														390
Apport diverted to date								390											390
TBI acreage		1,757.26			1,757.26			1,757.26			390			390					1,735.56
Apportioned								554		1,735.56				1,735.56					1,735.56
Duty		0.40			0.47			0.23		6,213				6,213					6,213
																			3.05

Diversions from North side of Gia River in SW 1/4 SW 1/4, Sec. 7, T. 6S, R. 26E. Water-stage recorder and 6 ft Parshall flume located in NW 1/4 SE 1/4, Sec. 12, T. 6S, R. 24E.

Record Good

2013

**FT. THOMAS CANAL: 2,727.30 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	4.4	4.4		17.9	17.9		2.1	2.1		1.4	1.4		5.1		5.1			
2	3.6	3.6		17.6	17.6		3.3	3.3		0.6	0.6		5.3		5.3			
3	2.7	2.7		17.6	17.6		3.0	2.9	0.1	0.5	0.5		5.3	5.3				
4	2.8	2.8		17.3	17.3		2.5	2.5		0.5	0.5		5.2	5.2				
5	2.5	2.5		17.5	17.5		0.6	0.6		0.5	0.5		5.2	5.2				
6	2.4	2.4		17.5	17.5		1.2	1.2		0.3	0.3		5.2	5.2				
7	4.0	4.0		17.3	17.3		2.7	2.7		0.1		0.1	5.1	5.1				
8	3.3	3.3		17.4	17.4		2.5	2.5					5.0	5.0				
9	3.2	3.2		17.4	17.4		3.0	2.9	0.1				5.0	5.0				
10	4.1	4.1		17.3	17.3		3.2	3.2		0.1		0.1	5.0	5.0				
11	1.8	1.8		18.2	18.2		10.0	10.0		0.2		0.2	5.0	5.0				
12	0.1	0.1		18.9	18.9		13.9	13.9		3.0			3.0	2.6	2.6			
13	2.9	2.9		18.8	18.8		10.2	10.2		5.7			5.7	0.4	0.4			
14	8.0	8.0		17.5	17.5		5.0	5.0		5.3			5.3	0.3	0.3			
15	3.8	3.8		15.8	15.8		10.8	10.8		4.6			4.6	0.3	0.3			
16	0.5	0.5		11.2	11.2		18.4	17.4	1.0	4.5			4.5					
17	0.4	0.4		2.8	2.8		16.7	16.7		4.5			4.5					
18	0.3	0.3		3.7	3.7		16.8	16.8		4.4			4.4					
19	0.3	0.3		1.8	1.8		17.3	17.3		4.4			4.4					
20	2.1	2.1		0.8	0.8		16.5	16.5		4.5			4.5					
21	6.8	6.8		0.8	0.7	0.1	12.9	12.9		4.6			4.6					
22	7.2	7.2		0.8	0.8		3.6	3.6		4.5			4.5					
23	7.0	7.0		0.8	0.8		8.8	8.8		4.6			4.6					
24	11.7	11.7		0.7	0.7		4.7	4.2	0.5	4.9			4.9					
25	16.2	16.2		2.4	2.4		3.9	3.9		5.0			5.0					
26	16.4	16.4		3.7	3.7		3.8	3.8		5.0			5.0					
27	16.6	16.6		1.5	1.5		3.4	3.4		5.1			5.1					
28	17.3	17.3		1.2	1.2		2.4	2.4		5.0			5.0	1.2	0.7	0.5		
29	17.7	17.7					2.4	2.4		5.0			5.0	1.1	0.7	0.4		
30	17.7	17.7					2.4	2.4		4.8			4.8					
31	17.9	17.9					2.2	2.2										
<b>Total</b>	<b>205.7</b>	<b>205.7</b>		<b>296.2</b>	<b>296.1</b>	<b>0.1</b>	<b>210.2</b>	<b>208.5</b>	<b>1.7</b>	<b>93.6</b>	<b>3.8</b>	<b>89.8</b>	<b>62.3</b>	<b>51.0</b>	<b>11.3</b>			
Acre-feet		408			588			417			186			124				
Priority Diverted		408			587			414			8			101				
Apport Diverted								3			178			22				
Appor diverted to date								3			181			203				203
TBI acreage		1994.25			1994.25			1994.25			1994.25			1994.25				1994.25
Apportioned											628			628				628
Duty		0.20			0.29			0.21			0.09			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				12.1	12.1		10.4	10.4											
2				11.9	11.9		11.4	11.4											
3				10.7	4.2	6.5	12.9	12.9											
4				11.7	11.7		14.2	14.2											
5				12.0	12.0		15.3	15.3											
6				11.8	1.9	9.9	15.1	15.1		3.2	3.2								
7				11.3	11.3		14.9	14.9		6.0	6.0								
8				10.6		10.6	12.3	12.3		6.6	6.6								
9	3.6	3.6		7.4	0.3	7.1	7.1	7.1		6.7	6.7								
10	6.8	6.8		7.2	3.7	3.5	4.5	4.5		6.9	6.9								
11	7.0	7.0		6.5	0.7	5.8	2.3	2.3		7.0	7.0								
12	6.8	3.7	3.1	6.2	6.2					7.0	7.0								
13	6.8	6.8		6.4	6.4					7.0	7.0		13.1	13.1					
14	6.9	6.9		10.3	10.3					7.0	7.0		6.2	6.2					
15	7.0	7.0		11.4	11.4					7.0	7.0								
16	7.5	7.5		12.0	0.7	11.3				7.0	7.0								
17	8.1	8.1		11.8		11.8				7.0	7.0								
18	7.4	7.4		11.8	11.8					7.0	7.0								
19	6.6	6.6		11.8	11.8					7.0	7.0								
20	6.3	6.3		8.2	5.9	2.3				7.0	7.0								
21	5.8	5.8		5.2	5.2					7.0	7.0								
22	3.8	3.8		5.4	5.4					3.2	3.2								
23	6.2	6.2		5.3	5.3														
24	6.2	6.2		5.4	5.4														
25	6.2	6.2		5.4	5.4														
26	7.5	7.5		5.4	5.4														
27	9.2	9.2		5.5	5.5									0.9	0.9				
28	8.9	8.9		8.7	8.7														
29	10.3	10.3		9.1	9.1														
30	11.7	11.7																	
31	11.8	11.8		3.8	3.8														
<b>Total</b>	<b>168.4</b>	<b>165.3</b>	<b>3.1</b>	<b>262.3</b>	<b>193.5</b>	<b>68.8</b>	<b>120.4</b>	<b>120.4</b>		<b>109.6</b>	<b>109.6</b>		<b>20.9</b>	<b>20.9</b>					
Acre-feet		334			520			239			217			41				3,072	
Priority Diverted		328			384			239			217			41				2,727	
Apport Diverted		6			136													345	
Appor diverted to date		209			345			345			345			345				345	
TBI acreage		1994.25			1994.25			1994.25			1681.47			1681.47				1,681.47	
Apportioned		628			628			628			6020			6020				6,020	
Duty		0.17			0.26			0.12			0.13			0.02				1.83	

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

2013

**COLVIN-JONES CANAL: 205.90 Acres**

Mean daily diversions, cubic feet per second

DAY	JAN			FEB			MAR			APR			MAY			JUN		
	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					92.50			92.50			92.50			92.50			92.50	
Apportioned											29			29			29	
Duty					#DIV/0!													

DAY	JUL			AUG			SEP			OCT			NOV			DEC			Totals
	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					92.50			92.50			92.50								
Apportioned											29								
Duty																			

Diversions from North side of Gila River in SE 1/4 SW 1/4, Sec. 28, 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

2013

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													1.7	0.4	1.3																		
2													1.8	0.7	1.1																		
3													1.0	0.1	0.9																		
4													0.9	0.1	0.8																		
5													1.4	0.6	0.8																		
6													0.7		0.7																		
7																																	
8																																	
9																																	
10																																	
11																																	
12													1.5		1.5																		
13													2.7		2.7																		
14													2.6		2.6																		
15													2.4		2.4																		
16													2.2		2.2																		
17													2.2		2.2						1.0		1.0										
18													1.8		1.8						0.9		0.9										
19													0.9		0.9						0.7		0.7										
20																1.3		1.3			0.7		0.7										
21																1.2	0.6	0.6			0.5		0.5										
22																1.2	1.2				0.7		0.7										
23																2.3	2.3				0.9		0.9										
24																2.3	2.3				1.5		1.5										
25													1.4	0.5	0.9						1.6	1.2	0.4										
26												2.8	1.4	1.4							2.3	0.8	1.5	0.7									
27												2.6	1.2	1.4							2.0		2.0										
28												2.5	1.2	1.3							1.8		1.8										
29												2.7	1.4	1.3							1.6		1.6										
30												2.6	1.3	1.3							1.4		1.4										
31												1.9	0.6	1.3							0.3		0.3										
Total													16.5	7.6	8.9				23.8	1.9	21.9				19.9	9.4	10.5				9.2	1.9	7.3
Acre-feet									33	15	18				47	4	43				39	19	21				18	4	14				
Diverted to date									33	15	18				80	19	61				119	37	82				138	41	96				
TBI Acreage					225.6	73.4	152.2		225.6	73.4	152.2		225.6	73.4	152.2		225.6	73.4	152.2		225.6	73.4	152.2				225.6	73.4	152.2				
Duty								#DIV/0!	0.15	0.20	0.12		#DIV/0!	0.35	0.05	0.28		#DIV/0!	0.53	0.26	0.14		#DIV/0!	0.61	0.05	0.09	#DIV/0!						

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	0.2		0.2		0.3		0.3										2.7			2.7								
2	0.4		0.4														2.7			2.7								
3	0.4		0.4						1.3	1.3							2.6			2.6	1.8	1.1	0.7					
4	0.4		0.4						0.9		0.9						2.6			2.6	2.8	2.4	0.4					
5	0.7		0.7						2.2		2.2						2.6			2.6	2.2	2.2						
6	0.6		0.6						1.2		1.2						2.6			2.6	2.7	2.2	0.5					
7	1.1		1.1						1.1		1.1						2.6			2.6	3.7	2.3	1.4					
8	0.9		0.9						1.0		1.0						2.5			2.5	3.0	2.2	0.8					
9	0.6		0.6														2.5			2.5	2.6	1.4	1.2					
10	0.6		0.6														2.5			2.5	2.4	1.3	1.1					
11																	2.5			2.5	3.1	2.0	1.1					
12					0.8	0.8											1.2			1.2	2.7	1.7	1.0					
13					1.8	1.8															2.2	1.3	0.9					
14					2.0	2.0															2.0	0.4	1.6					
15					1.9	1.9															1.8		1.8					
16					1.8	0.5	1.3														1.8		1.8					
17					1.3		1.3														1.6		1.6					
18					1.5		1.5																					
19					1.7		1.7																					
20					1.7		1.7																					
21					2.1		2.1																					
22					2.2		2.2																					
23					1.9		1.9										1.8			1.8								
24					1.8		1.8									2.7			2.7									
25	1.1		1.1		0.6		0.6									2.7			2.7									
26	1.3		1.3													2.7			2.7									
27	1.6		1.6													2.7			2.7									
28	1.4		1.4													2.7			2.7									
29	1.5		1.5													2.7			2.7									
30	1.4		1.4													2.7			2.7									
31	1.1		1.1													2.7			2.7									
Total	15.3		15.3		23.4	7.0	16.4		7.7	1.3	6.4		23.4				23.4	29.6			29.6	36.4	20.5	15.9				
Acre-feet	30		30		46	14	33		15	3	13		46				46	59			59	72	41	32				407
Diverted to date	168	41	127		214	55	159		230	58	172		276	58	172		46	335	58	172	105	407	98	204	105			407
TBI Acreage	225.6	73.4	152.2		296.6	73.4	152.2	71.0	296.6	73.4	152.2	71.0	296.6	73.4	152.2	71.0	296.6	73.4	152.2	71.0	296.6	73.4	152.2	71.0			296.6	
Duty	0.74		0.20	#DIV/0!	0.72	0.19	0.22		0.77	0.04	0.09		0.93	0.35	0.28		0.65	1.13	0.83	0.83	1.37	0.56	0.21				1.37	

# 2013

## 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	11.6	10.4	12.6	16.2	18.4	4.7	11.6	14.5	14.4	15.7	13.6	14.4
2	11.9	10.3	15.5	18.0	19.2	5.8	13.9	13.8	16.3	15.3	14.6	14.7
3	13.9	11.1	13.2	8.8	16.4	5.4	13.1	13.6	13.6	14.0	14.5	14.7
4	14.0	10.9	12.5	6.5	22.6	7.3	13.1	14.0	14.7	15.2	14.8	13.4
5	12.0	9.6	12.9	10.9	20.5	7.1	13.0	13.2	15.1	14.9	13.7	12.2
6	10.1	11.1	13.6	12.8	12.4	10.6	12.9	15.4	15.0	15.2	14.5	11.6
7	11.0	11.8	15.3	11.3	12.2	7.5	11.4	14.7	18.3	15.5	16.0	12.5
8	10.6	13.9	13.5	9.7	11.5	7.0	13.2	10.9	19.1	13.4	15.9	9.9
9	5.8	11.6	12.8	8.6	10.0	6.8	11.6	12.3	18.0	14.8	15.0	10.7
10	10.4	13.3	13.3	9.7	9.5	5.5	9.7	13.0	16.0	6.7	13.9	7.9
11	11.4	11.9	14.7	12.0	15.1	13.5	10.3	15.0	15.3	16.0	14.4	5.3
12	12.5	13.9	12.8	10.9	15.7	11.0	8.3	14.9	13.7	16.3	14.2	4.9
13	11.6	14.7	11.0	9.5	16.5	11.7	4.0	15.0	13.8	16.2	14.1	3.7
14	13.7	11.9	12.0	10.9	14.6	13.7	6.4	15.4	14.6	15.9	14.1	13.5
15	14.3	13.9	19.6	14.1	13.6	15.7	7.3	14.1	15.1	15.8	14.2	17.5
16	10.3	13.3	14.3	11.2	17.5	18.1	9.8	15.9	15.2	15.8	13.9	15.7
17	10.0	13.9	11.0	9.3	18.0	15.7	10.6	16.0	5.5	13.9	13.7	13.2
18	10.1	15.6	12.7	14.1	16.1	20.0	8.6	16.0	9.7	15.2	13.6	12.4
19	10.0	14.0	11.9	15.7	17.7	19.3	11.7	16.3	12.0	15.2	13.8	13.4
20	10.0	13.2	10.1	17.9	17.8	21.2	11.4	13.9	13.7	15.2	13.7	13.4
21	9.3	9.7	12.8	17.7	17.6	17.7	13.1	15.7	14.9	15.0	10.2	13.4
22	9.9	11.9	12.5	16.1	15.2	15.1	13.0	15.6	15.3	15.2	13.5	11.2
23	11.9	9.8	12.3	14.7	16.9	10.6	10.8	15.7	15.1	14.7	10.1	11.4
24	9.6	10.9	11.0	10.8	15.1	13.1	12.3	15.7	15.2	14.5	8.0	13.7
25	12.9	13.8	11.5	6.3	11.9	13.1	12.5	15.6	13.6	14.7	9.5	12.8
26	9.5	11.5	11.0	8.2	16.2	14.0	13.6	14.4	13.0	14.6	9.5	12.6
27	7.7	15.2	10.1	15.2	15.4	1.5	13.5	15.3	13.1	14.5	10.8	13.0
28	6.2	14.4	16.0	17.4	15.8	6.0	13.6	15.5	16.9	14.5	12.3	12.1
29	9.9		15.4	15.6	12.3	13.0	15.0	15.5	14.4	14.0	12.4	10.5
30	9.7		14.5	12.6	12.2	12.6	13.8	15.7	16.2	15.1	14.9	10.2
31	6.7		16.9		7.5		15.4	12.5		9.7		15.1
<b>Total CFS</b>	328.5	347.5	409.3	372.7	471.4	344.3	358.5	455.1	436.8	452.7	397.4	371.0
<b>Total Acre-Feet</b>	652	689	812	739	935	683	711	903	866	898	788	736
<b><u>ASARCO Reported Ac-ft.</u></b>												
<b>Reported</b>	652	697	823	753	908	696	717	903	895	985	869	740
<b>Reported Year-to-Date</b>	652	1,349	2,172	2,925	3,833	4,529	5,246	6,149	7,044	8,029	8,898	9,638
<b><u>Tabulations in Ac-ft</u></b>												
<b>Allocation diverted</b>	652	689	812	739	935	683	711	903	866	898	788	736
<b>Previous Alloc. Div</b>		652	1,341	2,153	2,892	3,827	4,510	5,221	6,124	6,990	7,888	8,676
<b>Alloc. Div to date</b>	652	1,341	2,153	2,892	3,827	4,510	5,221	6,124	6,990	7,888	8,676	9,412
<b>Article IX Allocation</b>	16,221	16,221	16,221	16,221	16,221	16,221	16,221	16,221	16,221	16,221	16,221	16,221
<b>Allocation Remaining</b>	15,569	14,880	14,068	13,329	12,394	11,711	11,000	10,097	9,231	8,333	7,545	6,809

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

# 2013

## 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	0.22	0.22		0.17	0.17		0.30	0.30		0.44	0.44		0.59		0.59	0.73	0.10	0.63
2	0.22	0.22		0.17	0.17		0.30	0.30		0.44	0.44		0.59		0.59	0.73	0.30	0.43
3	0.22	0.22		0.17	0.17		0.30	0.30		0.44	0.30	0.14	0.59		0.59	0.73		0.73
4	0.22	0.22		0.17	0.17		0.30	0.30		0.44	0.30	0.14	0.59		0.59	0.73	0.10	0.63
5	0.22	0.22		0.17	0.17		0.30	0.30		0.44	0.30	0.14	0.59		0.59	0.73	0.10	0.63
6	0.22	0.22		0.17	0.17		0.30	0.30		0.44	0.30	0.14	0.59	0.59		0.73	0.30	0.43
7	0.22	0.22		0.17	0.17		0.30	0.30		0.44	0.10		0.34	0.59	0.59	0.73	0.30	0.43
8	0.22	0.22		0.17	0.17		0.30	0.30		0.44		0.44	0.59	0.59		0.73	0.30	0.43
9	0.22	0.22		0.17	0.17		0.30	0.30		0.44		0.44	0.59	0.59		0.73	0.30	0.43
10	0.22	0.22		0.17	0.17		0.30	0.30		0.44		0.44	0.59	0.59		0.73	0.10	0.63
11	0.22	0.22		0.17	0.17		0.30	0.30		0.44		0.44	0.59	0.59		0.73	0.30	0.43
12	0.22	0.22		0.17	0.17		0.30	0.30		0.44		0.44	0.59	0.59		0.73	0.10	0.63
13	0.22	0.22		0.17	0.17		0.30	0.30		0.44		0.44	0.59	0.59		0.73	0.10	0.63
14	0.22	0.22		0.17	0.17		0.30	0.30		0.44		0.44	0.59	0.59		0.73	0.10	0.63
15	0.22	0.22		0.17	0.17		0.30	0.30		0.44		0.44	0.59	0.59		0.73	0.10	0.63
16	0.22	0.22		0.17	0.17		0.30	0.30		0.44		0.44	0.59	0.59		0.73	0.10	0.63
17	0.22	0.22		0.17	0.17		0.30	0.30		0.44		0.44	0.59	0.59		0.73	0.10	0.63
18	0.22	0.22		0.18	0.18		0.30	0.30		0.44		0.44	0.59	0.59		0.73	0.10	0.63
19	0.22	0.22		0.18	0.18		0.30	0.30		0.44		0.44	0.59	0.59		0.73	0.10	0.63
20	0.22	0.22		0.18	0.18		0.30	0.30		0.44		0.44	0.59	0.59		0.73	0.10	0.63
21	0.22	0.22		0.18	0.18		0.30	0.30		0.45		0.45	0.59	0.59		0.73		0.73
22	0.22	0.22		0.18	0.18		0.30	0.30		0.45		0.45	0.59	0.30	0.29	0.73		0.73
23	0.22	0.22		0.18	0.18		0.30	0.30		0.45		0.45	0.59	0.59		0.73	0.10	0.63
24	0.22	0.22		0.18	0.18		0.30	0.30		0.45		0.45	0.59	0.30	0.29	0.73		0.73
25	0.22	0.22		0.18	0.18		0.30	0.30		0.45		0.45	0.59	0.30	0.29	0.73		0.73
26	0.22	0.22		0.18	0.18		0.30	0.30		0.45		0.45	0.59	0.30	0.29	0.73		0.73
27	0.21	0.21		0.18	0.18		0.30	0.30		0.45		0.45	0.59	0.30	0.29	0.73		0.73
28	0.21	0.21		0.18	0.18		0.29	0.29		0.45		0.45	0.59	0.30	0.29	0.74		0.74
29	0.21	0.21					0.29	0.29		0.45		0.45	0.59	0.30	0.29	0.74		0.74
30	0.21	0.21					0.29	0.29		0.45		0.45	0.59	0.30	0.29	0.74		0.74
31	0.21	0.21				#VALUE!	0.29	0.29		0.45		0.45	0.59	0.30	0.29	0.74		0.74
							0.29	0.29					0.60	0.30	0.30			
<b>Total</b>	<b>6.8</b>	<b>6.8</b>		<b>4.9</b>	<b>4.9</b>	<b>#VALUE!</b>	<b>9.3</b>	<b>9.3</b>		<b>13.3</b>	<b>2.2</b>	<b>11.1</b>	<b>18.3</b>	<b>13.3</b>	<b>5.0</b>	<b>21.9</b>	<b>3.2</b>	<b>18.7</b>
Acre-feet		13			10			18			26			36			43	
Priority Diverted		13			10			18			4			26			6	
Apport Diverted											22			10			37	
Appor Diverted to date											22			32			69	
TBI Acreage		101.73			101.73			101.73			101.73			101.73			101.73	
Apportioned											32			32			32	
Duty		0.13			0.10			0.18			0.26			0.35			0.42	

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	0.55		0.55	0.54	0.54		0.45	0.45		0.35	0.35		0.27	0.27		0.22	0.22		
2	0.55	0.10	0.45	0.54	0.54		0.45	0.45		0.35	0.35		0.27	0.27		0.22	0.22		
3	0.55		0.55	0.54	0.54		0.45	0.45		0.35	0.35		0.27	0.27		0.22	0.22		
4	0.55		0.55	0.54	0.54		0.45	0.45		0.35	0.35		0.27	0.27		0.22	0.22		
5	0.55		0.55	0.54	0.54		0.45	0.45		0.35	0.35		0.27	0.27		0.22	0.22		
6	0.55		0.55	0.54	0.54		0.45	0.45		0.35	0.35		0.27	0.27		0.22	0.22		
7	0.55	0.55		0.54	0.54		0.45	0.45		0.35	0.35		0.27	0.27		0.22	0.22		
8	0.55	0.30	0.25	0.54	0.30	0.24	0.45	0.45		0.35	0.35		0.27	0.27		0.22	0.22		
9	0.55	0.55		0.54	0.54		0.45	0.45		0.35	0.35		0.27	0.27		0.22	0.22		
10	0.55		0.55	0.54		0.54	0.45	0.45		0.35	0.35		0.27	0.27		0.22	0.22		
11	0.55	0.55		0.54		0.54	0.45	0.45		0.35	0.35		0.27	0.27		0.22	0.22		
12	0.55	0.55		0.54	0.54		0.45	0.45		0.35	0.35		0.27	0.27		0.22	0.22		
13	0.55	0.55		0.54	0.10	0.44	0.45	0.45		0.35	0.35		0.27	0.27		0.22	0.22		
14	0.55	0.55		0.54	0.54		0.45	0.45		0.35	0.35		0.27	0.27		0.22	0.22		
15	0.55	0.55		0.54	0.54		0.45	0.45		0.35	0.35		0.27	0.27		0.22	0.22		
16	0.55	0.55		0.54	0.54		0.45	0.45		0.35	0.35		0.27	0.27		0.22	0.22		
17	0.56	0.56		0.54	0.54		0.46	0.46		0.35	0.35		0.27	0.27		0.22	0.22		
18	0.56	0.56		0.54	0.10	0.44	0.46	0.46		0.35	0.35		0.27	0.27		0.22	0.22		
19	0.56	0.56		0.54		0.54	0.46	0.46		0.35	0.35		0.28	0.28		0.22	0.22		
20	0.56	0.56		0.54	0.54		0.46	0.46		0.35	0.35		0.28	0.28		0.22	0.22		
21	0.56	0.56		0.54	0.54		0.46	0.46		0.35	0.35		0.28	0.28		0.22	0.22		
22	0.56	0.56		0.53	0.53		0.46	0.46		0.35	0.35		0.28	0.28		0.22	0.22		
23	0.56	0.56		0.53	0.53		0.46	0.46		0.35	0.35		0.28	0.28		0.22	0.22		
24	0.56	0.56		0.53	0.53		0.46	0.46		0.35	0.35		0.28	0.28		0.22	0.22		
25	0.56	0.56		0.53	0.53		0.46	0.46		0.35	0.35		0.28	0.28		0.22	0.22		
26	0.56	0.56		0.53	0.53		0.46	0.46		0.36	0.36		0.28	0.28		0.22	0.22		
27	0.56	0.56		0.53	0.53		0.46	0.46		0.36	0.36		0.28	0.28		0.21	0.21		
28	0.56	0.56		0.53	0.53		0.46	0.46		0.36	0.36		0.28	0.28		0.21	0.21		
29	0.56	0.56		0.53	0.53		0.46	0.46		0.36	0.36		0.28	0.28		0.21	0.21		
30	0.56	0.56		0.53	0.53		0.46	0.46		0.36	0.36		0.28	0.28		0.21	0.21		
31	0.56	0.56		0.53	0.53		0.46	0.46		0.36	0.36		0.28	0.28		0.21	0.21		
<b>Total</b>	<b>17.2</b>	<b>13.2</b>	<b>4.0</b>	<b>16.6</b>	<b>13.9</b>	<b>2.7</b>	<b>13.6</b>	<b>13.6</b>		<b>10.9</b>	<b>10.9</b>		<b>8.2</b>	<b>8.2</b>		<b>6.8</b>	<b>6.8</b>		
Acre-feet		34			33			27			22			16			13		<b>291</b>
Priority Diverted		26			28			27			22			16			13		<b>209</b>
Apport Diverted		8			5														<b>82</b>
Appor diverted to date		77			82			82			82			82			82		<b>82</b>
TBI Acreage		101.73			101.73			101.73			101.73			101.73			101.73		<b>101.73</b>
Apportioned		32			32			32			364			364			364		<b>364</b>
Duty		0.33			0.32			0.27			0.22			0.16			0.13		<b>2.86</b>

# 2013

## 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

2013	Diverted		Natural Flow		Passing Dam	
	Total	Stored	Spill	Sluice	Spill	Sluice
1	15					
2	14					
3	13					
4	13					
5	11					
6	11					
7	10					
8	10					
9	10					
10	9					
11	8					
12	7					
13	7					
14	6					
15	5					
16	4					
17	4					
18	3					
19	2					
20	2					
21	2					
22	1					
23	1					
24	1					
25						
26	5					
27	69					
28	233				119	
29	253				145	
30	221				50	
31	175				45	
<b>Total</b>	<b>1125</b>				<b>359</b>	
<b>Ac-Ft</b>	<b>2231</b>				<b>712</b>	
<b>To Date</b>	<b>2231</b>				<b>712</b>	
<b>Duty</b>	<b>0.09</b>					

### FEBRUARY

T. B. I. 37,475.84 Acres

	Diverted		Natural Flow		Passing Dam	
	Total	Stored	Spill	Sluice	Spill	Sluice
	142		11			
	126		7			
	118		7			
	110		7			
	101		5			
	93					
	86					
	79					
	90					
	92					
	92					
	93					
	92					
	93					
	93					
	94	10				
	108	25				
	108	10				
	108					
	108					
	111					
	117					
	111	4				
	110				4	
	107	1			5	
	106				5	
	106	21			5	
	106	26			5	
	106	33				
	2913	130			61	
	5778	258			121	
	8009	258			833	
	0.24					

### MARCH

T. B. I. 40,709.76 Acres

	Diverted		Natural Flow		Passing Dam	
	Total	Stored	Spill	Sluice	Spill	Sluice
	106	19				
	106	32				
	108	18				
	108	26				
	107	21				
	106	33				
	89	27				
	90	39				
	95	37				
	132	35				2
	160				12	
	148				12	
	113	13				
	131	55				
	119	61				
	124	62				
	123	60				
	117	30				
	97	13				
	92	35				
	102	46				
	99	33				
	97	16				
	96					
	97					
	96					
	96					
	100					
	101					
	101					
	116	11				
	3372	722			26	
	6688	1432			52	
	14697	1690			885	
	0.38					

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...

# 2013

## 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

2013	Diverted			Passing Dam		
	Total	Stored	Natural Flow	Spill	Sluice	
1	132	17	115			
2	134	18	116			
3	135	4	131			
4	137	8	129			
5	148	13	135			
6	151	11	140			
7	146	10	136			
8	145	9	136			
9	158	35	123	5		
10	180	49	131			
11	193	49	144			
12	202	46	156			
13	203	65	138			
14	239	119	120			
15	246	141	105			
16	247	152	95			
17	248	157	91			
18	249	159	90			
19	256	165	91			
20	256	168	88	5		
21	255	165	90	10		
22	255	167	88			
23	254	171	83			
24	257	194	63			
25	287	229	58			
26	307	258	49	12		
27	303	239	64	11		
28	286	213	73	10		
29	285	215	70	8		
30	286	215	71	9		
31						
Total	6580	3461	3119	70		
Ac-Ft	13052	6865	6187	139		
To Date	27749	8555	19194	1024		
Duty	0.71					

MAY

T. B. I. 41,150.98 Acres

2013	Diverted			Passing Dam		
	Total	Stored	Natural Flow	Spill	Sluice	
1	283	217	66			
2	284	226	58			
3	269	149	120			
4	109		109			
5	58		58			
6	42		42			
7	31		31			
8	24		24			
9	20		20			
10	16		16			
11	13		13			
12	9		9			
13	7		7			
14	6		6			
15	4		4			
16	2		2			
17						
18						
19						
20						
21						
22						
23						
24						
25						
26						
27						
28						
29						
30						
31						
Total	1177	592	585	5		
Ac-Ft	2334	1174	1160	10		
To Date	30083	9729	20354	1034		
Duty	0.81					

JUNE

T. B. I. 40,192.86 Acres

2013	Diverted			Passing Dam		
	Total	Stored	Natural Flow	Spill	Sluice	
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						
26						
27						
28						
29						
30						
31						
Total	30083	9729	20354	1034		
Ac-Ft						
To Date						
Duty						

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

# 2013

## 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

2013	Diverted		Passing Dam	
	Total	Stored	Natural Flow	Spill Sluice
1				
2				
3				
4				
5				
6				
7			13	
8			9	
9			3	
10			3	
11			270	
12			361	
13			336	
14			14	
15			11	
16			11	
17			31	
18	68		68	376
19	125		125	38
20	50		50	
21	73		73	41
22	60		60	
23	16		16	
24	11		11	
25	16		16	
26	10		10	
27	29		29	82
28	87		87	
29	60		60	
30	55		55	
31	50		50	
<b>Total</b>	710		710	1599
<b>Ac-Ft</b>	1408		1408	3172
<b>To Date</b>	31491	9729	21762	4206
<b>Duty</b>	0.86			

### AUGUST

T. B. I. 38,673.74 Acres

	Diverted		Passing Dam	
	Total	Stored	Natural Flow	Spill Sluice
	55		55	
	104		104	
	106		106	
	106		106	
	107		107	
	109	3	106	
	114	41	73	
	112	26	86	
	104	20	84	
	101	7	94	
	101		101	
	101		101	
	105		105	
	114		114	
	200		200	
	199		199	
	199		199	
	209		209	
	216		216	
	216	33	183	
	181	25	156	
	137	14	123	
	111		111	
	226		226	
	157		157	
	220		220	
	143		143	
	149		149	
	175		175	
	214		214	
	195		195	15
	4586	169	4417	15
	9096	335	8761	30
	40587	10064	30523	4236
	1.11			

### SEPTEMBER

T. B. I. 38,687.66 Acres

	Diverted		Natural		Passing Dam	
	Total	Stored	Flow	Spill	Sluice	
	191		191			
	191		191			
	190		190			
	180		180			
	187		187			
	185		185			
	189		189			
	189		189			
	190		190			
	213		213		70	
	239		239			
	81		81			
	75		75			
	110		110		32	
	96		96		6	
	76		76			
	77		77			
	76		76			
	74		74			
	52		52			
	51		51		28	
	70		70			
	65		65			
	51		51			
	44		44			
	42		42			
	41		41			
	46		46		41	
	137		137			
	135		135			
	3543		3543		177	
	47615	10064	7028		351	
	1.30		37551		4587	

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



# DETERMINATION OF PRIORITY WATER

## JANUARY 2013

Mean daily discharge - cubic feet per second

2013	SAN CARLOS RESERVOIR				ASHURST-HAYDEN DAM				DAILY CALL SYSTEM				Version 7.08				
	RELEASES		STORAGE		Sluiced and/or Spilled		Natural Flow		COMPUTED PRIORITY YEAR		COMPUTED PRIORITY YEAR						
	River Inflow	Total Flow	Natural Flow	Stored	Inflow Minus Outflow	Ac-ft change S C Res.	JAN	Diverted	Stored	Natural Flow	Gain/Loss Nat. Flow	Nat. Flow Available to Project		JAN	Duncan Virden	Safford	Winkelman
DEC 31	69	69	69	128	69	128	1	15	15	15	84	84	1	1924	1924	1924	1924
JAN 1	72	72	72	111	72	111	2	14	14	14	86	86	2	"	"	"	"
2	74	74	74	113	74	113	3	13	13	13	87	87	3	"	"	"	"
3	76	76	76	103	76	103	4	13	13	13	89	89	4	"	"	"	"
4	77	77	77	84	77	84	5	11	11	11	88	88	5	"	"	"	"
5	78	78	78	74	78	74	6	11	11	11	89	89	6	"	"	"	"
6	80	80	80	107	80	107	7	10	10	10	90	90	7	"	"	"	"
7	80	80	80	109	80	109	8	10	10	10	90	90	8	"	"	"	"
8	80	80	80	301	80	301	9	10	10	10	90	90	9	"	"	"	"
9	81	81	81	80	81	80	10	9	9	9	90	90	10	"	"	"	"
10	77	77	77	-46	77	-46	11	8	8	8	85	85	11	"	"	"	"
11	72	72	72	266	72	266	12	7	7	7	79	79	12	"	"	"	"
12	76	76	76	94	76	94	13	7	7	7	83	83	13	"	"	"	"
13	77	77	77	96	77	96	14	6	6	6	83	83	14	"	"	"	"
14	75	75	75	96	75	96	15	5	5	5	80	80	15	"	"	"	"
15	76	76	76	109	76	109	16	4	4	4	80	80	16	"	"	"	"
16	82	82	82	86	82	86	17	4	4	4	86	86	17	"	"	"	"
17	83	83	83	125	83	125	18	3	3	3	86	86	18	"	"	"	"
18	83	83	83	151	83	151	19	2	2	2	85	85	19	"	"	"	"
19	81	81	81	140	81	140	20	2	2	2	83	83	20	"	"	"	"
20	84	84	84	128	84	128	21	2	2	2	86	86	21	"	"	"	"
21	85	85	85	144	85	144	22	1	1	1	86	86	22	"	"	"	"
22	83	83	83	105	83	105	23	1	1	1	84	84	23	"	"	"	"
23	83	83	83	133	83	133	24	1	1	1	84	84	24	"	"	"	"
24	82	82	82	148	82	148	25	5	5	5	82	82	25	"	"	"	"
25	80	80	80	95	80	95	26	5	5	5	57	57	26	"	"	"	"
26	93	65	65	179	28	179	27	69	69	69	97	97	27	"	"	"	"
27	84	65	65	19	19	97	28	233	233	233	371	371	28	"	"	"	"
28	83	64	64	19	19	97	29	253	253	253	417	417	29	"	"	"	"
29	143	64	64	79	79	14	30	221	221	221	207	207	30	"	"	"	"
30	210	64	64	146	146	253	31	45	175	175	156	156	31	"	"	"	"
31	246	65	65	181	181	433											

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

12% transit loss on daily Stored releases...

# DETERMINATION OF PRIORITY WATER

## FEBRUARY 2013

Mean daily discharge - cubic feet per second

2013	SAN CARLOS RESERVOIR										ASHURST-HAYDEN DAM					DAILY CALL SYSTEM				VERSION 7.08
	RELEASES					STORAGE					COMPUTED PRIORITY YEAR									
	River Inflow	Total	Natural Flow	Stored	Inflow Minus Outflow	Ac-ft change S C Res.	FEB	Sluiced and/or Spilled	Diverted	Stored	Natural Flow	Gain/Loss Nat. Flow	Nat. Flow Available to Project	Duncan Virden	Safford	Winkelman	Ashurst-Hayden			
JAN 31	246	65	65	181	433	1	11	142	142	142	88	334	1	1924	1924	1924	1924			
FEB 1	248	66	66	182	446	2	7	126	126	126	67	315	2	"	"	"	"			
2	226	65	65	161	428	3	7	118	118	118	60	286	3	"	"	"	"			
3	206	64	64	142	357	4	7	110	110	110	53	259	4	"	"	"	"			
4	196	64	64	132	299	5	5	101	101	101	42	238	5	"	"	"	"			
5	185	64	64	121	254	6	93	93	93	93	29	214	6	"	"	"	"			
6	181	79	79	102	240	7	86	86	86	86	7	188	7	"	"	"	"			
7	160	109	109	51	129	8	79	79	79	79	-30	130	8	"	"	"	"			
8	151	119	119	32	114	9	90	90	90	90	-29	122	9	"	"	"	"			
9	148	115	115	33	115	10	92	92	92	92	-23	125	10	"	"	"	"			
10	143	115	115	28	81	11	92	92	92	92	-23	120	11	"	"	"	"			
11	143	115	115	28	98	12	93	93	93	93	-22	121	12	"	"	"	"			
12	144	114	114	30	66	13	92	92	92	92	-22	122	13	"	"	"	"			
13	142	113	113	29	83	14	93	93	93	93	-20	122	14	1904	"	"	"			
14	133	144	133	11	83	15	94	10	10	84	-49	84	15	1900	1904b	"	"			
15	129	157	129	28	33	16	108	25	25	83	-46	83	16	1884	1900	"	"			
16	131	142	131	11	-16	17	108	10	10	98	-33	98	17	1893	1884	1904	1904			
17	143	142	142	1	16	18	108	108	108	108	-34	109	18	1883	1893	1900	1900			
18	160	142	142	18	33	19	108	108	108	108	-34	126	19	1884	1883	1884	1884			
19	147	142	142	5	-33	20	111	111	111	111	-31	116	20	1880	1884	1893	1893			
20	162	143	143	19	100	21	117	117	117	117	-26	136	21	1886	1880	1883	1883			
21	138	142	138	4	117	22	111	4	4	107	-31	107	22	1882	1886	1884	1884			
22	148	128	128	20	50	23	4	110	110	110	-14	134	23	1895	1882	1880	1880			
23	107	108	107	1	83	24	5	107	1	106	4	111	24	1887	1895	1886	1886			
24	112	108	108	4	34	25	5	106	106	106	3	115	25	1894	1887	1882	1882			
25	84	108	84	24	34	26	5	106	21	85	6	90	26	1885	1894	1895	1895			
26	78	107	78	29	-51	27	5	106	26	80	7	85	27	1894	1885	1887	1887			
27	69	106	69	37	-37	28	106	33	33	73	4	73	28	1884	1894	1894	1894			
28	84	106	84	22	-50															

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

# DETERMINATION OF PRIORITY WATER

## MARCH 2013

Mean daily discharge - cubic feet per second

2013	SAN CARLOS RESERVOIR										ASHURST-HAYDEN DAM					DAILY CALL SYSTEM				
	RELEASES					STORAGE					Sluiced and/or Spilled					COMPUTED PRIORITY YEAR				
	River Inflow	Total	Natural Flow	Stored	Inflow Minus Outflow	Ac-ft change S C Res.	MAR	Diverted	Stored	Natural Flow	Gain/Loss Nat. Flow	Nat. Flow Available to Project	MAR	Duncan Virden	Safford	Winkelman	Ashurst-Hayden			
29	84	106	84	22	-22	-50	1	106	19	87	3	87	1	1890	1884	1885	1885			
1	70	106	70	36	-36	-250	2	106	32	74	4	74	2	1885	1890	1894	1894			
2	86	106	86	20	-20	150	3	108	18	90	4	90	3	1890	1885	1884	1884			
3	75	104	75	29	-29	-67	4	108	26	82	7	82	4	1884	1890	1890	1890			
4	80	104	80	24	-24	-33	5	107	21	86	6	86	5	1888	1884	1885	1885			
5	66	104	66	38	-38	-33	6	106	33	73	7	73	6	1887	1888	1890	1890			
6	80	111	80	31	-31	-83	7	89	27	62	-18	62	7	"	1887	1884	1884			
7	70	114	70	44	-44	-67	8	90	39	51	-19	51	8	1884	"	1888	1888			
8	60	102	60	42	-42	-33	9	95	37	58	-2	58	9	1886	1884	1887	1887			
9	62	102	62	40	-40		10	2	35	97	37	99	10	1899	1886	"	"			
10	71	62	62	9	9	17	11	12	160	160	110	181	11	1904	1899	1884	1884			
11	81	40	40	41	41	232	12	148		148	120	201	12	1916	1904b	1886	1886			
12	63	78	63	15	-15		13	113	13	100	37	100	13	1911	1916	1899	1899			
13	40	102	40	62	-62	17	14	131	55	76	36	76	14	1903	1911	1904	1904			
14	33	102	33	69	-69		15	119	61	58	25	58	15	1904	1903	1916	1916			
15	33	103	33	70	-70		16	124	62	62	29	62	16	1903	1904b	1911	1911			
16	36	104	36	68	-68	-50	17	123	60	63	27	63	17	1908	1903	1903	1903			
17	69	103	69	34	-34	-100	18	117	30	87	18	87	18	1913	1908	1904	1904			
18	88	103	88	15	-15	-33	19	97	13	84	-4	84	19	"	1913	1903	1903			
19	77	117	77	40	-40	-149	20	92	35	57	-20	57	20	1916	"	1908	1908			
20	74	126	74	52	-52	66	21	102	46	56	-18	56	21	1890	1916	1913	1913			
21	81	118	81	37	-37	-83	22	99	33	66	-15	66	22	1903	1890	"	"			
22	100	118	100	18	-18	-180	23	97	16	81	-19	81	23	1892	1903	1916	1916			
23	156	118	118	38	38	49	24	96	96	96	-22	134	24	"	1892	1890	1890			
24	137	118	118	19	19	49	25	97	97	97	-21	116	25	1890	"	1903	1903			
25	162	118	118	44	44	49	26	96	96	96	-22	140	26	1889	1890	1892	1892			
26	160	125	125	35	35	50	27	96	96	96	-29	131	27	1885	1889	"	"			
27	158	130	130	28	28	49	28	100	100	100	-30	128	28	"	1885	1890	1890			
28	156	129	129	27	27	34	29	101	101	101	-28	128	29	"	"	1889	1889			
29	163	151	151	12	12		30	101	101	101	-50	113	30	"	"	1885	1885			
30	158	171	158	13	-13	16	31	116	11	105	-53	105	31	1883	"	"	"			
31	152	171	152	19	-19	-16														

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

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

# DETERMINATION OF PRIORITY WATER

**APRIL 2013**

Mean daily discharge - cubic feet per second

2013	SAN CARLOS RESERVOIR										ASHURST-HAYDEN DAM					DAILY CALL SYSTEM					VERSION 7.08
	RELEASES					STORAGE					Sluiced and/or Spilled					COMPUTED PRIORITY YEAR					
	River Inflow	Total	Natural Flow	Stored	Inflow Minus Outflow	Ac-ft change S C Res.	APR	Diverted	Stored	Natural Flow	Gain/Loss Nat. Flow	Nat. Flow Available to Project	Duncan Virden	Safford	Winkelman	Ashurst-Hayden					
31	152	171	152	19	-19	-16	1	132	17	115	-37	1	1882	1883	1885	1885					
1	150	170	150	20	-20	-17	2	134	18	116	-34	2	"	1882	"	"					
2	164	169	164	5	-5	-50	3	135	4	131	-33	3	1881	"	1883	1883					
3	174	183	174	9	-9	-33	4	137	8	129	-45	4	1879	1881	1882	1882					
4	173	188	173	15	-15	-33	5	148	13	135	-38	5	1876	1879	"	"					
5	172	184	172	12	-12	-16	6	151	11	140	-32	6	Immem	1876	1881	1881					
6	171	182	171	11	-11	-82	7	146	10	136	-35	7	"	Immem	1879	1879					
7	171	181	171	10	-10	-49	8	145	9	136	-35	8	"	"	1876	1876					
8	176	216	176	40	-40	-147	9	5	35	123	-48	9	"	"	Immem	Immem					
9	176	232	176	56	-56	-81	10	180	49	131	-45	10	"	"	"	"					
10	178	234	178	56	-56	-130	11	193	49	144	-34	11	"	"	"	"					
11	183	235	183	52	-52	-129	12	202	46	156	-27	12	"	"	"	"					
12	185	259	185	74	-74	-160	13	203	65	138	-47	13	1874	"	"	"					
13	163	298	163	135	-135	-223	14	239	119	120	-43	14	Immem	1874	"	"					
14	135	295	135	160	-160	-393	15	246	141	105	-30	15	"	Immem	"	"					
15	120	293	120	173	-173	-279	16	247	152	95	-25	16	"	"	1874	1874					
16	113	291	113	178	-178	-519	17	248	157	91	-22	17	"	"	Immem	Immem					
17	109	290	109	181	-181	-415	18	249	159	90	-19	18	"	"	"	"					
18	100	288	100	188	-188	-261	19	256	165	91	-9	19	"	"	"	"					
19	95	286	95	191	-191	-382	20	5	256	88	-2	20	"	"	"	"					
20	96	283	96	187	-187	-385	21	10	255	90	4	21	"	"	"	"					
21	89	279	89	190	-190	-400	22	255	167	88	-1	22	"	"	"	"					
22	83	277	83	194	-194	-399	23	254	171	83	83	23	"	"	"	"					
23	79	300	79	221	-221	-398	24	257	194	63	-16	24	"	"	"	"					
24	76	336	76	260	-260	-545	25	287	229	58	-18	25	"	"	"	"					
25	72	365	72	293	-293	-675	26	12	307	49	-11	26	"	"	"	"					
26	66	338	66	272	-272	-610	27	11	303	64	9	27	"	"	"	"					
27	61	303	61	242	-242	-541	28	10	286	73	22	28	"	"	"	"					
28	56	300	56	244	-244	-616	29	8	285	70	22	29	"	"	"	"					
29	54	298	54	244	-244	-541	30	9	286	71	26	30	1868	"	"	"					
30	49	296	49	247	-247	-784															

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

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

# DETERMINATION OF PRIORITY WATER

## MAY 2013

Mean daily discharge - cubic feet per second

2013	SAN CARLOS RESERVOIR				ASHURST-HAYDEN DAM				DAILY CALL SYSTEM				VERSION 7.08		
	RELEASES		STORAGE		Sluiced and/or Spilled		Nat. Flow Available to Project		COMPUTED PRIORITY YEAR						
	River Inflow	Total	Natural Flow	Inflow Minus Outflow	Ac-ft change S C Res.	MAY	Diverted	Stored	Natural Flow	Gain/Loss Nat. Flow	Duncan Virden	Safford		Winkelman	Ashurst-Hayden
APR 30	49	296	49	-247	-784	1	5	283	217	66	1	Immem	1868	Immem	Immem
MAY 1	36	293	36	-257	-708	2		284	226	58	2	1924	Immem	"	"
2	33	202	33	-169	-700	3		269	149	120	3	"	1924	1868	1868
3	27	15	15	12	64	4		109		109	4	"	"	Immem	Immem
4	33	33	33	4		5		58		58	5	"	"	"	1924
5	34	34	34	-81		6		42		42	6	"	"	"	"
6	33	33	33	-11		7		31		31	7	"	"	"	"
7	28	28	28	41		8		24		24	8	"	"	"	"
8	27	27	27	20		9		20		20	9	"	"	"	"
9	26	26	26	79		10		16		16	10	"	"	"	"
10	29	29	29	43		11		13		13	11	"	"	"	"
11	28	28	28	33		12		9		9	12	"	"	"	"
12	22	22	22	11		13		7		7	13	"	"	"	"
13	23	23	23	23		14		6		6	14	1896	"	"	"
14	22	22	22	23		15		4		4	15	1894	1896	"	"
15	17	17	17	-2		16		2		2	16	1884	1894	"	"
16	15	15	15	-30		17					17	1924	1884	1896	1896
17	14	14	14	13		18					18	1884	1924	1894	1894
18	13	13	13	-6		19					19	1883	1884	1884	1884
19	13	13	13	-28		20					20	1884	1883	1924	1924
20	14	14	14	28		21					21	1883	1884	1884	1884
21	13	13	13	-13		22					22	"	1883	1883	1883
22	12	12	12	8		23					23	1882	"	1884	1884
23	12	12	12	-6		24					24	"	1882	1883	1883
24	10	10	10	-2		25					25	1881	"	"	"
25	10	10	10	-2		26					26	"	1881	1882	1882
26	10	10	10	-4		27					27	1880	"	"	"
27	7	7	7	-19		28					28	"	1880	1881	1881
28	7	7	7	17		29					29	1877	"	"	"
29	7	7	7	-5		30					30	1882	1877	1880	1880
30	8	8	8	8		31					31	1876	1882	"	"
31	8	8	8	-6											

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

12% transit loss on daily Stored releases...

# DETERMINATION OF PRIORITY WATER

## JUNE 2013

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		Natural Flow		Duncan Virden		Safford		Winkelman		Ashurst-Hayden
2013	River Inflow	Total	Natural Flow	Stored	Inflow Minus Outflow	Ac-ft change S C Res.	JUN	Gain/Loss Nat. Flow	Nat. Flow Available to Project	JUN	Duncan Virden	Safford	Winkelman	Ashurst-Hayden	JUN	
MAY 31	8				8	-6	1		8	1	1877	1876	1877	1877	1	
JUN 1	7				7	-10	2		7	2	1879	1877	1882	1882	2	
2	6				6	-23	3		6	3	1880	1879	1876	1876	3	
3	6				6	-6	4		6	4	"	1880	1877	1877	4	
4	5				5	-4	5		5	5	"	"	1879	1879	5	
5	5				5	-6	6		5	6	"	"	1880	1880	6	
6	5				5	-8	7		5	7	1879	"	"	"	7	
7	5				5	-37	8		5	8	1880	1879	"	"	8	
8	4				4	-9	9		4	9	1879	1880	"	"	9	
9	4				4	-7	10		4	10	1877	1879	1879	1879	10	
10	3				3	-6	11		3	11	1879	1877	1880	1880	11	
11	3				3	-3	12		3	12	"	1879	1879	1879	12	
12	3				3	-6	13		3	13	"	"	1877	1877	13	
13	2				2	-7	14		2	14	"	"	"	1879	14	
14	2				2	-7	15		2	15	"	"	"	"	15	
15	2				2	-3	16		2	16	"	"	"	"	16	
16	7				7	-2	17		7	17	1877	"	"	"	17	
17	1				1	-8	18		1	18	1875	1877	"	"	18	
18	1				1	-14	19		1	19	"	1875	"	"	19	
19	3				3	3	20		3	20	1877	"	1877	1877	20	
20	3				3	-8	21		3	21	1873	1877	1875	1875	21	
21	3				3	-11	22		3	22	1875	1873	"	"	22	
22	1				1	-8	23		1	23	1873	1875	1877	1877	23	
23	1				1	-6	24		1	24	1875	1873	1873	1873	24	
24	2				2	-2	25		2	25	1874	1875	1875	1875	25	
25	3				3	-6	26		3	26	1873	1874	1873	1873	26	
26	3				3	-12	27		3	27	1875	1873	1875	1875	27	
27	2				2	-2	28		2	28	1874	1875	1874	1874	28	
28	2				2	3	29		2	29	1877	1874	1873	1873	29	
29	2				2	2	30		2	30	1874	1877	1875	1875	30	
30	2				2	-12			2							

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

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

# DETERMINATION OF PRIORITY WATER

## JULY 2013

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		Natural Flow		COMPUTED PRIORITY YEAR		PRIORITY YEAR			
2013	River Inflow	Total	Natural Flow	Stored	Inflow Minus Outflow	Ac-ft change S C Res.	JUL	Gain/Loss Nat. Flow	Nat. Flow Available to Project	Duncan Virden	Safford	Winkelman	Ashurst-Hayden	JUL	
JUN 30	2				2	-12	1		2	1874	1874	1874	1874	1	
JUL 1	1				1		2	1	1	"	"	1877	1877	2	
2						5	3			1876	"	1874	1874	3	
3						-2	4			1924	1876	"	"	4	
4						-3	5			1883	1924	"	"	5	
5						-1	6			1924	1883	1876	1876	6	
6	52				52		7	13	65	Immem	1924	1924	1924	7	
7	122				122	-6	8	9	131	1887	Immem	1883	1883	8	
8	78				78	-7	9	3	81	1924	1887	1924	1924	9	
9	75				75	-6	10	3	78	"	1924	Immem	Immem	10	
10	48				48	-15	11	270	318	"	1887	"	1887	11	
11	120				120	-3	12	361	481	1924	1887	1924	1924	12	
12	261				261	-7	13	336	597	"	"	1924	"	13	
13	196				196	4	14	14	210	"	"	"	"	14	
14	203				203	-2	15	11	214	"	"	"	"	15	
15	272				272	-2	16	11	283	"	"	"	"	16	
16	183				183		17	31	214	"	"	"	"	17	
17	326				326	-3	18	376	770	"	"	"	"	18	
18	791				791	-2	19	38	954	68	68	"	"	19	
19	486				486	361	20	125	536	125	125	"	"	20	
20	295				295	1023	21	41	409	50	50	"	"	21	
21	263				263	671	22	60	323	73	73	"	"	22	
22	551				551	343	23	16	567	60	60	"	"	23	
23	481		44		437	333	24	11	448	16	16	"	"	24	
24	518		76		442	517	25	16	458	11	11	"	"	25	
25	650		89		561	380	26	10	571	16	16	"	"	26	
26	781		127		654	780	27	82	765	10	10	"	"	27	
27	922		105		817	1358	28	29	904	29	29	"	"	28	
28	797		87		710	1741	29	87	770	87	87	"	"	29	
29	952		88		864	1264	30	60	919	60	60	"	"	30	
30	793		89		704	1529	31	55	754	55	55	"	"	31	
31	597		152		445	1092		50		50	50	"	"		

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

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

# DETERMINATION OF PRIORITY WATER

## AUGUST 2013

Mean daily discharge - cubic feet per second

2013	SAN CARLOS RESERVOIR				ASHURST-HAYDEN DAM				DAILY CALL SYSTEM				VERSION 7.08				
	RELEASES		STORAGE		Sluiced and/or Spilled		Natural Flow		COMPUTED PRIORITY YEAR		PRIORITY YEAR						
	River Inflow	Total	Natural Flow	Stored	Inflow Minus Outflow	Ac-ft change S C Res.	AUG	Diverted	Stored	Natural Flow	Gain/Loss Nat. Flow	Nat. Flow Available to Project	AUG	Duncan Virden	Safford	Winkelman	Ashurst-Hayden
JUL 31	597	152	152		445	1092	1	55		55	-97	500	1	1924	1924	1924	1924
AUG 1	390	181	181		209	649	2	104		104	-77	313	2	1890	"	"	"
2	294	181	181		113	260	3	106		106	-75	219	3	1924	1890	"	"
3	246	183	183		63	104	4	106		106	-77	169	4	"	1924	"	"
4	204	183	183		21	-52	5	107		107	-76	128	5	1883	"	1890	1890
5	180	183	180	3	-3	-35	6	109	3	106	-74	106	6	1924	1883	1924	1924
6	136	183	136	47	-47	-70	7	114	41	73	-63	73	7	Immem	1924	"	"
7	154	183	154	29	-29	-138	8	112	26	86	-68	86	8	1876	Immem	1883	1883
8	160	183	160	23	-23	-172	9	104	20	84	-76	84	9	1886	1876	1924	1924
9	175	183	175	8	8	-137	10	101	7	94	-81	94	10	1879	1886	Immem	Immem
10	197	182	182		15	-171	11	101		101	-81	116	11	1924	1879	1876	1876
11	520	182	182		338	136	12	101		101	-81	439	12	"	1924	1886	1886
12	494	181	181		313	361	13	105		105	-76	418	13	"	"	1879	1879
13	696	215	215		481	718	14	114		114	-101	595	14	1915	"	1924	1924
14	619	238	238		381	679	15	200		200	-38	581	15	1879	1915	"	"
15	339	238	238		101	491	16	199		199	-39	300	16	Immem	1879	"	"
16	376	238	238		138	55	17	199		199	-39	337	17	1902	Immem	1915	1915
17	259	238	238	17	21	19	18	209		209	-29	230	18	1912	1902	1879	1879
18	250	238	238		12	-110	19	216		216	-22	228	19	1894	1912	Immem	Immem
19	200	238	200	38	-38	-146	20	216	33	183	-17	183	20	1924	1894	1902	1902
20	172	200	172	28	-28	-55	21	181	25	156	-16	156	21	"	1924	1912	1912
21	150	166	150	16	-16	-54	22	137	14	123	-27	123	22	"	"	1894	1894
22	171	154	154		17	-73	23	111		111	-43	128	23	"	"	1924	1924
23	198	175	175		23	-127	24	226		226	51	249	24	"	"	"	"
24	219	178	178		41	-54	25	157		157	-21	198	25	"	"	"	"
25	335	177	177		158	181	26	220		220	43	378	26	"	"	"	"
26	253	177	177		76	146	27	143		143	-34	219	27	"	"	"	"
27	590	186	186		404	54	28	149		149	-37	553	28	"	"	"	"
28	568	227	227		341	422	29	175		175	-52	516	29	"	"	"	"
29	575	236	236		339	447	30	214		214	-22	553	30	"	"	"	"
30	722	210	210		512	187	31	195		195	-22	722	31	"	"	"	"
31	794	206	206		588	3377		15		15							

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

12% transit loss on daily Stored releases...

# DETERMINATION OF PRIORITY WATER

## SEPTEMBER 2013

Mean daily discharge - cubic feet per second

2013	SAN CARLOS RESERVOIR					ASHURST-HAYDEN DAM					DAILY CALL SYSTEM					VERSION 7.08	
	RELEASES		STORAGE			Sluiced and/or Spilled		Natural Flow			COMPUTED PRIORITY YEAR		COMPUTED PRIORITY YEAR				
	River Inflow	Total	Natural Flow	Stored	Inflow Minus Outflow	Ac-ft change S C Res.	SEP	Diverted	Stored	Natural Flow	Gain/Loss Nat. Flow	Nat. Flow Available to Project	SEP	Duncan Virden	Safford		Winkelman
AUG 31	794	206	206	206	588	3377	1	191	191	191	-15	779	1	1924	1924	1924	1924
SEP 1	631	207	207	207	424	761	2	191	191	191	-16	615	2	1918	"	"	"
2	496	208	208	208	288	941	3	190	190	190	-18	478	3	1924	1918	"	"
3	372	208	208	208	164	317	4	180	180	180	-28	344	4	"	1924	"	"
4	330	208	208	208	122	107	5	187	187	187	-21	309	5	"	"	1918	1918
5	383	208	208	208	175	63	6	185	185	185	-23	360	6	1915	"	1924	1924
6	319	208	208	208	111	128	7	189	189	189	-19	300	7	1924	1915	"	"
7	336	207	207	207	129	172	8	189	189	189	-18	318	8	"	1924	"	"
8	487	208	208	208	279	321	9	190	190	190	-18	469	9	"	"	1915	1915
9	831	145	145	145	686	737	10	70	213	213	138	969	10	"	"	1924	1924
10	982	82	82	82	900	1458	11	239	239	239	157	1139	11	"	"	"	"
11	816	82	82	82	734	1792	12	81	81	81	-1	815	12	"	"	"	"
12	1250	82	82	82	1168	2010	13	75	75	75	-7	1243	13	"	"	"	"
13	1460	93	93	93	1367	1877	14	110	110	110	49	1509	14	"	"	"	"
14	1790	101	101	101	1689	2821	15	6	96	96	1	1791	15	"	"	"	"
15	2220	101	101	101	2119	3044	16	76	76	76	-25	2195	16	"	"	"	"
16	3560	101	101	101	3459	3710	17	77	77	77	-24	3536	17	"	"	"	"
17	6350	102	102	102	6248	5776	18	76	76	76	-26	6324	18	"	"	"	"
18	7560	85	85	85	7475	11251	19	74	74	74	-11	7549	19	"	"	"	"
19	7870	66	66	66	7804	12641	20	52	52	52	-14	7856	20	"	"	"	"
20	6790	65	65	65	6725	12817	21	28	51	51	14	6804	21	"	"	"	"
21	4810	55	55	55	4755	8963	22	70	70	70	15	4925	22	"	"	"	"
22	3850	54	54	54	3796	6050	23	65	65	65	11	3861	23	"	"	"	"
23	3360	54	54	54	3306	5512	24	51	51	51	-3	3357	24	"	"	"	"
24	2330	54	54	54	2276	4429	25	44	44	44	-10	2320	25	"	"	"	"
25	1620	55	55	55	1565	5645	26	42	42	42	-13	1607	26	"	"	"	"
26	1160	55	55	55	1105	2241	27	41	41	41	-14	1146	27	"	"	"	"
27	888	135	135	135	753	1581	28	41	46	46	-48	840	28	"	"	"	"
28	717	178	178	178	539	1971	29	137	137	137	-41	676	29	"	"	"	"
29	606	161	161	161	445	-1175	30	135	135	135	-26	580	30	"	"	"	"
30	538	152	152	152	386	907											

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

12% transit loss on daily Stored releases...

# DETERMINATION OF PRIORITY WATER

## OCTOBER 2013

Mean daily discharge - cubic feet per second

2013	SAN CARLOS RESERVOIR					ASHURST-HAYDEN DAM					DAILY CALL SYSTEM					VERSION 7.08	
	RELEASES		STORAGE			Sluiced and/or Spilled		Nat. Flow Available to Project			COMPUTED PRIORITY YEAR						
	River Inflow	Total	Natural Flow	Stored	Inflow Minus Outflow	Ac-ft change S C Res.	OCT	Diverted	Stored	Natural Flow	Gain/Loss Nat. Flow	Nat. Flow Available to Project	OCT	Duncan Virden	Safford		Winkelman
SEP 30	538	152	152		386	907	1	119		119	-33	505	1	1915	1924	1924	1924
OCT 1	489	154	154		335	750	2	119		119	-35	454	2	1924	1915	"	"
2	444	155	155		289	592	3	120		120	-35	409	3	"	1924	"	"
3	402	165	165		237	432	4	123		123	-42	360	4	"	"	1915	1915
4	371	173	173		198	270	5	132		132	-41	330	5	"	"	1924	1924
5	331	173	173		158	217	6	134		134	-39	292	6	"	"	"	"
6	306	173	173		133	217	7	134		134	-39	267	7	"	"	"	"
7	289	173	173		116	108	8	135		135	-38	251	8	"	"	"	"
8	264	173	173		91	54	9	134		134	-39	225	9	"	"	"	"
9	244	175	175		69	109	10	142		142	-33	211	10	"	"	"	"
10	229	174	174		55	-109	11	142		142	-32	197	11	"	"	"	"
11	212	175	175		37	489	12	144		144	-31	181	12	"	"	"	"
12	200	174	174		26		13	142		142	-32	168	13	"	"	"	"
13	188	174	174		14		14	140		140	-34	154	14	"	"	"	"
14	176	163	163		13	109	15	135		135	-28	148	15	"	"	"	"
15	160	154	154		6		16	120		120	-34	126	16	"	"	"	"
16	151	140	140		11	-109	17	118		118	-22	129	17	"	"	"	"
17	141	124	124		17		18	96		96	-28	113	18	"	"	"	"
18	130	163	130	33	-33	-109	19	108	29	79	-51	79	19	1921	"	"	"
19	123	179	123	56	-56	-108	20	149	49	100	-23	100	20	"	1921	"	"
20	122	168	122	46	-46	-54	21	141	40	101	-21	101	21	"	"	"	"
21	116	164	116	48	-48	-55	22	129	42	87	-29	87	22	1924	"	1921	1921
22	110	164	110	54	-54	-542	23	129	48	81	-29	81	23	1921	1924	"	"
23	105	166	105	61	-61	-163	24	128	54	74	-31	74	24	"	1921	"	"
24	103	166	103	63	-63	-324	25	128	55	73	-30	73	25	1924	"	1924	1924
25	101	65	65		36		26	115		115	-50	151	26	"	1924	1921	1921
26	97				97	108	27	30	28	28	58	155	27	"	"	"	"
27	95				95	108	28	20		20	20	115	28	"	"	1924	1924
28	91				91	162	29	15		15	15	106	29	"	"	"	"
29	89				89	-108	30	10		10	10	99	30	"	"	"	"
30	84				84		31					84	31	"	"	"	"
31	82				82	108											

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

12% transit loss on daily Stored releases...

# DETERMINATION OF PRIORITY WATER

## NOVEMBER 2013

Mean daily discharge - cubic feet per second

2013	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			NOV
	Total	Natural Flow	Inflow Minus Outflow	Ac-ft change S C Res.							Duncan Virden	Safford		
OCT 31	82		82	108	10				10	92	1924	1924	1	
NOV 1	74		74		7				7	81	"	"	2	
2	72		72	55	7				7	79	"	"	3	
3	72		72	162	5				5	77	"	"	4	
4	76		76	54	5				5	81	"	"	5	
5	74		74	109	5				5	79	"	"	6	
6	68		68	54	5				5	73	"	"	7	
7	67		67	-54						67	"	"	8	
8	67		67	108						67	"	"	9	
9	67		67	109						67	"	"	10	
10	62		62	54						62	"	"	11	
11	68		68	109						68	"	"	12	
12	66	17	49	54					-17	49	"	"	13	
13	64	52	12	-163					-52	12	"	"	14	
14	60	47	13	-54					-47	13	"	"	15	
15	62	47	15	54					-47	15	"	"	16	
16	86	47	39	-54					-47	39	1885	"	17	
17	88	48	40	54					-48	40	1883	"	18	
18	96	49	47		30				-19	77	1885	1885	19	
19	95	27	68	109	25				-2	93	1885	"	20	
20	90		90	163						90	1885	"	21	
21	89		89	163						89	1891	1883	22	
22	90		90	764						90	1924	1885	23	
23	100		100	-109						100	"	"	24	
24	117		117	164						117	"	1891	25	
25	242		242	219						242	"	"	26	
26	305	19	286	493					-19	286	"	"	27	
27	271	51	220	110					-51	220	"	"	28	
28	262	52	210						-52	210	"	"	29	
29	260	52	208	385					-52	208	"	"	30	
30	249	53	196	221					-52	208	"	"		

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

12% transit loss on daily Stored releases...

# DETERMINATION OF PRIORITY WATER

## DECEMBER 2013

Mean daily discharge - cubic feet per second

2013	SAN CARLOS RESERVOIR					ASHURST-HAYDEN DAM					DAILY CALL SYSTEM					VERISON 7.08
	RELEASES		STORAGE			Sluiced and/or Spilled		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.	DEC	DEC	Duncan			Safford	Winkelman	Ashurst-Hayden		
NOV 30	249	53	53	196	221	1	20	20	-33	216	1	1924	1924	1924	1924	
DEC 1	232	53	53	179	552	2	20	20	-33	199	2	1891	"	"	"	
DEC 2	223	53	53	170	276	3	5	4	-44	179	3	1924	1891	"	"	
DEC 3	216	53	53	163	278	4	5	36	-12	204	4	1921	1924	"	"	
DEC 4	211	122	122	89	111	5	5	38	-79	132	5	"	1921	1891	1891	
DEC 5	210	164	164	46	-167	6	2	102	-60	150	6	1915	"	1924	1924	
DEC 6	204	164	164	40		7	125	125	-39	165	7	"	1915	1921	1921	
DEC 7	206	164	164	42	-111	8	127	127	-37	169	8	1921	"	"	"	
DEC 8	211	164	164	47	56	9	135	135	-29	182	9	1915	1921	1915	1915	
DEC 9	217	164	164	53	-56	10	137	137	-27	190	10	1921	1915	"	"	
DEC 10	211	164	164	47	56	11	143	143	-21	190	11	1915	1921	1921	1921	
DEC 11	208	183	183	25	-167	12	149	149	-34	174	12	1921	1915	1915	1915	
DEC 12	208	197	197	11	-55	13	170	170	-27	181	13	1915	1921	1921	1921	
DEC 13	204	197	197	7	-110	14	174	174	-23	181	14	"	1915	1915	1915	
DEC 14	200	197	197	3	-166	15	164	164	-33	167	15	"	"	1921	1921	
DEC 15	194	197	194	3	-166	16	170	167	-27	167	16	1921	"	1915	1915	
DEC 16	190	197	190	7	-55	17	185	179	-11	179	17	1915	1921	"	"	
DEC 17	187	197	187	10	-166	18	187	178	-9	178	18	1921	1924	"	"	
DEC 18	188	197	188	9	-110	19	183	175	-13	175	19	"	1921	1921	1921	
DEC 19	190	201	190	11	-111	20	182	172	-18	172	20	1924	"	1924	1924	
DEC 20	192	75	75	117	166	21	161	161	86	278	21	"	1924	1921	1921	
DEC 21	198			198	331	22	45	43	88	286	22	"	"	"	"	
DEC 22	197			197	277	23	45	1	46	243	23	"	"	1924	1924	
DEC 23	195			195	332	24	45		45	240	24	"	"	"	"	
DEC 24	195			195	388	25	30		30	225	25	"	"	"	"	
DEC 25	189			189	278	26	30		30	219	26	"	"	"	"	
DEC 26	184			184	223	27	25		25	209	27	"	"	"	"	
DEC 27	181			181	279	28	20		20	201	28	"	"	"	"	
DEC 28	183			183	390	29	20		20	203	29	"	"	"	"	
DEC 29	188	29	29	159	168	30	15		-14	174	30	"	"	"	"	
DEC 30	187	46	46	141	223	31	5		-41	146	31	"	"	"	"	
DEC 31	184	46	46	138	224											

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

12% transit loss on daily Stored releases...



# RELATIVE DIVERSION RIGHT FOR DUNCAN VALLEY

Based on one cubic foot per second for each eighty acres

THEN BEING IRRIGATED

Year	Sunset		New Model		Valley		Colmenero		Sexton		York		F. E. Ross		York Cattle		J H Brown		R K Davis		Laura Short		Albert		Total	
	Decreed	TBI 2013	Decreed	TBI 2013	Decreed	TBI 2013	Decreed	TBI 2013	Decreed	TBI 2013	Decreed	TBI 2013	Decreed	TBI 2013	Decreed	TBI 2013	Decreed	TBI 2013	Decreed	TBI 2013	Decreed	TBI 2013	Decreed	TBI 2013	Decreed	Total Modified
1874	6.3	5.2																							6.3	5.2
1881	12.1	9.9																							12.1	9.9
1882	13.2	10.9																							13.2	10.9
1884			0.5	0.3																					13.7	11.2
1885	15.5	12.7	2.2	1.4	1.0	0.6																0.1	0.5		18.7	14.7
1886			4.1	2.7	2.0	1.2																			21.6	16.6
1887	16.1	13.2	4.2	2.7	7.2	4.3																			22.3	17.1
1888			6.6	4.3																					29.9	21.8
1889			7.9	5.1																					31.2	22.6
1891	16.5	13.6	8.0	5.2																					31.7	23.1
1892	17.7	14.6																							32.9	24.1
1893	17.8	14.6	8.8	5.7																					33.8	24.6
1894			11.1	7.2	8.2	4.9																			37.1	26.7
1895	19.8	16.3	12.0	7.8	9.6	5.8																			41.4	29.9
1896	21.0	17.3	14.2	9.2																					44.8	32.3
1897	21.1	17.3	22.3	14.5	13.7	8.2																			58.3	40.0
1898	24.4	20.1	29.4	19.1	14.4	8.6																			68.4	47.8
1900	27.6	22.7	30.5	19.8	14.6	8.8																			72.9	51.3
1901																									76.1	51.3
1902																									78.2	51.3
1903																									79.3	51.3
1904	28.5	23.4			15.1	9.1																			74.3	52.3
1905			31.1	20.2	15.2	9.1																			75.0	52.7
1906			31.3	20.3																					75.2	52.8
1907			31.4	20.4																					75.3	52.9
1908			32.1	20.8	16.6	10.0																			77.4	54.2
1909			32.3	21.0																					77.6	54.2
1910																									78.2	54.9
1911	29.1	23.9	32.5	21.1																					78.4	55.0
1912																									78.5	55.0
1913			32.6	21.1																					79.1	55.6
1914	29.4	24.2	32.9	21.3	17.0	10.2																			79.5	55.7
1915					17.1	10.3																			84.1	55.8
1916					17.2	10.3																			85.0	56.2
1917	33.6	27.6	33.1	21.5																					85.2	56.3
1918					17.3	10.4																			85.3	56.4
1919	34.4	28.3																							85.8	56.7
1920			33.3	21.6																					85.8	56.7
1921																									85.8	56.7
1926	34.5	28.4																							85.8	56.7
1929			33.7	21.9																					85.8	56.7
Total	34.5	28.4	33.7	21.9	17.3	10.4	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	0.5	0.1	0.1	85.8	56.7	

DECREED ACRES	2,759.90	2,698.95	1,387.20	441.00	137.90	144.10	315.10	11.60	49.80	25.60	26.30	36.50	0.00	8.80	8.04275
TBI ACRES	2,269.04	1,750.77	832.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4,852.01
% REDUCTION	17.79%	35.13%	40.01%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	39.67%
% ACRES TBI	82.21%	64.87%	59.99%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	60.33%

Note: For blank spaces use first figure above.  
Modified effective December 1, 2013 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		Fourness		San Jose		Montezuma		Union-Sunflower		Graham		Smithville		Dodge-Navada		Curtis		Fort Thomas		Colvin-Jones		Total	
	Decreed	TBI	Decreed	TBI	Decreed	TBI	Decreed	TBI	Decreed	TBI	Decreed	TBI	Decreed	TBI	Decreed	TBI	Decreed	TBI	Decreed	TBI	Decreed	TBI	Decreed	TBI
1872																								
1873																								
1874																								
1875																								
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1918																								
1919																								
1920																								
Total	16.6	10.2	2.6	2.4	81.9	40.0	60.4	39.5	91.0	61.0	52.7	43.2	30.6	25.0	21.7	34.1	21.0	2.6	0.0	398.6	262.8	262.8	262.8	
DECREED ACRES	1,326.90	210.70			4,150.03	7,283.56	4,835.96	7,283.56	4,217.88	2,445.63	1,971.70	2,516.54	2,516.54	1,971.70	2,727.30	2,059.90	2,059.90	2,059.90	2,059.90	2,059.90	2,059.90	2,059.90	2,059.90	31,891.90
TBI ACRES	812.40	189.40			3,203.75	4,884.72	3,182.44	4,884.72	3,454.02	2,001.88	1,735.56	2,300.94	2,300.94	1,735.56	1,601.47	1,601.47	1,601.47	1,601.47	1,601.47	1,601.47	1,601.47	1,601.47	1,601.47	23,426.58
% REDUCTION	36.77%	22.80%			22.80%	32.93%	34.61%	32.93%	18.11%	11.14%	8.57%	8.57%	11.98%	11.98%	38.35%	26.54%	26.54%	26.54%	26.54%	26.54%	26.54%	26.54%	26.54%	26.54%
% ACRES TBI	61.23%	89.89%			77.20%	65.39%	65.39%	67.07%	81.89%	81.88%	88.02%	91.43%	91.43%	88.02%	61.85%	61.85%	61.85%	61.85%	61.85%	61.85%	61.85%	61.85%	61.85%	73.46%

Note: For blank spaces use first figure above.  
Modified effective December 1, 2013 in accordance with Court Order.

# 2013

## COMPARISON OF U.S.G.S. 2012 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	-4	130	75	4	4	4	-435	230	-4265	-367	-28	-82	-4734
Gila River Near Clifton	-101	5	92	-6	-29	-136	-378	391	-2001	574	44	93	-1451
San Francisco River @ Clifton	23	-4	5	18	-30	-105	771	765	-1672	-170	-232	-265	-894
Head of Safford Valley	27	191	446	74	-1	1	274	-141	-180	-730	-603	-999	-1641
Gila @ Calva	5	2	4	23	-1	-3	-1069	-277	-4056	2390	-181	-1044	-4209
San Carlos River @ Peridot	5	17	18	5	0	0	0	0	6	0	0	5	56
Gila Below Coolidge Dam	-20	-662	-63	22	-70	-39	-24	415	161	10	-40	-63	-375
Gila @ Kelvin	-34	-2	-51	-26	-2	0	4	0	39	137	-4	-99	-39
Florence Casa Grande Canal	-311	-108	432	168	-4	0	2	704	2	88	0	52	1025

# 2013

## Gila River Below Blue Creek Near Virden, New Mexico

Mean daily diversions, cubic feet per second

2013 DAY	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	70	196	88	153	44	15	1.7	328	368	356	132	141
2	71	182	85	150	41	10	2.2	289	371	320	128	140
3	70	164	88	147	44	8.1	52	248	325	290	124	138
4	70	157	92	141	46	7.4	239	210	279	258	125	133
5	71	158	86	140	53	7.5	39	192	262	229	129	131
6	73	148	92	131	59	5.2	33	189	298	206	126	130
7	73	144	92	129	60	4.3	18	187	278	191	127	131
8	70	128	92	130	61	5.7	24	181	319	181	132	131
9	68	128	107	126	59	6.1	102	170	286	169	131	129
10	68	124	125	133	60	6.3	49	158	583	162	129	126
11	71	120	149	138	65	6.1	78	142	2870	166	131	127
12	76	112	147	131	71	4.6	131	151	2550	165	128	128
13	87	107	151	126	72	4.0	180	178	1750	162	127	131
14	89	103	150	124	65	3.5	69	189	1450	162	125	129
15	77	97	148	122	56	3.0	114	228	2710	162	130	130
16	74	92	157	109	52	2.5	71	192	6890	160	129	129
17	80	88	189	105	51	2.5	154	165	6240	155	131	127
18	82	81	229	98	48	2.5	139	151	3500	150	133	126
19	81	78	224	98	40	2.5	62	149	2280	142	132	121
20	80	65	228	94	35	2.2	125	142	1810	133	128	118
21	78	64	206	93	33	2.1	84	170	1680	135	127	121
22	73	66	201	89	35	1.9	108	172	1610	134	127	117
23	66	84	211	85	32	1.8	232	174	1400	130	128	117
24	53	90	221	85	29	1.6	431	183	1170	131	139	118
25	51	93	214	77	26	1.4	1280	217	964	135	147	119
26	56	93	208	76	24	1.3	668	406	800	139	151	120
27	110	92	194	74	20	1.3	1270	474	676	143	153	120
28	200	92	159	72	18	1.5	791	438	569	144	151	118
29	249		153	59	15	1.8	705	423	476	139	147	118
30	249		151	50	12	1.6	502	532	411	132	145	115
31	215		150		13		391	459		132		114
<b>Total</b>	<b>2,901</b>	<b>3,146</b>	<b>4,787</b>	<b>3,285</b>	<b>1,339</b>	<b>125.3</b>	<b>8,144.9</b>	<b>7,487</b>	<b>45,175</b>	<b>5,413</b>	<b>3,992</b>	<b>3,893</b>
<b>Ac-ft</b>	<b>5,754</b>	<b>6,240</b>	<b>9,495</b>	<b>6,516</b>	<b>2,656</b>	<b>249</b>	<b>16,155</b>	<b>14,850</b>	<b>89,605</b>	<b>10,737</b>	<b>7,918</b>	<b>7,722</b>

Total for the Year: 177,897 ac-ft

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

Plate 34

# 2013

## GILA RIVER NEAR CLIFTON, ARIZONA

Mean daily diversions, cubic feet per second

2013 DAY	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	80	181	98	118	30	15	14	218	286	348	64	121
2	81	171	95	116	27	15	46	192	230	319	67	121
3	82	162	92	115	26	14	19	174	221	297	65	122
4	83	157	91	111	27	14	32	151	301	269	61	122
5	82	153	92	109	26	15	105	132	224	242	60	119
6	82	146	87	105	26	15	62	131	220	218	60	114
7	83	137	88	103	25	15	46	122	220	201	61	112
8	83	129	88	100	24	14	31	116	762	186	63	114
9	81	126	89	101	24	14	41	106	576	168	67	115
10	80	124	93	99	23	14	182	96	415	151	67	113
11	79	125	99	101	22	14	285	88	581	137	66	113
12	79	123	105	102	23	13	122	77	2,080	130	65	113
13	83	118	102	94	23	14	99	74	1,830	124	66	116
14	84	114	103	87	23	14	164	153	1,050	117	69	114
15	83	110	104	83	25	14	79	248	1,140	113	71	114
16	81	105	106	80	22	14	205	178	2,410	110	83	116
17	84	105	112	74	20	14	98	161	6,460	104	85	116
18	83	102	124	68	19	13	137	137	5,660	101	83	117
19	83	99	137	64	19	14	146	122	2,980	93	86	118
20	82	97	146	61	19	12	119	113	2,160	83	88	118
21	82	89	149	58	19	12	225	113	1,910	74	86	118
22	80	85	141	56	19	12	290	146	1,370	75	87	112
23	78	84	137	52	18	12	483	136	1,180	71	88	105
24	76	90	143	45	18	12	427	135	1,010	68	92	103
25	69	97	147	42	18	12	670	169	883	66	95	104
26	65	99	144	38	16	11	935	196	745	64	103	102
27	65	99	135	35	15	11	732	268	631	64	109	103
28	84	98	129	35	15	13	672	320	537	68	116	104
29	143		125	33	14	14	611	460	470	68	120	105
30	176		120	32	15	14	387	346	420	66	120	100
31	187		117		15		274	336		63		98
<b>Total</b>	2,743	3,325	3,538	2,317	655	404	7,738	5,414	38,962	4,258	2,413	3,482
<b>Ac-ft</b>	5,441	6,595	7,018	4,596	1,299	801	15,348	10,739	77,281	8,446	4,786	6,907

Total for the Year: 149,256 ac-ft

Drainage area - 4,010 sq. mi.

Plate 35

# 2013

## SAN FRANCISCO RIVER AT CLIFTON, ARIZONA

Mean daily diversions, cubic feet per second

2013 DAY	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	55	89	70	128	42	15	8.1	216	326	227	87	125
2	56	81	70	131	41	14	7.9	188	259	205	83	126
3	55	76	68	128	40	14	12	200	242	187	83	127
4	57	76	66	121	39	11	43	159	310	172	84	124
5	58	73	66	112	37	12	131	171	249	164	87	130
6	57	73	66	106	34	13	95	177	200	151	87	136
7	57	76	66	101	37	12	79	196	179	143	84	132
8	56	76	69	98	38	14	72	202	232	138	83	133
9	56	78	99	99	37	15	179	197	246	129	83	129
10	57	82	114	114	35	14	132	154	1,940	125	79	121
11	59	79	104	110	35	11	86	992	1,510	126	77	118
12	61	75	103	96	33	9.3	85	763	1,120	122	75	113
13	60	70	106	92	31	8.5	436	690	1,090	117	78	113
14	58	66	117	84	31	9.4	158	343	5,120	115	77	112
15	56	62	146	81	29	11	97	272	10,200	110	80	108
16	55	60	186	82	27	11	1,220	245	6,000	109	81	108
17	53	60	228	83	26	10	693	227	3,630	106	77	106
18	51	60	240	87	24	8.7	255	194	2,340	107	73	106
19	52	62	243	84	24	9.1	182	162	1,680	105	73	105
20	50	63	235	74	23	7.5	350	148	1,310	104	70	108
21	50	67	229	68	21	7.8	344	202	1,560	101	69	112
22	52	67	221	64	22	9.7	204	167	1,370	99	78	113
23	53	66	233	58	22	11	246	144	1,070	94	142	108
24	53	66	220	58	20	11	580	145	808	91	360	106
25	52	68	191	57	20	9.5	909	447	612	92	238	104
26	61	66	165	53	20	8.0	470	774	483	92	195	104
27	250	65	148	51	20	8.5	788	485	398	91	171	106
28	298	66	139	47	18	9.5	726	347	333	90	159	104
29	261		133	46	16	11	448	417	282	91	143	105
30	146		131	44	14	11	286	639	251	91	132	103
31	104		137		16		216	458		92		102
<b>Total</b>	<b>2,499</b>	<b>1,968</b>	<b>4,409</b>	<b>2,557</b>	<b>872</b>	<b>326.5</b>	<b>9,538.0</b>	<b>10,121</b>	<b>45,350</b>	<b>3,786</b>	<b>3,288</b>	<b>3,547</b>
<b>Ac-ft</b>	<b>4,957</b>	<b>3,904</b>	<b>8,745</b>	<b>5,072</b>	<b>1,730</b>	<b>648</b>	<b>18,919</b>	<b>20,075</b>	<b>89,952</b>	<b>7,510</b>	<b>6,522</b>	<b>7,035</b>

Total for the Year: 175,067 ac-ft

Drainage area - 2,766 sq. mi.

Plate 36

# 2013

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

Mean daily diversions, cubic feet per second

2013 DAY	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	142	308	189	261	79	35	23	468	741	749	173	263
2	146	270	186	255	75	34	40	412	554	640	171	256
3	147	250	180	251	72	33	32	367	492	583	171	255
4	148	241	173	242	72	32	32	341	596	538	173	255
5	147	233	172	229	70	31	162	273	481	490	175	251
6	148	227	167	218	69	30	200	307	401	406	174	248
7	151	223	161	209	69	31	145	301	389	352	173	249
8	151	221	162	202	69	29	138	291	430	319	172	248
9	149	210	170	199	70	29	136	312	1,350	295	176	248
10	148	212	202	213	68	29	357	266	1,890	273	177	245
11	148	215	204	222	68	29	455	927	2,470	257	173	241
12	147	213	208	219	67	28	263	822	2,860	246	172	236
13	148	210	210	207	66	25	394	877	3,440	241	170	234
14	151	203	210	186	63	24	423	499	4,800	230	172	233
15	148	198	232	176	63	24	229	586	12,400	220	178	233
16	147	192	261	172	61	26	1,000	391	10,400	216	184	233
17	149	192	295	167	56	25	1,160	394	9,800	210	196	233
18	151	191	333	162	53	24	568	335	8,560	212	191	233
19	148	190	363	160	51	23	383	291	5,500	211	186	232
20	148	190	383	150	49	22	381	259	3,640	196	187	233
21	144	187	393	142	47	20	539	272	3,130	188	188	235
22	143	181	380	130	46	19	643	305	2,530	180	197	233
23	141	178	370	123	46	20	515	282	2,140	183	218	230
24	144	175	370	115	44	20	862	275	1,810	181	339	224
25	143	185	367	112	42	20	1,440	333	1,540	177	342	223
26	140	187	346	106	41	20	1,670	1,020	1,340	173	308	220
27	182	189	322	100	40	18	1,220	843	1,170	173	296	220
28	314	187	301	94	40	18	1,730	729	1,040	175	288	222
29	368		284	90	38	21	1,220	744	930	175	278	226
30	355		269	84	36	22	885	1,370	839	173	270	220
31	350		266		35		595	949		171		218
<b>Total</b>	5,386	5,858	8,129	5,196	1,765	761	17,840	15,841	87,663	8,833	6,268	7,330
<b>Ac-ft</b>	10,683	11,619	16,124	10,306	3,501	1,509	35,386	31,421	173,880	17,520	12,433	14,539

Total for the Year: 338,921 ac-ft

Drainage area - 7,896 sq. mi.

Plate 37

# 2013

## GILA RIVER AT CALVA, ARIZONA

Mean daily diversions, cubic feet per second

2013 DAY	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	72	248	70	150	36	6.9	0.7	390	631	489	74	232
2	74	226	86	164	33	6.4	0.2	294	496	444	72	223
3	76	206	75	174	27	5.7		246	372	402	72	216
4	77	196	80	173	33	5.1		204	330	371	76	211
5	78	185	66	172	34	5.0		180	383	331	74	210
6	80	181	80	171	33	4.7	52	136	319	306	68	204
7	80	160	70	171	28	4.5	122	154	336	289	67	206
8	80	151	60	176	27	3.9	78	160	487	264	67	211
9	81	148	62	176	26	3.5	75	175	831	244	67	217
10	77	143	71	178	29	2.9	48	197	982	229	62	211
11	72	143	81	183	28	2.6	120	520	816	212	68	208
12	76	144	63	185	22	2.5	261	494	1,250	200	66	208
13	77	142	40	163	23	2.4	196	696	1,460	188	64	204
14	75	133	33	135	22	2.2	203	619	1,790	176	60	200
15	76	129	33	120	17	1.9	272	339	2,220	160	62	194
16	82	131	36	113	15	6.8	183	376	3,560	151	86	190
17	83	143	69	109	14	1.1	326	259	6,350	141	88	187
18	83	160	88	100	13	1.2	791	250	7,560	130	96	188
19	81	147	77	95	13	2.6	486	200	7,870	123	95	190
20	84	162	74	96	14	2.7	295	172	6,790	122	90	192
21	85	138	81	89	13	2.5	263	150	4,810	116	89	198
22	83	148	100	83	12	1.4	551	171	3,850	110	90	197
23	83	107	156	79	12	1.3	481	198	3,360	105	100	195
24	82	112	137	76	10	2.3	518	219	2,330	103	117	195
25	80	84	162	72	10	3.3	650	335	1,620	101	242	189
26	93	78	160	66	10	2.8	781	253	1,160	97	305	184
27	84	69	158	61	7.0	1.8	922	590	888	95	271	181
28	83	84	156	56	7.1	0.4	797	568	717	91	262	183
29	143		163	54	6.9	1.5	952	575	606	89	260	188
30	210		158	49	8.0	1.5	793	722	538	84	249	187
31	246		152		7.6		597	794		82		184
<b>Total</b>	2,836	4,098	2,897	3,689	590.6	93.4	10,814	10,636.0	64,712	6,045.0	3,459.0	6,183
<b>Ac-ft</b>	5,625	8,128	5,746	7,317	1,171	185	21,449	21,097	128,356	11,990	6,861	12,264

Total for the Year: 230,191 ac-ft

Drainage area - 11,470 sq. mi.

Plate 38

# 2013

## SAN CARLOS RIVER NEAR PERIDOT, ARIZONA

Mean daily diversions, cubic feet per second

2013 DAY	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
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 Ac-ft												

Total for the Year:          ac-ft

Drainage area - 1,026 sq. mi.

# 2013

## GILA RIVER BELOW COOLIDGE DAM, ARIZONA

Mean daily diversions, cubic feet per second

2013 DAY	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	0.8	66	106	170	293	1.7	1.2	181	207	154	0.8	53
2	0.8	65	106	169	202	1.7	1.1	181	208	155	0.8	53
3	0.8	64	104	183	15	1.7	1.3	183	208	165	0.8	53
4	0.8	64	104	188	2.1	1.7	1.3	183	208	173	0.8	122
5	0.8	64	104	184	2.0	1.7	1.1	183	208	173	0.8	164
6	0.8	79	111	182	2.0	1.7	1.1	183	208	173	0.8	164
7	0.8	109	114	181	2.0	6.6	1.1	183	207	173	0.8	164
8	0.8	119	102	216	2.0	1.7	1.4	183	208	173	0.8	164
9	0.6	115	102	232	2.0	1.7	2.1	183	145	175	0.8	164
10	0.6	115	62	234	2.0	1.7	2.4	182	82	174	0.8	164
11	0.6	115	40	235	2.0	1.7	2.2	182	82	175	0.8	183
12	0.6	114	78	259	2.0	1.7	1.7	181	82	174	17	197
13	0.6	113	102	298	2.0	1.7	1.7	215	93	174	52	197
14	0.6	144	102	295	2.0	1.7	1.3	238	101	163	47	197
15	0.6	157	103	293	2.0	1.7	1.3	238	101	154	47	197
16	0.6	142	104	291	2.0	1.7	1.3	238	101	140	47	197
17	0.6	142	103	290	2.0	1.7	1.3	238	102	124	48	197
18	0.6	142	103	288	2.0	1.4	1.3	238	85	163	49	197
19	0.7	142	117	286	2.0	1.1	1.3	238	66	179	27	201
20	0.8	143	126	283	2.1	1.1	1.5	200	65	168	0.8	75
21	0.8	142	118	279	2.1	1.1	1.7	166	55	164	0.8	1.6
22	0.9	128	118	277	2.0	1.2	1.7	154	54	164	0.8	1.3
23	0.9	108	118	300	2.0	1.3	44	175	54	166	0.8	1.3
24	0.8	108	118	336	2.0	1.3	76	178	54	166	0.8	1.3
25	28	108	118	365	2.0	1.1	89	177	55	65	0.8	4.8
26	65	107	125	338	2.0	1.1	127	177	55	2.1	19	1.4
27	65	106	130	303	1.8	1.1	105	186	135	2.0	51	1.3
28	64	106	129	300	1.7	1.1	87	227	178	2.0	52	1.3
29	64		151	298	1.7	1.1	88	236	161	1.8	52	29
30	64		171	296	1.7	1.2	89	210	152	1.7	53	46
31	65		171		1.7		152	206		1.7		46
<b>Total</b>	<b>432.2</b>	<b>3,127</b>	<b>3,460</b>	<b>7,849</b>	<b>564.9</b>	<b>49.0</b>	<b>889.4</b>	<b>6,123</b>	<b>3,720</b>	<b>4,038.3</b>	<b>574.8</b>	<b>3,238.3</b>
<b>Ac-ft</b>	<b>857</b>	<b>6,202</b>	<b>6,863</b>	<b>15,568</b>	<b>1,120</b>	<b>97</b>	<b>1,764</b>	<b>12,145</b>	<b>7,379</b>	<b>8,010</b>	<b>1,140</b>	<b>6,423</b>

Total for the Year: 67,570 ac-ft

Drainage area - 12,886 sq. mi.

Plate 40

# 2013

## NATURAL FLOW RELEASED AT COOLIDGE DAM

Mean daily diversions, cubic feet per second

2013 DAY	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1		66	70	150	36			181	207	154		53
2		65	86	164	33			181	208	155		53
3		64	75	174	15			183	208	165		53
4		64	80	173				183.0	208	173		122
5		64	66	172				180	208	173		164
6		79	80	171				136	208	173		164
7		109	70	171				154	207	173		164
8		119	60	176				160.0	208	173		164
9		115	62	176				175.0	145	175		164
10		115	62	178				182.0	82	174		164
11		115	40	183				182	82	175		183
12		114	63	185				181	82	174	17	197
13		113	40	163				215	93	174	52	197
14		133	33	135				238	101	163	47	197
15		129	33	120				238	101	154	47	194
16		131	36	113				238	101	140	47	190
17		142	69	109				238	102	124	48	187
18		142	88	100				238	85	130	49	188
19		142	77	95				200	66	123	27	190
20		143	74	96				172	65	122		75
21		138	81	89				150	55	116		
22		128	100	83				154	54	110		
23		107	118	79			44	175	54	105		
24		108	118	76			76	178	54	103		
25	28	84	118	72			89	177	55	65		
26	65	78	125	66			127	177	55		19	
27	65	69	130	61			105	186	135		51	
28	64	84	129	56			87	227	178		52	
29	64		151	54			88.0	236	161		52	29
30	64		158	49			89	210	152		53	46
31	65		152				152	206				46
<b>Total</b>	415	2,960	2,644	3,689	84		857	5,931	3,720	3,666	561	3,184
<b>Ac-ft</b>	823	5,871	5,244	7,317	167		1,699.9	11,764	7,379	7,272	1,113	6,315

Total for the Year: 54,965 ac-ft

Plate 41

# 2013

## STORED WATER RELEASED AT COOLIDGE DAM

Mean daily diversions, cubic feet per second

2013 DAY	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1			36	20	257							
2			20.0	5	169							
3			29	9								
4			24	15								
5			38	12				3				
6			31	11				47				
7			44	10				29				
8			42	40				23				
9			40	56				8				
10				56								
11				52								
12			15	74								
13			62	135								
14		11	69	160								
15		28	70	173								3
16		11	68	178								7
17			34	181								10
18			15	188						33		9
19			40	191				38		56		11
20			52	187				28		46		
21		4	37	190				16		48		
22			18	194						54		
23		1		221						61		
24				260						63		
25		24		293								
26		29		272								
27		37		242								
28		22		244								
29				244								
30			13	247								
31			19									
<b>Total</b>		167	816	4,160	426			192		361		40
<b>Ac-ft</b>		331	1,619	8,251	845			381		716		79

Total for the Year: 12,222 ac-ft

Plate 42

# 2013

## GILA RIVER AT KELVIN ARIZONA

Mean daily diversions, cubic feet per second

2013 DAY	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	3	159	122	145	284	6.2		85	183	128	6.7	53.0
2	3.4	138	122	146	280	5.6		117	177	128	5.4	54
3	3.9	129	120	145	207	5.1		121	179	128	4.4	55
4	4.4	119	116	153	71	4.7		121	185	132	3.6	54
5	5.1	109	117	158	49	4		126	179	135	3.1	84
6	4.9	105	115	159	37	3.4		132	177	137	2.8	136
7	5.2	107	116	160	31	2.8	30	386	181	138	2.9	144
8	5.5	117	120	157	26	2.1	15	220	186	138	3.4	147
9	6.5	128	136	189	24	1.8	4.5	154	188	138	3.4	148
10	6.3	130	171	210	21	1.6	1	144	305	142	3.3	150
11	6.9	129	158	215	20	1.4	307	144	213	144	3.2	152
12	6.9	129	117	218	18	1.3	410	176	88	145	3.0	168
13	7.3	130	112	238	17	0.99	385	164	85	143	3.0	181
14	7.4	128	129	259	15	0.86	16	183	153	143	3.0	182
15	7.4	137	122	260	14	0.65	12	204	110	136	3.3	184
16	8	145	115	259	12	0.42	12	205	89	130	31	185
17	7	137	111	255	11	0.26	35	206	90	123	37	186
18	7.3	140	110	259	11	0.17	504	208	89	112	38	187
19	7.7	139	108	260	10		185	207	82	140	39	186
20	8	140	111	260	9.3		25	206	59	148	41	185
21	8	148	120	259	8.8		129	164	85	138	30	121
22	8	140	116	258	7.7		25	133	70	136	19	54
23	7.9	137	114	258	8.5		15	150	74	135	20	37
24	8.1	127	116	279	8.8		12	223	60	135	23	29
25	9	128	118	312	9.4		6.2	161	57	135	20	24
26	13	126	118	345	8.8		3.2	351	55	97	15	21
27	132	126	119	319	8.5		126	154	53	42	12	19
28	319	124	123	295	8.0		74	155	94	25	9.5	18
29	292		123	292	7.3		63	204	143	16	43	17
30	230		131	289	6.7		58	208	133	11.0	51	14
31	189		146		6.4		56	194		8		16
<b>Total</b>	1,338.2	3,651	3,792	7,011	1,256.2	43.4	2,508.9	5,606	3,822	3,586.0	483.0	3,191
<b>Ac-ft</b>	2,654	7,242	7,521	13,906	2,492	86	4,976	11,120	7,581	7,113	958	6,329

Total for the Year: 71,979 ac-ft

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

Plate 43

# 2013

## OPERATION OF SAN CARLOS RESERVOIR

Quantities in Acre-Feet

2013 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	4398	8325	3927	5625		199	5824	857	184	1041	856	
FEB	8325	11451	3126	8128		100	8228	6202	318	6520		-1418
MAR	11451	11052	-399	5746		111	5857	6863	644	7507		-1251
APR	11052	1759	-9293	7317		51	7368	15568	815	16383	278	
MAY	1759	520	-1239	1171			1171	1120	177	1297	1113	
JUN	520	293	-227	185		3	188	97	176	273	142	
JUL	293	11636	11343	21449		74	21523	1764	340	2104	8076	
AUG	11636	18528	6892	21097		193	21290	12145	1198	13343	1055	
SEP	18528	117396	98868	128356		229	128585	7379	1789	9168	20549	
OCT	117396	119548	2152	11990		90	12080	8010	2501	10511		-583
NOV	119548	122881	3333	6861		641	7502	1140	1171	2311	1858	
DEC	122881	126049	3168	12264		110	12374	6423	846	7269	1937	
<b>Totals</b>			<b>121651</b>	<b>230189</b>		<b>1801</b>	<b>231990</b>	<b>67568</b>	<b>10159</b>	<b>77727</b>	<b>35864</b>	<b>-3252</b>

# 2013

## MASS DIAGRAM OF OPERATION OF SAN CARLOS RESERVOIR

In Acre-Feet

2013 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	4398							
JAN	8325	3927	5824	1041	856	0	856	856
FEB	11451	3126	14052	7561	0	-1418	-562	-1418
MAR	11052	-399	19909	15068	0	-1251	-1813	-1251
APR	1759	-9293	27277	31451	278	0	-1535	278
MAY	520	-1239	28448	32748	1113	0	-422	1113
JUN	293	-227	28636	33021	142	0	-280	142
JUL	11636	11343	50159	35125	8076	0	7796	8076
AUG	18528	6892	71449	48468	1055	0	8851	1055
SEP	117396	98868	200034	57636	20549	0	29400	20549
OCT	119548	2152	212114	68147	0	-583	28817	-583
NOV	122881	3333	219616	70458	1858	0	30675	1858
DEC	126049	3168	231990	77727	1937	0	32612	1937
Graph:	STORAGE		INFLOW	RELEASES	BANK STOR/REL			

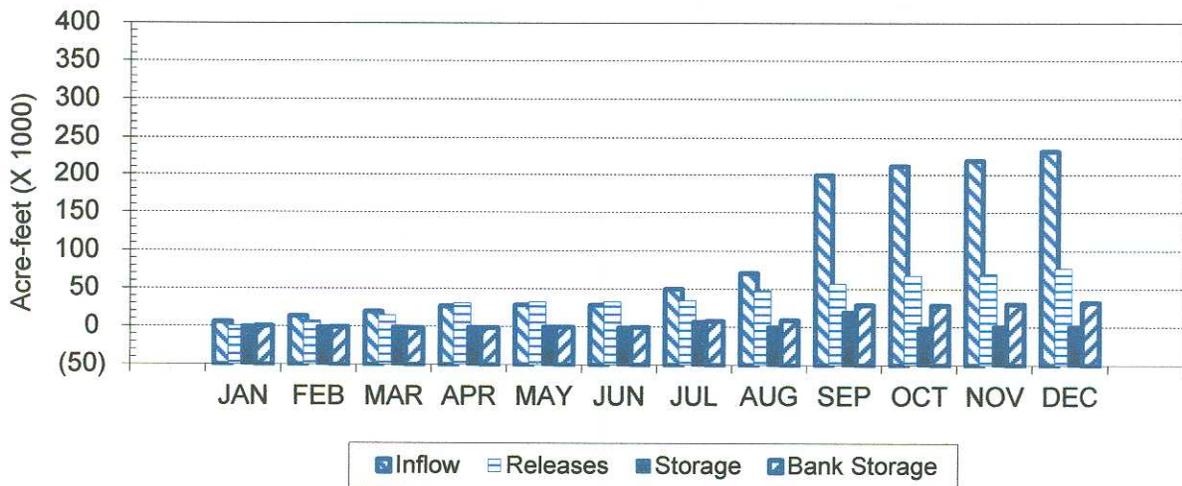


Plate 45

# 2013

## WATER SURFACE ELEVATIONS, SAN CARLOS RESERVOIR

Elevation in Feet

2013 DAY	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	2401.54	2404.92	2406.45	2406.35	2396.47	2394.55	2393.32	2407.09	2410.77	2438.66	2438.92	2439.63
2	2401.65	2405.20	2406.54	2406.32	2393.68	2394.43	2393.35	2407.24	2411.22	2438.77	2438.93	2439.68
3	2401.75	2405.43	2406.50	2406.30	2394.05	2394.40	2393.34	2407.30	2411.37	2438.85	2438.96	2439.73
4	2401.83	2405.62	2406.48	2406.28	2394.07	2394.38	2393.32	2407.27	2411.42	2438.90	2438.97	2439.75
5	2401.90	2405.78	2406.46	2406.27	2393.60	2394.35	2393.31	2407.25	2411.45	2438.94	2438.99	2439.72
6	2402.00	2405.93	2406.41	2406.22	2393.53	2394.31	2393.31	2407.21	2411.51	2438.98	2439.00	2439.72
7	2402.10	2406.01	2406.37	2406.19	2393.78	2394.11	2393.27	2407.13	2411.59	2439.00	2438.99	2439.70
8	2402.37	2406.08	2406.35	2406.10	2394.10	2394.06	2393.22	2407.03	2411.74	2439.01	2439.01	2439.71
9	2402.44	2406.15	2406.35	2406.05	2394.33	2394.02	2393.18	2406.95	2412.08	2439.03	2439.03	2439.70
10	2402.40	2406.20	2406.36	2405.97	2394.55	2393.99	2393.08	2406.85	2412.74	2439.01	2439.04	2439.71
11	2402.63	2406.26	2406.50	2405.89	2394.71	2393.97	2393.05	2406.93	2413.00	2439.10	2439.06	2439.68
12	2402.71	2406.30	2406.50	2405.79	2394.76	2393.94	2393.00	2407.14	2414.39	2439.10	2439.07	2439.67
13	2402.79	2406.35	2406.51	2405.65	2494.76	2393.90	2393.03	2407.55	2415.17	2439.10	2439.04	2439.65
14	2402.87	2406.40	2406.51	2405.40	2394.87	2393.86	2393.02	2407.93	2416.29	2439.12	2439.03	2439.62
15	2402.96	2406.42	2406.51	2405.22	2394.86	2393.84	2393.00	2408.20	2417.43	2439.12	2439.04	2439.59
16	2403.03	2406.41	2406.48	2404.88	2394.72	2393.83	2393.00	2408.23	2418.74	2439.10	2439.03	2439.58
17	2403.13	2406.42	2406.42	2404.60	2394.78	2393.78	2392.98	2408.24	2420.64	2439.10	2439.04	2439.55
18	2403.25	2406.44	2406.40	2404.42	2394.75	2393.70	2392.97	2408.18	2424.06	2439.08	2439.04	2439.53
19	2403.36	2406.42	2406.31	2404.15	2394.62	2393.72	2395.00	2408.10	2427.58	2439.06	2439.06	2439.51
20	2403.46	2406.48	2406.35	2403.87	2394.75	2393.67	2397.73	2408.07	2430.87	2439.05	2439.09	2439.54
21	2403.57	2406.55	2406.30	2403.57	2394.69	2393.60	2398.86	2408.04	2432.97	2439.04	2439.12	2439.60
22	2403.65	2406.58	2406.19	2403.26	2394.73	2393.55	2399.36	2408.00	2434.30	2438.94	2439.26	2439.65
23	2403.75	2406.63	2406.22	2402.94	2394.70	2393.51	2399.81	2407.93	2435.46	2438.91	2439.24	2439.71
24	2403.86	2406.65	2406.25	2402.48	2394.69	2393.50	2400.45	2407.90	2436.36	2438.85	2439.27	2439.78
25	2403.93	2406.67	2406.28	2401.87	2394.68	2393.46	2400.88	2408.00	2437.47	2438.85	2439.31	2439.83
26	2404.06	2406.64	2406.31	2401.27	2394.66	2393.38	2401.68	2408.08	2438.90	2438.87	2439.40	2439.87
27	2404.13	2406.63	2406.34	2400.69	2394.57	2393.37	2402.89	2408.11	2438.20	2438.89	2439.42	2439.92
28	2404.13	2406.60	2406.36	2399.95	2394.65	2393.39	2404.22	2408.34	2438.57	2438.92	2439.42	2439.99
29	2404.14		2406.36	2399.22	2394.63	2393.39	2405.08	2408.58	2438.35	2438.90	2439.49	2440.02
30	2404.32		2406.37	2397.97	2394.63	2393.31	2406.05	2408.68	2438.52	2438.90	2439.53	2440.06
31	2404.62		2406.36		2394.60		2406.71	2410.40		2438.92		2440.10

# 2013

## WATER SURFACE AREAS, SAN CARLOS RESERVOIR

Area in Acres

2013 DAY	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	1013	1509	1663	1653	387	201	150	1725	2073	5371	5413	5530
2	1030	1541	1671	1650	165	196	151	1740	2110	5389	5415	5538
3	1044	1563	1667	1648	180	195	151	1746	2123	5402	5420	5546
4	1056	1582	1665	1646	181	194	150	1743	2127	5410	5421	5549
5	1066	1597	1663	1645	161	193	149	1741	2130	5416	5424	5544
6	1081	1612	1659	1640	158	191	149	1737	2136	5423	5426	5544
7	1095	1620	1655	1637	169	182	148	1729	2140	5426	5424	5541
8	1135	1626	1623	1628	178	180	146	1719	2153	5428	5428	5543
9	1145	1633	1623	1624	192	179	144	1711	2181	5431	5431	5541
10	1139	1638	1654	1616	201	178	140	1702	2236	5428	5433	5543
11	1173	1644	1667	1618	508	177	139	1709	2301	5443	5436	5538
12	1185	1648	1667	1598	210	176	136	1730	2372	5443	5438	5536
13	1197	1653	1668	1585	210	174	138	1770	2446	5443	5433	5533
14	1209	1658	1668	1560	215	172	137	1807	2594	5446	5431	5528
15	1220	1660	1668	1543	214	172	136	1833	2745	5446	5433	5523
16	1232	1659	1665	1503	208	171	136	1836	2919	5443	5431	5522
17	1247	1660	1660	1462	211	169	135	1837	3142	5443	5433	5517
18	1264	1662	1658	1436	210	166	135	1831	3438	5440	5433	5513
19	1280	1660	1649	1397	204	167	220	1824	3744	5436	5436	5510
20	1295	1665	1623	1356	210	165	530	1821	4096	5435	5441	5515
21	1311	1672	1648	1311	212	161	658	1818	4440	5433	5446	5525
22	1323	1675	1637	1265	209	159	715	1814	4657	5416	5469	5533
23	1338	1680	1640	1219	207	157	765	1807	4847	5412	5465	5543
24	1354	1682	1643	1151	206	157	853	1804	4995	5402	5470	5554
25	1364	1684	1646	1062	206	155	916	1814	5176	5402	5477	5562
26	1383	1681	1649	974	205	152	1034	1822	5246	5405	5492	5569
27	1394	1680	1652	889	160	152	1212	1825	5296	5408	5446	5577
28	1394	1677	1654	782	205	153	1407	1847	5356	5413	5446	5588
29	1395		1654	698	204	153	1529	1870	5320	5410	5506	5592
30	1421		1655	559	204	149	1624	1880	5384	5410	5513	5596
31	1465		1654		203		1688	2042		5413		5600

# 2013

## AVAILABLE STORED WATER, SAN CARLOS RESERVOIR

Storage in Acre-feet

2013 DAY	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	4509	8771	11201	11035	1051	510	294	12285	19289	118146	119548	123433
2	4622	9199	11351	10985	351	487	299	12545	20230	118738	119603	123709
3	4725	9556	11284	10952	415	481	297	12649	20547	119170	119765	123987
4	4809	9855	11251	10919	419	477	294	12597	20654	119440	119819	124098
5	4883	10109	11218	10903	338	471	293	12562	20717	119657	119928	123931
6	4990	10349	11135	10821	327	463	293	12492	20845	119874	119982	123931
7	5099	10478	11068	10772	368	426	287	12354	21017	119982	119928	123820
8	5400	10592	11035	10625	388	417	280	12182	21338	120036	120036	123876
9	5480	10707	11035	10544	467	410	274	12045	22075	120145	120145	123820
10	5434	10788	11052	10414	510	404	259	11874	23533	120036	120199	123876
11	5700	10886	11284	10285	543	401	256	12010	25325	120525	120308	123709
12	5794	10952	11284	10125	554	395	249	12371	27335	120525	120362	123654
13	5890	11035	11301	9902	554	388	253	13089	29212	120525	120199	123544
14	5986	11118	11301	9509	577	381	251	13768	32033	120634	120145	123378
15	6095	11151	11301	9230	575	378	249	14259	35077	120634	120199	123212
16	6181	11135	11251	8711	545	376	249	14314	38787	120525	120145	123157
17	6306	11151	11151	8296	558	368	246	14333	44563	120525	120199	122991
18	6456	11184	11118	8035	552	354	244	14223	55814	120416	120199	122881
19	6596	11151	10969	7653	524	357	605	14077	68455	120308	120308	122770
20	6724	11251	11035	7268	552	349	1628	14022	81272	120254	120471	122936
21	6868	11368	10952	6868	539	338	2299	13968	90235	120199	120634	123267
22	6973	11418	10772	6469	547	330	2642	13895	96285	119657	121398	123544
23	7106	11501	10821	6071	541	324	2975	13768	101797	119494	121289	123876
24	7254	11535	10870	5526	539	322	3492	13714	106226	119170	121453	124264
25	7349	11569	10919	4851	537	316	3872	13895	111871	119170	121672	124542
26	7528	11518	10969	4241	533	304	4652	14041	114112	119278	122165	124765
27	7625	11501	11018	3700	514	302	6010	14095	115693	119386	122275	125044
28	7625	11451	11052	3084	531	305	7751	14517	117664	119548	122275	125434
29	7639		11052	2543	526	305	9015	14964	116489	119440	122660	125602
30	7892		11068	1770	526	293	10544	15151	117396	119440	122881	125825
31	8325		11052		520		11636	18528		119548		126049

# 2013

## DAILY EVAPORATION, SAN CARLOS RESERVOIR

Acre-feet

2013 DAY	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	3	9	17	29	15	6	4	25	46	99	54	27
2	5	7	16	34	7	7	4	32	45	94	69	32
3	7	5	18	26	4	8	4	45	53	75	64	42
4	11	10	24	26	5	7	5	41	51	146	46	22
5	6	11	17	21	4	7	4	22	54	62	54	30
6	1	10	21	24	3	7	4	26	47	107	52	27
7	4	11	22	40	3	7	5	48	29	82	53	41
8	9	11	6	41	4	6	4	48	24	95	53	30
9	6	6	5	19	4	6	4	50	6	131	37	38
10	7	9	15	18	4	6	4	45	34	54	41	15
11	4	5	15	24	5	6	3	40	38	55	56	39
12	2	9	18	19	5	7	3	33	41	66	51	34
13	2	9	20	35	5	6	3	40	38	81	70	6
14	6	14	19	38	6	6	3	38	32	81	39	45
15	6	16	21	38	7	4	3	51	49	79	39	29
16	6	14	23	43	6	5	2	51	55	66	37	22
17	6	18	27	24	6	6	3	48	69	76	44	23
18	7	14	24	26	6	5	3	46	76	79	35	24
19	7	19	25	23	6	6	2	48	71	65	43	41
20	6	8	16	31	6	6	5	42	78	80	32	12
21	6	5	16	30	5	5	9	37	59	75	21	12
22	7	13	16	21	7	5	13	34	101	78	13	21
23	7	13	41	31	6	5	18	35	92	68	18	23
24	2	8	33	27	7	5	16	24	83	64	16	21
25	5	14	23	27	6	5	14	15	134	73	13	29
26	7	17	22	21	5	6	15	32	133	65	13	40
27	6	16	23	21	5	6	21	50	9	62	38	30
28	6	17	24	20	6	4	38	42	53	125	36	19
29	13		28	20	7	5	41	29	81	92	19	27
30	7		19	18	6	6	45	33	108	68	15.0	25
31	7		30		6		38	48		58		20
<b>Total</b>	184	318	644	815	177	176	340	1,198	1,789	2,501	1,171	846

Total for the Year: 10,159 acre-feet

Plate 49

# 2013

## DAILY RAINFALL, SAN CARLOS RESERVOIR

Acre-feet

2013 DAY	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1												
2							4					
3												
4								7			18	
5											5	
6												
7			10						45			32
8		9	101	37					116			
9		14		14					34	90		
10	12						1					
11								81				
12												
13							1					
14							1					
15						3	2					
16												
17												
18												
19		6					2					37.0
20		65.0					20					41
21		3					20				27.0	
22									34		227	
23		3						6			364	
24								17				
25	10							54				
26	141											
27	19						23					
28	17											
29								28				
30												
31												
<b>Total</b>	199	100	111	51		3	74	193	229	90	641	110

Total for the Year: 1,801 ac-ft

# 2013

## RAINFALL AT COOLIDGE DAM

Elevation approximately 2,550 feet

Inches

2013 DAY	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1							0.03					
2							0.32					
3												
4								0.05			0.04	
5											0.01	
6												
7			0.07						0.25			0.07
8		0.07	0.73	0.27					0.65			
9		0.10		0.10					0.19	0.20		
10	0.13						0.05					
11								0.57				
12												
13							0.06					
14							0.07					
15						0.18	0.20					
16												
17												
18												
19		0.04					0.12					0.08
20		0.47					0.65					0.09
21		0.02					0.40				0.06	
22									0.09		0.50	
23		0.02						0.04			0.80	
24								0.11				
25	0.09							0.36				
26	1.23											
27	0.16						0.25					
28	0.15											
29								0.18				
30												
31												
<b>Total</b>	1.76	0.72	0.80	0.37		0.18	2.15	1.31	1.18	0.20	1.41	0.24

Note: T-Trace

Total for Year : 10.32 inches

Plate 51

# 1956-2013

## 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

Plate 52-1

# 1956-2013

## MONTHLY RAINFALL AT COOLIDGE DAM

Inches

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
<b>2007</b>	1.45	0.85	1.08	0.05	0.00	0.00	2.11	2.09	0.24	0.15	2.70	2.67	<b>13.39</b>
<b>2008</b>	2.60	1.89	0.70	0.00	1.41	0.00	2.49	3.80	0.10	0.06	0.91	2.23	<b>16.19</b>
<b>2009</b>	1.72	1.34	0.30	0.63	0.84	0.32	2.98	0.03	0.57		0.14	1.88	<b>10.75</b>
<b>2010</b>	5.99	2.05	1.30	0.20	0.00	0.05	2.92	1.17	0.47	0.82	0.05	2.10	<b>17.12</b>
<b>2011</b>	0.00	0.54	0.26	0.42	0.11	0.06	3.07	2.07	1.44	0.27	0.67	2.85	<b>11.76</b>
<b>2012</b>	0.85	0.17	0.72	0.38	0.00	0.00	4.05	1.69	2.49	0.00	0.57	2.59	<b>13.51</b>
<b>2013</b>	1.76	0.72	0.80	0.37	0.00	0.18	2.15	1.31	1.18	0.20	1.41	0.24	<b>10.32</b>

THE LAW OFFICE OF

L. ANTHONY FINES  
lafines@lafinespc.com

**L. ANTHONY FINES, P.C.**

145 S. Sixth Avenue  
Tucson, Arizona 85701

TELEPHONE  
(520) 547-2890  
TELEFAX  
(520) 882-0617

February 13, 2014

**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

Department of Interior  
Bureau of Indian Affairs  
2600 N. Central Ave., 4<sup>th</sup> 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  
Acting Gila Water Commissioner  
P.O. Box 152  
Safford, AZ 85548

Re: 2013 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 Total Water Use 2013."

**Appendices 1 - 1**

Re: 2013 annual report  
February 13, 2014  
Page 2

Sincerely,

A handwritten signature in black ink, appearing to read 'L. Anthony Fines', with a stylized, cursive script.

L. Anthony Fines

LAF:lv  
Enclosure

cc: David Brown  
Lorraine Hollingsworth  
Brent Moody

**Appendices 1 - 2**

# Arizona Irrigation Districts Provisional Total Water Use 2013

## Franklin Irrigation District

FID Subjugated Acres	Not determined by STC
FID TBI Eligible Acres	Not determined by STC
FID TBI (acres)	3,005.26
FID Surface Water (AF)	2,622.49
FID Pumped Water (AF)	10,612.76
FID Total Use for Fallowing (AF)	0.00
FID Total Water (AF)	13,235.25

## Gila Valley Irrigation District

GVID Subjugated Acres	Not determined by STC
GVID TBI Eligible Acres	Not determined by STC
GVID TBI (acres)	23,424.66
GVID Surface Water (AF)	45,897.00
GVID Pumped Water (AF)	73,507.20
GVID Total Use for Fallowing (AF)	0.00
GVID Total Water (AF)	119,404.20

## Arizona Irrigation Districts Totals

Subjugated Acres	Not determined by STC
TBI Eligible Acres	Not determined by STC
TBI (acres)	26,429.92
Surface Water (AF)	48,519.49
Pumped Water (AF)	84,119.96
Total Use for Fallowing (AF)	0.00
Total Water (AF)	132,639.45

The "Pumped Water" number and therefore the "Total Water" number are gross numbers without making the adjustments that will be made when the Settlement Technical Committee has completed its designations.

Pete V. Domenici, Jr.  
pdomenici@domenicilaw.com

Jeanne Cameron Washburn  
jwashburn@domenicilaw.com

Lorraine Hollingsworth  
lhollingsworth@domenicilaw.com

Reed Easterwood<sup>1</sup>  
reasterwood@domenicilaw.com  
Law Clerk, Licensed to practice law in <sup>1</sup>OR

**DOMENICI LAW FIRM, P.C.**

ATTORNEYS AT LAW

320 Gold Avenue SW, Suite 1000  
Albuquerque, New Mexico 87102-3228

(505) 883-6250 Telephone

(505) 884-3424 Facsimile

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March 7, 2014

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

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

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

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

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

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

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

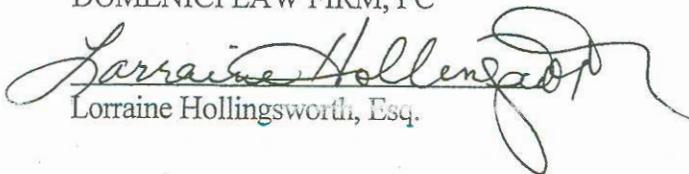
RE: New Mexico Canals 4th Quarter Meter Report and 2013 Annual Report

Dear Sir or Madam:

Enclosed please find a copy of the 4th Quarter Meter Report and the 2013 Annual Report for Sunset Ditch Company and New Mexico New Model.

Sincerely,

DOMENICI LAW FIRM, PC

  
Lorraine Hollingsworth, Esq.

**Appendices 1 - 4**

Encl.

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

**Appendices 1 - 5**

## New Mexico Canals Provisional Adjusted Total Water Use 2013

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)	1,977.24	New Model NM TBI (acres) (Just NM side)	235.94
Sunset Surface Water (AF)	2,993.00	New Model NM Surface Water (AF)	410.20
Sunset Pumped Water (AF)		New Model NM Pumped Water (AF)	873.85
Less Pump Only acres that are limited to 3 acre/feet (38.8 acre * 3 acre/feet and 92.4 that only used a pump but could have had 6 acre/feet)	7,050.74 <u>-670.80</u> 6,379.94		
Sunset Total Use for Fallowing (AF)	0.00	New Model NM Total Use for Fallowing (AF)	0.00
Sunset Total Water (AF)	9,372.94	New Model NM Total Water (AF)	1284.05

### New Mexico Canals Totals

Subjugated Acres	Not determined by STC
TBI Eligible Acres	Not determined by STC
TBI (Acres)	2213.18
Surface Water (AF)	3403.2
Pumped Water (AF)	7253.79
Total Use for Fallowing	
Total Water (AF)	10,656.99

Reports used:	March 2013 Summary of TBI Acres:	Gila Water Commissioner
	December 2013 Well Report:	NM State Engineer
	December 2013 Monthly Surface Water:	Gila Water Commissioner