

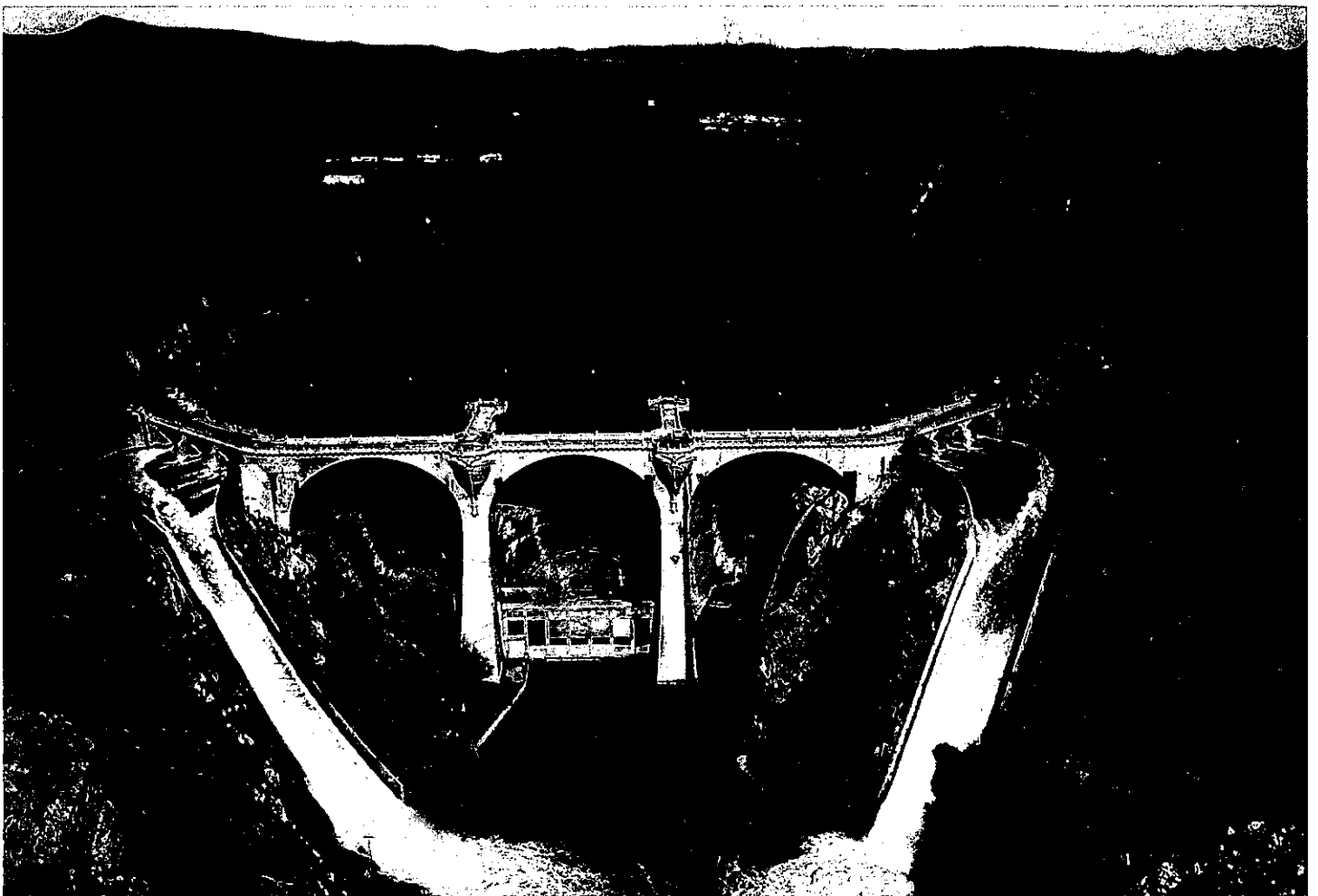
Sixty Ninth - Annual Report

Distribution of Waters of The Gila River

BY THE
GILA WATER COMMISSIONER
DON L. WEESNER

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

2004



SIXTY-NINETH ANNUAL REPORT

2004

DISTRIBUTION OF WATERS OF THE GILA RIVER

by the

GILA WATER COMMISSIONER

D.L. WEESNER

to the

UNITED STATES DISTRICT COURT

Payson, Arizona
May 2, 2005

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 **Sixty-Ninth 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 2004.

Very Truly yours,

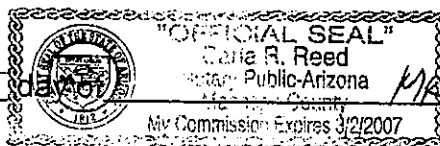

Don L. Weesner
Gila Water Commissioner

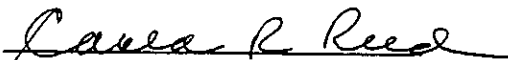
State of Arizona)
) ss:
County of Maricopa)

I, Don L. Weesner, 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 2004, 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 2004.


Don L. Weesner
Gila Water Commissioner

Subscribed and sworn to before me this 2nd day of May, 2005.




Notary Public

My commission expires: 3/2/2007

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PERSONNEL

Don L. Weesner, Gila Water Commissioner	Payson, Arizona
Jon W. Allred, Assistant Water Commissioner	Safford, Arizona
James W. Pavlacky, Water Specialist III	Safford, Arizona
Ferne Rogers, Admin. Assistant	Thatcher, Arizona
Patricia Doyle, Water Specialist II	Safford, Arizona

SOURCES OF DATA

Stream flow data of the Gila River and tributaries, and the San Carlos Reservoir data, except evaporation and rainfall at San Carlos Reservoir, are provided by the United States Geological Survey, Water Resources Division. Nick B. Melcher is the District Chief.

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>

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

The vicinity of Cosper Crossing, in Duncan Valley, Arizona, is monitored daily, during periods that the Gila River is not flowing. The observer of that location is Wilbur Lunt, or his 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, by necessity, follows the natural geographical divisions of the Gila Valley. Decreed acreage for each is as follows:

Duncan-Virden division, known as **Duncan Valley**, includes lands in Hidalgo County, New Mexico and Greenlee County, Arizona, to the extent of 8,061.35 acres; **Safford Valley**, comprises lands in Graham County, Arizona, outside of the San Carlos Reservation, to the extent of 32,512.4 acres; **San Carlos Agency**, above the San Carlos Reservoir boundary with 1,000 acres of rights; **Winkelman Valley**, in Gila and Pinal Counties, Arizona, consists of 1,335.16 decreed acres, of which 440.43 acres have diversion rights from the Gila River, and 894.73 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 102,090.5 acres as follows:

<u>San Carlos Project</u>	<u>Acres</u>
San Carlos Irrigation & Drainage District	50,000
Indian Lands	50,000
Natural Flow Lands	1,544.5
Federal Agencies	546
	102,090.5

The **Gila Crossing District**, under the Pima Agency at Sacaton, Arizona, has return flow rights for 2,992.5 acres.

The Total acreage under the Decree amounts to 147,991.91 acres.

DISTRIBUTION OF WATERS

January 1, 2004, the stored water in the San Carlos Reservoir amounted to 27,288 acre-feet of the 877,697 acre-feet total capacity. December 31, 2004, there was 23,825 acre-feet available stored water, at 2.7 percent of total capacity.

There was apportioned to the **Upper Valleys** for the year 2004, a total of 0.49 acre-feet of water for each acre then being irrigated.

The **San Carlos Irrigation Project** apportioned a total of 0.35 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 141,067 acre-feet.

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 2004, was 173,358 acre-feet. Inflow into the San Carlos Reservoir from the Gila River and the San Carlos River totaled 118,961 acre-feet.

For the year 2004, there was a total of 1,984 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
11/16/03	FLOW	REPORTED			
06/01/04	DRY	REPORTED			
07/27/04	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:

2004	Gila River below Blue Creek (good)*	San Francisco River at Clifton (good)*	Total	Gila at Calva (poor)*	Consumptive use	Accumulated Consumptive use
Jan.	5,512	4,128	9,640	6,883	2,757	2,757
Feb.	5,278	3,894	9,172	8,957	215	2,972
Mar.	28,550	14,337	42,887	19,220	23,667	26,639
Apr.	40,515	20,043	60,558	30,270	30,288	56,927
May	6,528	4,247	10,775	6,829	3,946	60,873
Jun.	1,690	1,714	3,404	832	2,572	63,445
Jul.	1,787	1,670	3,457	1,709	1,748	65,193
Aug.	6,966	3,527	10,493	9,608	885	66,078
Sept.	6,500	2,700	9,200	5,389	3,811	69,889
Oct.	6,113	2,870	8,983	4,514	4,469	74,358
Nov.	7,563	5,465	13,028	7,287	5,741	80,099
Dec.	7,974	9,562	17,536	9,707	7,829	87,928
Totals	124,976	74,157	199,133	111,205	87,928	87,928

2004

UPPER VALLEYS 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.

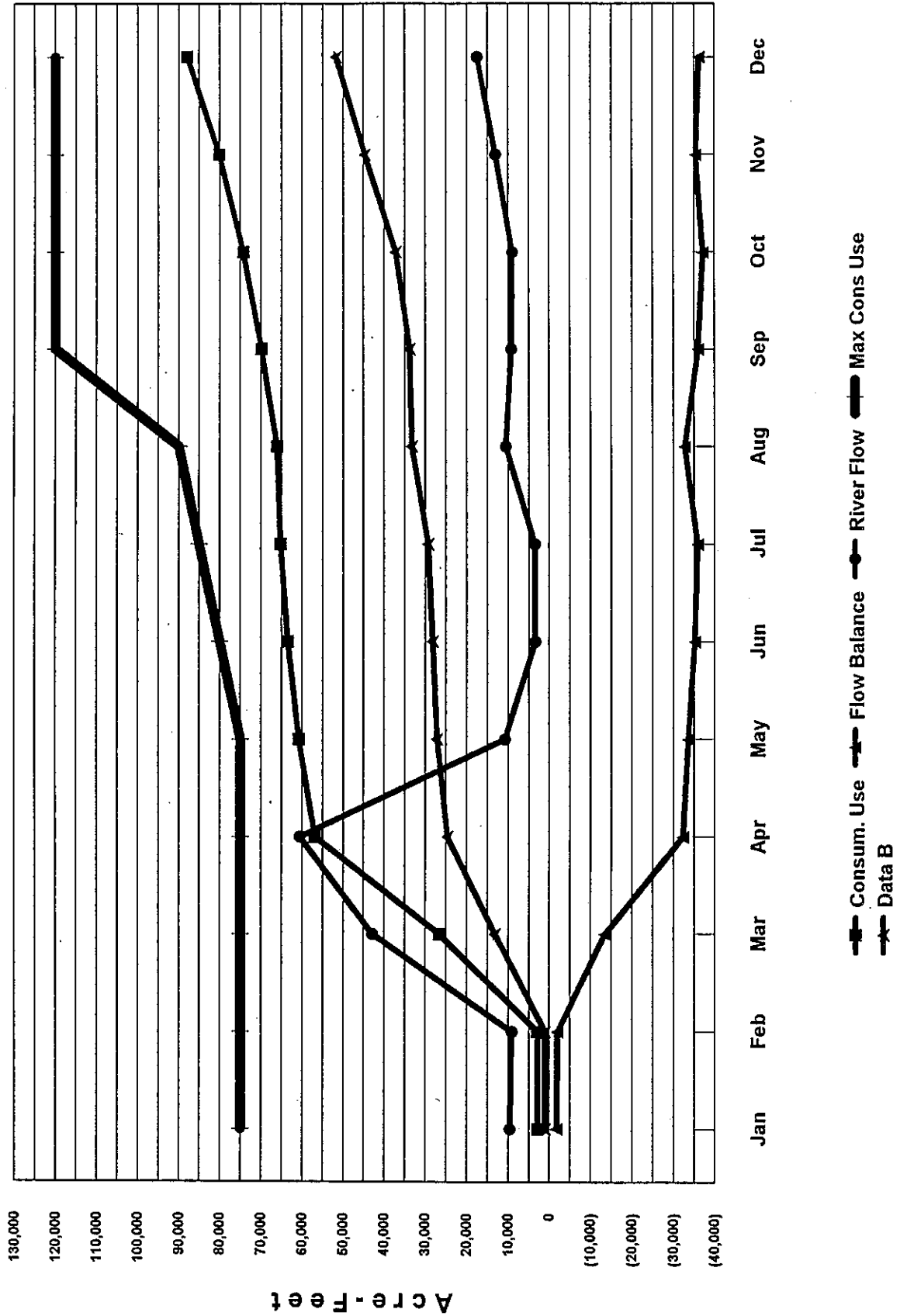
THIS TRACKING METHOD HAS NOT BEEN ADOPTED AS THE ONLY INDICATOR OR GUIDELINE IN PROJECTING ACTUAL CONSUMPTIVE USE under the Gila Decree.

Input data rounded to USGS standards - IN ACRE-FEET

2004 MONTH	CONSUMPTIVE USE		UPPER VALLEYS AND SAN CARLOS APACHE TRIBE		HEAD OF SAFFORD VALLEY		FLOW BALANCE						TOTAL INFLOW G + SF	ACCUM. FLOW BALANCE	MAXIMUM CONSUMPTIVE USE RECOMMENDED
	RESULT	ACCUM. RESULT	DIV'S	ACCUM. DIV'S	GILA RIVER FLOW	GILA R. ACCUM. FLOW	FLOW BALANCE	GILA CALVA	GILA VIRDEN	GILA SAN FRANCISCO CLIFTON	DIV'S				
JAN	2,760	2,760	1,020	1,020	10,980	10,980	(1,740)	6,880	5,510	4,130	1,020	9,640	(1,740)	75000	
FEB	210	2,970	1,020	1,020	10,510	21,490	(210)	8,960	5,280	3,890	1,020	9,170	(1,950)	75000	
MAR	23,670	26,640	12,230	13,240	31,350	52,840	(11,440)	19,220	28,550	14,340	12,230	42,890	(13,390)	75000	
APR	30,290	56,930	11,400	24,640	46,410	99,250	(18,880)	30,270	40,510	20,040	11,400	60,550	(32,270)	75000	
MAY	3,950	60,870	2,560	27,200	9,390	108,630	(1,390)	6,830	6,530	4,250	2,560	10,780	(33,660)	75000	
JUN	2,570	63,440	1,030	28,230	2,640	111,270	(1,540)	830	1,690	1,710	1,030	3,400	(35,200)	80000	
JUL	1,750	65,190	1,060	29,280	4,240	115,510	(690)	1,710	1,790	1,670	1,060	3,460	(35,890)	85000	
AUG	890	66,080	4,000	33,280	12,340	127,860	3,110	9,610	6,970	3,530	4,000	10,500	(32,760)	90000	
SEP	3,810	69,890	570	33,860	8,340	136,200	(3,240)	5,390	6,500	2,700	570	9,200	(36,020)	120000	
OCT	4,470	74,360	3,310	37,160	8,580	144,770	(1,160)	4,510	6,110	2,870	3,310	8,980	(37,180)	120000	
NOV	5,740	80,100	7,530	44,690	11,950	156,730	1,800	7,290	7,560	5,460	7,530	13,020	(35,380)	120000	
DEC	7,830	87,930	7,020	51,710	16,630	173,360	(600)	9,710	7,970	9,560	7,020	17,530	(36,180)	120000	
TOTALS	87,930		51,710		173,360		(36,180)	111,210	124,980	74,160	51,740	199,140			
Graph													Flow Bal	Max Cons Use	

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

2004 Consumptive Use Accum vs. Diversions vs. River Flow



2004

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	5512	5278	28550	40515	6528	1690	1787	6966	6500	6113	7563	7974	124976
Duncan Valley Diversions	183		1514	2411	558	67		352	27	1131	1898	884	9024
Gila River near Clifton	5863	6107	18683	30905	4479	1260	1725	9441	6331	4308	6569	7908	103579
San Fran. River @ Clifton	4128	3894	14337	20043	4247	1714	1670	3527	2700	2870	5465	9562	74157
Gila Solomon	10977	10513	31345	46406	9388	2642	4243	12341	8341	8577	11965	16630	173358
Safford Valley Diversions	836	0	10634	8896	1888	900	1042	3806	545	2176	5610	6039	42177
San Carlos Agency Divs.			76	89	114	58	15	43			20	96	511
Gila Calva	6883	8957	19220	30270	6829	832	1709	9608	5389	4514	7287	9707	111205
San Carlos R. @ Peridot	640	714	4282	278	2		87	91	5			1657	7756
Stored Water	27241	27193	30250	32398	22623	21380	20188	18182	16316	17119	22054	23825	
Gila Below Coolidge Dam	6030	8410	17518	24127	14655	82	60	7076	4710	2337	1195	7588	93888
Winkelman Divs. (Indust)	866	874	908	935	1097	1046	1025	996	978	1018	934	771	11450
Winkelman Divs. (Ag.)													
Gila River @ Kelvin	4404	7613	21249	21805	11669	575	913	7442	3977	911	114	6702	87374
A-H Diversions	3865	6829	17211	20995	12054	85	143	6264	2846	1159		6455	77906
A-H Spilled			1984										1984
A-H Sluiced													
A-H Total	3865	6829	19195	20995	12054	85	143	6264	2846	1159		6455	79890
Loss Kelvin to A-H	539	784	2054	810	-385	490	770	1178	1131	-248	114	247	7484
Sacaton Diversions													

SUMMARY OF THE GILA RIVER SYSTEM

Quantities in Acre-feet

NATURAL FLOW FROM THE GILA RIVER AND TRIBUTARIES

Gila River Below Blue Creek	2004 124,976
San Francisco River at Clifton.....	74,157
San Carlos River near Peridot.....	7,756
Gain from Gila Below Coolidge Dam to Gila at Kelvin.....	-6,514

INFLOWS, SAN CARLOS RESERVOIR

Gila River at Calva plus San Carlos River near Peridot	118,961
--	---------

GILA RIVER BELOW COOLIDGE DAM

.....	93,888
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CONTENTS IN STORAGE, SAN CARLOS RESERVOIR

Available contents January 1, 2004	27,288
Available contents December 31, 2004.....	23,825

WATER DIVERTED FROM THE GILA RIVER

Duncan-Virden Valley canal diversions.....	9,024
Safford Valley canal diversions	42,177
San Carlos Apache Tribe	511
Winkelman Valley Agricultural diversions.....	0
Winkelman Valley industrial and municipal pumps	
ASARCO Incorporated	11,161
Town of Kearny	288
San Carlos Project	
Natural flow Ashurst-Hayden Dam.....	66,696
Stored water Ashurst-Hayden Dam	11,210
Natural flow Sacaton Dam	0
TOTAL DIVERSIONS	141,067

SPILLED AND SLUICED ASHURST-HAYDEN DAM

.....	1,984
-------	-------

SAN CARLOS RESERVOIR

The available stored water in the **San Carlos Reservoir** on January 1, 2004, was 27,288 acre-feet. The maximum storage for the year was on April 22, with 33,614 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 13,573 acre-feet (Plate 49). Computed rainfall on the lake was 2,478 acre-feet (Plate 50). There was bank storage of 17,441 acre-feet for the year (Plate 44).

APPORTIONMENTS MADE DURING 2004

The following apportionments were made to the "**Upper Valleys**" under authority contained in Article VIII of the Decree, and to the Winkelman Valley under authority contained in article IX and X of the Decree:

	Date	TBI Acreage	Acre-feet per acre	Re-apportionment	Accumulated apportionment
1	3/22/04	33,603.43	0.12		0.12
2	4/23/04	33,728.54	0.12		0.24
3	11/28/04	33,943.76	0.20		0.44
4	12/14/04	33,943.76	0.05		0.49
Total Apportionment					0.49

The following apportionments of stored and pumped water were made by the **San Carlos Irrigation Project** based on a total of 100,546.00 decreed acres. TBI is not used by SCIP in its apportionments.

Number	Date	Decreed Acres	Acre-feet per Acre	Accumulated Apportionment	TBI Acreage	TBI Acre-feet per Acre
1	2/9/04	100,546.00	0.35	0.35	38,297.71	0.92
TOTAL						
				0.35	0.92	

SAN CARLOS RESERVOIR MINIMUM POOL

The Court filed an order on August 27, 1999, 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, 2004	24,158
January 31, 2004	23,740
February 28, 2004	23,191
March 31, 2004	22,280
April 30, 2004	21,204
May 31, 2004	19,581
June 30, 2004	17,827
July 31, 2004	16,129
August 31, 2004	14,874
September 30, 2004	13,619
October 31, 2004	12,785
November 30, 2004	12,448
December 31, 2004	12,209

PHELPS DODGE MORENCI, INCORPORATED

Provisional records of pumped flow from Black River and Eagle Creek wells by the Phelps Dodge Corporation as compiled by the United States Geological Survey show the following information with quantities given in acre-feet.

2004	NET BLACK RIVER WATER PUMPED	NET UPPER EAGLE CREEK WATER PUMPED	TOTAL IMPORTED WATER PUMPED	TOTAL P. D. PUMPING FROM S.F. RIVER & EAGLE CREEK BASIN	TOTAL GILA WATERS PUMPED BY PHELPS DODGE
January	384	175	559	786	227
February	369		369	673	304
March	372		372	756	384
April	711	46	757	818	61
May	631	446	1,077	1,107	30
June	319	805	1,124	1,083	
July	47	1,346	1,393	1,142	
August	573	342	915	808	
September	373	537	910	750	
October	615	166	781	780	
November	470		470	512	42
December	390		390	430	40
TOTALS	5,254	3,863	9,117	9,645	1,088
Bypass					0
TOTAL					

Note: There was a slight difference between the data furnished by P. D. and the data furnished by U.S.G.S.

This shows that **1,088 acre-feet** of water in excess of that brought in from Black River and Eagle Creek wells was pumped by Phelps Dodge Morenci from the tributary drainage of the Gila River.

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 2004 have been supplied to the Water Commissioner and summarized on **Plate 5** of the 2004 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 2004. 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 2004

The Seasonal Average Salinity on October 31, 2004 was 1,987 uS/cm. Daily data in support of the above figures can be found in the Water Commissioner's 2004 monthly reports or can be seen at the office of the Gila Water Commissioner.

OFFICE OF THE
GILA WATER COMMISSIONER

HC2 BOX 95-F
PAYSON, ARIZONA 85541

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COMMISSIONER
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UNITED STATES OF AMERICA
vs.
GILA VALLEY IRRIGATION DISTRICT
ET. AL E-59 GLOBE

**GILA RIVER @ GERONIMO STATION
WATER QUALITY DATA
2004**

The following tables for the year 2004 are arranged in the following sequence:

The first column of data is the original data beginning with the first of the year and ending on December 31, 2004.

The second column of data is a comparison of the EC (uS/cm) to flow in a query format utilizing the EC in a descending quantity. This sorts the EC starting from the highest to the lowest and indicating the date and flow rate on which this reading occurred.

The third column of data is a comparison of the flow to EC in a query format utilizing the flow in an ascending quantity. This sorts the flow starting from the lowest to the highest and indicating the date and EC on which this reading occurred.

There are inconsistencies in the EC data which usually happens after a sudden freshet in the Gila River. There are times after sudden freshet when the river flows drop substantially however, the EC will still remain at a low reading. This phenomenon, is caused by the cleansing of the river of salts by the sudden freshet and therefore the EC will remain low for a short period of time thereafter during the following low flows. These readings should be disregarded in any analysis of the query's attached.

See attached graphs.



Don L. Weesner
Gila Water Commissioner

GERONIMO STATION WATER QUALITY REPORT

2004

COMPARISON OF EC TO FLOW
DAILY AVERAGE

DATA SOURCE FOR QUERY

C:\Lotus\Work\123\Fleasdlw\Geronimo\Geron2003.SHEET QU 2003

ORIGINAL DATA

C:\Lotus\Work\123\Fleasdlw\Geronimo\Geronima.2004

DATA FROM CUM AVG GERO

Month	D. Weesener DAY OF MONTH	Q FLOW IN CFS	EC ELECT. COND MICRO-S/CM
1/	1	95.0	1990
1/	2	90.0	2080
1/	3	78.3	2230
1/	4	78.7	2390
1/	5	73.0	2380
1/	6	80.0	2380
1/	7	114.0	2040
1/	8	150.0	1830
1/	9	157.1	1810
1/	10	164.3	1590
1/	11	176.2	1590
1/	12	185.7	1570
1/	13	190.5	1560
1/	14	192.9	1560
1/	15	192.9	1560
1/	16	192.9	1560
1/	17	192.9	1560
1/	18	192.9	1560
1/	19	229.0	1325
1/	20	231.6	1332
1/	21	231.6	1350
1/	22	236.9	1350
1/	23	159.5	1340
1/	24	139.1	1340
1/	25	171.5	1340
1/	26	183.4	1320
1/	27	178.5	1320
1/	28	185.7	1310
1/	29	164.3	1300
1/	30	183.4	1300
1/	31	171.5	1300
2/	1	173.8	1300
2/	2	171.5	1330
2/	3	173.8	1300
2/	4	178.6	1290
2/	5	183.4	1290
2/	6	183.4	1290
2/	7	185.7	1290
2/	8	188.1	1290
2/	9	190.5	1290
2/	10	195.3	1290
2/	11	200.0	1280
2/	12	197.6	1290
2/	13	190.5	1310
2/	14	185.7	1320
2/	15	183.4	1330
2/	16	181.0	1350
2/	17	181.0	1340
2/	18	178.6	1360
2/	19	171.5	1370
2/	20	151.9	1400
2/	21	157.1	1430
2/	22	136.0	1490
2/	23	138.0	1530
2/	24	142.0	1520
2/	25	152.4	1470
2/	26	159.5	1520
2/	27	159.5	1520
2/	28	164.3	1500
2/	29	169.1	1480
3/	1	176.2	1480
3/	2	181.0	1460
3/	3	178.6	1460
3/	4	195.3	1390
3/	5	333.3	1,190
3/	6	480.8	920
3/	7	414.3	1,060
3/	8	202.6	1,240
3/	9	207.9	1,270
3/	10	239.5	1,140
3/	11	350.0	970
3/	12	432.1	770
3/	13	541.6	700
3/	14	627.3	680
3/	15	650.0	700
3/	16	420.0	700
3/	17	420.0	730
3/	18	410.0	780
3/	19	396.0	800
3/	20	425.0	730
3/	21	420.0	800
3/	22	470.0	810
3/	23	495.0	690
3/	24	495.0	720
3/	25	495.0	740
3/	26	465.0	730
3/	27	496.0	740
3/	28	400.0	800
3/	29	358.3	870
3/	30	293.6	950
3/	31	252.9	1,030

QUERY
SORT BY EC HIGH TO LOW 01/1 TO 12/31

Month	D. Weesener DAY OF MONTH	Q FLOW IN CFS	EC ELECT. COND MICRO-S/CM
7/	10	3.2	4880
7/	9	2.8	4880
6/	15	10.5	4850
7/	8	2.2	4800
7/	12	4.7	4780
7/	11	3.8	4740
6/	30	7.3	4710
6/	16	9.3	4700
6/	23	6.3	4690
6/	17	8.3	4670
6/	22	6.0	4660
7/	7	2.2	4600
6/	18	8.0	4580
6/	28	5.3	4580
6/	24	6.3	4530
6/	20	7.3	4510
6/	18	8.6	4490
6/	21	7.3	4440
6/	26	6.3	4430
6/	25	7.0	4340
7/	8	2.4	4250
6/	9	16.9	4080
7/	1	5.7	4070
7/	2	5.0	4060
6/	14	11.4	4030
7/	5	2.6	4000
6/	27	5.7	3920
7/	4	3.0	3920
6/	12	12.7	3880
7/	3	5.3	3880
6/	13	12.3	3830
6/	4	20.0	3830
6/	28	6.6	3800
6/	11	12.7	3710
6/	3	22.1	3670
6/	10	15	3650
7/	24	11.4	3620
6/	5	16.9	3570
7/	23	3.2	3540
6/	8	12.7	3500
7/	25	28.4	3400
6/	6	15.6	3290
10/	24	35.0	3280
7/	22	3.5	3250
10/	23	20.0	3190
6/	1	30.8	3190
6/	7	14.5	3090
5/	30	35.0	2980
5/	31	34.2	2980
10/	22	20.0	2980
5/	27	45.0	2940
10/	28	34.0	2920
7/	21	4.7	2910
10/	25	35.0	2900
5/	29	37.0	2890
5/	28	42.0	2880
6/	2	25.8	2860
5/	26	46.3	2860
10/	21	23.6	2850
7/	15	5.3	2780
10/	27	114.0	2720
5/	25	51.3	2650
10/	20	34.2	2640
5/	23	56.3	2540
5/	24	55.0	2530
7/	26	11.4	2510
5/	22	62.5	2490
5/	21	70.0	2410
1/	4	76.7	2390
1/	6	80.0	2380
1/	5	73.0	2380
5/	20	76.7	2350
5/	19	63.8	2290
7/	20	8.0	2260
1/	3	78.3	2230
9/	20	28.4	2230
10/	19	19.4	2200
5/	18	95.0	2200
9/	18	26.7	2180
9/	2	61.3	2180
9/	21	32.5	2170
9/	18	26.7	2170
9/	23	31.7	2170
5/	17	88.3	2160
9/	22	30.8	2160
5/	25	28.4	2160
5/	16	65.0	2110
9/	25	63.8	2090
9/	1	60.0	2090
9/	17	28.4	2080.0

QUERY
SORT BY FLOW LOW TO HIGH 01/1 TO 12/31

Month	D. Weesener DAY OF MONTH	Q FLOW IN CFS	EC ELECT. COND MICRO-S/CM
7/	29	0.0	870
7/	8	2.2	4800
7/	7	2.2	4600
7/	6	2.4	4250
7/	5	2.6	4000
7/	9	2.8	4880
7/	4	3.0	3920
7/	23	3.2	3540
7/	10	3.2	4880
7/	22	3.5	3250
7/	11	3.8	4740
7/	21	4.7	2910
7/	12	4.7	4780
6/	2	5.0	4080
6/	28	5.3	4580
7/	3	5.3	3880
7/	15	5.3	2780
7/	1	5.7	4070
6/	27	5.7	3920
6/	22	6.0	4660
6/	23	6.3	4690
6/	24	6.3	4530
6/	29	6.3	4430
6/	28	6.6	3800
6/	25	7.0	4340
6/	21	7.3	4440
6/	20	7.3	4510
6/	30	7.3	4710
6/	19	8.0	4580
7/	20	8.0	2280
6/	17	8.3	4670
6/	18	8.6	4490
6/	16	9.3	4700
6/	15	10.5	4850
7/	14	10.9	2030
6/	14	11.4	4030
7/	24	11.4	3620
7/	28	11.4	2510
7/	13	12.3	1000
6/	13	12.3	3830
6/	8	12.7	3500
6/	12	12.7	3880
6/	11	12.7	3710
6/	7	14.5	3090
6/	10	15	3650
6/	8	15.6	3290
6/	19	16.3	1630
6/	5	16.9	3570
6/	9	16.9	4080
10/	19	19.4	2200
10/	22	20.0	2980
6/	4	20.0	3830
10/	23	20.0	3190
6/	3	22.1	3670
10/	21	23.6	2850
6/	2	25.8	2860
9/	18	26.7	2170
9/	19	26.7	2180
9/	25	28.4	2160
9/	17	28.4	2080.0
5/	15	28.4	2030
7/	25	28.4	3400
9/	20	28.4	2230
6/	1	30.8	3190
9/	22	30.8	2160
9/	23	31.7	2170
9/	18	32.5	2040
9/	21	32.5	2170
5/	14	32.5	1970
9/	24	33.3	2080
10/	28	34.0	2920
10/	20	34.2	2640
5/	31	34.2	2980
10/	24	35.0	3280
5/	30	35.0	2980
10/	16	35.0	1970
5/	13	35.0	1930
10/	25	35.0	2900
5/	29	37.0	2890
5/	12	38.0	1980
10/	16	40.0	2020
10/	15	40.0	1970
10/	17	41.0	1970
5/	28	42.0	2880
9/	15	43.0	1920
10/	14	43.0	1910
5/	11	44.0	1920
5/	27	45.0	2940
5/	26	46.3	2860

DATA SOURCE FOR QUERY

2004
COMPARISON OF EC TO FLOW
DAILY AVERAGE

2004 ORIGINAL DATA			
DATA FROM CUM AVG GERO			
Month	D. Weeener	Q	EC
	DAY OF MONTH	FLOW IN CFS	ELECT. COND MICRO-S/CM
4/	1	213.2	1,140
4/	2	185.1	1,200
4/	3	202.6	1,260
4/	4	275.9	1,080
4/	5	512.5	760
4/	6	635.4	640
4/	7	704.5	610
4/	8	820.0	520
4/	9	885.0	510
4/	10	915.0	500
4/	11	1016.0	480
4/	12	1157.0	460
4/	13	1290.0	450
4/	14	1309.0	460
4/	15	1124.0	470
4/	16	867.0	490
4/	17	815.0	500
4/	18	815.0	530
4/	19	703.0	610
4/	20	666.0	620
4/	21	658.0	640
4/	22	600.0	710
4/	23	534.0	800
4/	24	484.0	870
4/	25	424.0	970
4/	26	350.0	1,040
4/	27	273.0	1,150
4/	28	223.7	1,120
4/	29	197.6	1,250
4/	30	169.1	1,300
5/	1	144.0	1,340
5/	2	126.0	1,400
5/	3	120.0	1,490
5/	4	118.0	1,470
5/	5	98.3	1,560
5/	6	95.0	1,540
5/	7	88.3	1,760
5/	8	75.0	1,730
5/	9	67.5	1,730
5/	10	51.3	1,850
5/	11	44.0	1,920
5/	12	38.0	1,980
5/	13	35.0	1,930
5/	14	32.5	1,970
5/	15	28.4	2,030
5/	16	85.0	2,110
5/	17	88.3	2,160
5/	18	95.0	2,200
5/	19	83.8	2,290
5/	20	76.7	2,350
5/	21	70.0	2,410
5/	22	62.5	2,490
5/	23	56.3	2,540
5/	24	55.0	2,530
5/	25	51.3	2,650
5/	26	46.3	2,660
5/	27	45.0	2,940
5/	28	42.0	2,880
5/	29	37.0	2,890
5/	30	35.0	2,980
5/	31	34.2	2,980
6/	1	30.8	3,190
6/	2	25.8	2,860
6/	3	22.1	3,670
6/	4	20.0	3,830
6/	5	16.9	3,570
6/	6	15.6	3,290
6/	7	14.5	3,090
6/	8	12.7	3,500
6/	9	16.9	4,080
6/	10	15	3,650
6/	11	12.7	3,710
6/	12	12.7	3,880
6/	13	12.3	3,830
6/	14	11.4	4,030
6/	15	10.5	4,850
6/	16	9.3	4,700
6/	17	8.3	4,670
6/	18	8.6	4,490
6/	19	8.0	4,580
6/	20	7.3	4,510
6/	21	7.3	4,440
6/	22	6.0	4,660
6/	23	6.3	4,690
6/	24	6.3	4,530
6/	25	7.0	4,340
6/	26	6.6	3,800
6/	27	5.7	3,920
6/	28	5.3	4,580
6/	29	6.3	4,430
6/	30	7.3	4,710

2004 QUERY			
DATA FROM CUM AVG GERO			
Month	D. Weeener	Q	EC
	DAY OF MONTH	FLOW IN CFS	ELECT. COND MICRO-S/CM
9/	24	33.3	2080
1/	2	90.0	2080
1/	7	114.0	2040
9/	18	32.5	2040.0
7/	14	10.9	2030
5/	15	28.4	2030
10/	16	40.0	2020
5/	12	38.0	1980
7/	16	306.7	1980
10/	15	40.0	1970
5/	14	32.5	1970
10/	17	41.0	1970
8/	31	66.3	1970
10/	18	35.0	1970
8/	4	51.3	1960
8/	3	53.8	1960
1/	1	95.0	1950
9/	13	35.0	1930
9/	3	108.0	1920
5/	11	44.0	1920
8/	30	70.0	1920
9/	15	43.0	1920
10/	14	43.0	1910
10/	13	47.5	1870
5/	10	51.3	1850
9/	4	88.3	1850
8/	2	52.5	1840
10/	12	46.3	1820
8/	28	80.0	1780
9/	14	53.8	1760
5/	7	88.3	1760
8/	11	83.8	1730
5/	9	67.5	1730
5/	8	75.0	1730
9/	6	113.0	1690
8/	1	63.8	1680
9/	5	86.7	1660
10/	11	51.3	1640
1/	8	150.0	1630
8/	28	98.3	1630
8/	10	76.7	1630
7/	19	18.3	1630
8/	9	96.7	1610
1/	9	157.1	1610
8/	13	80.0	1610
8/	12	93.3	1600
1/	11	176.2	1590
1/	10	164.3	1590
9/	13	67.5	1590
10/	10	55.0	1580
7/	31	90.0	1570
1/	12	185.7	1570
9/	12	76.7	1570
10/	9	57.5	1560
1/	14	192.9	1560
1/	18	192.9	1560
1/	17	192.9	1560
1/	13	190.5	1560
1/	16	192.9	1560
5/	5	98.3	1560
1/	15	192.9	1560
5/	8	95.0	1540
5/	11	85.0	1540
12/	24	124.0	1540
2/	23	136.0	1530
2/	26	159.5	1520
2/	24	142.0	1520
2/	27	159.5	1520
11/	12	70.0	1520
8/	14	96.7	1510
11/	13	73.0	1510
11/	11	67.5	1510
8/	27	129.0	1500
2/	28	164.3	1500
11/	22	100.0	1500
11/	14	78.3	1490
5/	3	120.0	1490
8/	26	118.0	1490
10/	8	61.3	1490
2/	22	135.0	1490
12/	25	132.0	1490
12/	29	134.0	1480
2/	29	169.1	1480
8/	5	247.4	1480
3/	1	176.2	1480
11/	10	66.3	1480
9/	9	86.7	1470
5/	4	118.0	1470
9/	10	91.7	1470
2/	25	152.4	1470
9/	7	113.0	1450

2004 QUERY			
DATA FROM CUM AVG GERO			
Month	D. Weeener	Q	EC
	DAY OF MONTH	FLOW IN CFS	ELECT. COND MICRO-S/CM
10/	12	46.3	1820
10/	13	47.5	1870
10/	11	51.3	1640
5/	25	51.3	2650
8/	4	51.3	1960
5/	10	51.3	1850
8/	2	52.5	1840
8/	3	53.8	1960
9/	14	53.8	1760
5/	24	55.0	2530
10/	10	55.0	1580
5/	23	56.3	2540
10/	9	57.5	1560
9/	1	60.0	2090
10/	8	61.3	1490
9/	2	61.3	2180
7/	16	62.5	1190
5/	22	62.5	2490
8/	1	63.8	1680
9/	26	63.8	2090
8/	31	66.3	1970
11/	10	66.3	1480
9/	13	67.5	1590
11/	11	67.5	1510
5/	9	67.5	1730
11/	6	67.5	1390
11/	12	70.0	1520
8/	30	70.0	1920
5/	21	70.0	2410
11/	7	70.0	1460
11/	13	73.0	1510
1/	5	73.0	2380
11/	9	75.0	1460
5/	8	75.0	1730
11/	9	75.0	1450
8/	10	76.7	1630
5/	20	76.7	2350
9/	12	76.7	1570
1/	4	76.7	2380
11/	14	78.3	1490
10/	7	78.3	1410
1/	3	78.3	2230
8/	13	80.0	1610
8/	29	80.0	1780
1/	6	80.0	2380
5/	19	83.8	2290
8/	11	83.8	1730
9/	11	85.0	1540
5/	16	85.0	2110
10/	4	86.7	1220
9/	9	86.7	1470
9/	5	86.7	1660
10/	1	88.3	1190
5/	17	88.3	2160
5/	7	88.3	1760
9/	4	88.3	1850
7/	31	90.0	1570
10/	6	90.0	1350
1/	2	90.0	2080
9/	10	91.7	1470
11/	21	93.3	1460
8/	12	93.3	1600
5/	6	95.0	1540
1/	1	95.0	1950
5/	18	95.0	2200
8/	14	96.7	1510
8/	9	96.7	1610
5/	5	98.3	1580
8/	28	98.3	1630
11/	22	100.0	1500
10/	5	100.0	1250
11/	5	102.9	1250
10/	3	102.0	1090
10/	2	104.0	1160
9/	3	108.0	1920
11/	15	110.0	1390
9/	6	112.0	1390
9/	6	113.0	1690
9/	7	113.0	1460
10/	27	114.0	2720
1/	7	114.0	2040
11/	4	116.0	1190
11/	3	116.0	1150
11/	23	118.0	1460
8/	26	118.0	1490
5/	4	118.0	1470
8/	27	120.0	1500
5/	3	120.0	1490
11/	16	120.0	1360
8/	9	122.0	1360
11/	20	122.0	1360

GERONIMO STATION WATER QUALITY REPORT

2004

COMPARISON OF EC TO FLOW
DAILY AVERAGE

DATA SOURCE FOR QUERY

ORIGINAL DATA

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DATA FROM CUM AVG GERO

Month	D. Weeener DAY OF MONTH	Q FLOW IN CFS	EC ELECT. COND MICRO-S/CM
7/	1	5.7	4070
7/	2	5.0	4060
7/	3	5.3	3880
7/	4	3.0	3920
7/	5	2.6	4000
7/	6	2.4	4250
7/	7	2.2	4600
7/	8	2.2	4800
7/	9	2.6	4880
7/	10	3.2	4880
7/	11	3.8	4740
7/	12	4.7	4780
7/	13	12.3	1000
7/	14	10.9	2030
7/	15	5.3	2780
7/	16	306.7	1980
7/	17	195.3	860
7/	18	62.5	1190
7/	19	16.3	1630
7/	20	8.0	2260
7/	21	4.7	2910
7/	22	3.5	3250
7/	23	3.2	3540
7/	24	11.4	3620
7/	25	28.4	3400
7/	26	11.4	2510
7/	27	154.8	1300
7/	28	0.0	870
7/	29	255.9	1160
7/	30	136.0	1270
7/	31	90.0	1570
8/	1	63.8	1680
8/	2	52.5	1840
8/	3	53.8	1960
8/	4	51.3	1960
8/	5	247.4	1480
8/	6	190.5	830
8/	7	124.0	1030
8/	8	122.0	1380
8/	9	98.7	1610
8/	10	76.7	1630
8/	11	83.8	1730
8/	12	93.3	1800
8/	13	80.0	1610
8/	14	96.7	1510
8/	15	215.8	1410
8/	16	439.3	830
8/	17	880.0	780
8/	18	846.0	570
8/	19	924.0	520
8/	20	790.0	640
8/	21	358.3	740
8/	22	231.6	890
8/	23	200.0	1110
8/	24	148.0	1280
8/	25	150.0	1370
8/	26	118.0	1490
8/	27	120.0	1500
8/	28	98.3	1630
8/	29	80.0	1780
8/	30	70.0	1920
8/	31	66.3	1970
9/	1	80.0	2080
9/	2	61.3	2180
9/	3	108.0	1920
9/	4	88.3	1850
9/	5	86.7	1660
9/	6	113.0	1690
9/	7	113.0	1460
9/	8	112.0	1390
9/	9	66.7	1470
9/	10	91.7	1470
9/	11	85.0	1540
9/	12	76.7	1570
9/	13	67.5	1590
9/	14	53.8	1760
9/	15	43.0	1920
9/	16	32.5	2040.0
9/	17	28.4	2080.0
9/	18	26.7	2170
9/	19	26.7	2180
9/	20	28.4	2230
9/	21	32.5	2170
9/	22	30.8	2160
9/	23	31.7	2170
9/	24	33.3	2080
9/	25	28.4	2180
9/	26	63.8	2090
9/	27	663.6	910
9/	28	709.1	490
9/	29	223.7	710
9/	30	130.0	930

SORT BY EC HIGH TO LOW 01H TO 1231

DATA FROM CUM AVG GERO QUERY

Month	D. Weeener DAY OF MONTH	Q FLOW IN CFS	EC ELECT. COND MICRO-S/CM
11/	23	118.0	1460
11/	8	75.0	1460
3/	3	178.6	1,460
12/	23	126.0	1460
11/	7	70.0	1460
11/	21	93.3	1460
3/	2	181.0	1,460
12/	26	144.0	1450
11/	9	75.0	1450
12/	30	166.7	1450
10/	28	316.7	1440
12/	28	142.0	1440
12/	27	144.0	1440
2/	21	157.1	1430
8/	15	215.8	1410
10/	7	78.3	1410
2/	20	151.9	1400
5/	2	126.0	1400
9/	8	112.0	1390
3/	4	195.3	1,390
11/	15	110.0	1390
11/	6	67.5	1390
2/	19	171.5	1370
8/	25	150.0	1370
2/	18	178.6	1360
11/	16	120.0	1360
8/	6	122.0	1360
11/	20	122.0	1360
1/	22	236.9	1350
1/	21	231.6	1350
11/	19	132.0	1350
2/	16	181.0	1350
10/	6	90.0	1350
12/	22	185.7	1350
12/	21	183.4	1340
2/	17	181.0	1340
5/	1	148.0	1340
1/	23	159.5	1340
1/	24	139.1	1340
1/	25	171.5	1340
1/	20	231.6	1332
2/	15	183.4	1330
2/	2	171.5	1330
1/	19	229.0	1325
1/	27	178.5	1320
11/	18	128.0	1320
2/	14	185.7	1320
12/	19	169.1	1320
1/	26	183.4	1320
2/	13	190.5	1310
1/	28	185.7	1310
12/	20	185.7	1310
4/	30	169.1	1,300
2/	1	173.8	1300
7/	27	154.8	1300
1/	31	171.5	1300
1/	30	183.4	1300
1/	28	183.4	1300
1/	29	164.3	1300
2/	3	173.8	1300
2/	9	173.8	1300
2/	8	183.4	1290
10/	30	192.9	1290
2/	10	195.3	1290
2/	9	190.5	1290
2/	6	183.4	1290
2/	7	185.7	1290
2/	5	183.4	1290
12/	20	185.7	1310
1/	12	185.7	1570
2/	8	188.1	1290
4/	2	188.1	1,200
10/	29	200.0	1290
8/	6	190.5	830
1/	13	190.5	1560
2/	13	190.5	1310
2/	8	190.5	1290
1/	14	192.9	1560
1/	16	192.9	1560
1/	15	192.9	1560
10/	30	192.9	1290
1/	18	192.9	1560
12/	18	192.9	1260
1/	17	192.9	1560
2/	10	195.3	1290
3/	4	195.3	1,390
7/	17	195.3	860
2/	12	197.6	1290
4/	29	197.6	1,250
8/	23	200.0	1110
2/	11	200.0	1280
3/	8	202.6	1,240
4/	3	202.6	1,260
12/	15	205.3	1250
12/	17	205.3	1,240
12/	14	205.3	1,240
11/	2	126.0	1230
12/	13	210.5	1230
10/	4	86.7	1220
12/	16	218.4	1220
12/	12	215.8	1210
12/	31	414.3	1210
4/	2	166.1	1,200
3/	5	333.3	1,190

SORT BY FLOW LOW TO HIGH 01H TO 1231

DATA FROM CUM AVG GERO QUERY

Month	D. Weeener DAY OF MONTH	Q FLOW IN CFS	EC ELECT. COND MICRO-S/CM
12/	24	124.0	1540
8/	7	124.0	1030
5/	2	126.0	1400
12/	23	126.0	1460
11/	2	126.0	1230
11/	18	126.0	1320
9/	30	130.0	930
12/	25	132.0	1490
11/	19	132.0	1350
12/	28	134.0	1480
7/	30	136.0	1270
11/	1	136.0	1250
2/	22	136.0	1490
2/	23	136.0	1530
1/	24	139.1	1340
12/	28	142.0	1440
2/	24	142.0	1520
11/	17	144.0	1240
12/	27	144.0	1440
12/	26	144.0	1450
8/	24	146.0	1280
10/	31	148.0	1170
5/	1	148.0	1340
1/	8	150.0	1630
8/	25	150.0	1370
2/	20	151.9	1400
2/	25	152.4	1470
7/	27	154.8	1300
1/	9	157.1	1610
2/	21	157.1	1430
2/	27	159.5	1520
1/	23	159.5	1340
2/	29	159.5	1520
2/	28	164.3	1500
1/	29	164.3	1300
1/	10	164.3	1590
12/	30	166.7	1450
4/	30	169.1	1,300
2/	29	169.1	1480
12/	19	169.1	1320
2/	19	171.5	1370
1/	25	171.5	1340
2/	2	171.5	1330
1/	31	171.5	1300
2/	1	173.8	1300
2/	3	173.8	1300
3/	1	176.2	1,480
1/	11	176.2	1390
1/	27	178.5	1320
3/	3	178.6	1,460
2/	4	178.6	1290
2/	18	178.6	1360
3/	2	181.0	1,460
2/	18	181.0	1350
2/	17	181.0	1340
2/	15	183.4	1330
1/	28	183.4	1320
12/	21	183.4	1340
1/	30	183.4	1300
2/	8	183.4	1290
2/	5	183.4	1290
12/	22	185.7	1350
2/	7	185.7	1290
1/	28	185.7	1310
2/	14	185.7	1320
12/	20	185.7	1310
1/	12	185.7	1570
2/	8	188.1	1290
4/	2	188.1	1,200
10/	29	188.1	1290
8/	6	190.5	830
1/	13	190.5	1560
2/	13	190.5	1310
2/	8	190.5	1290
1/	14	192.9	1560
1/	16	192.9	1560
1/	15	192.9	1560
10/	30	192.9	1290
1/	18	192.9	1560
12/	18	192.9	1260
1/	17	192.9	1560
2/	10	195.3	1290
3/	4	195.3	1,390
7/	17	195.3	860
2/	12	197.6	1290
4/	29	197.6	1,250
8/	23	200.0	1110
2/	11	200.0	1280
3/	8	202.6	1,240
4/	3	202.6	1,260
12/	15	205.3	1250
12/	17	205.3	1,240

GERONIMO STATION WATER QUALITY REPORT
2004

COMPARISON OF EC TO FLOW
DAILY AVERAGE

DATA SOURCE FOR QUERY

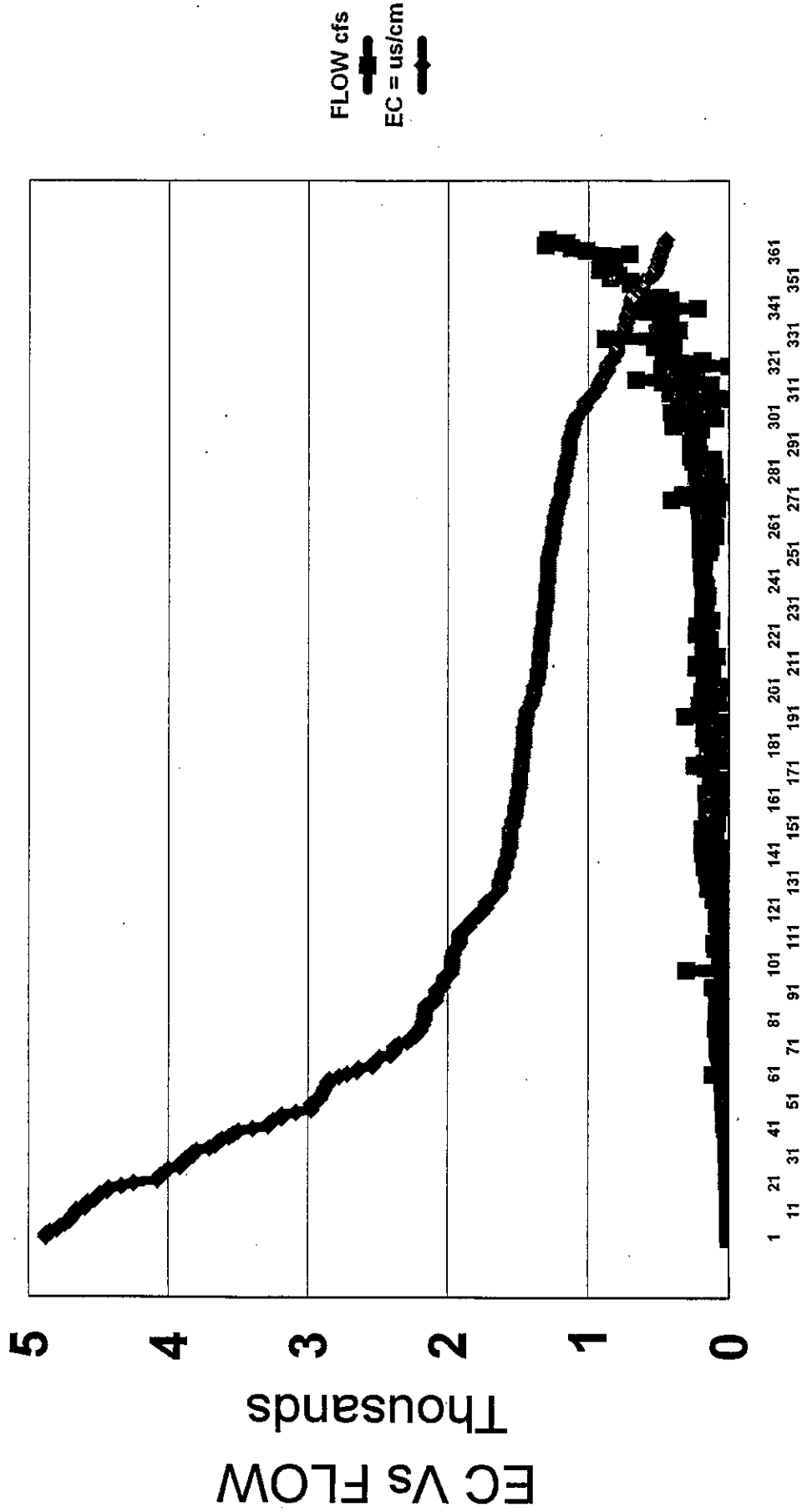
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DATA FROM CUM AVG GERO			
Month	D. Weesner	Q	EC
	DAY OF MONTH	FLOW IN CFS	ELECT. COND MICRO-S/CM
2004			
10/	1	84.3	1190
10/	2	104.0	1160
10/	3	102.0	1090
10/	4	86.7	1220
10/	5	100.0	1250
10/	6	90.0	1350
10/	7	78.3	1410
10/	8	61.3	1490
10/	9	57.5	1560
10/	10	55.0	1580
10/	11	51.3	1640
10/	12	46.3	1820
10/	13	47.5	1870
10/	14	43.0	1910
10/	15	40.0	1970
10/	16	40.0	2020
10/	17	41.0	1970
10/	18	35.0	1970
10/	19	19.4	2200
10/	20	34.2	2640
10/	21	23.6	2850
10/	22	20.0	2980
10/	23	20.0	3190
10/	24	35.0	3280
10/	25	35.0	2900
10/	26	34.0	2920
10/	27	114.0	2720
10/	28	316.7	1440
10/	29	166.1	1290
10/	30	192.9	1290
10/	31	148.0	1170
11/	1	136.0	1250
11/	2	126.0	1230
11/	3	116.0	1150
11/	4	116.0	1190
11/	5	102.0	1250
11/	6	67.5	1390
11/	7	70.0	1460
11/	8	75.0	1460
11/	9	75.0	1450
11/	10	66.3	1480
11/	11	67.5	1510
11/	12	70.0	1520
11/	13	73.0	1510
11/	14	78.3	1490
11/	15	110.0	1390
11/	16	120.0	1380
11/	17	144.0	1240
11/	18	128.0	1320
11/	19	132.0	1350
11/	20	122.0	1360
11/	21	93.3	1460
11/	22	100.0	1500
11/	23	116.0	1460
11/	24	400.0	1110
11/	25	383.3	900
11/	26	316.7	930
11/	27	275.9	1030
11/	28	252.9	1100
11/	29	252.9	1120
11/	30	221.1	1140
12/	1	223.7	1140
12/	2	221.1	1140
12/	3	207.9	1160
12/	4	207.9	1170
12/	5	215.8	1180
12/	6	218.4	1190
12/	7	236.9	1180
12/	8	273.0	1140
12/	9	273.0	1100
12/	10	239.5	1130
12/	11	231.6	1170
12/	12	215.8	1210
12/	13	210.5	1230
12/	14	205.3	1240
12/	15	205.3	1250
12/	16	218.4	1220
12/	17	205.3	1240
12/	18	192.9	1260
12/	19	169.1	1320
12/	20	185.7	1310
12/	21	183.4	1340
12/	22	185.7	1350
12/	23	126.0	1460
12/	24	124.0	1540
12/	25	132.0	1490
12/	26	144.0	1450
12/	27	144.0	1440
12/	28	142.0	1440
12/	29	134.0	1480
12/	30	166.7	1450
12/	31	414.3	1210

SORT BY EC HIGH TO LOW			
DATA FROM CUM AVG GERO			
QUERY			
Month	D. Weesner	Q	EC
	DAY OF MONTH	FLOW IN CFS	ELECT. COND MICRO-S/CM
2004			
11/	16	62.5	1190
12/	6	218.4	1190
10/	1	84.3	1190
11/	4	116.0	1190
12/	7	236.9	1180
12/	5	215.8	1180
12/	4	207.9	1170
10/	31	148.0	1170
12/	11	231.6	1170
10/	2	104.0	1160
12/	3	207.9	1160
7/	29	255.9	1160
11/	3	116.0	1150
4/	27	273.0	1150
4/	1	213.2	1140
11/	30	221.1	1140
12/	1	223.7	1140
12/	2	221.1	1140
12/	8	273.0	1140
3/	10	239.5	1140
12/	10	239.5	1130
4/	26	223.7	1120
11/	29	252.9	1120
8/	23	200.0	1110
11/	24	400.0	1110
12/	9	273.0	1100
11/	28	252.9	1100
10/	3	102.0	1090
4/	4	275.9	1080
3/	7	414.3	1080
4/	26	350.0	1040
11/	27	275.9	1030
3/	31	252.9	1030
8/	7	124.0	1030
7/	13	12.3	1000
3/	11	350.0	970
4/	25	424.0	970
3/	30	293.6	950
11/	26	316.7	930
9/	30	130.0	930
3/	6	480.8	920
9/	27	663.6	910
11/	25	383.3	900
8/	22	231.6	890
3/	29	358.3	870
4/	24	484.0	870
7/	26	0.0	870
7/	17	195.3	860
8/	6	190.5	830
8/	16	439.3	830
3/	22	470.0	810
3/	21	420.0	800
3/	28	400.0	800
4/	23	534.0	800
3/	19	396.0	800
3/	18	410.0	780
8/	17	880.0	780
3/	12	432.1	770
4/	5	512.5	760
8/	21	358.3	740
3/	25	495.0	740
3/	27	496.0	740
3/	26	465.0	730
3/	17	420.0	730
3/	20	425.0	730
3/	24	495.0	720
4/	22	600.0	710
9/	28	223.7	710
3/	13	541.6	700
3/	15	650.0	700
3/	16	420.0	700
3/	23	495.0	690
3/	14	627.3	690
4/	6	635.4	640
4/	21	656.0	640
4/	20	666.0	620
4/	19	703.0	610
4/	7	704.5	610
8/	18	846.0	570
8/	20	790.0	540
4/	18	815.0	530
8/	18	924.0	520
4/	8	820.0	520
4/	9	885.0	510
4/	10	915.0	500
4/	17	815.0	500
4/	16	867.0	490
4/	28	709.1	490
4/	11	1016.0	480
4/	15	1124.0	470
4/	14	1309.0	460
4/	12	1157.0	460
4/	13	1290.0	450

SORT BY FLOW LOW TO HIGH			
DATA FROM CUM AVG GERO			
QUERY			
Month	D. Weesner	Q	EC
	DAY OF MONTH	FLOW IN CFS	ELECT. COND MICRO-S/CM
2004			
12/	14	205.3	1240
12/	3	207.9	1160
3/	9	207.9	1270
12/	4	207.9	1170
12/	13	210.5	1230
4/	1	213.2	1140
8/	15	215.8	1410
12/	5	215.8	1180
12/	12	215.8	1210
12/	6	218.4	1190
12/	16	218.4	1220
12/	2	221.1	1140
11/	30	221.1	1140
12/	1	223.7	1140
9/	28	223.7	1170
9/	29	223.7	710
1/	19	229.0	1325
8/	22	231.6	890
1/	21	231.6	1350
1/	20	231.6	1332
12/	11	231.6	1170
12/	7	236.9	1180
1/	22	236.9	1350
3/	10	239.5	1140
12/	10	239.5	1130
8/	5	247.4	1480
11/	29	252.9	1120
3/	31	252.9	1030
11/	28	252.9	1100
7/	29	255.9	1160
12/	9	273.0	1100
12/	8	273.0	1140
4/	27	273.0	1150
11/	27	275.9	1030
4/	4	275.9	1080
3/	30	293.6	950
7/	16	306.7	1980
10/	28	316.7	1440
11/	28	316.7	930
3/	5	333.3	1180
4/	26	350.0	1040
3/	11	350.0	970
8/	21	358.3	740
3/	29	358.3	870
11/	25	383.3	900
3/	19	396.0	800
11/	24	400.0	1110
3/	28	400.0	800
3/	18	410.0	780
12/	31	414.3	1210
3/	7	414.3	1060
3/	17	420.0	730
3/	18	420.0	700
3/	21	420.0	800
4/	25	424.0	970
3/	20	425.0	730
3/	12	432.1	770
8/	18	439.3	830
3/	28	465.0	730
3/	22	470.0	810
3/	8	480.8	920
4/	24	484.0	870
3/	25	495.0	740
3/	23	495.0	890
4/	27	496.0	740
4/	5	512.5	760
4/	21	635.4	640
4/	20	666.0	620
4/	19	703.0	610
4/	7	704.5	610
9/	28	709.1	490
8/	20	790.0	540
4/	17	815.0	500
4/	18	815.0	530
4/	8	820.0	520
8/	18	846.0	570
4/	16	867.0	490
8/	17	880.0	780
4/	9	885.0	510
4/	10	915.0	500
4/	11	1016.0	480
4/	15	1124.0	470
4/	14	1309.0	460
4/	12	1157.0	460
4/	13	1290.0	450
4/	14	1309.0	480

GERONIMO / QUERY EC VS. FLOW DECENDING EC

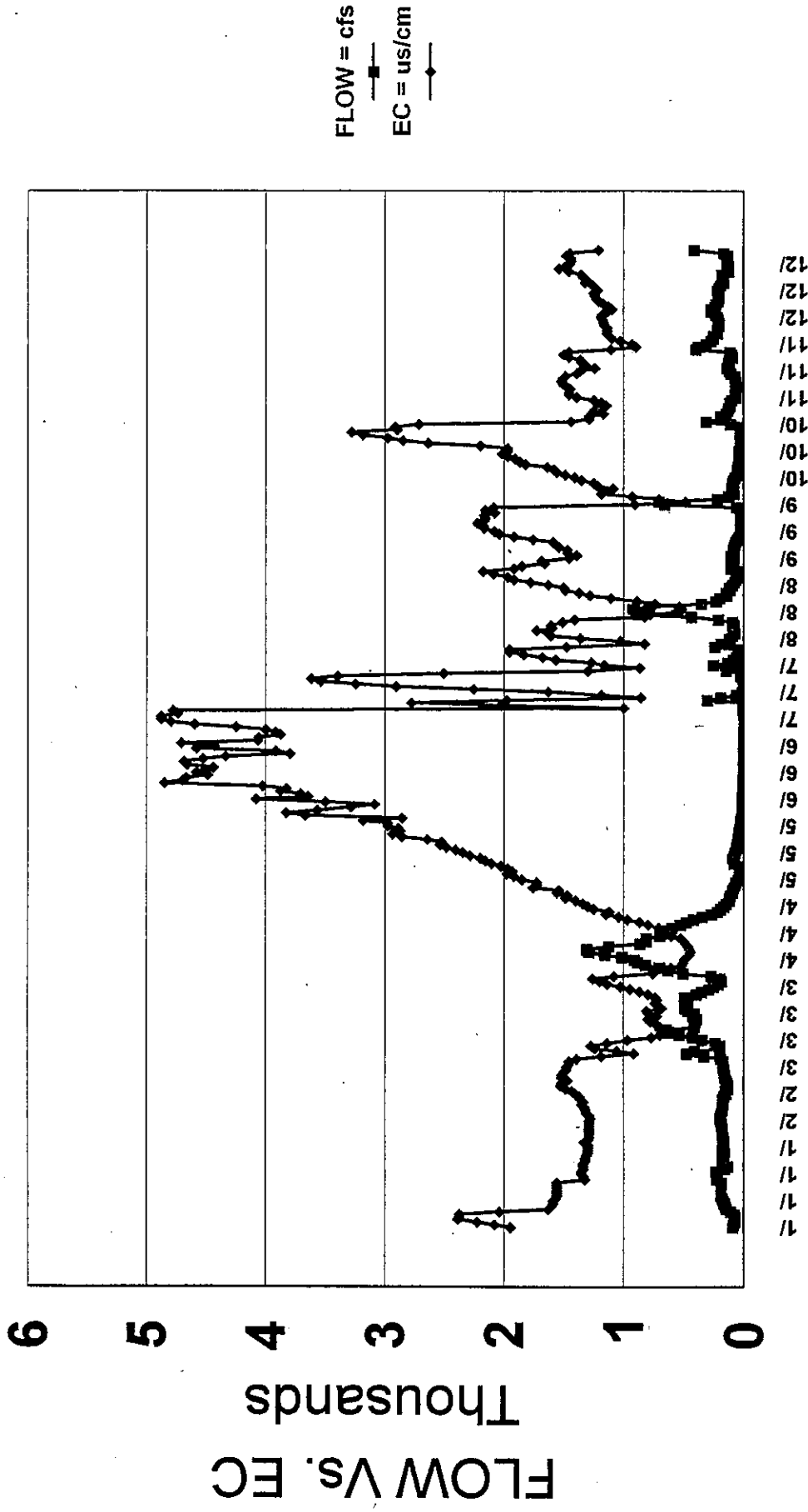
2004



PERIOD IN DAYS 2004

GERONIMO STATION 2004

GILA RIVER FLOWS VS. EC



MONTH OF YEAR 2004

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.

On March 17, 2005, the Gila Valley Irrigation District notified the Commissioner's Office in their letter dated March 15, 2005, that no actions were taken by the G.V.I.D to improve the water quality in the Gila River during the year 2004.

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 2004), 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 2004.

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	28.85	18.26	3.75	0.00	0.21	0.00	0.00	22.22
Safford Valley	323.46	227.52	1.72	2.10	3.61	26.77	0.00	261.72
Lower Valley SCIDD	6.51	3.34	0.00	0.00	0.00	0.00	0.00	3.34
TOTAL	358.82	249.12	5.47	2.10	3.82	26.77	0.00	287.27

The percent of Small Parcel TBI decreed lands irrigated in 2004 was 80.0 percent of the total Small Parcel decreed lands submitted to the Commissioner's Office in 2004.

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GILA WATER COMMISSIONER
Donald L. Weesner
HC2 Box 95-F
Payson, AZ 85441
Telephone (928) 478-4039

**IN THE UNITED STATES DISTRICT COURT
FOR THE DISTRICT OF ARIZONA**

UNITED STATES OF AMERICA,

Plaintiff,

and

GILA RIVER INDIAN COMMUNITY,

Plaintiff in
Intervention,

and

SAN CARLOS APACHE TRIBE,

Plaintiff in
Intervention

Vs.

**GILA VALLEY IRRIGATION
DISTRICT, ET AL.,**

Defendants.

CV31-59-TUC-SRB
aka: GLOBE EQUITY NO.59

(Assigned to the Honorable
Susan R Bolton)

**REPORT OF GILA WATER
COMMISSIONER OF ACTIONS
TAKEN TO RESOLVE VIOLATIONS
OF "THEN BEING IRRIGATED" (TBI)**

**REGULATIONS IN CALENDAR
YEAR 2004**

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

1 The Commissioner is authorized by the regulations to informally resolve
2 violations as outlined in Section 4.2 of the Regulations.

3 A written summation of the action taken by the Commissioner to resolve
4 such violations and the penalty consented to is to be filed with the Court within
5 sixty (60) days thereof and shall be included in the monthly report next
6 published by the Commissioner after such sixty (60) days has elapsed and in
7 the annual report filed with the Court. A copy of the cease and desist orders
8 and consents thereto shall be kept in the records of the Commissioner for
9 three (3) years from the date of filing with the Court.

10 Pursuant to the Commissioner's audit of lands under the Gila Decree,
11 violations of the TBI regulations in calendar year 2004 were determined and
12 resolved as follows:

13 SEE ATTACHEMENT "A" FOR SUMMATION OF VIOLATIONS AND
14 RESOLUTIONS THEREOF:

15 Respectfully submitted this 8th day of April 2005

16
17 BY: 

18 Don L. Weesner
19 GILA WATER COMMISSIONER

20 ORIGINAL AND TWO COPIES of the foregoing mailed this 8 day of ~~March~~^{April} 2005 to:

21 Mr. Richard Weare
22 Clerk, United States District Court
23 401 West Washington
24 Phoenix AZ 85003

25 TWO COPIES of the foregoing mailed this 8 day of ~~March~~^{April} 2005 to:

Honorable Susan R. Bolton
Judge, United States District Court
401 West Washington
Phoenix AZ 85003

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C:\md\coWF\tbiviolaions\2004annualreporttpcourt.doc

MAILING CERTIFICATE

COPY of the foregoing mailed the above date to:

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U.S. Dept. of Justice
Environment & Natural Resources Div.
Indian Resources Section
P.O. Box 44378
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John H. Ryley, Esq.
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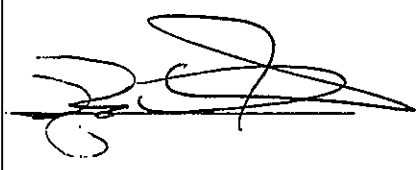
1 Lee H. Storey, Esq.
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2 Moyes Storey
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3 Phoenix, AZ 85004

4 Daniel Jackson, Esq.
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Department of the Interior
5 Suite 404
Sandra Day O'Conner U.S. Courthouse
6 401 W. Washington St. SPC 44
Phoenix, AZ 85003-2151

7 Rodney B. Lewis, Esq.
8 John T. Hestand, Esq.
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9 P. O. Box 5090
Chandler, AZ 85226

10 Mr. Don L. Weesner
Gila Water Commissioner
11 HC 2 Box 95F
Payson, AZ 85541

12 Brent F. Moody P.C.
13 4806 North 35th Place
Phoenix AZ 85018-3468

14 
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(Rev. 4/04/05)

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Attachment "A"

According to the Commissioner's 2004 audits the following is a summary of findings according to the Regulations for reporting and Auditing Lands "Then Being Irrigated" "TBI":

Franklin Valley Irrigation District:

All parcels in the District reviewed by Satellite Images.

2004 Decreed Acres Reported:	6,864.65
2004 TBI Acres Reported:	5,741.63
TBI Acres audited:	1,390.67

Owner Notified via Letter of Possible Violation: 373.00 Acres

Based on Satellite Image: 0.00 acres

Based on Physical audit: 373.00 acres

Resulting in:

70.90 Acres Filed Supplement

30.10 Acres Filed Affidavit

No Violations

Percent audited for 2004: 24%

Gila Valley Irrigation District

All parcels in the District reviewed by Satellite Images

2004 Decreed Acres Reported:	32,512.40
2004 TBI Acres Reported:	28,202.13
TBI Acres audited:	7,447.38

Owner Notified via Letter of Possible Violation: 4,641.14 Acres

Based on Satellite Image: 1,247.33 acres

Based on Physical audit: 3,393.81 acres

Resulting in

2,559.22 Acres Filed supplement

2,041.62 Acres Filed affidavit

40.30 Acres of Possible Violations

40.30 Acres Resolved

0.00 Ac/Ft Payback and Duty

Percent audited for 2004: 26%

San Carlos Irrigation & Drainage District

All parcels in the District reviewed by Satellite Images

2004 Decreed Acres Reported:	50,000.00
2004 TBI Acres Reported:	20,671.11
TBI Acres audited:	6,990.54

Owner Notified via Letter of Possible Violation: 4277.89 Acres

Based on Water Card 197.35 acres

Based on Satellite Image: 317.00 acres

based on Physical audit: 3,765.29 acres

Resulting in:

1,417.95 Acres Filed supplement

1,851.69 Acres Filed affidavit

1,008.25 Acres in Possible Violation

603.25 Acres Resolved

405.00 Acres in Violation

729.00 ac ft. Payback and Duty

Percent audited for 2004: 27%

Gila River Indian Community

All parcels in the District reviewed by Satellite Images

2004 Decreed Acres Reported:	50,546.00
2004 TBI Acres Reported:	17,626.30
TBI Acres audited:	11,718.17

Owner Notified via Letter of Possible Violation: 10,388.06 Acres

Based on Satellite Image: 8,471.46 acres (partial planting)

Based on Physical audit: 1,960.60 acres

Resulting in:

2,360.49 Filed supplement

8,027.57 Filed affidavit

No Violations

Percent audited for 2004: 55%

San Carlos Apache Tribe

All parcels in the District reviewed by Satellite Images

2004 Decreed Acres Reported:	1,000.00
2004 TBI Acres Reported:	270.00
TBI Acres audited:	270.00

Owner Notified via Letter of Possible Violation: 85.80 Acres
 Based on Physical audit: 85.80 Acres

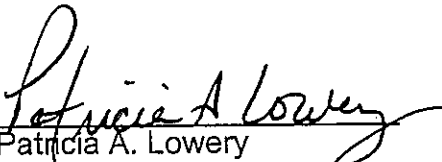
Resulting in:
 85.80 Filed Supplemental from removing lands as "TBI".
 No Violations
 Percent audited for 2004: 100%

ARSARCO INC. AGRICULTURAL LANDS: (J. J. Anderson Lands)

All parcels in the District reviewed by Satellite Images

2004 Decreed Acres Reported:	214.87
2003 TBI Acres Reported:	0.00
TBI Acres audited:	0.00

No Violations



Patricia A. Lowery
Water Specialist

4-8-05

Date



Jon W. Allred
Assistant Water Commissioner

4-8-05

Date

2004
COURT ORDERS

<u>Date of Order</u>	<u>Order</u>
01/09/2004	Order denying the Following Motions as Moot: San Carlos Apache Tribes Motion for Expedited Consideration of Motion for Preliminary Injunction, The San Carlos Irrigation District Request for Hearing on Motion for Summary Judgement, and a Request for Status Conference; it is also Ordered Denying The San Carlos Apache Tribes Motion to Strike Motion for Status Conference; Further Ordered Setting Hearing to Discuss Status of Complaint re: Pumping and Whether it Should be deferred pending Outcome of Settlement, Whether an Evidentiary Hearing Should Be Set on SCAR Motion for Preliminary Injunction, Whether SCAR's Motion for Partial Summary Judgement Should be Heard.
01/16/2004	Order Setting Date for Objections to Water Commissioner's 4 th Quarter 2003 Attorney Fees
01/16/2004	Ordered The Agenda for Discussion at the January 29, 2004 Status Hearing be Amended to Include: The GWC's Request for Order Referring Implementation of SCAR's 2003 Cap Exchange to the Court for Resolution, and Setting Briefing Schedule and Hearing Date for Petition of GWC for Order Directing the Town of Kearny to Cease Diversions From the Gila River
02/11/2004	Order Extending Time For Response to GRIC'S Request Regarding Proposed Findings of Fact and Conclusions of Law
02/17/2004	Order Approving Water Commissioner's 4 th Quarter 2003 Attorney Fees.
03/19/2004	Order Granting GRIC's Motion for Timely Consideration and Denying The Motion for an Order Scheduling the Next State of the Pumping Complaint. The San Carlos Apache Tribe's Motion for Preliminary Injunction Is Denied Without Prejudice.
04/19/2004	Order Setting Date for Objections to Water Commissioner's 1 st Quarter 2004 Attorney Fees
05/24/2004	Order Approving Water Commissioner's 1 st Quarter 2004 Attorney
06/04/2004	Ordering That The Town of Kearny and/or ASARCO File a Reply to the Response Filed by San Carlos Apache Tribe and The United States of America
06/15/2004	Order Granting Apache Tribe's Motion For Extension of Time
06/16/2004	Order Granting Apache Tribe's Motion To Exceed Page Limitation
06/22/2004	Order Granting Apache Tribe's Motion to Exceed Page Limitation

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06/22/2004 Order Approving Temporary Change in Point of Diversion and Place of Use of ASARCO Incorporated's Municipal and Industrial Water Rights in Calendar Year 2004

06/22/2004 Order Granting Kearny and ASARCO's Motion for Temporary Change in Point of Diversion and Place of Use of ASARCO Incorporated's Water Rights In Calendar Year 2004. **FURTHER ORDERING:** This Transfer is Only for Water Year 2004 and Will Not be Approved for Subsequent Years: Kearny Will Use Temporarily Transferred ASARCO Priority Rights in Strict Compliance
 With the Gila Decree: The Amount of ASARCO Water Diverted by Kearny Shall Be Deducted From Diversions ASARCO Would Otherwise Have Been Able To Make in 2004: Approval and Implementation of the Transfer Does not Impact or Change any Water Rights, Storage Rights or Apportionment Right Under The Gila Decree: Neither Concurrence of Any Other Party to This Litigation Nor The Grant of Kearny and ASARCO's Motion Shall Create and Precedent or Constitute an Admission for any Future Proceedings Under the Decree: **IT IS FURTHER ORDERED:** Denying the Water Commissioner's Petition for Order Directing the Town of Kearny to Cease Diversions From the Gila River.

06/30/2004 Order denying the San Carlos Apache Tribe's Motion for the Entry of Order RE Central Arizona Project Water Purchase and Exchange by the San Carlos Apache Tribe.

07/13/2004 Order Setting Date for Objections to Water Commissioner's 2nd Quarter 2004 Attorney Fees

08/04/2004 Order Approving Water Commissioner's 2nd Quarter 2004 Attorney Fees

09/24/2004 Order Setting Date for Filing Objections to the Gila Water Commissioner's 2005 Budget

10/14/2004 Order Setting Date for Objections to Water Commissioner's 3rd Quarter 2004 Attorney Fees

11/22/2004 Order Approving Water Commissioner's 3rd Quarter 2004 Attorney Fees

12/01/2004 Order Directing Parties to Advise Court of the Effect of GRIC Settlement as Relating to Pumping Matters Pending in the Court

12/02/2004 Order Approving Water Commissioner's Year 2005 Budget

2004
FINANCIAL STATEMENT
WATER COMMISSIONER'S ACCOUNT
RECEIPTS

Plaintiffs			
San Carlos Irrigation Project	\$459,446.25		
SCIP 04 assessment pre-paid (Interest)	1,241.66		
San Carlos Agency	4,500.00		
Gila Crossing	<u>10,683.23</u>		
		\$475,871.14	
Defendants			
Gila Valley Irrigation District	116,069.27		
Franklin Irrigation District	16,908.77		
Sunset Ditch Company	8,689.02		
Model Canal Company	1,521.53		
ASARCO	13,961.81		
Town of Kearny	363.18		
York Valley	<u>2,209.96</u>		
		159,723.54	
Miscellaneous Receipts		4,444.48	
Interest Income		3,216.78	
Supplemental Reports		<u>4,275.00</u>	
Total Receipts			\$647,530.94
Balance Forward 2003			179,719.36
			<u>\$827,250.30</u>

DISBURSEMENTS

Personnel			
Don L. Weesner	\$83,407.92		
Jon W. Allred	53,142.96		
James W. Pavlacky	41,128.08		
Patricia A. Doyle	40,711.92		
Ferne E. Rogers	15,721.92		
Employee Overtime	1,388.75		
F. I. C. A.	14,601.09		
Medicare	3,414.77		
Federal Unemployment Tax	<u>2,170.00</u>		
		\$255,687.41	
Employee Benefit Plan			
Retirement	10,674.29		
Medical Insurance	<u>28,567.60</u>		
		39,241.89	
George E. Grainer (Consulting Fee)		4,000.00	
Travel plus Allowance			
Don L. Weesner	2,324.31		
Jon W. Allred	3,041.27		
James W. Pavlacky	2,889.41		
Patricia A. Doyle	1,740.86		
Ferne E. Rogers	<u>5.63</u>		
		10,001.48	
2003 Attorney Fees and costs			
Brent F. Moody	12,406.95		
Charles W. Whetstine	<u>96.00</u>		
		12,502.95	
2004 Attorney Fees and costs			
Brent F. Moody	64,926.83		
Charles W. Whetstine	<u>1,709.45</u>		
		66,636.28	
2003 Carry-over Expenses			
Geronimo Station expenses		2,790.30	
Geronimo Station Measurements		611.77	
Joint Funding (Stream flow records)		600.00	
		80,890.00	
Capital Purchases			
Telemetering	764.25		
GSI Monitoring	17,300.00		
Garmin GPS Unit	453.10		
Eastern Ariz. Computers (Laptop)	2,090.60		
Eastern Ariz. Computers (desktop)	<u>1,783.53</u>		
		22,391.48	
Other expenses			
Annual Audit	1,400.00		
Communications	10,206.77		
Computer	2,158.63		
Insurance & Bonds	4,663.03		
Office Expenses	5,369.56		
Rent and Utilities	8,459.10		
Tower Rental	958.52		
Workmen's Compensation	2,676.00		
Miscellaneous	580.79		
Water Quality Expendures	282.56		
Contingency Expenses	<u>1,799.15</u>		
		38,554.11	
Total Disbursements			\$533,907.67
Balance on hand 11/1/2005			293,342.63
			<u>\$827,250.30</u>

David M. Colby, CPA
Scott T. Powell, CPA
Mark J. Weech, CPA
James S. Usevitch, CPA

1535 W. Harvard Avenue, Suite 101
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INDEPENDENT AUDITORS' REPORT

To the Gila Water Commissioner
Safford, Arizona

We have audited the accompanying statement of assets, liabilities, and equity – cash basis of the Gila Water Commissioner as of December 31, 2004, and the related statements of revenue, expenses, and changes in retained Earnings – cash basis for the year then ended. These financial statements are the responsibility of the Gila Water Commissioner. Our responsibility is to express an opinion on these financial statements based on our audit.

We conducted our audit in accordance with auditing standards generally accepted in the United States of America. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement. An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements. An audit also includes assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall financial statement presentation. We believe that our audit provides a reasonable basis for our opinion.

As described in Note 1, these financial statements were prepared on the cash basis of accounting, which is a comprehensive basis of accounting other than generally accepted accounting principles.

In our opinion, the financial statements referred to above present fairly, in all material respects, the assets, liabilities, and equity of the Gila Water Commissioner as of December 31, 2004, and its revenue, expenses and changes in equity for the year then ended on the basis of accounting described in Note 1.

Colby & Company

February 25, 2005

**2004 Summary of Audits
Franklin Valley**

All parcels in Franklin Valley District reviewed by Satellite maps

PARCEL/OWNER NO.	TWP	RNG	SEC	1/4-1/4	DECREED	TBI	Audit	RESULTS OF AUDIT	PAYBACK & PENALTY
500-76-007	8	32	34	NESE	19.50	19.50	S,P	19.50 acres planted	N/A
500-76-007	8	32	34	NWSE	9.40	9.40	S,P	9.40 acres planted	N/A
500-76-007	8	32	34	SWSE	2.80	2.80	S,P	2.80 acres planted	N/A
500-76-007	8	32	34	SESE	8.70	8.70	S,P	8.70 acres planted	N/A
500-76-004	8	32	34	NESE	14.90	14.90	S,P	14.90 acres planted	N/A
500-76-004	8	32	34	SESE	8.80	8.80	S,P	8.80 acres planted	N/A
500-76-008	8	32	34	NESE	0.30	0.20	S,P	0.20 acres planted	N/A
	19	20	18	NWNW	9.80	9.80	S,P	9.80 acres planted	N/A
12278	19	20	18	NWNE	25.25	20.80	S,P	20.80 acres planted	N/A
12278	19	20	18	SWNE	23.20	23.20	S,P	23.20 acres planted	N/A
12278	19	20	18	NENE	12.70	12.00	S,P	12.00 acres planted	N/A
12278	19	20	18	SENE	48.50	29.50	S,P	29.50 acres planted	N/A
12278	19	20	18	NWNW	30.00	30.00	S,P	30.00 acres planted	N/A
12278	19	20	18	SWNW	3.30	1.20	S,P	1.20 acres planted	N/A
12278	19	20	18	NENW	36.80	36.80	S,P	36.80 acres planted	N/A
12278	19	20	18	SENW	16.10	16.10	S,P	16.10 acres planted	N/A
108-198-009	19	21	3	SESW	33.00	33.00	S,P	33.00 acres planted	N/A
108-198-009	19	21	3	NESW	31.00	31.00	S,P	31.00 acres planted	N/A
108-198-009	19	21	3	SWNW	24.30	24.30	S,P	24.30 acres planted	N/A
	19	21	3	NWNW	9.00	9.00	S,P	9.00 acres planted	N/A
	19	21	4	NENE	33.30	33.30	S,P	33.30 acres planted	N/A
	19	21	4	SENE	6.80	6.80	S,P	6.80 acres planted	N/A
	19	21	4	NWNE	17.40	17.40	S,P	17.40 acres planted	N/A
	19	21	4	SWNE	4.10	4.10	S,P	4.10 acres planted	N/A
500-50-017	8	32	29	NWSE	12.70	12.70	S,P	12.70 acres planted	N/A
500-50-018B	8	32	29	NWSE	2.25	2.25	S,P	2.25 acres planted	N/A
500-49-012	8	32	29	SWNE	0.00	0.00	S,P	0.00 acres planted	N/A
500-49-014	8	32	29	SWNE	1.69	1.69	S,P	1.69 acres planted	N/A
500-50-008	8	32	29	SWSE	3.50	3.50	S,P	3.50 acres planted	N/A
500-50-017	8	32	29	SWSE	21.10	21.10	S,P	21.10 acres planted	N/A
500-50-018	8	32	29	NWSE	2.25	2.25	S,P	2.25 acres planted	N/A
500-68-001	8	32	32	NWSE	33.80	33.80	S,P	33.80 acres planted	N/A
500-68-001	8	32	32	NESE	0.30	0.30	S,P	0.30 acres planted	N/A
500-67-005	8	32	32	SWNE	13.70	13.70	S,P	13.70 acres planted	N/A
500-67-005	8	32	32	NWNE	1.80	1.80	S,P	1.80 acres planted	N/A
500-65-003	8	32	32	SESW	41.40	41.40	S,P	41.40 acres planted	N/A
500-65-003	8	32	32	NENW	19.20	19.20	S,P	19.20 acres planted	N/A
500-65-004	8	32	32	SWNW	24.20	24.20	S,P	24.20 acres planted	N/A
500-66-002	8	32	32	NWSW	32.00	32.00	S,P	32.00 acres planted	N/A
500-66-002	8	32	32	SWSW	2.00	2.00	S,P	2.00 acres planted	N/A
500-66-009	8	32	32	NESW	13.00	13.00	S,P	13.00 acres planted	N/A
500-66-010	8	32	32	SESW	10.35	10.35	S,P	10.35 acres planted	N/A
500-66-011	8	32	32	SESW	9.70	9.70	S,P	9.70 acres planted	N/A
500-66-012	8	32	32	SESW	8.40	8.40	S,P	8.40 acres planted	N/A
500-68-010	8	32	32	SWSE	2.00	1.75	S,P	1.75 acres planted	N/A
500-68-011	8	32	32	SWSE	8.10	8.10	S,P	8.10 acres planted	N/A
500-68-005	8	32	32	SWSE	15.30	15.30	S,P	15.30 acres planted	N/A
500-68-006	8	32	32	NESW	5.95	5.50	S,P	5.50 acres planted	N/A
500-71-003	8	32	33	NESW	28.30	28.30	S,P	28.30 acres planted	N/A
500-71-003	8	32	33	SENE	5.10	5.10	S,P	5.10 acres planted	N/A
500-69-004	8	32	33	SWNW	15.40	15.40	S,P	15.40 acres planted	N/A
500-69-004	8	32	33	SESW	22.10	22.10	S,P	22.10 acres planted	N/A

PARCEL/OWNER NO.	TWP	RNG	SEC	1/4-1/4	DECEED	TBI	Audit	RESULTS OF AUDIT	PAYBACK & PENALTY
600-26-002-7	9	32	3	NWSW	4.30	4.30	S,P	4.30 acres planted	N/A
600-26-004-3	9	32	3	NESW	1.60	1.60	S,P	1.60 acres planted	N/A
600-26-005-6	9	32	3	NESW	1.00	1.00	S,P	1.00 acres planted	N/A
600-25-007-9	9	32	3	SESW	15.00	15.00	S,P	15.00 acres planted	N/A
600-31-004	9	32	3	SWNE	19.75	19.75	S,P	19.75 acres planted	N/A
600-25-005	9	32	3	SESW	19.10	19.10	S,P	19.10 acres planted	N/A
600-27-001	9	32	3	NWNE	19.20	19.20	S,P	19.20 acres planted	N/A
600-25-002	9	32	3	NENW	9.40	9.40	S,P	9.40 acres planted	N/A
600-25-003	9	32	3	NENW	9.40	9.40	S,P	9.40 acres planted	N/A
600-25-004	9	32	3	NENW	18.60	18.60	S,P	18.60 acres planted	N/A
600-25-001	9	32	3	NWNW	18.50	18.50	S,P	18.50 acres planted	N/A
600-25-002	9	32	3	NWNW	19.60	19.60	S,P	19.60 acres planted	N/A
600-27-004B	9	32	3	NENE	22.15	22.15	S,P	22.15 acres planted	N/A
600-27-004B	9	32	3	NWNE	16.80	16.80	S,P	16.80 acres planted	N/A
600-27-004B	9	32	3	SWNE	18.30	18.30	S,P	18.30 acres planted	N/A
600-27-004B	9	32	3	SENE	16.20	16.20	S,P	16.20 acres planted	N/A
600-25-006	9	32	3	SWNW	18.60	18.60	S,P	18.60 acres planted	N/A
500-67-008	9	32	3	NE	8.40	8.40	S,P	8.40 acres planted	N/A
500-68-002	9	32	3	SE	13.94	13.94	S,P	13.94 acres planted	N/A
600-27-004	9	32	3	NE	3.00	3.00	S,P	3.00 acres planted	N/A
600-25-007	9	32	3	SESW	38.00	38.00	S,P	38.00 acres planted	N/A
600-26-005	9	32	3	NESW	1.10	1.10	S,P	1.10 acres planted	N/A
600-31-002C-8	9	32	4	SENE	19.40	19.40	S,P	19.40 acres planted	N/A
600-32-023-5	9	32	4	NWSE	0.00	0.00	S,P	0.00 acres planted	N/A
600-32-023	9	32	4	NWSE	3.40	3.35	S,P	3.35 acres planted	N/A
600-29-006	9	32	4	SESW	20.30	20.30	S,P	20.30 acres planted	N/A
600-29-016	9	32	4	SWNE	18.75	17.00	S,P	17.00 acres planted	N/A
600-31-003	9	32	4	NENE	37.80	37.80	S,P	37.80 acres planted	N/A
600-31-003	9	32	4	NWNE	38.60	38.60	S,P	38.60 acres planted	N/A
600-29-016E	9	32	4	NWNW	19.44	19.44	S,P	19.44 acres planted	N/A
600-29-001	9	32	4	NWNW	38.20	38.20	S,P	38.20 acres planted	N/A
600-29-001	9	32	4	SWNW	24.00	24.00	S,P	24.00 acres planted	N/A
600-31-004	9	32	4	SWNW	19.75	19.75	S,P	19.75 acres planted	N/A
600-29-016D	9	32	4	NENW	0.00	0.00	S,P	0.00 acres planted	N/A
600-29-016D	9	32	4	NENW	14.50	14.50	S,P	14.50 acres planted	N/A
600-32-015	9	32	4	SE	1.60	0.00	S,P	0.00 acres planted	N/A
600-32-017	9	32	4	SW	1.80	1.80	S,P	1.80 acres planted	N/A
600-32-020	9	32	4	SE	0.90	0.90	S,P	0.90 acres planted	N/A
600-32-018	9	32	4	SE	0.90	0.90	S,P	0.90 acres planted	N/A
600-32-011	9	32	4	NWSE	2.70	2.70	S,P	2.70 acres planted	N/A
500-14-009A	8	32	18	NENE	0.50	0.50	S,P	0.50 acres planted	N/A
500-14-009A	8	32	18	NWNE	28.20	28.20	S,P	28.20 acres planted	N/A
500-14-009A	8	32	18	SWNE	21.00	21.00	S,P	21.00 acres planted	N/A
500-12-004	8	32	18	SESW	12.90	12.90	S,P	12.90 acres planted	N/A

DECEED ACRES AUDITED:	1,390.67
TBI ACRES REPORTED:	5,741.63
PERCENT AUDITED IN 2004:	24.0%
TOTAL PAYBACK & PENALTIES: 0.0	

S - Satellite Image
P - Physical audit
WC - Water Card

**2004 SUMMARY OF AUDITS
GILA VALLEY IRRIGATION DISTRICT**

All Gila Valley Irrigation District reviewed by Satellite maps

PARCEL/OWNER NO.	TWP	RNG	SEC	1/4-1/4	DECREED	TBI	Audit	RESULTS OF AUDIT	PAYBACK & PENALTY
107-36-010C	7	27	18	NWNW	26.50	22.50	S, P	0.00 supplement filed	N/A
107-36-010C	7	27	18	NENW	35.10	33.10	S, P	0.00 supplement filed	N/A
107-36-010C	7	27	18	NWNE	14.10	13.10	S, P	0.00 supplement filed	N/A
107-36-012	7	27	18	SWSE	6.30	6.30	S, P	0.00 supplement filed	N/A
107-36-013	7	27	18	SESE	2.10	1.90	S, P	0.00 supplement filed	N/A
107-36-013	7	27	18	SWSE	4.30	3.70	S, P	0.00 supplement filed	N/A
107-36-015A	7	27	18	SESE	7.10	4.40	S, P	0.00 supplement filed	N/A
107-36-022	7	27	18	SESE	7.20	5.00	S, P	0.00 supplement filed	N/A
108-19-005	4	23	27	NENE	32.10	32.10	S, P	0.00 supplement filed	N/A
108-18-001	4	23	26	SWSW	40.30	40.30	S, P	40 acres in Violation	Waved
108-19-001	4	23	27	NESE	4.60	4.60	S, P	0.00 supplement filed	N/A
108-19-002	4	23	27	SWNE	51.50	28.40	S, P	0.00 supplement filed	N/A
109-21-006	5	23	13	SESW	14.50	11.60	S, P	0.00 supplement filed	N/A
109-22-008	5	23	14	SESW	26.00	24.00	S	24.00 acres planted	N/A
109-24-002	5	23	14	SWSE	38.20	34.90	S	34.90 acres planted	N/A
109-24-002	5	23	23	NWNE	35.80	30.00	S	30.00 acres planted	N/A
109-21-012	5	23	13	NESE	33.70	33.70	S, P	0.00 supplement filed	N/A
108-14-002	4	23	19	NENE	26.50	25.90	S, P	25.90 acres planted	N/A
108-14-008	4	23	19	SENE	17.10	17.10	S, P	17.10 acres planted	N/A
108-14-009	4	23	19	SENE	6.00	6.00	S, P	6.00 acres planted	N/A
108-14-010	4	23	19	NESE	5.20	5.20	S, P	5.20 acres planted	N/A
108-14-010	4	23	19	SESE	0.00	0.00	S, P	0.00 acres planted	N/A
108-25-005	4	23	35	SESW	18.00	18.00	S, P	0.00 supplement filed	N/A
109-20-008	5	23	12	NWSE	40.00	40.00	S, P	0.00 supplement filed	N/A
109-21-001A	5	23	13	NWNE	37.80	35.70	S, P	35.70 acres planted	N/A
108-25-007	4	23	35	SWSE	9.30	9.30	S, P	0.00 supplement filed	N/A
109-25-006	5	23	24	NWNE	23.00	23.00	S, P	0.00 ac.planted w/supplement	N/A
109-25-006	5	23	24	SWNE	0.00	0.00	S, P	0.00 ac.planted w/supplement	N/A
109-25-006	5	23	24	SENE	0.00	0.00	S, P	0.00 ac.planted w/supplement	N/A
109-25-006	5	23	24	NESW	38.80	38.80	S, P	38.80 ac.planted w/supplement	N/A
109-25-006	5	23	24	NWSW	18.60	18.60	S, P	18.60 ac.planted w/supplement	N/A
109-25-006	5	23	24	SESW	32.20	32.20	S, P	32.20 ac.planted w/supplement	N/A
109-25-006	5	23	24	SESW	39.10	39.10	S, P	39.10 ac.planted w/supplement	N/A
109-25-006	5	23	24	SESW	0.00	0.00	S, P	0.00 ac.planted w/supplement	N/A
108-25-009	4	23	35	NWSW	7.30	7.30	S, P	7.30 acres planted	N/A
108-25-002B	4	23	35	NESW	10.60	8.50	S, P	8.50 acres planted	N/A
108-25-004	4	23	35	SWSW	3.00	2.00	S, P	2.00 acres planted	N/A
108-25-004	4	23	35	SESW	13.00	5.00	S, P	5.00 acres planted	N/A
108-20-003	4	23	28	NENW	42.40	42.20	S, P	42.20 acres planted	N/A
108-20-003	4	23	28	SESW	15.60	15.60	S, P	15.60 supplement filed	N/A
108-20-003	4	23	28	SESW	17.00	11.20	S, P	0.00 supplement filed	N/A
108-20-006	4	23	28	NESW	2.80	2.80	S, P	2.80 acres planted	N/A
108-20-006	4	23	28	NWSW	24.10	24.10	S, P	0.00 supplement filed	N/A
108-20-006	4	23	28	SWSW	6.30	6.30	S, P	0.00 supplement filed	N/A
108-20-006	4	23	28	SESW	8.30	8.30	S, P	0.00 supplement filed	N/A
109-12-006	5	23	2	SENE	26.70	26.70	S, P	0.00 supplement filed	N/A
109-12-006	5	23	2	NWNE	11.70	11.70	S, P	0.00 supplement filed	N/A
109-12-006	5	23	2	NENE	1.12	1.12	S, P	0.00 supplement filed	N/A
109-12-006	5	23	2	SENE	14.38	14.38	S, P	0.00 supplement filed	N/A

PARCEL/OWNER NO.	TWP	RNG	SEC	1/4-1/4	DECREED	TBI	Audit	RESULTS OF AUDIT	PAYBACK & PENALTY
109-12-009	5	23	2	SWNE	3.00	2.40	S, P	Owner notified	N/A
109-20-012	5	23	12	NWSW	20.00	20.00	S, P	Owner notified	N/A
109-20-012	5	23	12	NESW	38.00	38.00	S, P	Owner notified	N/A
109-20-012	5	23	12	SWSW	18.80	18.80	S, P	Owner notified	N/A
108-24-026	4	23	34	NESW	1.66	1.66	S, P	N/A	N/A
108-24-026	4	23	34	SENE	12.24	12.24	S, P	N/A	N/A
108-24-026	4	23	34	NENE	0.00	0.00	S, P	N/A	N/A
109-21-006	5	23	13	NWSW	4.50	4.50	S, P	Owner notified	N/A
109-21-006	5	23	13	NESW	30.00	30.00	S, P	Owner notified	N/A
108-14-001	4	23	19	NENE	7.20	5.40	S, P	N/A	N/A
108-25-001A	4	23	35	NWSW	7.60	7.60	S, P	N/A	N/A
108-25-003B	4	23	35	SWNW	4.10	4.10	S, P	N/A	N/A
109-19-002	5	23	11	SWNE	14.20	14.20	S, P	Owner notified	N/A
109-19-002	5	23	11	SENE	14.00	14.00	S, P	Owner notified	N/A
109-19-002	5	23	11	NESE	34.12	34.12	S, P	Owner notified	N/A
109-19-002	5	23	11	NWSE	7.69	7.69	S, P	Owner notified	N/A
109-19-002	5	23	11	SWSE	7.69	7.69	S, P	Owner notified	N/A
108-15-006A	4	23	20	SESE	1.20	0.00	S, P	Owner notified	N/A
108-15-006C	4	23	20	NWSE	23.90	23.90	S, P	Owner notified	N/A
108-15-006C	4	23	20	SWSE	36.10	36.10	S, P	Owner notified	N/A
108-15-006C	4	23	20	SESE	29.10	29.10	S, P	Owner notified	N/A
108-21-003A	4	23	29	NWNE	7.20	5.00	S, P	N/A	N/A
108-21-003B	4	23	29	NENE	6.30	1.80	S, P	N/A	N/A
109-24-002	4	23	34	NWNW	24.90	24.90	S, P	Owner notified	N/A
108-24-002	4	23	34	NENW	23.50	23.50	S, P	Owner notified	N/A
108-24-002	4	23	34	SWNW	7.10	7.10	S, P	Owner notified	N/A
108-24-002	4	23	34	SWNW	17.90	17.90	S, P	Owner notified	N/A
108-24-002	4	23	34	NESW	2.70	2.70	S, P	Owner notified	N/A
108-24-002	4	23	34	NWNE	20.60	20.60	S, P	Owner notified	N/A
108-24-002	4	23	34	SWNE	34.10	34.10	S, P	Owner notified	N/A
108-24-002	4	23	34	NWSE	17.20	17.20	S, P	Owner notified	N/A
108-25-003A	4	23	35	SWNW	18.70	18.70	S, P	N/A	N/A
108-25-008	4	23	35	SWNE	39.10	0.00	S, P	N/A	N/A
108-25-008	4	23	35	NWSE	34.30	34.30	S, P	N/A	N/A
108-25-008	4	23	35	SWSE	27.90	27.90	S, P	N/A	N/A
108-25-008	4	23	35	SESE	3.10	3.10	S, P	N/A	N/A
109-11-002	5	23	1	NWSW	35.40	14.60	S, P	N/A	N/A
109-11-002	5	23	1	SWSW	37.30	37.30	S, P	N/A	N/A
109-11-003	5	23	1	SESW	39.20	39.20	S, P	N/A	N/A
109-11-003	5	23	1	NESW	3.70	3.70	S, P	N/A	N/A
109-11-003	5	23	1	SWSE	32.50	32.50	S, P	N/A	N/A
109-11-003	5	23	1	SESE	19.70	0.00	S, P	N/A	N/A
109-12-005B	5	23	2	NWNE	28.50	27.80	S, P	N/A	N/A
109-12-005B	5	23	2	NWNE	7.10	7.10	S, P	N/A	N/A
109-12-008	5	23	2	NESE	34.70	34.70	S, P	N/A	N/A
109-12-008	5	23	2	NWSE	25.90	25.90	S, P	N/A	N/A
109-12-008	5	23	2	SWSE	13.70	13.70	S, P	N/A	N/A
109-12-008	5	23	2	SESE	37.70	37.70	S, P	N/A	N/A
109-20-001	5	23	12	SWNW	38.40	38.40	S, P	Owner notified	N/A
109-20-002	5	23	12	NENW	39.80	39.00	S, P	Owner notified	N/A
109-20-002	5	23	12	NWNW	37.20	37.20	S, P	Owner notified	N/A
109-20-002	5	23	12	SENW	39.60	39.00	S, P	Owner notified	N/A
109-20-003B	5	23	12	NWNE	38.80	28.80	S, P	Owner notified	N/A
109-20-004	5	23	12	SWNE	40.00	40.00	S, P	Owner notified	N/A
109-20-005	5	23	12	NENE	14.90	14.90	S, P	Owner notified	N/A

PARCEL/OWNER NO.	TWP	RNG	SEC	1/4-1/4	DECEED	TBI	Audit	RESULTS OF AUDIT	PAYBACK & PENALTY
109-20-011	5	23	12	SWSW	13.20	13.20	S, P	Owner notified	N/A
109-20-013	5	23	12	NWSW	1.00	1.00	S, P	Owner notified	N/A
109-21-001A	5	23	13	NENE	21.00	21.00	S, P	Owner notified	N/A
109-21-001A	5	23	13	NWNE	30.50	29.00	S, P	Owner notified	N/A
109-21-001A	5	23	13	SENE	24.60	24.60	S, P	Owner notified	N/A
109-21-003	5	23	13	NWNE	10.00	9.80	S, P	Owner notified	N/A
109-21-004	5	23	13	NENW	36.00	36.00	S, P	Owner notified	N/A
109-21-004	5	23	13	NWNW	26.70	26.70	S, P	Owner notified	N/A
109-21-005	5	23	13	SWNW	24.40	24.40	S, P	Owner notified	N/A
109-21-008	5	23	13	SENE	38.30	38.30	S, P	Owner notified	N/A
109-21-011	5	23	13	SESE	11.90	11.90	S, P	Owner notified	N/A
109-21-011	5	23	13	SWSE	0.00	0.00	S, P	Owner notified	N/A
108-25-002A	4	23	35	SENE	38.80	38.80	S, P	Owner notified	N/A
108-25-002A	4	23	35	NESW	16.40	16.40	S, P	Owner notified	N/A
108-25-002A	4	23	35	NWSE	12.00	5.30	S, P	Owner notified	N/A
109-32-006	5	24	18	SWSW	43.00	39.00	S, P	Owner notified	N/A
109-33-001	5	24	18	SESW	10.00	5.00	S, P	Owner notified	N/A
109-33-001	5	24	18	NWSE	3.00	0.00	S, P	Owner notified	N/A
109-33-001	5	24	19	NENW	36.80	36.80	S, P	N/A	N/A
105-01-009	6	25	6	SWSW	32.00	32.00	S, P	N/A	N/A
105-01-009	6	25	6	SESW	35.80	26.10	S, P	N/A	N/A
105-03-001	6	25	7	NWNW	33.90	33.90	S, P	Owner notified	N/A
105-03-001	6	25	7	NENW	27.60	27.60	S, P	Owner notified	N/A
105-02-031	6	25	6	SWSE	5.60	5.30	S	Owner notified	N/A
109-53-011	6	24	2	SWNE	3.00	3.00	S	Owner notified	N/A
109-53-008	6	24	2	SWNE	7.70	7.70	S	Owner notified	N/A
109-53-012	6	24	2	SWNE	6.30	6.30	S	Owner notified	N/A
109-53-007	6	24	2	NWNE	5.70	5.70	S	Owner notified	N/A
109-53-007	6	24	2	SWNE	9.50	9.50	S	Owner notified	N/A
109-53-007	6	24	2	NENW	20.80	20.80	S	Owner notified	N/A
109-53-007	6	24	2	NWNW	0.00	0.00	S	Owner notified	N/A
109-53-007	6	24	2	SWNW	31.30	31.30	S	Owner notified	N/A
109-53-007	6	24	2	SENE	29.00	29.00	S	Owner notified	N/A
105-02-013	6	25	7	SENE	23.80	23.80	S, P	Owner notified	N/A
105-07-002	6	25	22	NENE	14.90	14.90	S	Owner notified	N/A
105-28-002B	6	25	22	NWNW	3.00	3.00	S	Owner notified	N/A
105-28-002B	6	25	22	NENW	17.30	17.30	S	Owner notified	N/A
105-28-007	6	25	22	NESE	13.16	13.16	S	Owner notified	N/A
105-29-004	6	25	22	SESE	23.50	23.50	S	Owner notified	N/A
105-29-004	6	25	23	NWSW	0.00	0.00	S	Owner notified	N/A
105-29-002	6	25	23	SWSW	19.44	19.44	S	Owner notified	N/A
109-63-010A	6	24	12	SESW	1.30	1.30	S	Owner notified	N/A
109-63-010A	6	24	12	NENE	16.23	16.20	S, P	Owner notified	N/A
109-63-010A	6	24	12	NWNE	32.30	32.30	S, P	Owner notified	N/A
109-63-010A	6	24	12	NENW	35.00	32.60	S, P	Owner notified	N/A
109-63-010A	6	24	12	NWNW	13.70	8.00	S, P	Owner notified	N/A
109-52-003	6	24	1	NESE	15.90	14.50	S	Owner notified	N/A
109-52-003	6	24	1	NESE	36.50	35.00	S	Owner notified	N/A
109-63-010A	6	24	12	NENE	16.23	16.20	S, P	Owner notified	N/A
109-63-010A	6	24	12	NWNE	32.50	32.30	S, P	Owner notified	N/A
109-63-010A	6	24	12	NENW	35.00	32.60	S, P	Owner notified	N/A
109-63-010A	6	24	12	NWNW	13.70	8.00	S, P	Owner notified	N/A
109-52-002	6	24	1	NWSE	24.20	24.20	S	Owner notified	N/A
109-52-002	6	24	1	SWSE	24.60	24.60	S	Owner notified	N/A

PARCEL/OWNER NO.	TWP	RNG	SEC	1/4-1/4	DECREED	TBI	Audit	RESULTS OF AUDIT	PAYBACK & PENALTY		
105-05-008C	6	25	8	SESE	28.80	22.00	S, P	Owner notified	16.00	ac.planted w/supplement	N/A
105-02-045	6	25	7	SWNE	4.00	3.50	S, P	Owner notified	3.50	acres planted	N/A
105-03-014	6	25	7	SWNW	1.50	1.20	S, P	Owner notified	1.20	acres planted	N/A
105-03-014	6	25	7	SENW	13.30	8.80	S, P	Owner notified	8.80	acres planted	N/A
105-03-015	6	25	7	SENW	1.00	1.00	S, P	Owner notified	1.00	acres planted	N/A
105-02-002	6	25	7	SWSE	35.40	32.50	S, P	N/A	32.50	acres planted	N/A
105-02-002	6	25	7	SESE	40.00	39.00	S, P	N/A	39.00	acres planted	N/A
105-02-009	6	25	7	NWSE	9.50	8.90	S, P	N/A	8.90	acres planted	N/A
105-04-005	6	25	7	NWSW	14.80	14.80	S, P	N/A	14.80	acres planted	N/A
105-04-005	6	25	7	NESW	16.40	13.80	S, P	N/A	13.80	acres planted	N/A
105-03-007	6	25	7	SESW	0.00	0.00	S, P	N/A	0.00	acres planted	N/A
105-03-017	6	25	7	SWNW	15.00	15.00	S, P	Owner notified	15.00	ac.planted w/supplement	N/A
105-03-017	6	25	7	SWNW	1.60	16.80	S, P	Owner notified	1.00	ac.planted w/supplement	N/A
105-03-018	6	25	7	SENW	20.80	1.00	S, P	Owner notified	0.00	ac.planted w/supplement	N/A
105-04-001	6	25	7	SWNW	16.80	20.00	S, P	Owner notified	16.80	ac.planted w/supplement	N/A
105-04-001	6	25	7	NESW	6.50	4.00	S, P	Owner notified	0.00	ac.planted w/supplement	N/A
105-02-021	6	25	7	NWSE	6.70	6.70	S, P	Owner notified	0.00	ac.planted w/supplement	N/A
105-02-021	6	25	7	NESE	14.40	14.40	S, P	Owner notified	0.00	ac.planted w/supplement	N/A
105-02-023	6	25	7	NWSE	4.50	4.50	S, P	Owner notified	4.50	ac.planted w/supplement	N/A
105-02-016A	6	25	7	NESE	16.80	14.80	S, P	Owner notified	0.00	supplement filed	N/A
104-35-140A	7	25	13	SENE	3.65	3.65	S, P	N/A	3.65	acres planted	N/A
104-35-140B	7	25	13	SENE	0.70	0.70	S, P	N/A	0.70	acres planted	N/A
103-07-017	7	26	20	NENE	3.20	3.20	S, P	N/A	3.20	acres planted	N/A
103-07-017	7	26	20	NWNE	8.05	8.05	S, P	N/A	8.05	acres planted	N/A
103-07-017	7	26	20	SWNE	5.10	5.10	S, P	N/A	5.10	acres planted	N/A
103-07-017	7	26	20	SENE	2.40	2.40	S, P	N/A	2.40	acres planted	N/A
104-35-004E	7	25	13	NWNW	14.00	13.60	S, P	N/A	13.60	acres planted	N/A
104-35-004E	7	25	13	SWNW	4.70	4.70	S, P	N/A	4.70	acres planted	N/A
104-35-004F	7	25	13	NWNW	4.50	4.50	S, P	N/A	4.50	acres planted	N/A
104-24-069	7	25	11	NWNE	3.50	3.3	S, P	Owner notified	0.00	supplement filed	N/A
104-24-069	7	25	11	SWNE	3.00	4.2	S, P	Owner notified	0.00	supplement filed	N/A
104-35-113	7	25	13	SENE	1.00	0.60	S, P	N/A	0.60	acres planted	N/A
104-35-138	7	25	13	SENE	4.25	4.25	S, P	N/A	4.25	acres planted	N/A
104-28-066B	7	25	10	NWNW	7.00	7.00	S, P	Owner notified	10.00	supplement filed	N/A
104-28-066B	7	25	10	SWNW	23.20	19.70	S, P	Owner notified	0.00	supplement filed	N/A
104-28-066B	7	25	10	NWSW	5.00	5.00	S, P	Owner notified	0.00	supplement filed	N/A
104-25-057A	7	25	11	NWNW	13.00	13.00	S	Owner notified	0.00	supplement filed	N/A
103-07-022	7	26	20	SWNW	7.80	7.80	S	Owner notified	0.00	supplement filed	N/A
103-07-060	7	26	20	NWNE	0.47	0.40	S, P	N/A	0.40	acres planted	N/A
104-35-059	7	25	13	NWNE	11.02	10.30	S, P	N/A	10.30	acres planted	N/A
104-35-059	7	25	13	NENW	18.90	17.50	S, P	Owner notified	17.50	ac.planted w/supplement	N/A
104-35-114	7	25	13	SENW	16.50	15.30	S, P	Owner notified	0.00	ac.planted w/supplement	N/A
104-35-114	7	25	13	NENW	19.20	18.80	S, P	Owner notified	18.80	ac.planted w/supplement	N/A
104-35-114	7	25	13	SENW	19.00	19.00	S, P	Owner notified	19.00	ac.planted w/supplement	N/A
104-35-114	7	25	13	NESW	2.00	2.00	S, P	Owner notified	2.00	ac.planted w/supplement	N/A
104-35-004B	7	25	13	SWNW	18.80	18.80	S, P	N/A	18.80	acres planted	N/A
104-35-006	7	25	13	SWNE	15.00	15.00	S, P	N/A	15.00	acres planted	N/A
104-35-006	7	25	13	SENE	9.30	9.30	S, P	N/A	9.30	acres planted	N/A
103-07-057A	7	26	20	NENE	7.63	7.17	S, P	N/A	7.17	acres planted	N/A
103-07-057A	7	26	20	NWNE	3.68	3.20	S, P	N/A	3.20	acres planted	N/A
104-35-004A	7	25	13	NWNW	8.95	8.00	S, P	Owner notified	1.00	ac.planted w/supplement	N/A
104-38-006A	7	25	13	NWSE	22.40	13.00	S, P	N/A	13.00	acres planted	N/A
104-38-006A	7	25	13	NWSE	3.50	0.00	S, P	N/A	0.00	acres planted	N/A
103-07-062	7	26	20	NENE	22.00	21.20	S, P	N/A	21.2	acres planted	N/A

PARCEL/OWNER NO.	TWP	RNG	SEC	1/4-1/4	DECEED	TBI	Audit	RESULTS OF AUDIT	PAYBACK & PENALTY		
104-29-057A	7	25	11	SWSE	1.20	1.20	S, P	Owner notified	0.00	supplement filed	N/A
104-29-056	7	25	11	SWSE	1.40	1.40	S, P	Owner notified	0.00	supplement filed	N/A
101-18-024A	7	26	18	NWNE	1.67	1.60	S, P	Owner notified	1.60	acres planted	N/A
101-18-024A	7	26	18	NENE	0.80	0.80	S, P	Owner notified	0.80	acres planted	N/A
101-18-024B	7	26	18	NWNE	1.61	1.60	S, P	Owner notified	1.60	acres planted	N/A
101-18-024B	7	26	18	NENE	0.60	0.60	S, P	Owner notified	0.60	acres planted	N/A
101-20-005	7	26	18	SESW	18.70	18.50	S, P	Owner notified	18.50	acres planted	N/A
104-35-005C	7	25	13	SWNE	6.00	4.60	S, P	N/A	4.60	acres planted	N/A
104-35-082	7	25	13	SWNE	2.00	1.00	S, P	N/A	1.00	acres planted	N/A
101-16-011	7	26	18	SWNE	13.00	12.20	S, P	N/A	12.20	acres planted	N/A
101-16-011	7	26	18	SENE	4.36	0.00	S, P	N/A	0.00	acres planted	N/A
101-16-023	7	26	18	SWNE	13.03	5.40	S, P	N/A	5.40	acres planted	N/A
101-18-018	7	26	18	NWNE	10.40	6.70	S, P	N/A	6.70	acres planted	N/A
101-18-020	7	26	18	NWNE	3.40	0.00	S, P	N/A	0.00	acres planted	N/A
104-23-008C	7	25	10	SENE	16.00	16.00	S	Owner notified	0.00	supplement filed	N/A
104-23-032B	7	25	10	SENE	4.50	4.20	S	Owner notified	0.00	supplement filed	N/A
104-31-027A	7	25	12	SWSW	12.80	12.80	S, P	N/A	12.80	acres planted	N/A
104-31-027A	7	25	12	SESW	1.40	1.40	S, P	N/A	1.40	acres planted	N/A
103-07-061	7	26	20	SWNE	2.60	2.50	S, P	N/A	2.50	acres planted	N/A
103-07-061	7	26	20	SENE	35.80	34.50	S, P	N/A	34.50	acres planted	N/A
103-10-029	7	26	20	NESE	27.90	27.90	S, P	N/A	27.90	acres planted	N/A
103-12-019	7	26	21	NWSW	36.70	35.70	S, P	N/A	35.70	acres planted	N/A
102-33-005	7	26	13	SWNE	2.20	1.00	S, P	Owner notified	0.00	supplement filed	N/A
102-33-005	7	26	13	NWSE	3.80	0.50	S, P	Owner notified	0.00	supplement filed	N/A
102-33-005	7	26	13	NESE	7.00	7.00	S, P	Owner notified	0.00	supplement filed	N/A
102-33-005	7	26	13	SENE	0.00	0.00	S, P	Owner notified	0.00	supplement filed	N/A
102-35-002	7	26	15	NESE	6.40	6.40	S, P	Owner notified	6.4	ac.planted w/supplement	N/A
102-35-002	7	26	15	NWSE	24.80	24.80	S, P	Owner notified	0.00	ac.planted w/supplement	N/A
102-36-025E	7	26	15	NESE	0.90	0.90	S, P	Owner notified	0.90	acres planted	N/A
102-36-025E	7	26	15	NWSW	4.50	4.40	S, P	Owner notified	4.40	acres planted	N/A
107-49-004	7	27	18	SWNW	20.00	6.60	S, P	N/A	6.60	acres planted	N/A
107-49-004	7	27	18	NWSW	29.40	29.40	S, P	N/A	29.40	acres planted	N/A
107-49-004	7	27	18	SWSW	34.40	34.40	S, P	N/A	34.40	acres planted	N/A
107-49-004	7	27	18	NESW	12.40	12.40	S, P	N/A	12.40	acres planted	N/A
107-49-004	7	27	18	SESW	12.00	12.00	S, P	N/A	12.00	acres planted	N/A
102-36-002	7	26	15	NESE	33.50	32.50	S, P	Owner notified	32.50	acres planted	N/A
102-36-002	7	26	15	SESW	37.20	34.90	S, P	Owner notified	34.90	acres planted	N/A
102-33-004	7	26	13	SENE	16.70	16.70	S, P	N/A	16.70	acres planted	N/A
102-33-004	7	26	13	NWSE	7.20	7.20	S, P	N/A	7.20	acres planted	N/A
107-49-002A	7	27	18	NESE	22.80	22.80	S, P	N/A	22.80	acres planted	N/A
107-49-002A	7	27	18	SESW	8.80	8.80	S, P	N/A	8.80	acres planted	N/A
107-49-002B	7	27	18	SESW	3.2	0.00	S, P	N/A	0.00	acres planted	N/A
103-13-003B	7	26	21	NWNE	26.00	26.00	S, P	Owner notified	26.00	acres planted	N/A
103-13-024	7	26	21	NENE	6.40	6.35	S, P	N/A	6.35	acres planted	N/A
103-13-024	7	26	21	SENE	2.70	2.70	S, P	N/A	2.70	acres planted	N/A
103-12-001	7	26	21	NENW	18.50	18.50	S, P	N/A	18.50	acres planted	N/A
103-12-001	7	26	21	NWNE	1.40	1.40	S, P	N/A	1.40	acres planted	N/A
103-12-001	7	26	21	SWNE	7.10	7.10	S, P	N/A	7.10	acres planted	N/A
103-12-017	7	26	21	NENW	10.00	9.60	S, P	Owner notified	9.6	acres planted	N/A
107-44-002	7	27	16	NENW	7.20	7.20	S, P	Owner notified	7.20	ac.planted w/supplement	N/A
107-44-002	7	27	16	NWNE	22.40	22.40	S, P	Owner notified	22.40	ac.planted w/supplement	N/A
107-44-002	7	27	16	NENE	0.50	0.50	S, P	Owner notified	0.00	ac.planted w/supplement	N/A
107-44-002	7	27	16	SWNE	3.50	3.50	S, P	Owner notified	3.50	ac.planted w/supplement	N/A
107-44-003	7	27	16	NWNW	0.20	0.20	S, P	Owner notified	0.20	ac.planted w/supplement	N/A
107-44-003	7	27	16	NENW	19.30	19.30	S, P	Owner notified	19.30	ac.planted w/supplement	N/A

PARCEL/OWNER NO.	TWP	RNG	SEC	1/4-1/4	DECREED	TBI	Audit	RESULTS OF AUDIT	PAYBACK & PENALTY
107-44-005	7	27	16	NWNW	1.90	1.90	S, P	Owner notified	N/A
107-44-005	7	27	16	SENE	15.00	15.00	S, P	Owner notified	N/A
103-07-017	7	26	20	NWNE	2.80	2.80	S, P	Owner notified	N/A
103-07-017	7	26	20	SWNE	5.49	5.00	S, P	Owner notified	N/A
103-07-051	7	26	20	SWNE	4.00	1.75	S, P	Owner notified	N/A
107-55-017	7	27	20	NENE	11.00	11.00	S, P	Owner notified	N/A
103-17-014A	7	26	23	NWSW	4.50	4.50	S, P	N/A	N/A
103-17-014A	7	26	23	NESW	23.90	23.90	S, P	N/A	N/A
103-11-040	7	26	20	SWSE	6.30	6.00	S, P	N/A	N/A
107-49-001	7	27	18	NESE	20.90	17.1	S, P	Owner notified	N/A
107-49-001	7	27	18	SESE	26.30	26.3	S, P	Owner notified	N/A
107-49-001	7	27	18	SESE	5.00	0.00	S, P	Owner notified	N/A
103-17-029	7	26	23	SWNE	2.30	2.30	S, P	Owner notified	N/A
103-17-029	7	26	23	NWSE	27.30	27.30	S, P	Owner notified	N/A
103-17-030	7	26	23	NWSE	0.00	0.00	S, P	Owner notified	N/A
103-17-030	7	26	23	NWSE	8.40	8.40	S, P	Owner notified	N/A
103-17-030	7	26	23	SWSE	37.00	37.00	S, P	Owner notified	N/A
107-47-003	7	27	17	SWNE	38.00	38.00	S, P	N/A	N/A
107-47-003	7	27	17	SENE	30.40	23.90	S, P	N/A	N/A
107-47-003	7	27	17	SWNW	12.40	12.40	S, P	N/A	N/A
107-47-003	7	27	17	NWSW	33.40	33.40	S, P	N/A	N/A
107-47-003	7	27	17	NESW	35.80	35.80	S, P	N/A	N/A
107-47-003	7	27	17	NWSE	37.30	37.30	S, P	N/A	N/A
107-47-003	7	27	17	SESW	5.00	5.00	S, P	N/A	N/A
107-43-001A	7	27	16	NWNE	15.50	15.50	S, P	N/A	N/A
107-43-001A	7	27	16	NENE	26.90	26.90	S, P	N/A	N/A
107-43-001A	7	27	16	SENE	0.00	0.00	S, P	N/A	N/A
107-44-007	7	27	16	NWNW	2.40	2.00	S, P	N/A	N/A
107-44-007	7	27	16	SWNW	13.40	12.50	S, P	N/A	N/A
107-44-007	7	27	16	NWSW	12.20	11.50	S, P	N/A	N/A
107-44-004	7	27	16	NWNW	3.90	3.90	S, P	N/A	N/A
107-44-004	7	27	16	NENW	3.70	3.70	S, P	N/A	N/A
107-44-004	7	27	16	SENE	9.41	9.41	S, P	N/A	N/A
107-44-004	7	27	16	SWNE	1.90	1.90	S, P	N/A	N/A
107-44-015	7	27	16	NWNW	3.90	3.90	S, P	N/A	N/A
107-44-015	7	27	16	NENW	6.80	6.80	S, P	N/A	N/A
107-44-015	7	27	16	SENE	5.38	5.38	S, P	N/A	N/A
107-44-015	7	27	16	SWNE	3.20	3.20	S, P	N/A	N/A
107-50-004	7	27	19	SENE	38.00	36.00	S, P	Owner notified	N/A
107-50-004	7	27	19	NESE	33.40	29.60	S, P	Owner notified	N/A
107-54-021C	7	27	20	SWNW	7.60	6.80	S, P	Owner notified	N/A
107-54-021C	7	27	20	SENE	36.80	34.00	S, P	Owner notified	N/A
107-54-021C	7	27	20	NESW	7.20	7.00	S, P	Owner notified	N/A
107-54-021C	7	27	20	NWSW	4.30	3.80	S, P	Owner notified	N/A
107-54-021C	7	27	20	SWNE	1.50	0.00	S, P	Owner notified	N/A
107-54-014	7	27	20	SWNE	5.20	27.50	S, P	Owner notified	N/A
107-54-015	7	27	20	SWNE	1.50	17.30	S, P	Owner notified	N/A
107-54-021D	7	27	20	SWNW	27.60	5.20	S, P	Owner notified	N/A
107-54-021D	7	27	20	NWSW	18.00	1.50	S, P	Owner notified	N/A
107-30-050B	7	27	20	NWNW	18.00	17.50	S, P	Owner notified	N/A
107-47-007A	7	27	17	SESW	18.00	17.50	S, P	Owner notified	N/A
107-54-018	7	27	20	NENW	2.00	1.80	S, P	Owner notified	N/A
107-54-019	7	27	20	NWNE	25.00	25.00	S, P	Owner notified	N/A
107-54-019	7	27	20	NENW	35.50	21.20	S, P	Owner notified	N/A
103-15-004B	7	26	21	SESE	30.80	30.50	S, P	Owner notified	N/A

PARCEL/OWNER NO.	TWP	RNG	SEC	1/4-1/4	DECEED	TBI	Audit	RESULTS OF AUDIT	PAYBACK & PENALTY
107-47-010	7	27	17	NESE	36.70	31.80	S, P	Owner notified	N/A
107-44-006	7	27	16	NWNW	1.70		S, P	Owner notified	N/A
107-44-006	7	27	16	SWNW	22.60	22.60	S, P	Owner notified	N/A
107-44-006	7	27	16	SESW	7.30		S, P	Owner notified	N/A
107-44-006	7	27	16	NESW	3.20	3.20	S, P	Owner notified	N/A
107-44-006	7	27	16	NESW	6.80	6.80	S, P	Owner notified	N/A
107-47-007D	7	27	17	SESW	5.20	4.75	S, P	Owner notified	N/A
103-18-003	7	26	24	NENW	4.80	4.80	S, P	N/A	N/A
103-18-004	7	26	24	NWSW	8.70	8.70	S, P	N/A	N/A
103-18-004	7	26	24	NESW	1.90	1.90	S, P	N/A	N/A
103-18-008	7	26	24	NWSW	17.80	17.80	S, P	N/A	N/A
103-18-008	7	26	24	NESW	29.60	29.60	S, P	N/A	N/A
103-18-008	7	26	24	SWSW	6.00	6.00	S, P	N/A	N/A
103-18-008	7	26	24	SESW	33.30	33.30	S, P	N/A	N/A
107-50-007	7	27	19	SESW	28.10	28.10	S, P	N/A	N/A
107-50-007	7	27	19	SWNE	36.50	18.20	S, P	N/A	N/A
107-50-007	7	27	19	NWSW	37.40	35.00	S, P	N/A	N/A
107-50-007	7	27	19	NESW	39.70	26.50	S, P	N/A	N/A
107-50-007	7	27	19	NESW	39.00	38.50	S, P	N/A	N/A
107-50-007	7	27	19	SWSW	35.00	35.00	S, P	N/A	N/A
107-50-007	7	27	19	SESW	26.40	15.20	S, P	N/A	N/A
107-53-037	7	27	17	SWNW	15.69	11.50	S, P	N/A	N/A
107-47-007D	7	27	17	SESW	5.20	5.20	S, P	N/A	N/A
107-47-007E	7	27	17	SESW	5.25	4.75	S, P	N/A	N/A
103-17-003	7	26	23	NESE	36.30	36.30	S, P	N/A	N/A
103-17-003	7	26	23	SESE	32.30	32.30	S, P	N/A	N/A
107-49-002A	7	27	18	NWSE	37.60	21.50	S, P	N/A	N/A
107-49-002A	7	27	18	NESE	12.10	4.00	S, P	N/A	N/A
107-49-002A	7	27	18	SWSE	37.30	37.30	S, P	N/A	N/A
107-49-002A	7	27	18	SESE	12.20	12.20	S, P	N/A	N/A
107-49-002A	7	27	18	SESW	15.00	15.00	S, P	N/A	N/A
107-49-002A	7	27	19	NENW	20.00	20.00	S, P	N/A	N/A
107-52-001	7	26	21	SESW	10.00	10.00	S, P	N/A	N/A
103-12-018	7	26	21	SESW	8.00	8.00	S, P	N/A	N/A
103-14-002C	7	26	21	NWSW	21.60	20.50	S, P	N/A	N/A
103-14-002B	7	26	21	NWSW	37.20	37.20	S, P	Owner notified	N/A
103-14-004A	7	26	21	NESW	40.00	39.80	S, P	N/A	N/A
107-30-050	7	27	17	SWSW	18.30	15.00	S, P	N/A	N/A
107-30-050A	7	27	20	NWNW	13.10	13.00	S, P	N/A	N/A
103-12-009	7	26	21	SWNE	35.80	31.00	S, P	N/A	N/A
103-12-009	7	26	21	NWSE	1.50	1.50	S, P	N/A	N/A
103-12-009	7	26	21	NESE	38.90	37.90	S, P	N/A	N/A
103-12-019	7	26	22	NESW	15.60	15.60	S, P	N/A	N/A
103-16-013	7	26	22	SWSE	8.40	8.40	S, P	N/A	N/A
103-16-014	7	26	22	SWSE	9.20	8.40	S, P	N/A	N/A
102-17-023	7	26	7	NWSE	9.20	9.20	S	Owner notified	N/A
105-43-003B	6	25	32	NWNW	39.50	39.50	S	Owner notified	N/A
105-43-003B	6	25	32	NENW	38.40	38.40	S	Owner notified	N/A
105-43-003B	6	25	32	SESW	5.50	5.50	S	Owner notified	N/A
104-33-032H	7	25	12	NENW	6.70	5.20	S, P	Owner notified	N/A
105-45-072	6	25	33	NWNW	8.40	5.50	S, P	Owner notified	N/A
105-45-065	6	25	33	SWNW	1.10	1.10	S, P	Owner notified	N/A
109-64-009E	6	24	13	SESE	3.40	3.40	S	Owner notified	N/A
109-64-009F	6	24	13	SESE	0.90	0.80	S	Owner notified	N/A
102-35-002	7	26	15	NESE	28.20	23.20	S, P	N/A	N/A
102-35-002	7	26	15	NWSE	14.60	14.60	S, P	N/A	N/A

PARCEL/OWNER NO.	TWP	RNG	SEC	1/4-1/4	DECREED	TBI	Audit	RESULTS OF AUDIT	PAYBACK & PENALTY
105-45-020	6	25	33	SESW	12.20	11.40	S, P	Owner notified	N/A
106-84-004C	6	24	13	SWSW	9.00	5.50	S	Owner notified	N/A
101-20-038	7	26	18	NENW	15.30	14.1	S, P	Owner notified	N/A
105-35-073	6	25	29	SESE	6.00	5.50	S	Owner notified	N/A
105-35-007	6	25	29	SESE	4.90	4.50	S	Owner notified	N/A
105-35-003	6	25	29	NESE	11.20	11.20	S	Owner notified	N/A
105-35-003	6	25	29	NWSE	9.70	9.00	S	Owner notified	N/A
105-35-093	6	25	29	SWSE	26.00	26.00	S	Owner notified	N/A
105-35-093	6	25	29	SESE	7.10	7.10	S	Owner notified	N/A
104-15-004	7	25	4	SENE	11.00	0.00	S	Owner notified	N/A
105-36-072	6	25	30	SESW	27.20	27.20	S	Owner notified	N/A
105-36-009A	6	25	30	SESW	0.60	0.60	S	Owner notified	N/A
109-75-007	6	24	24	SENE	7.00	7.00	S	Owner notified	N/A
101-20-037	7	26	18	NWNW	7.30	7.30	S	Owner notified	N/A
104-17-050	7	25	4	NESE	8.70	8.70	S	Owner notified	N/A
105-36-011	6	25	30	SESE	16.30	16.30	S	Owner notified	N/A
109-75-037B	6	24	24	SWNE	13.5	12.50	S	Owner notified	N/A
105-35-017	6	25	29	NWSW	1.74	1.74	S	Owner notified	N/A
105-35-072	6	25	29	NWSW	2.70	2.70	S	Owner notified	N/A
105-36-014A	6	25	30	NESE	7.60	7.10	S	Owner notified	N/A
105-36-014A	6	25	30	NWSE	1.40	1.40	S	Owner notified	N/A
105-36-014C	6	25	30	NESE	32.40	30.40	S	Owner notified	N/A
105-36-014C	6	25	30	NWSE	5.40	5.40	S	Owner notified	N/A
105-37-017	6	25	30	SENE	10.10	10.10	S	Owner notified	N/A
105-36-017A	6	25	30	SENE	1.00	1.00	S	Owner notified	N/A
104-04-022	7	25	2	SWNW	10.00	8.50	S, P	Owner notified	N/A
104-04-066	7	25	2	SWNW	4.70	2.40	S, P	Owner notified	N/A
104-04-070	7	25	2	NWNW	29.30	26.80	S, P	Owner notified	N/A
104-04-086	7	25	2	SWNW	9.40	9.00	S, P	Owner notified	N/A
104-04-086	7	25	2	NWNW	9.80	0.60	S, P	Owner notified	N/A
104-04-086	7	25	2	NENW	9.90	6.80	S, P	Owner notified	N/A
104-04-086	7	25	2	SESW	4.80	4.60	S, P	Owner notified	N/A
104-04-088	7	25	2	SWNW	1.80	1.50	S, P	Owner notified	N/A
104-09-024	7	25	2	SESE	8.00	8.00	S, P	Owner notified	N/A
104-09-186	7	25	2	NESE	4.40	4.40	S, P	Owner notified	N/A
105-44-001	6	25	33	NENE	19.00	19.00	S, P	Owner notified	N/A
104-11-018	7	25	3	SESW	21.10	21.10	S, P	Owner notified	N/A
104-11-018	7	25	3	SESW	2.30	2.30	S	Owner notified	N/A
104-11-018	7	25	3	NESE	17.90	17.90	S	Owner notified	N/A
105-45-022	6	25	33	SESW	9.40	1.20	S, P	Owner notified	N/A
109-73-005	6	24	23	NENE	13.10	13.10	S	Owner notified	N/A
109-73-005	6	24	23	NWNE	30.00	30.00	S	Owner notified	N/A
109-73-005	6	24	23	SENE	16.70	16.70	S	Owner notified	N/A
109-73-005	6	24	23	NWNE	31.30	31.30	S	Owner notified	N/A
109-73-005	6	24	23	NWNE	18.00	18.00	S	Owner notified	N/A
109-73-005	6	24	23	NESE	0.90	0.90	S	Owner notified	N/A
104-33-034	7	25	12	SESW	10.28	6.10	S, P	N/A	N/A
104-33-024	7	25	12	SESW	15.80	11.80	S, P	N/A	N/A
104-33-031A	7	25	12	NENW	6.60	6.60	S, P	N/A	N/A
104-04-096A	7	25	2	SWNE	13.12	12.70	S, P	N/A	N/A
104-04-096A	7	25	2	SENE	5.20	4.90	S, P	N/A	N/A
104-04-074E	7	25	2	SWNE	8.05	7.80	S, P	N/A	N/A

PARCEL/OWNER NO.	TWP	RNG	SEC	1/4-1/4	DECREED	TBI	Audit	RESULTS OF AUDIT	PAYBACK & PENALTY		
104-04-077	7	25	2	SENE	6.90	6.70	S, P	N/A	6.70	acres planted	N/A
105-47-019C	6	25	33	SESE	24.90	20.20	S, P	N/A	20.20	acres planted	N/A
105-13-009	6	25	19	NWNW	6.55	6.20	S, P	N/A	6.20	acres planted	N/A
105-13-009	6	25	19	NENW	5.04	0.00	S, P	N/A	0.00	acres planted	N/A
105-13-015	6	25	19	NWNW	4.80	4.80	S, P	N/A	4.80	acres planted	N/A
105-13-015	6	25	19	SWNW	3.34	2.80	S, P	N/A	2.80	acres planted	N/A
105-35-095A	6	25	29	NWNW	18.20	18.20	S	Owner notified	0.00	supplement filed	N/A
105-35-095A	6	25	29	SWNW	16.20	16.20	S	Owner notified	0.00	supplement filed	N/A
105-36-018F	6	25	30	NENE	4.60	4.60	S	Owner notified	0.00	supplement filed	N/A
105-36-018F	6	25	30	SENE	5.10	5.10	S	Owner notified	0.00	supplement filed	N/A
105-36-018J	6	25	30	NENE	10.50	10.50	S	Owner notified	0.00	supplement filed	N/A
104-12-022	7	25	3	SWNW	24.20	23.40	S	Owner notified	9.00	ac.planted w/supplement	N/A
104-12-022	7	25	3	NWSW	36.80	34.50	S	Owner notified	0.00	ac.planted w/supplement	N/A
104-12-022	7	25	3	SWSW	6.60	4.30	S	Owner notified	0.00	ac.planted w/supplement	N/A
104-12-022	7	25	3	SENW	0.70	0.70	S	Owner notified	0.70	ac.planted w/supplement	N/A
104-12-011	7	25	3	SWSW	0.90	0.60	S	Owner notified	0.60	ac.planted w/supplement	N/A
104-12-003B	7	25	3	SWSW	7.60	7.00	S	Owner notified	7.00	ac.planted w/supplement	N/A
104-12-005	7	25	3	SWNW	7.60	7.00	S	Owner notified	7.00	ac.planted w/supplement	N/A
104-15-015	7	25	4	SENE	25.50	25.50	S, P	Owner notified	16.50	ac.planted w/supplement	N/A
104-15-015	7	25	4	NENE	8.10	8.10	S, P	Owner notified	8.10	ac.planted w/supplement	N/A
105-36-073	6	25	30	SENW	35.60	14.20	S, P	Owner notified	14.20	ac.planted w/supplement	N/A
102-35-010	7	26	15	SWNW	37.03	37.03	S, P	Owner notified	0.00	ac.planted w/supplement	N/A
102-35-010	7	26	15	SENW	36.60	36.60	S, P	Owner notified	0.00	ac.planted w/supplement	N/A
102-35-010	7	26	15	NESW	3.20	3.20	S, P	Owner notified	0.00	supplement filed	N/A
109-75-028	6	24	24	NENE	0.45	0.43	S	Owner notified	0.43	acres planted	N/A
109-75-028	6	24	24	NWNE	4.30	4.30	S	Owner notified	4.30	acres planted	N/A
104-04-012	7	25	2	NENW	18.40	18.40	S, P	N/A	18.40	acres planted	N/A
104-04-012	7	25	2	SENW	9.10	9.10	S, P	N/A	9.10	acres planted	N/A
104-04-093	7	25	2	SENW	6.89	6.50	S, P	N/A	6.50	acres planted	N/A
105-44-002	6	25	33	NENE	17.30	17.30	S, P	N/A	17.30	acres planted	N/A
104-04-014	7	25	2	NENW	9.60	9.60	S, P	N/A	9.60	acres planted	N/A
104-04-014	7	25	2	SENW	4.70	4.70	S, P	N/A	4.70	acres planted	N/A
104-04-098C	7	25	2	SENW	4.40	3.10	S, P	N/A	3.10	acres planted	N/A
105-34-012	6	25	28	SWSE	50.40	48.10	S, P	Owner notified	48.10	acres planted	N/A
102-17-003A	7	26	7	NWSE	6.51	5.70	S	Owner notified	5.70	supplement filed	N/A
102-18-063C	7	26	7	SWSE	1.62	1.62	S	Owner notified	0.00	supplement filed	N/A
102-18-030A	7	26	7	SWSE	3.33	2.50	S	Owner notified	2.50	supplement filed	N/A
102-18-063E	7	26	7	SWSE	10.98	4.50	S	Owner notified	4.50	supplement filed	N/A

DECREED ACRES AUDITED:	7,447.38
TBI ACRES REPORTED:	28,202.13
PERCENT AUDITED IN 2004:	26.0%
TOTAL PAYBACK & PENALTIES: 0.0	

**2004 SUMMARY OF AUDITS
SAN CARLOS APACHE TRIBE**

All parcels in San Carlos Apache Tribe Area reviewed by Satellite maps

PARCEL/OWNER NO.	DECREED Acres	TBI	Audit	RESULTS OF AUDIT	PAYBACK & PENALTY
1041	41.40	0.00	S,P	N/A	N/A
1043	23.60	23.60	S,P	0.00	0.00
1044	12.90	12.90	S,P	N/A	23.60
1045	39.70	39.70	S,P	N/A	12.90
1046	34.60	34.60	S,P	N/A	39.70
1021 W	13.10	13.10	S,P	N/A	34.60
1021 E	25.10	25.10	S,P	N/A	13.10
1022 W	21.10	21.10	S,P	N/A	25.10
1022 E	14.10	14.10	S,P	N/A	21.10
1047	27.20	27.20	S,P	N/A	14.10
1048	14.80	14.80	S,P	Owner notified	0.00
1049	22.30	22.30	S,P	Owner notified	0.00
1050	21.50	21.50	S,P	Owner notified	0.00
DECREED ACRES AUDITED: 270.00					
TBI/ACRES REPORTED: 270.00					
PERCENT AUDITED IN 2004: 100.0%					
TOTAL PAYBACK & PENALTIES: 0.00					

S - Satellite Image
P - Physical audit
WC - Water Card

**2004 SUMMARY OF AUDITS
ASARCO INC. AGRICULTURAL LANDS (JJ Anderson Lands)**

TWP.	RNG.	SEC.	DECREED ACRES	TBI ACRES	RESULTS OF AUDIT	RESULTS OF INFORMAL RESOLUTION	PAYBACK & PENALTY
4S	14E	35	167.07	0.00	not registered	NA	NA
4S	14E	36	47.80	0.00	not registered	NA	NA
DECREED ACRES AUDITED:				214.87			
TBI ACRES REPORTED:				0.00	PERCENT AUDITED IN 2004: 0.0		

**2004 SUMMARY OF AUDITS
SAN CARLOS IRRIGATION & DRAINAGE DISTRICT**

All parcels in San Carlos Irrigation District reviewed by Satellite maps

PARCEL/OWNER NO.	TWP	RNG	SEC	DECREED	TBI	Audit	Results of Audit	PAYBACK & PENALTY
4925-33	4	9	25	33.53	21.40	S, WC, P	21.40 acres planted	N/A
4925-11	4	9	25	10.00	9.70	S, WC, P	9.00 acres planted	N/A
4926-42	4	9	26	55.00	40.00	S, WC, P	40.00 acres planted	N/A
4927-33	4	9	27	150.00	113.40	S, WC, P	113.40 acres planted	N/A
4929-34	4	9	29	85.00	74.30	S, WC, P	74.30 acres planted	N/A
4932-221	4	9	32	5.00	3.50	S, WC	3.50 acres planted	N/A
4934-4	4	9	34	190.02	55.00	S, WC, P	55.00 acres planted	N/A
4934-21	4	9	34	155.00	51.80	S, WC, P	51.80 acres planted	N/A
4935-32	4	9	35	50.00	0.00	S, WC, P	0.00 acres planted	N/A
4935-312	4	9	35	50.00	30.00	S, WC, P	30.00 acres planted	N/A
4935-13	4	9	35	127.01	18.00	S, WC, P	18.00 acres planted	N/A
4936-214	4	9	36	45.62	0.00	S, WC, P	0.00 supplement filed	N/A
4936-22	4	9	36	93.15	18.10	S, WC, P	0.00 supplement filed	N/A
4936-242	4	9	36	11.00	10.00	S, WC	5.00 ac.planted w/supplement	N/A
4936-432	4	9	36	16.00	5.00	S, WC, P	0.00 acres planted	9.0 ac / ft
4936-4113	4	9	36	5.00	3.50	WC	3.50 acres planted	N/A
4936-4143	4	9	36	6.00	5.00	WC	5.00 acres planted	N/A
41020-3	4	10	20	30.00	30.00	S, WC, P	20.00 acres planted	N/A
41029-33	4	10	29	70.00	0.00	S, WC, P	0.00 supplement filed	N/A
41029-3411	4	10	29	5.00	3.00	S, WC, P	3.00 acres planted	N/A
41029-2	4	10	29	160.00	150.00	S, WC, P	150.00 acres planted	N/A
41029-31	4	10	29	80.00	75.00	S, WC, P	0.00 acres planted	90.0 ac / ft
41029-4	4	10	29	288.18	160.00	S, WC, P	160.00 acres planted	N/A
41029-3444	4	10	29	5.00	2.50	WC	2.50 acres planted	N/A
41030-1	4	10	30	120.00	115.00	S, WC, P	115.00 acres planted	N/A
41030-4	4	10	30	315.00	300.00	S, WC, P	260.00 acres planted	N/A
41031-1	4	10	31	160.00	105.00	S, WC, P	105.00 acres planted	72.0 ac / ft
41031-21	4	10	31	141.54	130.00	S, WC, P	130.00 acres planted	N/A
41031-32	4	10	31	40.00	36.00	S, WC, P	36.00 acres planted	N/A
41031-231	4	10	31	2.08	2.00	WC	2.00 acres planted	N/A
41031-232	4	10	31	4.08	2.00	WC	2.00 acres planted	N/A
41031-234	4	10	31	1.98	1.00	WC	1.00 acres planted	N/A
41031-41	4	10	31	80.00	80.00	S, WC, P	80.00 acres planted	N/A
41031-3124	4	10	31	7.00	6.50	WC	6.50 acres planted	N/A
41031-34	4	10	31	67.47	40.00	S, WC, P	0.00 acres planted	72.0 ac / ft
41032-21	4	10	32	96.07	30.00	S, WC, P	0.00 supplement filed	N/A
582-1	5	8	2	280.00	125.00	S, WC, P	50.00 ac.planted w/supplement	N/A
587-41	5	8	7	240.00	220.00	S, WC, P	50.00 ac.planted w/supplement	N/A
587-32	5	8	7	239.92	55.00	S, WC, P	55.00 acres planted	N/A
588-14	5	8	8	160.00	23.80	S, WC, P	23.80 acres planted	N/A
588-3	5	8	8	160.01	39.00	S, WC, P	39.00 acres planted	N/A
592-1211	5	9	2	1.40	1.10	WC	1.00 acres planted	N/A
589-1	5	8	9	395.90	195.00	S, WC, P	195.00 acres planted	N/A
5817-1	5	8	17	160.00	150.00	S, WC, P	130.00 acres planted	36 ac / ft
5817-4	5	8	17	160.00	150.00	S, WC, P	150.00 acres planted	N/A
5817-3	5	8	17	160.00	150.00	S, WC, P	40.00 acres planted	198.00 ac / ft
5818-4	5	8	18	160.00	71.00	S, WC, P	71.00 acres planted	N/A
5821-41	5	8	21	57.69	37.50	WC	37.50 acres planted	N/A
5821-42	5	8	21	59.69	50.00	WC	50.00 acres planted	N/A

PARCEL/OWNER NO.	TWP	RNG	SEC	DECREED	TBI	Audit	Results of Audit	PAYBACK & PENALTY
5821-443	5	8	21	11.77	6.00	WC	Owner notified	6.00 acres planted
5821-1412	5	8	21	13.99	7.00	WC	Owner notified	7.00 acres planted
5823-13	5	8	23	20.00	18.5	WC	Owner notified	6.00 acres planted
5823-12	5	8	23	40.00	30.00	WC	Owner notified	30.00 acres planted
5823-11	5	8	23	5.00	4.25	WC	Owner notified	4.25 acres planted
5823-31	5	8	23	160.00	53.00	S, WC, P	Owner notified	53.00 acres planted
5916-4114	5	9	16	20.00	19.00	S, WC, P	Owner notified	1916 priority date
5917-1	5	9	17	160.00	105.40	S, WC, P	N/A	105.40 acres planted
5918-4	5	9	18	118.66	100	S, WC, P	Owner notified	39.00 ac.planted w/supplement
5918-3	5	9	18	200.00	180.00	S, WC, P	N/A	180.00 acres planted
5919-1143	5	9	19	3.23	2.50	WC	N/A	2.50 acres planted
5919-12	5	9	19	35.55	27.00	S, WC, P	N/A	27.00 acres planted
5919-11	5	9	19	98.79	0.00	S, WC, P	N/A	0.00 acres planted
5919-21	5	9	19	17.55	14.00	S, WC, P	N/A	14.00 acres planted
5919-22	5	9	19	106.67	25.00	S, WC	Owner notified	2.00 ac.planted w/supplement
5919-213	5	9	19	31.56	25.00	S, WC, P	Owner notified	25.00 acres planted
5920-311	5	9	20	6.45	5.00	S, WC, P	Owner notified	5.00 acres planted
5920-1	5	9	20	137.00	0.00	S, WC, P	N/A	0.00 acres planted
5920-12	5	9	20	35.85	25.00	S, WC, P	Owner notified	25.00 acres planted
5920-11	5	9	20	10.20	10.00	S, WC, P	Owner notified	10.00 acres planted
5920-41	5	9	20	62.33	5.00	WC	Owner notified	5.00 acres planted
5920-243	5	9	20	10.34	6.00	WC	Owner notified	20.00 acres planted
5920-31	5	9	20	24.00	20.00	S, WC, P	N/A	15.00 acres planted
5921-41	5	9	21	15.23	15.00	S, WC, P	N/A	0.00 acres planted
5921-3	5	9	21	168.10	100.00	S, WC, P	Owner notified	0.00 acres planted
5928-22	5	9	28	48.63	35.00	S, WC, P	Owner notified	35.00 acres planted
5931-2	5	9	31	160.00	124.40	S, WC, P	Owner notified	0.00 supplement filed
6514-1	6	5	14	167.10	126.00	S, WC, P	Owner notified	126.00 acres planted
6524-233	6	5	24	4.86	3.50	WC	Owner notified	3.50 acres planted
6524-32	6	5	24	20.19	17.00	S, WC, P	Owner notified	0.00 supplement filed
6526-233	6	5	26	10.20	5.20	WC	Owner notified	5.00 acres planted
6535-211	6	5	35	8.32	4.50	S, WC, P	Owner notified	0.00 waved
6627-433	6	6	27	17.37	17.00	S, WC, P	N/A	17.00 acres planted
6627-3	6	6	27	220.00	191.00	S, WC, P	N/A	191.00 acres planted
6629-43	6	6	29	41.50	34.00	S, WC, P	N/A	34.00 acres planted
6629-443	6	6	29	25.00	19.00	S, WC, P	Owner notified	19.00 acres planted
6629-33	6	6	29	80.00	67.00	S, WC, P	N/A	67.00 acres planted
6630-14	6	6	30	45.18	35.00	S, WC, P	Owner notified	35.00 acres planted
6630-41	6	6	30	110.00	0.00	S, WC, P	N/A	0.00 acres planted
6630-12	6	6	30	42.72	39.00	S, WC, P	N/A	39.00 acres planted
6630-3	6	6	30	130.00	34.00	S, WC, P	N/A	34.00 acres planted
6630-2	6	6	30	118.83	6.00	S, WC, P	N/A	6.00 acres planted
6631-411	6	6	31	30.00	22.20	S, WC, P	Owner notified	22.20 acres planted
6631-1	6	6	31	160.00	80.00	S, WC, P	N/A	80.00 acres planted
6632-4	6	6	32	160.00	150.00	S, WC, P	Owner notified	150.00 acres planted
6633-23	6	6	33	160.00	45.00	S, WC, P	Owner notified	45.00 acres planted
6633-33	6	6	33	151.63	60.00	S, WC, P	N/A	60.00 acres planted
6633-423	6	6	33	14.79	13.00	S, WC, P	Owner notified	13.00 acres planted
6633-424	6	6	33	13.53	12.00	S, WC, P	Owner notified	12.00 acres planted
6634-363	6	6	34	9.24	8.50	WC	N/A	8.50 acres planted
6634-371	6	6	34	4.62	4.15	WC	Owner notified	4.15 acres planted
6634-33	6	6	34	38.50	38.00	S, WC, P	Owner notified	38.00 acres planted
6634-361	6	6	34	2.00	1.50	WC	Owner notified	1.50 acres planted
6634-382	6	6	34	3.03	3.00	WC	Owner notified	3.00 acres planted

PARCEL/OWNER NO.	TWP	RNG	SEC	DECREED	TBI	Audit	Results of Audit	PAYBACK & PENALTY
6634-9	6	6	34	18.48	12.00	S, WC, P	Owner notified	12.00 acres planted
6634-3	6	6	34	102.25	88.00	S, WC, P	Owner notified	88.00 acres planted
6722-42	6	7	22	40.00	25.00	S, WC, P	Owner notified	25.00 acres planted
6725-43	6	7	25	80.00	64.00	S, WC, P	Owner notified	64.00 acres planted
6725-41	6	7	25	80.00	30.00	S, WC, P	Owner notified	30.00 acres planted
681-41	6	8	1	318.20	35.00	S, WC, P	Owner notified	12.30 ac.planted w/supplement
6812-1	6	8	12	240.00	190.00	S, WC, P	Owner notified	36.00 ac.planted w/supplement
6813-43	6	8	13	90.00	76.00	S, WC, P	Owner notified	0.00 acres planted
6828-12	6	8	28	120.00	100.00	S, WC, P	Owner notified	56.00 ac.planted w/supplement
6829-2	6	8	29	120.00	97.24	S, WC, P	Owner notified	24.70 acres planted
6829-41	6	8	29	41.91	34.40	S, WC, P	Owner notified	0.00 acres planted
687-13	6	9	7	5.69	3.00	WC	Owner notified	3.00 acres planted
697-4	6	9	7	12.07	11.00	WC	Owner notified	11.00 acres planted
761-1	7	6	1	134.52	60.00	S, WC, P	Owner notified	60.00 acres planted
761-13	7	6	1	120.00	90.00	S, WC, P	Owner notified	90.00 acres planted
761-32	7	6	1	52.65	48.00	S, WC, P	N/A	48.00 acres planted
761-24	7	6	1	86.70	70.00	S, WC, P	N/A	70.00 acres planted
762-1	7	6	2	158.56	100.00	S, WC, P	N/A	0.00 supplement filed
763-11	7	6	3	26.19	10.00	S, WC	Owner notified	10.00 acres planted
764-144	7	6	4	20.86	19.50	S, WC	Owner notified	19.50 acres planted
764-34	7	6	4	209.27	140.00	S, WC	Owner notified	140.00 acres planted
764-142	7	6	4	19.14	10.00	S, WC	N/A	10.00 acres planted
764-34	7	6	4	209.27	140.00	S, WC, P	Owner notified	37.00 acres planted
764-1131	7	6	4	10.00	8.00	S, WC	Owner notified	8.00 acres planted
764-12	7	6	4	79.50	14.00	S, WC	Owner notified	14.00 acres planted
776-2	7	7	6	153.45	143.45	S, WC, P	Owner notified	0.00 supplement filed
5815-1	5	8	15	160.00	30.00	S, WC	Owner notified	0.00 supplement filed
5824-4	5	8	24	159.00	150.00	S, WC	Owner notified	40.00 ac.planted w/supplement
5827-34	5	8	27	20.00	12.00	S, WC	Owner notified	12.00 acres planted
5827-321	5	8	27	43.00	26.00	S, WC	Owner notified	26.00 acres planted
5827-1122	5	8	27	20.14	10.00	S, WC	Owner notified	10.00 acres planted
5827-244	5	8	27	5.04	2.50	S, WC	Owner notified	2.50 acres planted
5827-14	5	8	27	128.72	38.00	S, WC, P	Owner notified	38.00 acres planted
5827-144	5	8	27	35.00	30.00	S, WC, P	Owner notified	15.00 acres planted
5823-1	5	8	23	320.00	80.00	S, WC, P	Owner notified	80.00 acres planted
764-1434	7	6.00	4	1.75	1.75	WC	Owner notified	0.00 acres planted

DECREED ACRES AUDITED:	6,990.54
TBI ACRES REPORTED:	2,067.11
PERCENT AUDITED IN 2004:	27.0%
TOTAL PAYBACK & PENALTIES: 729.00	

**2004 SUMMARY OF AUDITS
GILA RIVER INDIAN COMMUNITY**

All parcels in the Gila River Indian Community District reviewed by Satellite maps

TWP	RNG	SEC	DECREED ACRES	TBI ACRES	AUDIT	RESULTS OF INFORMAL RESOLUTION	PAYBACK & PENALTY
3	4	22	130.00	0.00	S	Owner notified	N/A
3	4	35	600.00	9.00	S	Owner notified	N/A
3	5	3	200.00	0.00	S,P	N/A	N/A
3	5	4	602.76	287.52	S,P	Owner notified	N/A
3	5	5	553.53	287.10	S,P	Owner notified	164.54 ac.planted w/supplement
3	5	6	338.42	163.26	S,P	Owner notified	248.04 ac.planted w/supplement
3	5	10	120.00	0.00	S,P	N/A	144.72 ac.planted w/supplement
3	5	14	90.00	59.31	S	Owner notified	0 acres planted
3	5	15	160.00	32.58	S,P	Owner notified	59.31 ac.planted w/supplement
3	5	16	70.00	0.00	S,P	N/A	32.58 acres planted
3	5	19	28.52	0.00	S,P	N/A	0.00 acres planted
3	5	21	207.20	49.36	S,P	N/A	0.00 acres planted
3	5	22	521.65	65.88	S,P	N/A	49.36 acres planted
3	5	23	630.00	218.30	S,P	Owner notified	65.88 acres planted
3	5	24	220.00	62.93	S,P	N/A	209.61 ac.planted w/supplement
3	5	25	560.10	166.36	S,P	N/A	62.93 acres planted
3	5	26	379.59	255.18	S,P	N/A	166.36 acres planted
3	5	32	510.00	105.90	S	Owner notified	255.18 acres planted
3	6	19	418.74	33.12	S	Owner notified	105.90 ac.planted w/supplement
3	6	30	623.26	34.45	S,P	N/A	0.00 supplement filed
3	6	31	474.70	78.36	S	Owner notified	34.45 acres planted
4	4	2	620.00	349.00	S	Owner notified	78.36 acres planted
4	4	3	636.57	581.9	S	Owner notified	349.00 acres planted
4	4	4	630.24	574.06	S	Owner notified	580.40 acres planted
4	4	5	238.45	50.51	S	Owner notified	566.43 ac.planted w/supplement
4	4	5	431.01	115.45	S	Owner notified	50.51 acres planted
4	4	5	568.40	81.99	S	Owner notified	115.45 acres planted
4	4	8	571.20	551.74	S	Owner notified	81.99 acres planted
4	4	9	571.70	568.42	S	Owner notified	551.74 acres planted
4	4	10	392.00	380.63	S	Owner notified	568.42 acres planted
4	4	11	276.00	267.14	S	Owner notified	380.63 acres planted
4	4	13	586.00	540.19	S	Owner notified	267.14 acres planted
4	4	14	430.00	414.38	S	Owner notified	540.19 acres planted
4	4	15	586.00	546.69	S	Owner notified	382.57 ac.planted w/supplement
4	4	16	576.00	552.71	S	Owner notified	546.69 acres planted
4	4	22	174.20	121.35	S	Owner notified	552.71 acres planted
4	4	23	248.10	239.20	S	Owner notified	121.35 acres planted
4	4	24	349.80	313.02	S	Owner notified	239.20 acres planted
4	6	2	170.00	59.73	S	Owner notified	313.02 acres planted
4	6	3	560.00	183.99	S	Owner notified	52.53 ac.planted w/supplement
4	6	4	601.05	355.32	S,P	N/A	183.99 acres planted
4	6	5	238.72	31.82	S,P	N/A	355.32 acres planted
4	6	6	189.43	24.08	S,P	N/A	31.82 acres planted
4	6	11	306.36	166.10	S	Owner notified	24.08 acres planted
4	6	14	300.00	112.59	S,P	Owner notified	166.10 acres planted
4	6	15	47.00	5.00	S,P	Owner notified	103.59 ac.planted w/supplement
4	6	16			S,P	N/A	5.00 acres planted

TWP	RNG	SEC	DECREED ACRES	TBI ACRES	AUDIT	RESULTS OF INFORMAL RESOLUTION	PAYBACK & PENALTY
4	6	18	570.50	561.63	S	Owner notified	N/A
4	6	19	539.60	504.30	S	Owner notified	N/A
4	7	18	253.22	8.22	S	0.00 supplement filed	N/A
4	7	35	500.00	249.95	S	Owner notified	N/A
4	7	36	599.06	207.99	S,P	Owner notified	N/A
4	8	30	230.30	27.00	S	Owner notified	N/A
4	8	31	339.92	49.20	S,P	N/A	N/A
4	8	32	140.78	75.78	S,P	N/A	N/A
4	8	33	317.98	81.00	S	Owner notified	N/A
5	7	1	1153.33	561.88	S,P	Owner notified	N/A
5	7	12	370.00	84.69	S,P	N/A	N/A
5	8	5	149.03	70.39	S	Owner notified	N/A
5	8	6	379.78	45.38	S,P	Owner notified	N/A
5	8	7	156.67	94.14	S,P	N/A	N/A
						561.63 acres planted	
						504.30 acres planted	
						0.00 supplement filed	
						249.95 acres planted	
						196.07 acres planted	
						26.18 ac.planted w/supplement	
						49.20 acres planted	
						75.80 acres planted	
						81.00 acres planted	
						561.88 acres planted	
						84.69 acres planted	
						70.39 acres planted	
						45.38 acres planted	
						94.14 acres planted	

DECREED ACRES AUDITED:	11,718.17
TBI ACRES REPORTED:	17,626.30
PERCENT AUDITED IN 2004:	55.0%
TOTAL PAYBACK & PENALTIES: 0.00	

CALENDAR YEAR 2004

GILA RIVER DECREED ACREAGES AND DIVERSIONS

<u>DUNCAN VALLEY CANALS</u>	<u>Acreages</u>	<u>T B I Acres</u>	<u>Acre-feet</u>	<u>Duty T B I a-f/a</u>
Sunset	2,759.90	2,429.83	4,689	1.93
New Model	2,717.55	2,281.60	2,836	1.24
Valley	1,387.20	1,030.20	1,499	1.46
Colmenero	441.00	0	0	0
Sexton	137.90	0	0	0
R. Sexton	144.10	0	0	0
York	315.10	0	0	0
Albert	8.80	0	0	0
F E Ross	11.60	0	0	0
R K Davis	26.30	0	0	0
J H Brown	25.60	0	0	0
York Cattle	49.80	0	0	0
Laura Short	36.50	0	0	0
Totals	8,061.35	5,741.63	9,024	1.57

Water issued for 5,741.63 T.B.I. acres on 12/01/04. Monthly modification of T.B.I. Acres are shown on diversions plates.

<u>SAFFORD VALLEY DIVERSIONS</u>	<u>Acreages</u>	<u>T B I Acres</u>	<u>Acre-feet</u>	<u>Duty T B I a-f/a</u>
Consolidated Brown	1,326.90	1,033.33	1,174	1.14
Fourness	210.70	189.60	342	1.80
San Jose	4,150.03	3,695.01	7,074	1.91
Montezuma	4,835.96	3,856.83	5,874	1.52
Union	7,371.96	5,974.20	8,153	1.36
Graham	4,217.68	3,881.23	3,428	0.88
Smithville	2,549.33	2,300.49	4,271	1.86
Dodge-Nevada	2,516.54	2,391.44	2,997	1.25
Curtis	1,971.70	1,751.15	4,151	2.37
Fort Thomas	3,155.70	2,963.35	4,713	1.59
Colvin-Jones	205.90	165.5	0	0.00
Totals	32,512.40	28,202.13	42,177	1.50

Water issued for 28,202.13 T.B.I. acres on 12/01/04. Monthly modification of T.B.I. Acres are shown on diversions plates.

<u>SAN CARLOS APACHE RESERVATION</u>	<u>Acreages</u>	<u>T B I Acres</u>	<u>Acre-feet</u>	<u>Duty T B I a-f/a</u>
Black Point	73.40	73.40	137	1.86
Bylas (Navajo Point)	152.20	111.10	375	3.37
Anderson Flat	85.80	85.50	0	0.00
Non-designated lands	688.60			
Totals	1,000.00	270.00	511	1.89

Water issued for 270.00 T.B.I. acres on 12/01/04. Monthly modification of T.B.I. Acres are shown on diversions plates.

<u>WINKELMAN VALLEY</u>	<u>Acreages</u>	<u>T B I Acres</u>	<u>Acre-feet</u>	<u>Duty T B I a-f/a</u>
Industrial/Municipal (ASARCO) ⁽¹⁾	793.00	793.00	11,161	
Domestic/Municipal (Keamy, Arizona)	101.73	101.73	289	2.83
Farmlands	244.16	0	0	
J J Anderson	196.27	0	0	
Totals	1,335.16	894.73	11,450	

Water issued for 894.73 T. B. I. Acres on 12/01/04. Monthly modification of T.B.I. Acres are shown on diversions plates.

<u>UNITED STATES OF AMERICA</u>	<u>Acreages</u>	<u>T B I Acres</u>	<u>Decreed Duty a-f/a</u>	<u>TBI Duty a-f/a</u>
Indian lands (Allotted/Tribal)	50,000	17,626.60	34,847	0.69
Federal Agencies	546	0	5,045	0.10
	50,546	17,626.60	39,892	0.79
White Lands				
San Carlos Irrigation & Drainage Dist	50,000	20,263.11	21,305	0.43
			4,494	0.09
	50,000	20,263.11	25,799	0.52
Natural Flow Lands	1,544.5	408.00	362	0.23
	51,544.5	20,671.11	26,161	0.75
Totals	102,090.5	38,297.71	66,053	0.65
	102,090.5	38,297.71	56,514	0.55
	100,546	38,297.71	9,539	0.09

Water issued 38,297.71 T.B.I. acres on 12/01/04. Monthly modification of T.B.I. Acres are shown on diversions plates.

Diversions from Picacho Reservoir are reflected above.

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

SAN CARLOS APACHE TRIBE FARM REPORT
2004

Anderson Flat

This annual farm report by the GWC is pursuant to the Courts Water Quality Injection 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)	Source of Water Applied					Use of Crop	Crop Yield (ton/acre)	Comments or Unusual Problems	Data By GWC	
					Dates Irrigated (From-To)	Gila River Diversions (ac-ft)	Water Quality (uS/cm)	Tribal Wells (ac-ft)	Water Quality (uS/cm)				Combined River & Wells	Date
Jan	1047	none		42.0		0	0							
	1048	presently		43.8		0	0				Disked fields			
	1050	presently				0	0				Disked field #1050			
Feb	1047	none		42.0		0	0				Fields are ready for planting.			
	1048	presently		43.8		0	0				Planting planned for September			
	1049	presently				0	0				Planting planned for September			
Mar	1047	none		42.0		0	0				Fields are ready for planting.			
	1048	presently		43.8		0	0				Planting planned for September			
	1049	presently				0	0				Planting planned for September			
Apr	1047	none		42.0		0	0				Disked			
	1048	presently		43.8		0	0				Planting planned for September			
	1049	presently				0	0				Disked			
May	1047	none		42.0		0	0				Field preparations			
	1048	presently		43.8		0	0				Planting planned for September			
	1049	presently				0	0				Field preparations			
June	1047	none		42.0		0	0				Planting planned for September			
	1048	presently		43.8		0	0				Planting planned for September			
	1049	presently				0	0				Planting planned for September			
July	1047	none		42.0		0	0				Planting planned for September			
	1048	presently		43.8		0	0				Planting planned for September			
	1049	presently				0	0				Planting planned for September			
Aug	1047	none		42.0		0	0				Sprayed and cleared weeds. Cleared ditches.			
	1048	presently		43.8		0	0				Sprayed and cleared weeds. Cleared ditches.			
	1049	presently				0	0				Field preparations			
Sept	1047	none		42.0		0	0				Field preparations			
	1048	presently		43.8		0	0				Field preparations			
	1049	presently				0	0				Field preparations			
Oct	1047	none		42.0		0	0				Field preparations			
	1048	presently		43.8		0	0				Field preparations			
	1049	presently				0	0				Field preparations			
Nov	1047	none		27.2		0	0				Cleaned ditches and burned weeds. Removed from TBI 12/04			
	1048	presently		14.8		0	0				Field removed from 2004 TBI in December			
	1049	presently		22.3		0	0				Field removed from 2004 TBI in December			
Dec	1047	none		21.5		0	0				Field removed from 2004 TBI in December			
	1048	presently		0.0		0	0				Field removed from 2004 TBI in December			
	1049	presently		0.0		0	0				Field removed from 2004 TBI in December			
Totals for Anderson Flat													85.8	0
Duty for Anderson Flat (ac/ft/acre)													0	0

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SAN CARLOS APACHE TRIBE FARM REPORT
2004

Black Point

This annual farm report by the GWC is pursuant to the Courts Water Quality litigation 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 (TB)	Source of Water Applied					Water Quality (uS/cm)	Combined River & Wells	Use of Crop	Crop/Field (ton/acre)	Comments or Unusual Problems	Data By GWC	
					Dates Irrigated (From-To)	Gila River Diversions (ac-ft)	Water Quality (uS/cm)	Tribal Wells (ac-ft)	Water Quality (uS/cm)						Date	Water Quality (uS/cm)
Jan	1021W	none		38.2								0	Planting planned for September			
	1021E	presently			0		0					0	Planted oats Jan 6-9. Called for water on Jan 9-Call could not be fulfilled due to GRIC's priority call.			
	1022E	Oats		35.2								0				
Feb	1021W	none		38.2								0	Could not take water all month due to GRIC's priority call.			
	1021E	presently			0		0					0				
	1022W	Oats		35.2								0				
Mar	1021W	none		38.2								0	Operational difficulties with pumps and meters. Water quality values represent the range of water quality reported by the Water Commissioner as measured at the Geronimo station.			
	1021E	presently			0		0		0.13			0				
	1022W	Oats		35.2	3/15/04 (pump leaky) 3/17/04-5/27/04	0.13 31.92	0	690-910		31.92		0				
Apr	1021W	none		38.2								0	Planting planned for September			
	1021E	presently			0		0					0				
	1022W	Oats		35.2	4/18/04-4/28/04	29.87	0	610-970		29.87		0	Operational difficulties with pumps. Water quality values represent the range of water quality reported by the Water Commissioner as measured at the Geronimo station. Field debris washed out due to rain.			
May	1021W	none		38.2								0	Field preparations			
	1021E	presently			0		0					0	Planting planned for September			
	1022W	Oats		35.2	5/12/04-5/16/04 5/18/04-5/24/04	0 23.45	3.53 11.04	1930-2110 2280-2540		3.53 34.48		0	When pumped from 1 well to another using 200 gpm. River water quality values represent the range of water quality reported by Water Commissioner as measured at Geronimo station. Water quality readings for the well could not be taken because the well meter was replaced.			
June	1021W	none		38.2								0	Planting planned for September			
	1021E	presently			0		0					0.90	Cut and baled oats. Repaired pump. Low yield due in part to lack of water and root cut too deep.			
	1022W	Oats		35.2								0	Disks and ripped fields. Cleaned out ditch.			
July	1021W	none		38.2								0	Disks and ripped fields.			
	1021E	presently			0		0					0	Disks fields.			
	1022W	none		35.2								0	Disks fields.			
Aug	1021W	none		38.2								0	Field preparations			
	1021E	presently			0		0					0	Field preparations			
	1022W	none		35.2								0	Field preparations			
Sept	1021W	none		38.2								0	Field preparations			
	1021E	presently			0		0					0	Field preparations			
	1022W	none		35.2								0	Field preparations			
Oct	1021W	Alfalfa		38.2								0	Finished planting alfalfa 11/18/04			
	1021E	none			0		0					0	Field preparations			
	1022E	presently		35.2	1/29/04-1/30/04	7.45	1,100-1,120	3.5	3,340	10.95		0	River water quality values represent the range of water quality reported by the Water Commissioner as measured at the Geronimo Station. Water pumped from groundwater well estimated at 500 gpm. West water sub coming from hand-held meter.			
Nov	1021W	Alfalfa		38.2								0	Planting planned for 12/20/04 or 1/20/05			
	1021E	none			0		0					0	Field preparations			
	1022E	presently		35.2								0	Field preparations			
Dec	1021W & E	Alfalfa		38.2	12/1/04-12/10/04	44.32	1,100-1,190	20.53	3,598	64.85		0	River water quality values represent the range of water quality reported by the Water Commissioner as measured at the Geronimo Station. Water pumped from groundwater well estimated at 500 gpm. West water quality value is average of 4.7 line readings from hand-held meter.			
	1022W	none			0		0					0	Field preparations			
	1022E	presently		35.2								0	Disks field. Planting planned for 1/20/05			
Totals for Black Point				73.4	136.84		38.80			175.44						
Duty for Black Point (ac-ft/acre)				1.88												

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SAN CARLOS APACHE TRIBE FARM REPORT
2004

Navejo Point
This annual farm report by the GWC is pursuant to the Courts Water Quality Judgment 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 (Tb)	Source of Water Applied				Water Combined Quantity River & Wells (g/cu)	Use of Crop (ton/acre)	Crop Yield (ton/acre)	Comments or Unusual Problems	Data By GWC	
					Dates Irrigated (From-To)	Gila River Diversion (ac-ft)	Water Quantity (g/cu)	Tribal Wells (ac-ft)					Water Quantity (g/cu)	Date
Jan	1041	none		36.5										
	1043 & 1044	none		39.7										
	1045	none		34.6										
	1046	Alfalfa		41.4										
Feb	1041	none		36.5										
	1043 & 1044	none		39.7										
	1045	none		34.6										
	1046	Alfalfa		41.4										
Mar	1041	none		36.5										
	1043 & 1044	none		39.7										
	1045	none		34.6										
	1046	Alfalfa		41.4										
Apr	1041	none		36.5										
	1043 & 1044	none		39.7										
	1045	none		34.6										
	1046	Alfalfa		41.4										
May	1041	none		36.5										
	1043 & 1044	none		39.7										
	1045	none		34.6										
	1046	Alfalfa		41.4										
June	1041	none		36.5										
	1043 & 1044	none		39.7										
	1045	none		34.6										
	1046	Alfalfa		41.4										
July	1041	none		36.5										
	1043 & 1044	none		39.7										
	1045	none		34.6										
	1046	Alfalfa		41.4										
Aug	1041	none		36.5										
	1043 & 1044	none		39.7										
	1045	none		34.6										
	1046	Alfalfa		41.4										
Sept	1041	none		36.5										
	1043 & 1044	none		39.7										
	1045	none		34.6										
	1046	Alfalfa		41.4										
Oct	1041	none		36.5										
	1043 & 1044	none		39.7										
	1045	none		34.6										
	1046	Alfalfa		41.4										
Nov	1041	none		36.5										
	1043 & 1044	none		39.7										
	1045	none		34.6										
	1046	Alfalfa		41.4										
Dec	1041	none		36.5										
	1043 & 1044	none		39.7										
	1045	none		34.6										
	1046	Alfalfa		41.4										
Totals for Navejo Point				36.5	315.10	0	127.85	503.95						
Totals for Navejo Point (acres)				162.2										

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2004

DUNCAN VALLEY: 8,061.35 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	19.0	19.0								33.4	19.2	14.2	31.8	10.7	20.9			
2	18.9	18.9								32.8	11.8	21.2	32.3	5.5	28.8			
3	19.0	19.0								32.9	32.9		32.2	12.0	20.2			
4	19.0	19.0								34.1	34.1		32.1		32.1	4.3		4.3
5	14.2	14.2					3.7	3.7		33.7	33.7		31.8	16.1	15.5	5.5		5.5
6	2.3	2.3					11.1	11.1		33.6	33.6		31.8		31.8	5.5		5.5
7							11.1	11.1		43.7	43.7		25.0		25.0	5.5		5.5
8							28.4	28.4		48.2	48.2		10.1		10.1	5.5		5.5
9							48.1	48.1		50.4	50.4		10.0		10.0	5.4		5.4
10							51.0	51.0		49.7	49.7		10.0		10.0	2.2		2.2
11							51.4	51.4		48.4	48.4		10.1		10.1			
12							53.4	53.4		49.7	49.7		10.0		10.0			
13							54.4	54.4		49.9	49.9		9.8		9.8			
14							54.3	54.3		53.8	53.8		4.5		4.5			
15							54.2	54.2		56.7	56.7							
16							54.1	54.1		58.8	34.6	24.2						
17							54.1	54.1		54.3	5.5	48.8						
18							34.5	34.5		48.1		48.1						
19							30.3	30.3		48.0		48.0						
20							44.4	44.4		47.5	5.5	42.0						
21										34.4	12.0	22.4						
22										27.8	19.3	8.3						
23										38.7	31.2	7.5						
24										35.4	33.7	1.7						
25							7.9	7.9		30.0	30.0							
26							19.1	18.9	0.2	25.7	25.4	0.3						
27							18.8	18.7	0.1	26.5	12.0	14.5						
28							18.5	18.4	0.1	29.0	16.1	12.9						
29							18.3	18.1	0.2	28.7	5.5	23.2						
30							17.8		17.9	31.3	12.0	19.3						
31							28.4	10.4	18.0									
Total	92.4	92.4					763.4	728.9	36.5	1215.8	858.2	358.6	281.1	44.3	238.8	33.9		33.8
Acres-foot		183							1514		2411			558				87
Priority Diverted		183							1442		1704			87				
Apport Diverted									73		707			469				87
Appor diverted to date									73		780			1249				1316
TBI Acreage		5832.88					5717.28		5742.83		5741.83			5741.83				5741.83
Apportioned									683		1371			1371				1371
Duty		0.03					0.00		0.28		0.42			0.10				0.01

Funding requests have been ordered for individual diversions from Jan. 1, 2004, by reduction of equipment set of apportionment in Mar. 2004. Current apportionment was reduced 2 set-rt. and New Model apportionment was reduced by 8 set-rt.

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													49.3	49.3		14.3	5.5	8.8			
2													42.8	42.8		12.7		12.7			
3													39.7	39.7		12.8		12.8			
4													39.2	39.2		12.8		12.8			
5													38.2	38.2		13.3		13.3			
6													38.7	38.7		13.8	13.8				
7													39.1	39.1		13.8	13.8				
8													39.1	39.1		13.8	13.8				
9													39.1	39.1		12.3	12.3				
10													38.4	38.4		9.7	9.7				
11													38.5	38.5		8.3	8.3				
12													38.4	38.4		8.7	8.7				
13													38.2	38.2		10.4		10.4			
14							4.7	4.7				3.5	3.5		37.1	37.1		8.9			
15							8.5		8.5			8.6	8.6		33.9	33.9		16.3			
16							11.4	11.4				9.0	9.0		31.9	31.9		21.5			
17							17.9	17.9				9.0	9.0		29.7	29.7		22.2			
18							30.2	30.2				9.3	9.3		30.4	30.4		22.2			
19							37.5	37.5				11.8	11.8		30.2	30.2		22.2			
20							37.8	26.1	11.7			22.3	22.3		30.5	30.5		22.2			
21							18.0	10.7	7.3			23.7	23.7		31.7	31.7		21.9			
22							7.8	5.5	2.3			33.4	33.4		29.4	29.4		18.7			
23							3.1		3.1			39.1	39.1		25.0	25.0		17.0			
24												47.8	47.8		20.9	20.9		13.9			
25												51.1	51.1		18.8	18.8		12.1			
26												50.6	50.6		18.9	18.9		12.1			
27												51.0	51.0		18.9	18.9		12.8			
28												49.8	49.8		17.5	17.5		12.9			
29									5.7	5.7		49.9	49.9		16.8	16.8		12.9			
30									7.7	5.5	2.2	50.3	50.3		17.1	10.2	6.9	10.6			
31												49.9	49.9					9.1			
Total							178.9	144.0	32.9	13.4	11.2	2.2	569.9	589.9		957.4	950.5	6.9	445.8	230.5	215.3
Acres-foot								352		27		1131		1898				884		9024	
Priority Diverted								286		22		1131		1885				456		7196	
Apport Diverted								68		5				14				427		1828	
Appor diverted to date										1387		1387		1401				1828		1828	
TBI Acreage		5741.83					5741.83		5741.83		5741.83		5741.83		5741.83			5741.83		5741.83	
Apportioned		1371					1371		1371		1371		2519		2807			2807		2807	
Duty							0.08		0.00		0.20		0.33		0.15			1.57			

2004

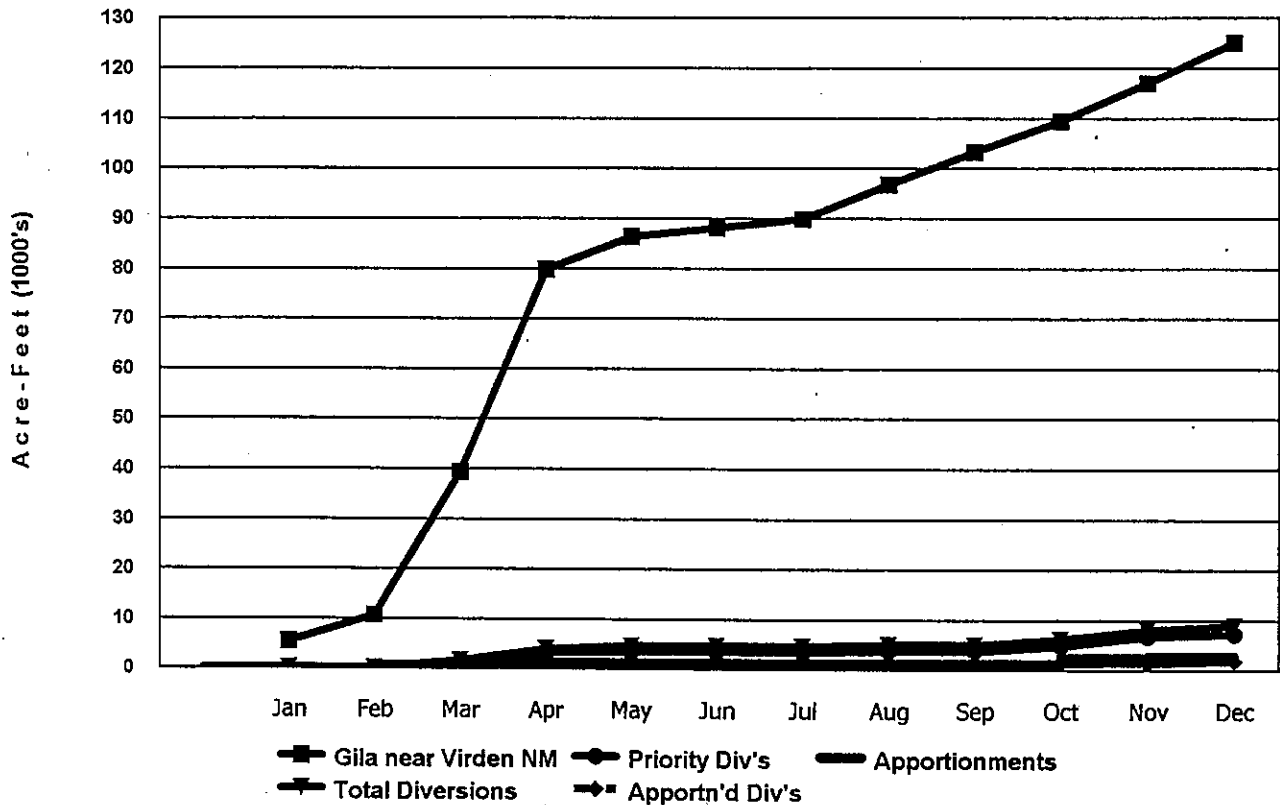
MASS DIAGRAM OF DUNCAN VALLEY

DIVERSIONS, APPORTIONMENTS, & RIVER FLOWS

In Acre-feet

Month	Monthly Gila River Below Blue Creek	Accumulated				Water Apportioned
		Gila River Below Blue Creek	Total Diversions	Priority Diversions	Apportioned Diversions	
JAN	5,512	5,512	183	183		
FEB	5,278	10,790	183	183		
MAR	28,550	39,340	1,697	1,624	73	683
APR	40,515	79,855	4,108	3,328	780	1,371
MAY	6,528	86,383	4,666	3,417	1,249	1,371
JUN	1,690	88,073	4,730	3,414	1,316	1,371
JUL	1,787	89,860	4,730	3,414	1,316	1,371
AUG	6,966	96,826	5,082	3,700	1,382	1,371
SEP	6,500	103,326	5,109	3,722	1,387	1,371
OCT	6,113	109,439	6,240	4,853	1,387	1,371
NOV	7,563	117,002	8,138	6,737	1,401	2,519
DEC	7,974	124,976	9,024	7,196	1,828	2,807

Graph :	Gila near Virден NM	Total Diversions	Priority Div's	Apportn'd Div's	Apportionments
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2004

SUNSET CANAL: 2,759.90 acres

Mean daily diversions, cubic feet per second

DAY	JAN			FEB			MAR			APR			MAY			JUN		
	Total	Priority	Apport.	Total	Priority	Apport.	Total	Priority	Apport.	Total	Priority	Apport.	Total	Priority	Apport.	Total	Priority	Apport.
1										14.9	14.2	0.7	22.0	10.7	11.3			
2										14.9	11.6	3.3	21.6	5.5	16.1			
3										14.9	14.9		22.1	11.6	10.5			
4										15.1	15.1		22.0		22.0			
5							3.7	3.7		15.1	15.1		21.7	13.6	8.1			
6							11.1	11.1		15.0	15.0		21.8		21.6			
7							11.1	11.1		25.1	25.1		14.8		14.8			
8							20.8	20.8		28.8	28.8							
9							29.7	29.7		28.9	28.9							
10							29.7	29.7		28.8	28.8							
11							29.7	29.7		28.7	28.7							
12							29.7	29.7		28.9	28.9							
13							29.7	29.7		28.9	28.9							
14							29.7	29.7		30.2	30.2							
15							29.7	29.7		30.1	30.1							
16							29.7	29.7		30.0	17.4	12.6						
17							29.7	29.7		30.1	5.5	24.6						
18							18.3	18.3		30.1		30.1						
19							14.3	14.3		30.0		30.0						
20							23.5	23.5		29.9	5.5	24.4						
21										16.8	11.8	5.2						
22										7.5	7.5							
23										15.7	15.7							
24										17.2	17.2							
25										16.2	16.2							
26										14.0	14.0							
27										18.1	11.8	8.5						
28										21.7	13.8	8.1						
29										21.5	5.5	16.0						
30										22.1	11.8	10.5						
31							10.4	10.4										
Total							380.5	380.5		669.2	497.2	172.0	145.8	41.4	104.4			
Acra-feet								755			1327			289				
Priority Diverted								755			986			82				
Apport Diverted											341			207				
Apport diverted to date											341			548			548	
TBI acreage	2400.83						2429.83			2429.83			2429.83				2429.83	
Apportioned								290			581			581			581	
Duty								0.31			0.55			0.12				

Penalties have been enforced for inadvertent diversions from Jan. 1, 2004, by reduction of equivalent acre-ft of apportionment in Mar, 2004. Sunset apportionment was reduced 2 ac-ft.

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													26.0	26.0		8.8	5.5	1.3	
2													26.0	26.0		4.7		4.7	
3													26.0	26.0		4.7		4.7	
4													25.5	25.5		4.7		4.7	
5													24.8	24.8		5.2		5.2	
6													24.8	24.8		5.5	5.5		
7													24.8	24.8		5.5	5.5		
8													24.8	24.8		5.5	5.5		
9													24.7	24.7		5.3	5.3		
10													24.7	24.7		4.9	4.9		
11													24.8	24.8		4.9	4.9		
12													24.7	24.7		4.9	4.9		
13													24.5	24.5		4.7		4.7	
14				4.7	4.7								24.6	24.6		4.4		4.4	
15				8.5		8.5							24.6	24.6		4.3		4.3	
16				11.4	11.4								24.3	24.3		4.3	4.3		
17				14.2	14.2								24.4	24.4		4.3		4.3	
18				17.2	17.2								25.1	25.1		4.3		4.3	
19				22.2	22.2								25.1	25.1		4.3	4.3		
20				24.8	14.2	10.6							24.7	24.7		4.3	4.3		
21				11.9	10.7	1.2							24.6	24.6		4.3		4.3	
22				7.9	5.5	2.3				15.0	15.0		23.2	23.2		4.3	4.3		
23				3.1		3.1				25.0	25.0		20.2	20.2		4.3	4.3		
24										25.0	25.0		13.4	13.4		4.3	4.3		
25										24.9	24.9		10.2	10.2		4.3	4.3		
26										24.9	24.9		10.2	10.2		4.3	4.3		
27										25.0	25.0		10.2	10.2		4.8	4.8		
28										24.9	24.9		10.2	10.2		5.1	5.1		
29										25.2	25.2		10.2	10.2		5.1	5.1		
30							5.7	5.7		25.7	25.7		10.2	10.2		5.1	5.1		
31							6.4	5.5	0.9	25.5	25.5		10.2	10.2		5.0	5.0		
Total				125.8	100.1	25.7	12.1	11.2	0.9	241.0	241.0		641.5	641.5		148.4	101.5	46.9	
Acra-feet								24			478			1272			294	4689	
Priority Diverted								22			478			1272			201	3995	
Apport Diverted								2									93	694	
Apport diverted to date											601			601			694	694	
TBI acreage	548			2429.83			2429.83			2429.83			2429.83			2429.83		2429.83	
Apportioned	581							581			581			1087			1189	1189	
Duty					0.10			0.01			0.20			0.52			0.12	1.93	

Diversion on North side of GSA River in SW1/4NW1/4, Sec. 21, T. 19 S., R. 23 W., NMPM. Water-stage recorder and 6 ft. parshall flume located in SW1/4NW1/4, Sec. 17, T. 19S., R. 23W. Record good

2004

NEW MODEL CANAL: 2,717.55 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	9.3	9.3								6.2	3.5	2.7	5.8		5.8			
2	9.1	9.1								5.5		5.5	6.9		6.9			
3	9.3	9.3								5.9	5.9		6.4	0.4	6.0			
4	9.3	9.3								6.7	6.7		6.4		6.4	4.3		4.3
5	6.8	6.8								6.2	6.2		6.4	1.8	4.6	5.5		5.5
6	2.3	2.3								6.2	6.2		6.4		6.4	5.5		5.5
7										6.1	6.1		6.4		6.4	5.5		5.5
8							5.8	5.8		8.1	8.1		6.4		6.4	5.5		5.5
9							10.5	10.5		9.8	9.8		6.4		6.4	5.4		5.4
10							11.5	11.5		8.8	8.8		6.4		6.4	2.2		2.2
11							11.9	11.9		8.6	8.6		6.4		6.4			
12							12.0	12.0		8.6	8.6		6.4		6.4			
13							12.0	12.0		8.6	8.6		6.4		6.4			
14							12.0	12.0		11.0	11.0		4.5		4.5			
15							12.0	12.0		14.5	14.5							
16							12.0	12.0		16.8	10.1	6.5						
17							11.8	11.8		17.7		17.7						
18							9.7	9.7		18.0		18.0						
19							10.0	10.0		18.0		18.0						
20							11.6	11.6		17.8		17.6						
21										17.8	0.4	17.2						
22										17.8	9.3	9.3						
23										17.8	10.1	7.5						
24										11.8	10.1	1.7						
25										7.8	7.8							
26							6.6	6.6		6.1	6.1							
27							6.1	6.1		3.8	0.4	3.2						
28							5.8	5.8		3.5	1.8	1.7						
29							5.8	5.8		3.5		3.5						
30							5.5		5.5	0.4		5.2						
31							5.5		5.5									
Total	46.1	46.1					178.0	167.0	11.0	302.4	188.1	134.3	87.6	2.2	65.4	33.9		33.9
Acre-feet		91						353			600			174				87
Priority Diverted		91						331			333			4				
Apport Diverted								22			268			169				67
Apport diverted to date								22			288			457				524
TBI acreage		2206.9					2282.60			2281.60			2281.60					2281.60
Apportioned							269			543			543					543
Duty		0.04					0.00		0.15		0.26			0.08				0.03

Penalty subject has been enforced for inadvertent diversions from Jan. 1, 2004, by reduction of equivalent credit of apportionment in Mar, 2004. New Model apportionment was reduced 6 sec-ft.

DAY	JUL			AUG			SEP			OCT			NOV			DEC			Total
	Total	Priority	Apport.	Total	Priority	Apport.	Total	Priority	Apport.	Total	Priority	Apport.	Total	Priority	Apport.	Total	Priority	Apport.	
1													13.7	13.7		7.5		7.5	
2													13.7	13.7		8.0		8.0	
3													13.7	13.7		8.1		8.1	
4													13.7	13.7		8.1		8.1	
5													13.4	13.4		8.1		8.1	
6													13.9	13.9		8.1	8.1		
7													14.3	14.3		8.3	8.3		
8													14.3	14.3		8.3	8.3		
9													14.4	14.4		7.0	7.0		
10													13.7	13.7		4.8	4.8		
11													13.7	13.7		3.4	3.4		
12													13.7	13.7		3.8	3.8		
13													13.7	13.7		5.7		5.7	
14										3.5	3.5		12.5	12.5		4.5		4.5	
15										8.6	8.6		9.3	9.3		5.5		5.5	
16										9.0	9.0		7.8	7.6		7.0		7.0	
17				2.3	2.3					9.0	9.0		5.3	5.3		7.8		7.8	
18				8.7	8.7					9.3	9.3		5.3	5.3		7.8		7.8	
19				8.6	8.6					11.8	11.8		5.1	5.1		7.8		7.8	
20				7.4	6.6	0.8				15.3	15.3		5.8	5.8		7.8		7.8	
21				4.1		4.1				13.8	13.6		7.1	7.1		7.8		7.8	
22										14.9	14.9		6.2	6.2		7.8	7.8		
23										14.1	14.1		4.8	4.8		7.8	7.8		
24										15.4	15.4		7.5	7.5		7.8	7.8		
25										15.7	15.7		8.6	8.6		7.8	7.8		
26										15.8	15.8		8.7	8.7		7.8	7.8		
27										15.4	15.4		8.7	8.7		7.8	7.8		
28										14.6	14.6		7.3	7.3		7.8	7.8		
29										14.6	14.6		6.6	6.6		7.8	7.8		
30							1.3		1.3	14.6	14.6		6.9		6.9	5.5		5.5	
31										14.6	14.6					4.1		4.1	
Total				31.1	28.2	4.9	1.3		1.3	229.8	229.8		303.2	286.3	6.9	217.2	115.7	101.5	
Acre-feet					62			3			456			601			431	2838	
Priority Diverted					52						456			588			229	2084	
Apport Diverted					10			3						14			201	752	
Apport diverted to date					524			537			537			551			752	752	
TBI acreage		2281.60			2281.60		2281.60			2281.60			2281.60				2281.60	2281.60	
Apportioned		543			543		543			543			999				1113	1113	
Duty					0.03		0.00			0.20			0.26				0.19	1.24	

Diversion on South side of Gila River in NW1/4NW1/4, Sec. 4, T. 19 S., R.21 W., NMPM. Water-stage recorder and 6 ft. Parshall flume located in NW1/4SE1/4, Sec. 34, T.8 S., R.32 E. Record good

2004

VALLEY CANAL: 1,387.20 acres

Mean daily diversions, cubic feet per second

DAY	JAN			FEB			MAR			APR			MAY			JUN		
	Total	Priority	Apport.	Total	Priority	Apport.	Total	Priority	Apport.	Total	Priority	Apport.	Total	Priority	Apport.	Total	Priority	Apport.
1	9.7	9.7								12.3	1.5	10.8	3.8		3.8			
2	9.8	9.8								12.4		12.4	3.8		3.8			
3	9.7	9.7								12.1	12.1		3.7		3.7			
4	9.7	9.7								12.3	12.3		3.7		3.7			
5	7.4	7.4								12.4	12.4		3.5	0.7	2.8			
6										12.4	12.4		3.8		3.8			
7										12.5	12.5		3.8		3.8			
8										12.3	12.3		3.7		3.7			
9										12.7	12.7		3.6		3.6			
10								5.8	5.8	12.1	12.1		3.6		3.6			
11								9.8	9.8	11.1	11.1		3.7		3.7			
12								11.7	11.7	12.2	12.2		3.6		3.6			
13								12.7	12.7	12.4	12.4		3.4		3.4			
14								12.8	12.8	12.4	12.4							
15								12.5	12.5	12.1	12.1							
16																		
17								12.4	12.4	12.2	7.1	5.1						
18								12.8	12.8	6.5		6.5						
19								6.5	6.5									
20								6.0	6.0									
21								9.3	9.3									
22																		
23										2.5	2.5							
24										5.4	5.4							
25										6.4	6.4							
26								7.9	7.9	6.0	6.0							
27								12.5	12.3	0.2	5.6	5.3	0.3					
28								12.7	12.8	0.1	4.8		4.8					
29								12.7	12.8	0.1	3.8	0.7	3.1					
30								12.5	12.3	0.2	3.7		3.7					
31								12.4		12.4	3.6		3.6					
Total	48.3	48.3					204.9	179.4	25.5	244.2	193.9	50.3	47.7	0.7	47.0			
Acra-feet		92						408			484			95				
Priority Diverted		92						358			385			1				
Apport Diverted								51			100			93				
Appor diverted to date								51			151			244			244	
TBI acreage		1025.20			1025.20			1030.20			1030.20			1030.20			1030.20	
Apportioned								124			247			247			247	
Duty		0.09						0.39			0.47			0.09				

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													9.6	9.6					
2													3.1	3.1					
3																			
4																			
5																			
6																			
7																			
8																			
9																			
10																			
11																			
12																			
13																			
14																			
15																			
16																			
17																6.5		6.5	
18																10.2		10.2	
19																10.1		10.1	
20																10.1		10.1	
21																10.1		10.1	
22																7.0	7.0		
23																10.1	10.1		
24																3.5	3.5		
25																10.1	10.1		
26																7.2	7.2		
27																10.5	10.5		
28																10.0	10.0		
29																10.6	10.6		
30																10.3	10.3		
31																10.1	10.1		
Total							20.0	17.7	2.3				99.1	99.1	12.7	12.7	80.2	13.3	66.9
Acra-feet								40								197		159	1499
Priority Diverted								35								197		26	1117
Apport Diverted								5								25		382	
Appor diverted to date								5								133		382	
TBI acreage		244			249			249			249			249		382		382	
Apportioned		1030.20			1030.20			1030.20			1030.20			1030.20		1030.20		1030.20	
Duty		247			247			247			247			453		505		505	
								0.04			0.19			0.02		0.15		1.48	

Diversion on North side of Gila River in NE1/4NW1/4, Sec. 4, T. 19 S., R.21 W., NMPM. Water stage recorder and S.R. Parshall flume located in NW1/4SE1/4, Sec. 34, T.8 S., R.32 E. Record good

2004

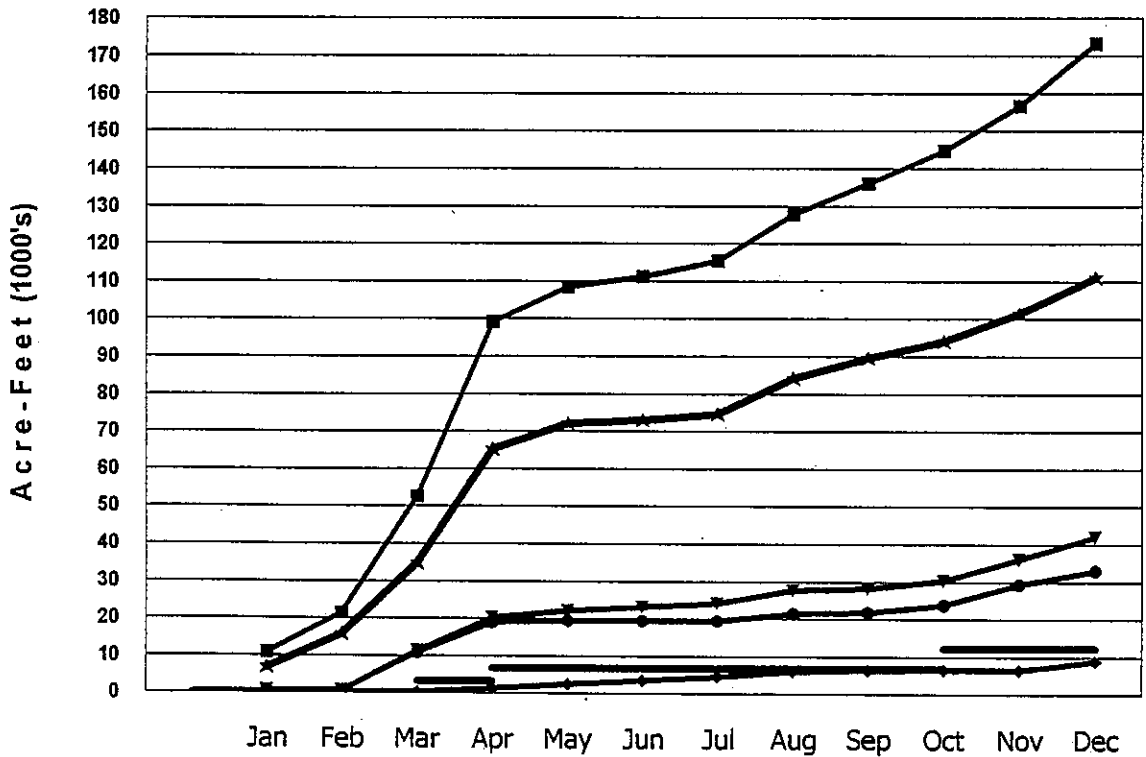
MASS DIAGRAM OF SAFFORD VALLEY

DIVERSIONS, APPORTIONMENTS, & RIVER FLOWS

In Acre-feet

Month	Monthly Gila River at Head of Safford Valley	Accumulated				Water Apportioned	Accumulated Gila River At Calva	Monthly Gila River At Calva
		Gila River at Head of Safford Valley	Total Diversions	Priority Diversions	Apportioned Diversions			
JAN	10,977	10,977	836	836			6,883	6,883
FEB	10,513	21,490	836	836			15,840	8,957
MAR	31,345	52,835	11,470	11,012	458	3,339	35,060	19,220
APR	46,406	99,241	20,366	18,990	1,376	6,713	65,330	30,270
MAY	9,388	108,629	22,254	19,606	2,648	6,729	72,159	6,829
JUN	2,642	111,271	23,154	19,606	3,548	6,757	72,991	832
JUL	4,243	115,514	24,196	19,612	4,584	6,765	74,700	1,709
AUG	12,341	127,855	27,802	21,627	6,175	6,765	84,308	9,608
SEP	8,341	136,196	28,347	21,862	6,485	6,765	89,697	5,389
OCT	8,577	144,773	30,523	23,872	6,651	6,765	94,211	4,514
NOV	11,955	156,728	36,133	29,482	6,651	12,405	101,498	7,287
DEC	16,630	173,358	42,177	33,156	9,021	13,815	111,205	9,707

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



—■— Gila at Head
—●— Priority Div's
—■— Apportionments
—▲— Total Diversions
—▲— Apportn'd Div's
—▲— Gila Calva

2004

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										4.8	4.1	0.7	4.7	4.6	0.1			
2										4.7	4.7		4.7	3.1	1.6			
3										4.9	3.8	1.1	4.7	2.0	2.7			
4										1.7	1.7		4.7	4.6	0.1			
5										2.0	2.0		4.7	4.7				
6							2.4	2.4		5.3	5.3		4.7	4.7				
7							9.8	9.8		9.5	9.5							
8							12.4	12.4		12.3	12.3							
9							12.5	12.5		12.3	12.3							
10							12.9	12.9		12.7	12.7							
11							12.8	12.8		12.8	12.8							
12							12.8	12.8		12.9	12.9							
13							12.8	12.8		13.0	13.0							
14							12.9	12.9		13.1	13.0	0.1						
15							12.9	12.9		12.7	12.7							
16							12.9	12.9		12.3	12.3							
17							12.9	12.9		10.8	10.3	0.5						
18							12.8	12.8		6.2	2.0	4.2						
19							9.7	9.7		5.0	5.0							
20							9.6	9.6		5.2	5.2							
21							9.4	9.4		5.1	2.0	3.1						
22										5.1	4.8	0.5						
23							2.9		2.9	5.1	5.1							
24							5.0		5.0	5.1	5.1							
25							5.1	2.4	2.7	5.0	5.0							
26							5.1	5.1		5.0	5.0							
27							5.0	5.0		4.9	4.9							
28							4.9	4.9		4.9	4.6	0.3						
29							5.0	5.0		5.0	5.0							
30							5.0	5.0		4.8	2.4	2.4						
31							4.8	4.1	0.7									
Total							224.4	213.1	11.3	224.2	201.1	23.1	28.2	19.0	9.2			
Acres-foot									445		445			56				
Priority Diverted									423		398			38				
Apport Diverted									22		48			18				
Apport diverted to date									22		68			86				86
TBI acreage	1024.43								1039.73		1039.73			1033.33				1033.33
Apportioned									125		250			248				248
Duty									0.43		0.43			0.08				

DAY	JUL			AUG			SEP			OCT			NOV			DEC			Totals
	Total	Priority	Apport	Total	Priority	Apport	Total	Priority	Apport	Total	Priority	Apport	Total	Priority	Apport	Total	Priority	Apport	
1																			
2																			
3																			
4																			
5																			
6																			
7																			
8																			
9				4.0		4.0													
10				5.3		5.3													
11				5.3		5.3													
12				5.1		5.1													
13				5.1		5.1													
14				5.1		5.1													
15				4.9	4.1	0.8													
16				5.1		5.1													
17				5.3	3.7	1.6													
18				5.2		5.2													
19				5.0		5.0													
20				9.3		9.3													
21				10.4	6.8	3.6													
22				10.0	3.1	6.9													
23				9.9	2.3	7.6													
24				9.9		9.9													
25				8.1		8.1													
26				1.9		1.9													
27																			
28																			
29																			
30																			
31																			
Total				114.9	38.5	75.4													
Acres-foot						228													1174
Priority Diverted						78													938
Apport Diverted						150													236
Apport diverted to date			86			236			236			236			236			236	236
TBI acreage	1033.33			1033.33		1033.33			1033.33			1033.33			1033.33			1033.33	1033.33
Apportioned	248			248		248			248			248			455			506	506
Duty						0.22													1.14

Diversion from North side of Old River in SEYASBY, Sec. 30, T.5S., R.21E. Water-stage recorder and 3 R. Parshall flume located in NEYAMEY, Sec.31, T.6S., R.28E. Record good

2004

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										10.0	10.0		19.9	19.9					
2										10.0	10.0		14.3	14.3					
3										10.0	10.0		9.9	9.9					
4										10.0	10.0		19.9	19.9					
5										10.0	10.0								
6										12.6	12.6		10.0	10.0		21.2	21.2		
7										40.9	40.9		10.0	10.0					
8										45.7	45.7		40.7	40.7					
9										45.7	45.7		45.9	45.9					
10										45.7	45.7		45.9	45.9					
11										45.7	45.7		45.9	45.9					
12										45.7	45.7		45.9	45.9					
13										45.7	45.7		45.9	45.9					
14										45.7	45.7		45.9	45.9					
15										45.9	45.9		45.9	45.9					
16										45.7	45.7		45.7	45.7					
17										45.7	45.7		25.3	25.3					
18										45.5	45.5		25.3	9.9	15.4				
19										24.1	24.1		25.0		25.0				
20										28.1	28.1								
21										27.8	27.8		9.9	9.9					
22													19.9	19.9					
23										8.5		6.5	22.7	22.7					
24										10.0		10.0	25.3	25.3					
25										10.0	10.0		25.3	25.3					
26										10.0	10.0		25.3	25.3					
27										10.0	10.0		22.7	22.7					
28										10.0	10.0		19.9	19.9					
29										10.0	10.0		21.1	21.1					
30										10.0	10.0		12.2	12.2					
31										10.0	10.0								
Total										722.7	706.2	16.5	757.8	717.2	40.4	85.2	85.2		
Acra-foot													1433	1503		169			
Priority Diverted													1401	1423		169			
Apport Diverted													33	80					
Apport diverted to date													33	113		113			113
TBI acreage													3857.29	3673.51		3692.97			3694.56
Apportioned													439	892		888			887
Duty													0.39	0.41		0.04			0.00

DAY	JUL			AUG			SEP			OCT			NOV			DEC			Totale
	Total	Priority	Apport.	Total	Priority	Apport.	Total	Priority	Apport.	Total	Priority	Apport.	Total	Priority	Apport.	Total	Priority	Apport.	
1				16.9		16.9				15.8	6.7	9.1				25.0	16.7	8.3	
2				17.2		17.2				8.9	8.9					25.0	12.3	12.7	
3				17.6		17.6				13.4	13.4					25.0		25.0	
4				17.1		17.1										25.1		25.1	
5				14.6		14.6							23.4	23.4		25.1		25.1	
6				16.2		16.2							25.0	25.0		25.3		25.3	
7				16.8		16.8							25.0	25.0		25.8	25.8		
8				16.9		16.9							25.0	25.0		25.5	25.5		
9				16.3		16.3							25.0	25.0		25.1	25.1		
10				16.7		16.7							25.0	25.0		24.7	24.7		
11				17.0		17.0							25.0	25.0		24.5	24.5		
12				16.7		16.7							25.0	25.0		24.8	24.8		
13				17.2		17.2							25.0	25.0		24.5	24.5		
14				18.0		18.0							25.1	25.1		24.5		24.5	
15				17.5	17.5								25.1	25.1		24.5		24.5	
16				6.5		6.5							25.2	25.2		24.3		24.3	
17				18.7	18.7								25.8	25.8		24.3	10.0	14.3	
18				25.5	25.5								25.9	25.9		24.3		24.3	
19				25.5	25.5								25.1	25.1		24.3		24.3	
20				25.5	25.5								25.0	25.0		24.4	10.0	14.4	
21				22.8	22.8								25.0	25.0		24.5	12.3	12.2	
22				14.4	14.4								25.0	25.0		25.0		25.0	
23				12.8	12.3	0.3							25.1	25.1		25.0	25.0		
24				7.9		7.9							25.0	25.0		25.0	25.0		
25				7.8		7.8							25.0	25.0		25.0	25.0		
26	10.1		10.1	7.4		7.4							25.0	25.0		25.0	25.0		
27	17.7		17.7	7.2		7.2	17.5	17.5					25.0	25.0		19.5	19.5		
28	16.7		16.7	7.9		7.9	1.1	1.1					25.0	25.0		17.5	17.5		
29	15.9		15.9	7.4		7.4	1.4	1.4	1.4				25.0	25.0		17.5	17.5		
30	16.8	1.1	15.5				21.2	21.2					25.1	25.1		17.5	17.5		
31	17.6		17.6													11.7	11.7		
Total	84.5	1.1	93.4	447.8	160.2	287.6	41.2	38.8	1.4	38.1	29.0	9.1	650.8	650.8		729.0	419.7	309.3	
Acra-foot																			
Priority Diverted																			7074
Apport Diverted																			5672
Apport diverted to date																			1502
TBI acreage																			1502
Apportioned																			1811
Duty																			1.91

Diversion from South side of Gila River in SW1/4SW1/4, Sec.23, T8 S., R.27 E. Water-stage recorder and 15 R Parshall flume located in NE1/4SW1/4, Sec.2, T.7 S., R.27 E., which measures combined flow of San Jose, Fairness, Montezuma, and Union Canals. Segregation made by Watermaster
Record good

2004

FOURNESS CANAL: 210.70 acres

Mean daily diversions, cubic feet per second

DAY	JAN			FEB			MAR			APR			MAY			JUN		
	Total	Priority	Apport.	Total	Priority	Apport.	Total	Priority	Apport.	Total	Priority	Apport.	Total	Priority	Apport.	Total	Priority	Apport.
1										1.0		1.0	2.4		2.4			
2																		
3																		
4																		
5										1.7		1.7						
6										2.4		2.4						
7							2.0		2.0	2.4		2.4						
8							2.4		2.4	2.4		2.4						
9							2.4		2.4	2.4		2.4						
10							2.4		2.4	2.4		2.4						
11							2.4		2.4	2.4		2.4						
12							2.4		2.4	2.4		2.4						
13							2.4		2.4	2.4		2.4						
14							2.4		2.4	2.4		2.4						
15							2.4		2.4	2.4		2.4						
16							2.4		2.4	2.4		2.4						
17							2.4		2.4	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									
22																		
23							1.8		1.8									
24							2.4		2.4	2.4		2.4						
25							2.4		2.4	2.4		2.4						
26							2.4		2.4	2.4		2.4						
27							2.4		2.4									
28							2.4		2.4			2.4						
29							2.4		2.4	2.4		2.4						
30							2.4		2.4	2.4		2.4						
31							2.4		2.4									
Total							56.4	47.8	8.8	50.7	37.7	13.0	2.4		2.4			
Acre-feet									112			101			5			
Priority Diverted									94			75						
Apport Diverted									17			26			5			
Apport diverted to date									17			43			48			48
TBI acreage	189.60			189.60			189.60		189.60	189.60		189.60	189.60		189.60			189.60
Apportioned									23			48			48			48
Duty									0.59			0.53			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																1.7		1.7	
2																2.4		2.4	
3																2.4		2.4	
4																2.4		2.4	
5																2.4		2.4	
6																2.4		2.4	
7																2.4	2.4		
8																2.4	2.4		
9																2.4	2.4		
10																2.4	2.4		
11																2.4	2.4		
12																2.4	2.4		
13																2.4	2.4		
14																2.4		2.4	
15																2.4		2.4	
16																0.7		0.7	
17																			
18							2.4		2.4										
19							2.4		2.4										
20							2.4		2.4										
21																			
22																			
23																			
24																1.8	1.8		
25																2.4	2.4		
26																2.4	2.4		
27																2.4	2.4		
28																2.4	2.4		
29																2.4	2.4		
30																2.4	2.4		
31																1.6	1.8		
Total				7.2	7.2											56.2	37.0	19.2	
Acre-feet						14												111	342
Priority Diverted						14												73	258
Apport Diverted																		38	88
Apport diverted to date									48			48			48			88	88
TBI acreage	189.60			189.60			189.60		189.60	189.60		189.60	189.60		189.60			88	88
Apportioned	48			48			48		48	48		48	48		48			93	93
Duty						0.07			48			46			83			0.59	1.80

2004

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	8.8	8.8								13.0	13.0		14.5	14.5				
2	8.8	8.8								11.7	11.7		14.1	14.1				
3	8.8	8.8								12.5	12.5		11.8	11.8				
4	8.8	8.8								20.8	20.8		15.5	15.5				
5	8.8	8.8								23.0	23.0							
6	5.1	5.1					12.4	12.4		22.9	22.9		17.2	17.2				
7							36.1	36.1		19.9	19.9							
8							42.3	42.3		38.8	38.8							
9							43.1	43.1		43.3	43.3							
10							44.2	44.2		44.2	44.2							
11							45.4	45.4		45.0	45.0							
12							48.3	48.3		45.2	45.2							
13							47.1	47.1		45.4	45.4							
14							47.8	47.8		48.0	48.0							
15							47.7	47.7		44.8	44.8							
16							48.4	48.4		43.5	43.5							
17							45.1	45.1		20.8	20.8							
18							44.4	44.4		20.0	11.8	8.2						
19							24.0	24.0		19.8		19.8						
20							28.7	28.7										
21							29.7	29.7		10.8	10.8						6.3	6.3
22										14.7	14.7						8.9	6.9
23							4.8	0.8	4.0	17.7	17.7						5.5	5.5
24							7.5		7.5	20.5	20.5						4.1	4.1
25							7.5	7.5		21.4	21.4							4.1
26							7.5	7.5		21.5	21.5						4.1	4.1
27							7.5	7.5		18.9	18.9						3.5	3.5
28							7.5	7.5		18.3	18.3						4.0	4.0
29							7.5	7.5		16.1	16.1						5.0	5.0
30							7.5	7.5		12.7	12.7						3.2	3.2
31							11.5	11.5										
Total	48.1	49.1					699.3	687.8	11.5	750.8	722.8	28.0	72.9	72.9			42.8	42.8
Acre-feet		97						1387			1489			145				84
Priority Diverted		97						1384			1434			145				
Apport Diverted								23			56							84
Apport diverted to date								23			79			79				163
TBI acreage		3538.81			3719.32			3807.95			3818.43			3835.11				3850.82
Apportioned								457			916			920				924
Duty		0.03			0.00			0.38			0.39			0.03				0.02

DAY	JUL			AUG			SEP			OCT			NOV			DEC			Totals
	Total	Priority	Apport	Total	Priority	Apport	Total	Priority	Apport	Total	Priority	Apport	Total	Priority	Apport	Total	Priority	Apport	
1	2.5		2.5	17.5		17.5				11.5	6.4	5.1	13.8	13.8					
2	2.7		2.7	17.5		17.5				3.7	3.7		12.3	12.3					
3	2.8		2.8	17.5		17.5				5.9	5.9		12.3	12.3					
4	3.3		3.3	17.5		17.5							12.3	12.3					
5	3.1		3.1	17.5		17.5							11.8	11.8					
6	8.2		8.2	17.5		17.5							11.9	11.9					
7	7.0		7.0	10.1		10.1							11.8	11.8					
8	8.9		8.9	7.5		7.5							11.7	11.7					
9	8.4		8.4	7.5		7.5							11.8	11.8					
10	5.8		5.8	7.5		7.5							11.3	11.3					
11	4.7		4.7	7.5		7.5							11.8	11.8					
12	5.1		5.1	7.5		7.5							11.9	11.9					
13	6.1		6.1	7.5		7.5							12.4	12.4					
14	4.9		4.9										13.8	13.8					
15	5.7		5.7	13.1	13.1								13.9	13.9					
16	4.7		4.7										14.0	14.0					
17	3.3		3.3	18.4	18.4								14.3	14.3					
18	3.9		3.9	22.1	22.1					5.3	5.3		14.7	14.7					
19	4.5		4.5	25.0	25.0					10.1	10.1		13.9	13.9					
20	4.6		4.6	28.3	28.3					12.5	12.5		13.2	13.2					
21	4.3		4.3	18.0	18.0					20.0	20.0		13.0	13.0					
22	5.0		5.0	14.1	14.1					21.3	21.3		13.2	13.2			18.7	0.8	17.9
23	5.1		5.1	15.3	15.0	0.3				21.3	21.3		13.9	13.9			25.0	25.0	
24	1.6		1.6							21.3	21.3		13.8	13.8			25.0	25.0	
25										21.3	21.3		2.8	2.8			25.0	25.0	
26	9.5		9.5							21.3	21.3						25.0	25.0	
27	17.5		17.5				5.3	5.3		21.3	21.3						25.0	25.0	
28	17.5		17.5				0.8	0.8		21.3	21.3						25.0	25.0	
29	17.5		17.5							15.9	15.9						25.0	25.0	
30	17.5	2.20	15.3				9.8	9.8		13.8	13.8						25.0	25.0	
31	17.5		17.5							13.8	13.8						16.7	16.7	
Total	210.8	2.2	208.6	312.4	152.0	180.4	15.9	15.9		261.8	258.5	5.1	310.8	310.8			235.4	217.5	17.9
Acre-feet		418			820			32			519			816				487	5874
Priority Diverted		4			301			32			509			816				431	4933
Apport Diverted		414			318						10							38	941
Apport diverted to date		577			895			895			905			905				941	941
TBI acreage		3858.83			3858.83			3858.83			3858.83			3858.83				3858.83	3858.83
Apportioned		926			926			926			926			1897				1890	1890
Duty		0.11			0.16			0.01			0.13			0.16				0.12	1.52

2004

UNION CANAL: 7,371.68 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	9.0	9.0								35.0	20.8	14.4	30.0	25.1	4.9			
2	8.9	8.9								35.0	35.0		30.0	13.7	16.3			
3	9.0	9.0								35.0	14.7	20.3	13.8	9.5	4.3			
4	9.1	9.1								35.0	35.0		13.8	13.8				
5	9.0	9.0								35.0	35.0		12.6		12.6	10.9		10.9
6	2.6	2.6					11.1	11.1		35.0	35.0		13.8	13.8		12.2		12.2
7							62.4	62.4		52.3	52.3		12.4		12.4	12.5		12.5
8							71.9	71.9		55.0	55.0		12.2		12.2	12.9		12.9
9							71.9	71.9		55.0	55.0		11.8		11.8	12.4		12.4
10							71.9	71.9		55.0	55.0		12.2		12.2	12.5		12.5
11							71.9	71.9		55.0	55.0					14.5		14.5
12							71.9	71.9		55.0	55.0					14.5		14.5
13							71.9	71.9		55.0	55.0					13.1		13.1
14							71.9	71.9		55.0	55.0					14.2		14.2
15							71.9	71.9		41.5	41.5					13.0		13.0
16							71.9	71.9		37.5	37.5					11.3		11.3
17							71.9	71.9		37.5	37.5					9.3		9.3
18							71.7	71.7		37.5	8.5	28.0				9.2		9.2
19							55.3	55.3		37.5		37.5				11.0		11.0
20							56.6	56.6		36.3		36.3				10.7		10.7
21							56.0	56.0		9.5	9.5					11.6		11.6
22										25.0	25.0					10.3		10.3
23							20.3		20.3	30.0	30.0					10.3		10.3
24							32.2		32.2	30.0	30.0					8.2		8.2
25							33.4	9.5	23.9	30.0	30.0					8.5		8.5
26							33.8	33.8		30.0	30.0					6.5		6.5
27							33.2	33.2		30.0	30.0					6.5		6.5
28							33.0	33.0		30.0	25.0	5.0				6.5		6.5
29							32.9	32.9		30.0	30.0					6.5		6.5
30							33.2	33.2		30.0		20.4				7.6		7.6
31							35.0	20.4	14.6									
Total	47.6	47.6					1319.1	1228.1	91.0	1149.8	987.7	181.9	182.4	75.9	86.5	274.7		274.7
Acre-feet		94						2618			2280				322			545
Priority Diverted		94						2436			1959				151			
Apport Diverted								180			321				172			545
Apport diverted to date								180			501				873			1218
TBI acreage		4847.14						5751.15			5782.54				5804.40			5949.59
Apportioned								690			1388				1393			1428
Duty		0.02						0.45			0.39				0.05			0.07

DAY	JUL			AUG			SEP			OCT			NOV			DEC			Totals
	Total	Priority	Apport.	Total	Priority	Apport.	Total	Priority	Apport.	Total	Priority	Apport.	Total	Priority	Apport.	Total	Priority	Apport.	
1	8.2		8.2							11.1	5.3	5.8	11.3	11.3		12.4	12.4		
2	9.8		9.8							11.8	6.5	5.1	12.5	12.5		12.3	9.9	2.4	
3	9.8		9.8							10.1	10.1		12.5	12.5		12.2		12.2	
4	9.8		9.8										12.5	12.5		3.4		3.4	
5	9.8		9.8										12.5	12.5					
6	12.4		12.4										12.5	12.5					
7	13.8		13.8										12.5	12.5					
8	13.8		13.8										12.5	12.5					
9	6.8		6.8										12.5	12.5					
10													12.5	12.5					
11													12.5	12.5					
12													12.5	12.5					
13													12.5	12.5					
14													12.5	12.5					
15				21.2	21.2								12.5	12.5					
16													12.5	12.5					
17				15.2	15.2								12.5	12.5					
18				58.5	58.5					10.5	10.5		12.5	12.5					
19				65.9	65.9					11.9	11.9		12.5	12.5					
20				74.7	74.7					12.8	12.8		12.5	12.5					
21				48.5	48.5					11.1	11.1		12.5	12.5					
22				14.1	14.1					11.9	11.9		12.5	12.5		8.2		8.2	
23				9.9	9.9					9.4	9.4		12.5	12.5		11.0		11.0	
24										10.5	10.5		12.5	12.5		11.3		11.3	
25										10.2	10.2		12.5	12.5		11.1		11.1	
26										14.6	14.6		11.9	11.9		11.1		11.1	
27							4.3	4.3		15.5	15.5		11.8	11.8		12.5		12.5	
28							1.8	1.8		12.5	12.5		11.7	11.7		12.8		12.9	
29										12.9	12.9		12.3	12.3		13.3		13.3	
30							12.2	12.2		11.8	11.8		12.5	12.5		16.0		16.0	
31										11.6	11.6					16.7		16.7	
Total	95.0		95.0	308.0	308.0		18.3	18.3		200.0	189.1	10.9	371.5	371.5		164.4	138.2	26.2	
Acre-feet		188			811			38			397			737			328	8153	
Priority Diverted					611			36			375			737			274	6673	
Apport Diverted											22						52	1480	
Apport diverted to date					1406			1408			1428			1428			1480	1480	
TBI acreage		5874.20			5974.20			5974.20			5974.20			5974.20			5974.20	5974.20	
Apportioned					1434			1434			1434			2828			2927	2927	
Duty		0.03			0.10			0.01			0.07			0.12			0.05	1.38	

2004

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										6.3	4.7	1.6				4.1		4.1
2										6.3	6.3					5.7		5.7
3										6.3	3.1	3.2				5.6		5.6
4										6.4	6.4					5.6		5.6
5										6.4	6.4					4.9		4.9
6							2.6	2.6		6.4	6.4					3.7		3.7
7							22.4	22.4		12.1	12.1					3.5		3.5
8							25.0	25.0		12.3	12.3					3.3		3.3
9							25.0	25.0		15.0	15.0					3.4		3.4
10							25.1	25.1		19.9	19.9					3.2		3.2
11							31.0	31.0		20.2	20.2					2.3		2.3
12							32.2	32.2		19.8	19.8					2.0		2.0
13							40.5	40.5		19.7	19.7					1.6		1.6
14							42.1	42.1		20.0	20.0					1.6		1.6
15							42.3	42.3		25.8	25.8					1.2		1.2
16							41.8	41.9		27.2	27.2					1.2		1.2
17							42.2	42.2		20.8	20.8					1.5		1.5
18							40.8	40.8		7.8	0.8	7.0				1.3		1.3
19							21.3	21.3		7.2		7.2				1.1		1.1
20							24.6	24.6								1.0		1.0
21							24.1	24.1								1.4		1.4
22																1.1		1.1
23							4.2		4.2							1.1		1.1
24							6.2		6.2							0.3		0.3
25							6.1	1.0	5.1							0.1		0.1
26							6.3	6.3										
27							6.2	6.2										
28							6.1	6.1										
29							6.3	6.3										
30							6.1	6.1								1.4		1.4
31							6.2	4.7	1.5							4.1		4.1
Total							538.6	519.8	17.0	285.9	248.9	19.0				87.3		87.3
Acra-feet										1065		527						133
Priority Diverted										1031		490						
Apport Diverted										34		38						133
Apport diverted to date										34		72		72				205
TBI acreage										3923.94		3923.94		3833.83				3881.23
Apportioned										471		942		944				931
Duty										0.27		0.13		0.00				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	4.2		4.2	6.3		6.3	12.2		12.2										
2	1.9		1.9	6.3		6.3	12.1		12.1										
3	0.5		0.5	6.3		6.3	8.5		8.5										
4				6.2		6.2	8.7		8.7										
5				6.4		6.4	8.4		8.4										
6				6.1		6.1	8.6		8.6										
7				6.3		6.3	8.8		8.8										
8				6.3		6.3	8.6		8.6										
9				6.1		6.1	8.2		8.2										
10				6.3		6.3													
11				6.4		6.4													
12				6.6		6.6													
13				6.3		6.3													
14				6.3		6.3													
15				6.2	4.6	1.6													
16	3.2		3.2	6.5		6.5													
17	5.7		5.7	6.1	3.0	3.1													
18	6.2		6.2	5.9		5.9				18.7	18.7					17.6		17.6	
19	5.2		5.2	5.9		5.9				19.2	19.2					24.8		24.8	
20	3.2		3.2	2.9		2.9				19.4	19.4					28.1	0.8	27.3	
21	2.7		2.7							18.1	18.1					29.8	1.0	28.8	
22	3.2		3.2							5.6	5.6					29.4		29.4	
23	1.8		1.8													29.5	29.5		
24	5.8		5.8													29.7	29.7		
25	5.2		5.2	12.0		12.0										28.8	28.8		
26	5.8		5.8	12.3		12.3										27.2	27.2		
27	6.2		6.2	12.3		12.3										26.2	26.2		
28	5.7		5.7	12.2		12.2										26.3	26.3		
29	9.2		9.2	12.3		12.3										26.5	26.5		
30	9.9		9.9	12.3		12.3										30.2	24.9	5.3	
31	7.2		7.2	12.3		12.3										39.2	39.2		
Total	92.6		92.6	207.4	22.3	185.1	83.9		83.9	81.0	81.0					393.4	280.2	133.2	
Acra-feet			184			411			166		181							780	3428
Priority Diverted						44					181							516	2242
Apport Diverted			184			367			166									284	1186
Apport diverted to date			389			758			922		922							1186	1186
TBI acreage			3881.23			3881.23			3881.23		3881.23			3881.23				3881.23	3881.23
Apportioned			931			931			931		931			1708				1902	1902
Duty			0.05			0.11			0.04		0.04							0.20	0.88

Diversion from North side of Gila River in NW1/4NE1/4, Sec. 9, T.7 S., R.26 E. Waterstage recorder and R. Marshall flume located in SW1/4NW1/4, Sec. 4, T.7 S., R.26 E. Record good

2004

SMITHVILLE CANAL: 2,549.33 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	17.8	17.8								8.4	8.4		14.1	12.7	1.4			
2	17.2	17.2								6.3	6.3		13.7	7.3	6.4			
3	17.2	17.2								7.3	7.3		14.0		14.0			
4	17.5	17.5								8.1	8.1		13.8	12.7	1.1			
5	17.4	17.4								8.0	8.0		14.7		14.7			
6	13.3	13.3					11.6	11.6		8.4	8.4		14.2	13.7	0.5			
7							24.0	24.0		7.6	7.6		15.3		15.3			
8							24.2	24.2		7.8	7.8		15.7		15.7			
9							25.1	25.1		7.1	7.1		15.3		15.3			
10							28.2	28.2		6.7	6.7		16.2		16.2			
11							25.5	25.5		11.5	11.5		18.1		18.1			
12							27.7	27.7		14.0	14.0		18.5		18.5			
13							26.6	26.6		13.9	13.9		19.5		19.5			
14							23.9	23.9		14.1	14.1		17.5		17.5			
15							25.7	25.7		14.8	14.8		15.1		15.1			
16							28.8	28.8		16.3	16.3		15.3		15.3			
17							27.0	27.0		19.0	18.6	0.4	8.1		8.1			
18							28.9	28.9		19.5		19.5						
19							17.8	17.8		10.8		10.8						
20							18.6	18.6										
21							18.2	18.2										
22							4.8		4.8									
23							8.7		8.7									
24							10.5		10.5									
25																		
26							5.5	5.5		9.3	9.3							
27							5.1	5.1		13.4	13.4							
28							5.6	5.6		14.8	12.7	2.1						
29							6.7	6.7		15.1	13.7	1.4						
30							6.7	6.7		14.4		14.4						
31							6.7	6.7										
Total	100.4	100.4					436.1	412.1	24.0	274.0	225.8	48.4	259.1	48.4	212.7			
Acres-feet		199						865			543			514				
Priority Diverted		199						817			447			92				
Apport Diverted								48			98			422				
Apport diverted to date								48			144			566				568
TBI acreage		2131.57						2228.83			2298.45			2300.87				2300.49
Apportioned								263			547			548				548
Duty		0.09						0.38			0.22			0.22				0.00

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																17.2	10.1	7.1	
2																17.2		17.2	
3													13.3	13.3		17.2		17.2	
4													18.1	18.1		17.2		17.2	
5													17.7	17.7		17.2		17.2	
6													17.6	17.6		17.2		17.2	
7													17.8	17.6		17.2	17.2		
8													17.6	17.6		17.2	17.2		
9													17.8	17.6		17.2	17.2		
10													17.4	17.4		17.2	17.2		
11													17.1	17.1		17.1	17.1		
12													17.2	17.2		17.2	17.2		
13													17.1	17.1		17.2	17.2		
14													17.2	17.2		17.2		17.2	
15							12.5	11.8	0.7				17.2	17.2		17.5		17.5	
16													17.3	17.3		17.5		17.5	
17							8.7	8.7					17.2	17.2		17.5		17.5	
18							13.0	13.0					17.2	17.2		17.3		17.3	
19							23.3	23.3					17.2	17.2		17.3		17.3	
20							23.5	23.5					17.2	17.2		17.2		17.2	
21							15.4	15.4					17.2	17.2		8.5		8.5	
22							9.0	7.3	1.7				17.3	17.3		9.0		9.0	
23													17.6	17.6		8.9	8.9		
24													17.3	17.3		8.9	8.9		
25													17.2	17.2		9.0	9.0		
26													17.2	17.2		13.8	13.8		
27													17.4	17.4		19.7	19.7		
28													17.4	17.4		19.7	19.7		
29													17.3	17.3		19.7	19.7		
30													17.2	17.2		20.0	20.0		
31													17.2	17.2		20.6	20.6		
Total				103.4	101.0	2.4							481.9	481.9		498.6	270.5	228.1	
Acres-feet					205									958			989	4271	
Priority Diverted					200									958			537	3248	
Apport Diverted					5												452	1023	
Apport diverted to date					571						571			571			1023	1023	
TBI acreage		2300.49			2300.49			2300.49			2300.49			2300.49			2300.49	2300.49	
Apportioned		548			548			548			548			1008			1123	1123	
Duty					0.09									0.42			0.43	1.86	

Diversions from South side of ORA River in NEYAWY, Sec.1, T.7 S., R.25E. Water-stage recorder and 8 ft. Parshall flume located in HWY.39W, Sec.36, T.8 S., R.25 E., which measures combined flow of Smithville and Dodge-Nevada Canals. Segregation made by Watermaster

2004

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	17.5	17.5								5.0	5.0							5.4
2	17.5	17.5								5.0	5.0		2.2	2.2				4.8
3	17.5	17.5								5.0	4.2	0.8						4.8
4	17.5	17.5								5.0	5.0							5.3
5	18.8	16.8								5.0	5.0							4.9
6	11.1	11.1					4.2	4.2		5.0	5.0							3.5
7							25.0	25.0		20.0	20.0							4.1
8							25.0	25.0		23.5	23.5							4.2
9							25.0	25.0		25.0	25.0		6.0		6.0			4.1
10							25.0	25.0		25.0	25.0		7.5		7.5			3.2
11							29.9	29.9		25.0	25.0		7.5		7.5			0.8
12							29.9	29.9		25.0	25.0		7.5		7.5			1.7
13							29.9	29.9		25.0	25.0		7.5		7.5			0.1
14							29.9	29.9		25.0	25.0		7.5		7.5			
15							29.9	29.9		25.0	25.0		7.5		7.5			
16							29.9	29.9		7.3	7.3		7.5		7.5			
17							29.9	29.9					7.5		7.5			
18							29.9	29.9					7.0		7.0			
19							13.7	13.7					7.2		7.2			
20							14.0	14.0					7.3		7.3			
21							14.2	14.2					7.8		7.8			
22													2.5		2.5			
23							3.1		3.1									
24							5.0		5.0									
25							5.0	1.1	3.9	7.5	7.5							
26							5.0	5.0		7.5	7.5							
27							5.0	5.0		7.5	7.5							
28							5.0	5.0		7.5	6.3	1.2						
29							5.0	5.0		7.5	7.4	0.1						
30							5.0	5.0		7.5	1.1	6.4						
31							5.0	5.0					5.4		5.4			
Total	97.9	97.9					428.4	418.4	12.0	300.8	292.3	8.5	105.4	2.2	103.2	48.9		48.9
Acre-feet		194					850			597			209					93
Priority Diverted		194					826			580			4					
Apport Diverted							24			17			205					93
Apport diverted to date							24			41			246					339
TBI acreage		2391.44					2391.44			2391.44			2391.44					2391.44
Apportioned							297			574			574					574
Duty		0.08					0.36			0.25			0.09					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				6.7		6.7													
2				7.3		7.3													
3				7.3		7.3													
4				8.6		8.6													
5				8.7		8.7													
6				7.5		7.5													
7				7.4		7.4													
8				7.1		7.1													
9				7.0		7.0													
10				7.3		7.3													
11				7.8		7.8			5.2	5.2									
12				4.1		4.1													
13																			
14																			
15				5.2		5.2													
16																15.0		15.0	
17				3.1		3.1									15.0	1.0	14.0		
18				11.0		11.0									15.0		15.0		
19				25.3		25.3									15.0		15.0		
20				28.2		28.2									15.0	1.0	14.0		
21				10.7		10.7									15.0	1.1	13.9		
22				2.7		2.7							8.7	8.7	15.0		15.0		
23				0.7		0.7							12.5	12.5	15.0	15.0			
24													12.5	12.5	15.0	15.0			
25													12.5	12.5	15.0	15.0			
26													12.5	12.5	15.0	15.0			
27		4.7	4.7				11.9	11.9					3.9	3.9	15.0	15.0			
28		6.8	6.8												15.0	15.0			
29		7.0	7.0												15.0	15.0			
30		7.3	7.3				8.0	8.0							15.0	15.0			
31		6.8	6.8												15.0	14.2	0.8		
Total	32.8		32.6	171.5	84.9	86.6	19.9	19.9		5.2	5.2		62.6	62.6	240.0	137.3	102.7		
Acre-feet		85		340			39			10			124		476			2897	
Priority Diverted				188			39			10			124		272			2217	
Apport Diverted		85		172											204			780	
Apport diverted to date				576			576			576			576		780			780	
TBI acreage		2391.44		2391.44			2391.44			2391.44			2391.44		2391.44			2391.44	
Apportioned		574		574			574			574			1052		1172			1172	
Duty		0.03		0.14			0.02			0.00			0.05		0.20			1.25	

2004

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	14.2	14.2								4.8	4.3	0.3				1.3		1.3
2	13.8	13.8								4.5	4.5					1.1		1.1
3	13.8	13.8								4.5	1.2	3.3				1.1		1.1
4	13.8	13.8								4.5	4.5					1.1		1.1
5	13.4	13.4								4.5	4.5					1.1		1.1
6	11.9	11.9					0.9	0.9		4.5	4.5					1.0		1.0
7							12.5	12.5		9.9	8.9		2.1		2.1	2.8		2.8
8							16.0	16.0		21.2	21.2		5.5		5.5	3.8		3.8
9							21.3	21.3		21.7	21.7		4.5		4.5	3.9		3.9
10							21.2	21.2		19.3	19.3		6.0		6.0	3.7		3.7
11							20.8	20.8		16.1	16.1		6.3		6.3	2.2		2.2
12							20.4	20.4		17.2	17.2		6.4		6.4			
13							20.4	20.4		21.6	21.6		6.8		6.8			
14							20.5	20.5		22.0	21.9	0.1	6.7		6.7			
15							20.9	20.9		21.1	21.1		6.7		6.7			
16							21.0	21.0		20.5	20.5		6.7		6.7			
17							20.7	20.7		18.3	18.1	0.2	6.7		6.7			
18							19.8	19.8		11.8		11.8	6.9		6.9			
19							17.8	17.8		11.6		11.6	7.0		7.0			
20							16.5	16.5		11.5		11.5	6.8		6.8			
21							16.3	16.3		11.4		11.4	6.4		6.4			
22							1.0		1.0	11.1	11.1		5.4		5.4			
23							1.7		1.7	11.0	11.0		5.2		5.2			
24							2.5		2.5	11.0	11.0		4.3		4.3			
25							2.4		2.4	10.7	10.7		2.1		2.1			
26							2.3	2.3		10.5	10.5		2.3		2.3			
27							2.2	2.2		10.2	10.2		2.3		2.3			
28							2.1	2.1		9.9	9.9		2.0		2.0			
29							5.1	5.1		2.0	2.0		1.7		1.7			
30							5.3	5.3		1.5		1.5	1.6		1.6			
31							4.5	4.3	0.2				1.5		1.5			
Total	80.7	80.7					316.1	308.3	7.8	358.2	308.5	51.7	119.9		119.9	22.9		22.9
Acre-feet		160						627			710		238			45		
Priority Diverted		160						612			608							
Apport Diverted								15			103		238			45		
Appor diverted to date								15			118		358			401		
TBI acreage		1748.15				1748.15		1751.15		1751.15		1751.15		1751.15		1751.15		
Apportioned								210			420		420			420		
Duty		0.09						0.36			0.41		0.14			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										3.8		3.8	17.6	17.6		18.9	1.2	17.7			
2													17.3	17.3		18.9		18.9			
3													16.9	16.9		18.9		18.9			
4													16.7	16.7		18.9		18.9			
5													16.2	16.2		18.9		18.8			
6													15.7	15.7		18.6		18.6			
7													15.7	15.7		18.9	18.9				
8													15.9	15.9		18.6	18.6				
9													16.0	16.0		17.9	17.9				
10													16.0	16.0		17.6	17.6				
11										2.8	2.6		16.0	16.0		17.6	17.6				
12													16.0	16.0		17.4	17.4				
13													16.0	16.0		17.6	17.6				
14													16.1	16.1		17.7		17.7			
15							2.3	2.3		21.3	21.3		17.3	17.3		11.7		11.7			
16										21.5	21.5		17.9	17.9		2.9		2.9			
17										21.4	21.4		17.7	17.7							
18							9.8	9.8		19.2	19.2		17.6	17.6							
19							21.7	21.7		17.5	17.5		17.8	17.8							
20							20.3	20.3		15.7	15.7		17.2	17.2							
21							17.0	17.0		12.4	12.4		16.9	16.9							
22							3.8	0.4	3.4				17.2	17.2							
23										13.4	13.4		17.0	17.0		18.6	18.6				
24										17.1	17.1		20.1	20.1							
25										16.7	16.7		19.8	19.8							
26										16.7	16.7		19.8	19.8							
27									10.3	10.3		20.7	20.7		19.6	19.6					
28									4.6		4.6	14.7	14.7		19.0	19.0					
29										18.5	18.5		19.3	19.3							
30									5.0	5.0		17.9	17.9		19.1	19.1					
31										17.6	17.6										
Total							74.8	71.5	3.4	19.9	15.3	4.6	305.7	301.9	3.8	522.8	522.8	270.9	128.8	144.1	
Acre-feet								149			39		806		1037		537		4151		
Priority Diverted								142			30		598		1037		252		3440		
Apport Diverted								7			9		8				286		711		
Appor diverted to date								408			417		425		425		711		711		
TBI acreage		1751.15				1751.15		1751.15		1751.15		1751.15		1751.15		1751.15		1751.15		1751.15	
Apportioned		420				420		420		420		420		771		858		858		858	
Duty								0.09			0.02		0.35		0.59		0.31		2.37		2.37

Diversions from North side of Gila River in SWY:SWY, Sec.7, T.8 S., R.25 E. Water-stage recorder and G.R. Parshall flume located in HWY:SEN, Sec.12, T.8 S., R.24 E. Record good

2004

COLVIN-JONES CANAL: 205.90 acres

Mean daily diversions, cubic feet per second

DAY	JAN			FEB			MAR			APR			MAY			JUN		
	Total	Priority	Apport	Total	Priority	Apport	Total	Priority	Apport	Total	Priority	Apport	Total	Priority	Apport	Total	Priority	Apport
1																		
2																		
3																		
4																		
5																		
6																		
7																		
8																		
9																		
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19																		
20																		
21																		
22																		
23																		
24																		
25																		
26																		
27																		
28																		
29																		
30																		
31																		
Total																		
Acre-feet																		
Priority Diverted																		
Apport Diverted																		
Apport diverted to date	165.50			165.50			165.50			165.50			165.50			165.50		
TBI acreage							20			40			40			40		
Apportioned																		
Duty																		

DAY	JUL			AUG			SEP			OCT			NOV			DEC			Totals		
	Total	Priority	Apport	Total	Priority	Apport	Total	Priority	Apport	Total	Priority	Apport	Total	Priority	Apport	Total	Priority	Apport			
1																					
2																					
3																					
4																					
5																					
6																					
7																					
8																					
9																					
10																					
11																					
12																					
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21																					
22																					
23																					
24																					
25																					
26																					
27																					
28																					
29																					
30																					
31																					
Total																					
Acre-feet																					
Priority Diverted																					
Apport Diverted																					
Apport diverted to date	165.50			165.50			165.50			165.50			165.50			165.50			165.50		
TBI acreage	40			40			40			40			73			81			81		
Apportioned																					
Duty																					

Diversions from North side of Gila River in SE1/4SW1/4, Sec.28, T.4 S., R.22 E. Water-stage recorder and 2 ft. Parshall flume located in SE1/4SW1/4, Sec.28, T.4 S., R.22 E. Record good

2004

SAN CARLOS APACHE TRIBE: 1,000 ACRES

Mean daily diversions, cubic feet per second

Day	JAN				FEB				MAR				APR				MAY				JUN			
	Total	Black Point	Navajo Point	Anderson Flat	Total	Black Point	Navajo Point	Anderson Flat	Total	Black Point	Navajo Point	Anderson Flat	Total	Black Point	Navajo Point	Anderson Flat	Total	Black Point	Navajo Point	Anderson Flat	Total	Black Point	Navajo Point	Anderson Flat
1																								
2																								
3																								
4																								
5																								
6																								
7																								
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23																								
24																								
25																								
26																								
27																								
28																								
29																								
30																								
31																								
Total																								
Acres-feet																								
Diverted to date																								
TBI acreage																								
Duty																								

Day	JUL				AUG				SEP				OCT				NOV				DEC			
	Total	Black Point	Navajo Point	Anderson Flat	Total	Black Point	Navajo Point	Anderson Flat	Total	Black Point	Navajo Point	Anderson Flat	Total	Black Point	Navajo Point	Anderson Flat	Total	Black Point	Navajo Point	Anderson Flat	Total	Black Point	Navajo Point	Anderson Flat
1																								
2																								
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29																								
30																								
31																								
Total																								
Acres-feet																								
Diverted to date																								
TBI acreage																								
Duty																								

2004

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	13.8	14.2	10.9	12.9	19.0	16.2	16.9	15.5	16.5	16.8	16.4	14.2
2	13.7	14.6	16.2	12.7	18.0	16.2	16.8	16.0	17.0	16.2	16.5	13.4
3	13.9	15.0	16.9	12.5	17.1	16.8	16.1	16.4	16.1	16.3	15.7	12.0
4	14.1	14.8	16.7	12.2	13.9	16.5	16.1	15.1	15.4	17.2	15.9	12.2
5	13.8	15.0	10.4	14.6	15.0	16.2	16.5	15.9	13.4	16.6	15.6	12.9
6	13.5	15.2	14.5	17.4	19.1	16.6	16.4	15.7	12.6	16.9	16.3	11.2
7	8.9	13.8	17.0	17.3	18.5	16.1	16.9	14.8	12.7	12.8	16.2	12.1
8	11.7	13.4	16.0	17.4	18.3	16.8	16.4	15.6	13.3	16.3	15.5	12.4
9	15.5	15.6	12.2	17.7	17.9	16.4	16.6	15.6	16.7	16.8	14.5	11.8
10	9.7	15.5	17.5	16.9	18.5	15.0	17.0	15.9	16.5	16.8	17.4	12.3
11	14.2	15.8	16.8	16.7	18.8	17.2	16.4	13.3	16.8	17.0	15.8	11.8
12	13.5	16.5	16.1	16.7	17.9	17.5	16.4	13.5	16.7	16.5	16.0	12.2
13	13.7	16.6	13.7	16.8	15.5	15.4	15.5	12.2	16.8	16.3	15.0	12.9
14	12.9	15.4	13.9	17.2	18.5	12.7	11.5	18.8	16.0	17.0	15.9	12.8
15	12.8	14.9	13.2	17.6	18.4	16.3	17.2	16.2	15.2	16.6	15.9	12.3
16	13.6	12.2	12.3	11.1	18.5	18.4	13.9	15.3	18.1	16.1	16.7	12.7
17	15.5	15.1	13.1	11.7	17.2	17.9	16.7	16.3	18.3	13.6	16.0	12.5
18	15.8	13.7	14.8	12.7	17.6	18.1	17.3	16.0	13.7	14.7	15.7	12.0
19	14.4	14.8	15.1	14.4	17.0	18.0	17.0	16.6	16.4	17.3	15.5	12.4
20	15.0	15.4	15.2	15.9	16.6	17.4	15.5	16.5	16.8	17.5	14.7	12.3
21	12.5	17.8	14.1	14.5	16.3	18.1	15.7	15.7	16.4	16.6	15.3	12.6
22	13.3	16.6	13.9	12.1	16.7	17.6	15.5	15.7	16.9	16.4	15.8	12.2
23	16.0	16.9	14.1	14.0	16.5	17.7	16.0	15.6	16.5	16.7	16.5	12.8
24	15.7	13.8	15.3	12.9	16.3	18.3	15.3	16.2	15.1	16.3	15.0	13.0
25	15.8	14.5	12.0	17.3	16.1	18.1	15.9	16.3	17.0	16.5	15.4	13.2
26	15.7	15.6	13.3	17.1	16.7	17.7	15.3	16.6	16.2	16.6	13.8	13.3
27	14.0	15.3	16.6	10.4	16.2	17.0	16.3	15.8	16.6	15.8	14.9	12.8
28	13.5	15.7	17.0	17.9	17.2	16.7	16.5	16.0	16.3	16.5	15.0	11.3
29	15.1	10.9	13.3	19.2	16.3	16.8	16.3	14.7	16.8	16.4	15.4	12.1
30	14.3		12.1	19.0	16.7	16.9	16.2	15.8	16.6	16.4	14.1	11.8
31	14.2		12.9		16.2		15.5	16.5		15.7		12.1
Total CFS	430.1	434.6	447.1	456.8	532.5	505.6	497.6	486.1	479.4	505.2	466.4	385.6
Total Acre-feet	853	862	887	906	1056	1003	987	964	951	1002	925	765
<u>ASARCO Reported Ac-ft</u>												
Reported	854	863	893	905	1050	1003	982	967	968	1002	926	765
Reported Year-to-Date	854	1717	2610	3515	4566	5568	6550	7517	8485	9487	10413	11178
<u>Tabulations in Ac-ft</u>												
Allocation diverted	853	862	887	906	1056	1003	987	964	951	1002	925	765
Previous Alloc. div		853	1715	2602	3508	4564	5567	6554	7518	8469	9471	10396
Alloc. div to date	853	1715	2602	3508	4564	5567	6554	7518	8469	9471	10396	11161
Article IX Allocation	16221	16221	16221	16221	16221	16221	16221	16221	16221	16221	16221	16221
Allocation Remaining	15368	14506	13619	12713	11657	10654	9667	8703	7752	6750	5825	5060

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

Town of Kearny diverted 163 acre-feet of ASARCO Incorporated's municipal and industrial water in accordance with Court Order Dated June 22, 2004.

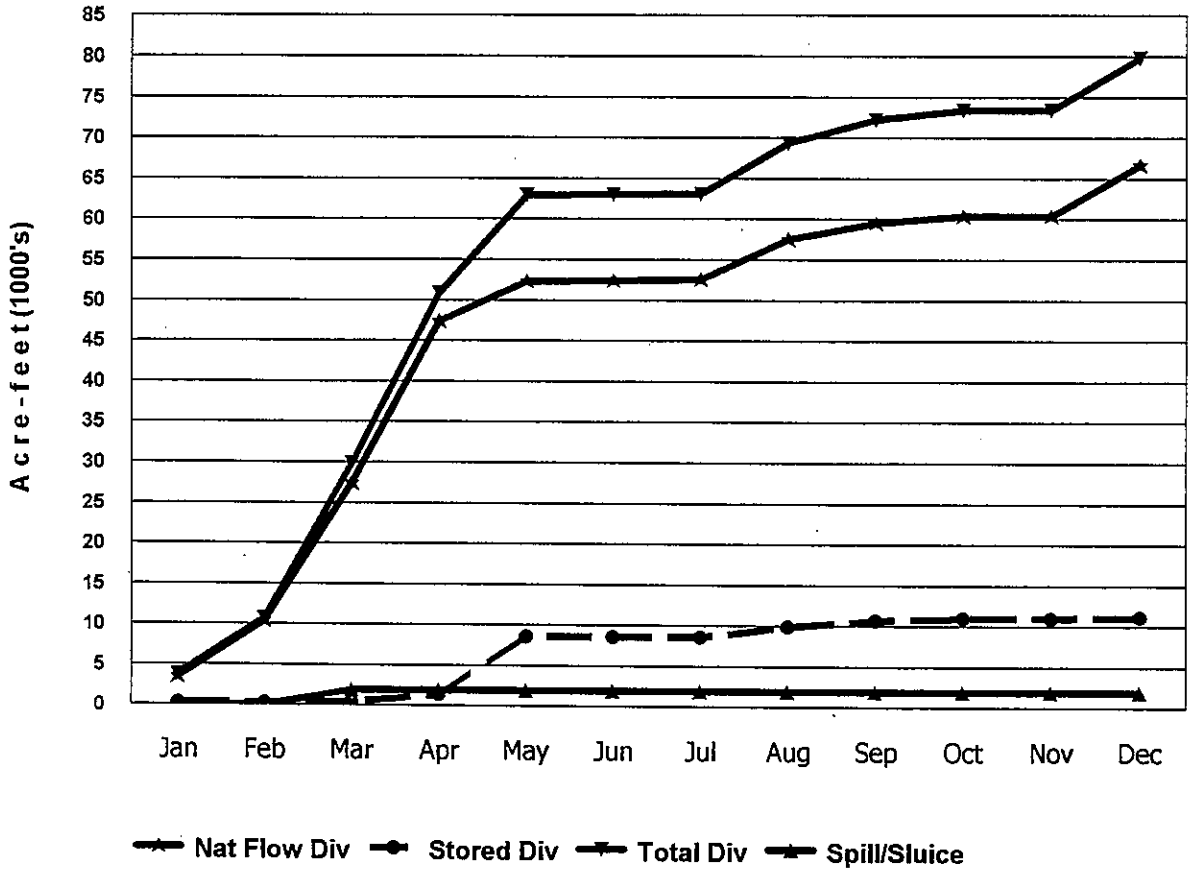
2004

**MASS DIAGRAM OF SAN CARLOS PROJECT
DIVERSIONS AT ASHURST-HAYDEN DAM**

In Acre-feet

Month	Accumulated		Monthly Total Diversions	Accumulated	
	Natural Flow Diversions	Stored Water Diversions		Total Diversions	Spilled and Sluiced
Jan	3,552	313	3,865	3,865	
Feb	10,379	315	10,694	10,694	
Mar	27,419	486	27,905	29,889	1,984
Apr	47,448	1,452	48,900	50,884	1,984
May	52,349	8,605	60,954	62,938	1,984
Jun	52,434	8,605	61,039	63,023	1,984
Jul	52,577	8,605	61,182	63,166	1,984
Aug	57,534	9,912	67,446	69,430	1,984
Sep	59,541	10,751	70,292	72,276	1,984
Oct	60,418	11,033	71,451	73,435	1,984
Nov	60,418	11,033	71,451	73,435	1,984
Dec	66,696	11,210	77,906	79,890	1,984

Graph: Nat Flow Div Stored Div Total Div Spill/Sluice



SAN CARLOS IRRIGATION PROJECT DIVERSIONS at ASHURST-HAYDEN DAM

Original Decreed 102,090.5 Acres

Mean daily diversions - cubic feet per second

2004

JANUARY

T.B.I. Acres - 32,940.96

FEBRUARY

T.B.I. Acres - 36,020.31

MARCH

T.B.I. Acres - 39,013.31

2004	Diverter			Passing Dam		
	Total	Stored	Nat Flow	Spill	Sluice	
1	20		20			
2	13		13			
3	9		9			
4	7		7			
5	4		4			
6						
7	19	15	4			
8	40	40				
9	116	77	39			
10	116	26	90			
11	96		96			
12	84		84			
13	77		77			
14	76		76			
15	58		58			
16	51		51			
17	52		52			
18	54		54			
19	54		54			
20	55		55			
21	55		55			
22	68		68			
23	72		72			
24	73		73			
25	75		75			
26	96		96			
27	99		99			
28	101		101			
29	104		104			
30	102		102			
31	103		103			
Total	1949	158	1791			
Ac-ft	3865	313	3552			
To Date	3865	313	3552			
Duty	0.12					
Diverter						
Total	Stored	Nat Flow	Spill	Sluice		
103		103				
103		103				
105		105				
107		107				
106		106				
105		105				
105		105				
111		111				
118		118				
120		120				
120		120				
120		120				
121		121				
121		121				
125		125				
126		126				
127		127				
126		126				
125		125				
125		125				
126		126				
125		125				
131		131				
133	1	133				
122		122				
121		121				
120		120				
124		124				
122		122				
3443	1	3442				
6829	2	6827				
10694	315	10379				
0.30						
Total	Stored	Nat Flow	Spill	Sluice		
121		121				
122		122				
122		122				
133		133				
316		316				
643		643				
347		347				
345		345				
314	25	289				
296	25	271				
239		239				
259		259				
257		257				
262		262				
275		275				
276		276				
279		279				
282		282				
282		282				
283		283				
283		283				
288		288				
295		295				
284		284				
303		303				
293		293				
289		289				
297	4	293				
315	32	283				
8577	86	8591				1000
17211	171	17040				1984
27905	486	27419				1984
0.72						

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...

SAN CARLOS IRRIGATION PROJECT DIVERSIONS at ASHURST-HAYDEN DAM

Original Decreed 102,090.5 Acres

Mean daily diversions - cubic feet per second

2004

April

T.B.I. Acres - 35,161.68

MAY

T.B.I. Acres - 39,452.21

JUNE

T.B.I. Acres - 36,268.76

2004	Diverted			Passing Dam		
	Total	Stored	Net Flow	Spill	Sluice	
1	290	35	255			
2	286	53	233			
3	305	61	244			
4	286	49	237			
5	272	25	247			
6	276		276			
7	317	317	317			
8	321	321	321			
9	324	324	324			
10	341	341	341			
11	344	344	344			
12	345	345	345			
13	355	355	355			
14	387	387	387			
15	391	391	391			
16	393	393	393			
17	395	395	395			
18	393	393	393			
19	396	396	396			
20	398	398	398			
21	406	406	406			
22	417	417	417			
23	418	418	418			
24	420	420	420			
25	419	26	393			
26	418	75	343			
27	384	50	334			
28	322	42	280			
29	304	44	260			
30	262	27	235			
31						
Total	10585	487	10098			
Ac-ft	20995	966	20029			
To Date	48900	1452	47448			1984
Duty	1.25					

Diverted			Passing Dam		
Total	Stored	Net Flow	Spill	Sluice	
236	28	208			
223	26	197			
203	31	172			
189	12	177			
159	1	158			
151	14	137			
150	44	106			
179	85	94			
192	121	71			
224	150	74			
239	204	35			
291	245	46			
299	247	52			
298	249	49			
306	253	53			
288	209	79			
238	187	55			
233	186	52			
231	188	45			
226	194	37			
212	186	40			
210	179	33			
208	181	29			
191	184	24			
86	62	129			
56		86			
42		56			
31		42			
23		31			
23		23			
6077	3606	2471			
12054	7153	4901			
60954	8605	52349			1984
1.55					

Diverted			Passing Dam		
Total	Stored	Net Flow	Spill	Sluice	
17		17			
11		11			
6		6			
2		2			
1		1			
6		6			
43		43			
85		85			
61039	8605	52434			1984
1.60					

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

SAN CARLOS IRRIGATION PROJECT DIVERSIONS at ASHURST-HAYDEN DAM

Original Decreed 102,090.5 Acres

Mean daily diversions - cubic feet per second

2004

JULY

T.B.I. Acres - 38,111.46

AUGUST

T.B.I. Acres - 38,111.46

SEPTEMBER

T.B.I. Acres - 38,116.46

2004	Diverter			Passing Dam		
	Total	Stored	Nat 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	72	423	1012			1984
Ac-ft	143	839	2007			1984
To Date	61182	10751	59541			1984
Duty	1.61	1.84				

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

SAN CARLOS IRRIGATION PROJECT DIVERSIONS at ASHURST-HAYDEN DAM

Original Decreed 102,090.5 Acres

Mean daily diversions - cubic feet per second

2004

OCTOBER

T.B.I. Acres - 38,291.71

NOVEMBER

T.B.I. Acres - 38,291.71

DECEMBER

T.B.I. Acres - 38,297.71

2004	Diverter			Passing Dam		
	Total	Stored	Nat Flow	Spill	Stulce	
1	14		14			
2	41	26	15			
3	52	2	50			
4	54	13	41			
5	56	21	35			
6	58	16	42			
7	59	14	45			
8	59	19	40			
9	60	31	29			
10	60		60			
11	38		38			
12	19		19			
13	10		10			
14	4		4			
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						
26						
27						
28						
29						
30						
31						
Total	584	142	442			
Ac-ft	1159	282	877			
To Date	71451	11033	60418			1984
Duty	1.87					

Diverter			Passing Dam		
Total	Stored	Nat Flow	Spill	Stulce	
18	7	11			
94	1	93			
102		102			
110	1	109			
119	3	116			
123	1	122			
120		120			
41		59			
41		41			
45		45			
52		52			
62		62			
82		82			
104		104			
112		112			
114		114			
117		117			
132		132			
136	13	119			
141	22	114			
141	20	121			
144	21	123			
142		142			
94		94			
91		91			
92		92			
88		88			
87		87			
91		91			
221		221			
280		280			
89		3165			
177		6278			
11210		66896			1984
2.03					

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

DETERMINATION OF PRIORITY WATER

JANUARY 2004

Mean daily discharge - cubic feet per second

2004	SAN CARLOS RESERVOIR					ASHURST-HAYDEN DAM					DAILY CALL SYSTEM				
	River Inflow	RELEASES		STORAGE		Spilled and/or	Diverted	Stored	Natural Flow	Gain/Loss Nat. Flow	Nat. Flow Available to Project	Duncan Virden	Safford	Winkelman	Ashurst-Hayden
		Total	Natural Flow	Inflow minus Outflow	Ac-ft change S C Res.										
JAN	JAN	JAN	JAN	JAN	JAN	JAN	JAN	JAN	JAN	JAN	JAN	JAN	JAN	JAN	JAN
1	91	91	85	142	17	13	20	20	111	20	19	20	1924	1924	1924
2	85	85	79	118	17	13	13	13	98	13	13	13	"	"	"
3	79	79	79	118	17	13	9	9	88	9	9	9	"	"	"
4	74	30	44	24	22	15	7	7	51	-23	4	4	"	"	"
5	69	47	22	-24	3	4	4	4	26	-43	4	4	1892	1892	1892
6	68	85	-3	-24	17	13	4	4	4	-69	19	15	1892	1892	1892
7	79	151	-17	-95	17	13	40	40	4	-64	19	15	1892	1892	1892
8	103	190	-72	-237	72	40	40	40	39	-64	116	77	1892	1892	1892
9	106	135	-87	-212	87	25	26	26	90	-16	116	77	1892	1892	1892
10	109	109	-29	-118	29	25	96	96	96	-13	96	96	1892	1892	1892
11	110	97	13	24	13	84	84	84	84	-13	84	84	1892	1892	1892
12	113	95	18	-24	18	77	77	77	77	-18	77	77	1892	1892	1892
13	116	91	25	-24	25	76	76	76	76	-15	76	76	1892	1892	1892
14	118	77	41	48	41	58	58	58	58	-19	58	58	1892	1892	1892
15	123	80	43	47	43	51	51	51	51	-29	51	51	1892	1892	1892
16	125	84	41	47	41	52	52	52	52	-32	52	52	1892	1892	1892
17	134	85	49	47	49	54	54	54	54	-31	54	54	1892	1892	1892
18	137	85	52	47	52	54	54	54	54	-31	54	54	1892	1892	1892
19	138	85	53	48	53	55	55	55	55	-30	55	55	1892	1892	1892
20	140	94	46	47	46	55	55	55	55	-39	55	55	1892	1892	1892
21	141	102	39	47	39	68	68	68	68	-34	68	68	1892	1892	1892
22	143	102	41	94	41	72	72	72	72	-30	72	72	1892	1892	1892
23	147	102	45	-47	45	73	73	73	73	-29	73	73	1892	1892	1892
24	156	117	39	119	39	75	75	75	75	-42	75	75	1892	1892	1892
25	157	131	131	-72	26	96	96	96	96	-35	96	96	1892	1892	1892
26	158	132	26	119	26	99	99	99	99	-33	99	99	1892	1892	1892
27	158	132	26	-24	26	101	101	101	101	-31	101	101	1892	1892	1892
28	159	132	27	-24	27	104	104	104	104	-28	104	104	1892	1892	1892
29	160	132	28	28	28	102	102	102	102	-30	102	102	1892	1892	1892
30	160	132	28	24	28	103	103	103	103	-29	103	103	1892	1892	1892
31	160	132	28	-47	28	103	103	103	103	-29	103	103	1892	1892	1892

12% transit loss on daily Stored releases...

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

DETERMINATION OF PRIORITY WATER

FEBRUARY 2004

Mean daily diversions - cubic feet per second

2004	SAN CARLOS RESERVOIR				ASHURST-HAYDEN DAM				DAILY CALL SYSTEM																															
	River Inflow	RELEASES		STORAGE	Sluiced and/or Spilled	ASHURST-HAYDEN DAM		Gain/Loss NatFlow	Nat. Flow Available to Project	COMPUTED PRIORITY YEAR																														
		Total	Natural Flow			Stored	Diverted			Stored	Natural Flow	Duncan Virden	Safford	Winkelman	Ashurst-Hayden																									
		Inflow minus Outflow	Ac-ft change S C Res.	FEB	FEB	FEB	FEB	FEB	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			
JAN 31	160	132	28	-47	1	103	103	-29	131	1																														
FEB 1	161	132	29	-48	2	103	103	-29	132	2																														
FEB 2	164	132	32		3	105	105	-27	137	3																														
FEB 3	166	132	34	24	4	107	107	-25	141	4																														
FEB 4	168	132	36	24	5	106	106	-26	142	5																														
FEB 5	173	132	41		6	105	105	-27	146	6																														
FEB 6	172	132	40	47	7	105	105	-27	145	7																														
FEB 7	172	137	35	-24	8	111	111	-26	146	8																														
FEB 8	175	142	33	24	9	118	118	-24	151	9																														
FEB 9	174	143	31		10	120	120	-23	151	10																														
FEB 10	177	146	31	47	11	120	120	-26	151	11																														
FEB 11	177	146	31	24	12	120	120	-26	151	12																														
FEB 12	177	146	31		13	121	121	-25	152	13																														
FEB 13	174	150	24		14	121	121	-29	145	14																														
FEB 14	171	154	17	-47	15	125	125	-29	142	15																														
FEB 15	173	154	19	23	16	126	126	-28	145	16																														
FEB 16	174	154	20		17	127	127	-27	147	17																														
FEB 17	177	155	22		18	126	126	-29	148	18																														
FEB 18	173	156	17	24	19	125	125	-31	142	19																														
FEB 19	169	156	13	-48	20	125	125	-31	138	20																														
FEB 20	164	156	8	-47	21	126	126	-30	134	21																														
FEB 21	162	156	6		22	125	125	-31	131	22																														
FEB 22	165	156	1	-48	23	131	131	-25	130	23																														
FEB 23	153	151	2	24	24	133	133	-18	135	24																														
FEB 24	153	148	5	-24	25	122	122	-26	127	25																														
FEB 25	158	148	10	24	26	121	121	-27	131	26																														
FEB 26	162	146	16	-24	27	120	120	-26	136	27																														
FEB 27	164	148	16	24	28	124	124	-24	140	28																														
FEB 28	168	150	18		29	122	122	-28	140	29																														
FEB 29	170	150	20						140																															

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

12% transit loss on daily Stored releases...

DETERMINATION OF PRIORITY WATER

MARCH 2004

Mean daily discharge - cubic feet per second

2004		SAN CARLOS RESERVOIR					ASHURST-HAYDEN DAM					DAILY CALL SYSTEM					
		RELEASES		STORAGE			Sluiced and/or Spilled	Diverted	Stored	Natural Flow	Gain/Loss Nat. Flow	Nat. Flow Available to Project	COMPUTED PRIORITY YEAR				
		River Inflow	Total	Natural Flow	Stored	Inflow minus Outflow							Ac-ft change S.C. Res.	Duncan Virden	Safford	Winkelman	Ashurst-Hayden
FEB	29	170	150	150	20	20	121	121	121	-29	141	1	Immem	Immem	Immem	Immem	
MAR	1	178	150	150	28	24	122	122	122	-28	150	2	"	"	"	"	
	2	181	150	150	31	31	122	122	122	-28	153	3	"	"	"	"	
	3	187	155	155	32	71	133	133	133	-22	165	4	"	"	"	"	
	4	200	167	167	33	47	316	316	316	149	349	5	1882	"	"	"	
	5	333	189	189	144	452	643	643	643	854	1187	6	1924	"	"	"	
	6	1097	216	216	881	335	347	347	347	731	1828	7	"	1924	"	"	
	7	684	235	235	449	821	345	345	345	110	794	8	"	"	1882	1882	
	8	412	294	294	118	489	323	323	323	29	441	9	"	"	1924	1924	
	9	283	311	283	28	98	314	25	289	6	289	10	"	"	"	"	
	10	256	284	256	28	-24	296	25	271	15	271	11	"	"	"	"	
	11	291	258	258	23	-147	254	254	254	-4	277	12	"	"	"	"	
	12	313	258	258	55	98	239	239	239	-19	294	13	"	"	"	"	
	13	354	259	259	95	49	259	259	259	-43	354	14	"	"	"	"	
	14	395	278	278	117	197	257	257	257	-21	374	15	"	"	"	"	
	15	428	308	308	120	124	252	252	252	-46	382	16	"	"	"	"	
	16	409	321	321	88	124	275	275	275	-46	363	17	"	"	"	"	
	17	399	322	322	77	75	276	276	276	-46	353	18	1895	"	"	"	
	18	375	322	322	53	75	279	279	279	-43	332	19	1900	1895	"	"	
	19	359	322	322	37	25	282	282	282	-40	319	20	1902	1900	"	"	
	20	400	322	322	20	78	282	282	282	-40	360	21	Immem	1902	1895	1895	
	21	385	322	322	63	49	283	283	283	-39	346	22	1873	Immem	1900	1900	
	22	372	322	322	50	50	283	283	283	-39	333	23	Immem	1873	1902	1902	
	23	453	333	333	120	120	288	288	288	-45	408	24	1879	Immem	Immem	Immem	
	24	462	337	337	125	125	295	295	295	-42	420	25	1899	1879	1873	1873	
	25	441	324	324	117	101	284	284	284	-40	401	26	1913	1899	Immem	Immem	
	26	436	348	348	88	88	303	303	303	-45	391	27	1915	1913	1879	1879	
	27	413	333	333	80	75	293	293	293	-40	373	28	"	1915	1899	1899	
	28	384	333	333	51	50	289	289	289	-44	340	29	1912	"	1913	1913	
	29	355	359	355	4	51	293	4	293	-62	293	30	1883	1912	1915	1915	
	30	326	362	326	36	-36	315	315	315	-43	283	31	"	1883	"	"	
	31	298	338	298	40	-125											

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

DETERMINATION OF PRIORITY WATER

APRIL 2004

Mean daily discharge - cubic feet per second

2004		SAN CARLOS RESERVOIR					ASHURST-HAYDEN DAM					DAILY CALL SYSTEM									
		RELEASES		STORAGE			Silted and/or Spilled		Diverted		Natural Flow		Gain/Loss		Nat. Flow Available to Project		COMPUTED PRIORITY YEAR				
		River Inflow	Total	Natural Flow	Stored	Inflow minus Outflow	Ac-ft change	APR	Spilled	Diverted	Stored	Natural Flow	Nat. Flow	Nat. Flow	Duncan Virden	Safford	Winkelman	Ashurst-Hayden			
MAR 31	298	338	298	40	-40	-135	1		290	35	265	-43	255	1887	1883	1912	1912				
APR 1	270	330	270	60	-60	-199	2		286	53	233	-37	233	1882	1887	1883	1883				
2	261	330	261	69	-69		3		305	61	244	-17	244	1924	1882	"	"				
3	257	313	257	56	-56	-100	4		286	49	237	-20	237	"	1924	1887	1887				
4	275	303	275	28	-28	-49	5		272	25	247	-28	247	"	"	1882	1882				
5	381	335	335	46	-46	-75	6		276	276	276	-59	322	"	"	1924	1924				
6	460	374	374	86	-86		7		317	317	317	-57	403	"	"	"	"				
7	489	374	374	115	-115	50	8		321	321	321	-53	436	"	"	"	"				
8	522	385	385	137	-137	74	9		324	324	324	-61	461	"	"	"	"				
9	564	400	400	164	-164	150	10		341	341	341	-59	505	"	"	"	"				
10	582	400	400	182	-182	25	11		344	344	344	-56	526	"	"	"	"				
11	613	400	400	213	-213	275	12		345	345	345	-55	558	"	"	"	"				
12	659	427	427	232	-232	226	13		355	355	355	-72	587	"	"	"	"				
13	741	456	456	285	-285	278	14		387	387	387	-59	672	"	"	"	"				
14	778	456	456	322	-322	331	15		391	391	391	-65	713	"	"	"	"				
15	804	456	456	348	-348	436	16		393	393	393	-63	741	1895	"	"	"				
16	812	457	457	355	-355	465	17		395	395	395	-62	750	1878	1895	"	"				
17	807	459	459	348	-348	287	18		393	393	393	-66	741	Immem	1878	"	"				
18	763	459	459	304	-304	394	19		396	396	396	-63	700	1868	Immem	1895	1895				
19	708	459	459	249	-249	396	20		398	398	398	-61	647	20	1878	1868	1878				
20	642	473	473	169	-169	267	21		406	406	406	-67	575	21	1884	1878	Immem				
21	616	484	484	132	-132	80	22		417	417	417	-67	549	22	1894	1884	1868				
22	568	485	485	83	-83	-159	23		418	418	418	-67	501	23	1895	1894	1878				
23	502	487	487	15	-15	-53	24		420	420	420	-67	435	24	"	1895	1884				
24	457	487	457	30	-30	-80	25		419	26	393	-64	393	25	"	1894	1894				
25	402	487	402	85	-85	-187	26		418	75	343	-59	343	26	1890	"	1895				
26	355	412	355	57	-57	-212	27		384	50	334	-21	334	27	1884	1890	"				
27	320	368	320	48	-48	-159	28		322	42	280	-40	280	28	1885	1884	"				
28	285	335	285	50	-50	-132	29		304	44	260	-25	260	29	1879	1885	1890				
29	265	296	265	31	-31	-262	30		262	27	235	-30	235	30	1884	1879	1884				
30	245	277	245	32	-32	-131															

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

DETERMINATION OF PRIORITY WATER

MAY 2004

Mean daily discharge - cubic feet per second

2004		SAN CARLOS RESERVOIR					ASHURST-HAYDEN DAM					DAILY CALL SYSTEM				
		RELEASES		STORAGE			Spilled and/or Diverted		Nat. Flow			COMPUTED PRIORITY YEAR		COMPUTED PRIORITY YEAR		
		River Inflow	Total	Natural Flow	Stored	Inflow minus Outflow	Ac-ft change S C Res.	Sitced and/or Spilled	Diverted	Stored	Natural Flow	Gain/Loss Nat. Flow	Nat. Flow Available to Project	Duncan Virden	Safford	Winkelman
APR 30	245	277	245	32	-32	-131							1881	1884	1885	1885
MAY 1	229	259	229	30	-30	-52		236	28	208	-37	208	2	1878	1881	1879
MAY 2	213	248	213	35	-35	-156		203	31	172	-41	197	3	1884	1878	1884
MAY 3	199	213	199	14	-14	-27		189	12	177	-22	177	4	Immem	1884	1881
MAY 4	193	194	193	1	-1	-130		159	1	158	-35	158	5	1885	Immem	1878
MAY 5	178	194	178	16	-16	-51		151	14	137	-41	137	6	Immem	1885	1884
MAY 6	173	223	173	50	-50	-129		150	44	106	-67	106	7	Immem	Immem	Immem
MAY 7	161	248	161	97	-97	-258		179	85	94	-57	94	8	"	"	1885
MAY 8	147	285	147	138	-138	-282		192	121	71	-76	71	9	"	"	Immem
MAY 9	147	306	147	159	-159	-383		221	140	81	-66	81	10	"	"	Immem
MAY 10	135	305	135	170	-170	-479		224	150	74	-61	74	11	"	"	"
MAY 11	120	352	120	232	-232	-549		239	204	35	-85	35	12	"	"	"
MAY 12	114	392	114	278	-278	-470		291	245	46	-88	46	13	"	"	"
MAY 13	110	391	110	281	-281	-707		299	247	52	-58	52	14	"	"	"
MAY 14	108	391	108	283	-283	-603		298	249	49	-59	49	15	"	"	"
MAY 15	104	391	104	287	-287	-521		308	253	53	-51	53	16	"	"	"
MAY 16	97	334	97	237	-237	-426		288	209	79	-18	79	17	"	"	"
MAY 17	89	301	89	212	-212	-565		242	187	55	-34	55	18	"	"	"
MAY 18	90	301	90	211	-211	-490		238	186	52	-38	52	19	"	"	"
MAY 19	87	301	87	214	-214	-464		233	188	45	-42	45	20	"	"	"
MAY 20	81	301	81	220	-220	-506		231	194	37	-44	37	21	"	"	"
MAY 21	76	287	76	211	-211	-412		226	186	40	-36	40	22	"	"	"
MAY 22	72	275	72	203	-203	-498		212	179	33	-39	33	23	"	"	"
MAY 23	69	275	69	206	-206	-473		210	181	29	-40	29	24	"	"	"
MAY 24	66	275	66	209	-209	-557		208	184	24	-42	24	25	"	"	"
MAY 25	64	135	64	71	-71	-133		191	82	129	65	129	26	"	"	"
MAY 26	60	59	59	1	-221	-1		86	27	87	27	87	27	"	"	"
MAY 27	59	50	50	9	-44	-44		56	56	6	6	65	28	"	"	"
MAY 28	57	41	41	16	-67	-67		42	42	1	1	58	29	"	"	"
MAY 29	55	40	40	15	23	23		31	31	-9	-9	46	30	"	"	"
MAY 30	52	19	19	33	-89	-89		23	23	4	4	56	31	"	"	"
MAY 31	49			49												

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

DETERMINATION OF PRIORITY WATER

JUNE 2004

Mean daily discharge - cubic feet per second

2004		SAN CARLOS RESERVOIR					ASHURST-HAYDEN DAM					DAILY CALL SYSTEM						
		RELEASES		STORAGE			Spilled and/or		Natural			COMPUTED PRIORITY YEAR		COMPUTED PRIORITY YEAR				
		River Inflow	Total	Natural Flow	Stored	Inflow minus Outflow	AC-ft change S.C.Res.	JUN	Spilled	Diverted	Stored	Natural Flow	Gain/Loss Nat.Flow	Nat. Flow Available to Project	Duncan	Safford	Immem	Winkelman
MAY 31														Immem	Immem	Immem		
JUN 1	49	49	49	44	44	44	17	17	17	17	17	17	66	1				
2	47	47	47	-22	-22	-22	11	11	11	11	11	11	58	2				
3	43	43	43	67	67	67	6	6	6	6	6	6	49	3				
4	37	37	37	45	45	45	2	2	2	2	2	2	39	4				
5	34	34	34	-110	-110	-110	1	1	1	1	1	1	35	5				
6	31	31	31	-65	-65	-65	6	6	6	6	6	6	34	6				
7	28	28	28	-110	-110	-110							26	7				
8	26	26	26	-88	-88	-88							23	8				
9	23	23	23	-21	-21	-21							20	9				
10	20	20	20	-44	-44	-44							17	10				
11	17	17	17	-44	-44	-44							16	11				
12	16	16	16	-44	-44	-44							16	12				
13	13	13	13	-66	-66	-66							13	13				
14	12	12	12	-21	-21	-21							12	14				
15	11	11	11	-44	-44	-44							11	15				
16	9	9	9	-65	-65	-65							9	16				
17	8	8	8	-131	-131	-131							8	17				
18	9	9	9	-65	-65	-65							9	18				
19	7	7	7	-22	-22	-22							7	19				
20	7	7	7	-108	-108	-108							7	20				
21	6	6	6	-43	-43	-43							6	21				
22	5	5	5	-86	-86	-86							5	22				
23	4	4	4	-22	-22	-22							4	23				
24	3	3	3	-65	-65	-65							3	24				
25	2	2	2	-22	-22	-22							2	25				
26	1	1	1	-86	-86	-86							1	26				
27				-22	-22	-22								27				
28				-86	-86	-86								28				
29				-87	-87	-87								29				
30				130	130	130								30				
31				-85	-85	-85												

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

DETERMINATION OF PRIORITY WATER

JULY 2004

Mean daily discharge - cubic feet per second

2004		SAN CARLOS RESERVOIR				ASHURST-HAYDEN DAM				DAILY CALL SYSTEM								
		RELEASES		STORAGE		Spilled and/or Diverted		Natural Flow		COMPUTED PRIORITY YEAR		DAILY CALL SYSTEM						
JUN 30	River Inflow	Total	Natural Flow	Stored	Inflow minus Outflow	Ac-ft change S.C. Res.	JUL	Spilled	Diverted	Stored	Natural Flow	Gain/Loss Nat. Flow	Nat. Flow Available to Project	JUL	Viridan	Safford	Winkelman	Ashurst-Hayden
1					-65		1							1	Immem	Immem	Immem	Immem
2					-65		2							2	"	"	"	"
3					-43		3							3	"	"	"	"
4					-128		4							4	"	"	"	"
5					-43		5							5	"	"	"	"
6					-22		6							6	"	"	"	"
7					-21		7							7	"	"	"	"
8					-86		8							8	"	"	"	"
9					-149		9							9	"	"	"	"
10					85		10							10	"	"	"	"
11							11							11	"	"	"	"
12					-64		12							12	"	"	"	"
13					-43		13							13	"	"	"	"
14					-127		14							14	"	"	"	"
15					42		15							15	"	"	"	"
16					22		16							16	"	"	"	"
17	6	6			-86		17						6	17	"	"	"	"
18	176	176			-83		18					176	176	18	"	"	"	"
19	55	55			42		19					55	55	19	"	"	"	"
20	66	66			-42		20					66	66	20	"	"	"	"
21	9	9			-43		21					9	9	21	"	"	"	"
22	3	3			-63		22					3	3	22	"	"	"	"
23	1	1			42		23					1	1	23	"	"	"	"
24	1	1			-211		24					1	1	24	"	"	"	"
25	3	3			63		25					3	3	25	"	"	"	"
26	10	10			-169		26					10	10	26	"	"	"	"
27	15	15			-42		27					15	15	27	"	"	"	"
28	264	264			-42		28					43	43	28	"	"	"	"
29	154	154			83		29					19	19	29	1874	"	"	"
30	83	83			42		30					10	10	30	Immem	1874	"	"
31	60	60			21		31					10	10	31	Immem	Immem	"	"

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

DETERMINATION OF PRIORITY WATER

AUGUST 2004

Mean daily discharge - cubic feet per second

2004		SAN CARLOS RESERVOIR					ASHURST-HAYDEN DAM					DAILY CALL SYSTEM					
		RELEASES		STORAGE			Spilled and/or		Natural Flow			Duncan		Safford		Winkelman	Ashurst-Hayden
	River Inflow	Total	Natural Flow	Stored	Inflow minus Outflow	Ac-ft change S.C. Res.	AUG	Spilled	Diverted	Stored	Natural Flow	Gain/Loss Nat.Flow	Nat. Flow Available to Project	Virren	Immem	1874	Ashurst-Hayden
JUL 31	60				60	21	1	10	10		10	10	70	Immem	Immem	1874	1874
AUG 1	51				51	63	2	9	9		9	9	60	"	"	Immem	Immem
2	41				41	64	3	8	8		8	8	49	"	"	Immem	Immem
3	40				40		4	5	5		5	5	45	"	"	"	"
4	36	72	36	36	-36	-106	5	1	1	1	1	-36		"	"	"	"
5	76	172	76	96	-96	-378	6					-76		"	"	"	"
6	115	104	104		11	-126	7					-104		"	"	"	"
7	77	104	77	27	-27	-146	8	2	2	2	2	-104		"	"	"	"
8	76	104	76	28	-28	-104	9	24	24	24	24	-76		"	"	"	"
9	70	104	70	34	-34	-83	10	29	29	29	29	-70		"	"	"	"
10	56	104	56	48	-48	-21	11	32	32	32	32	-56		"	"	"	"
11	56	46	46		10	83	12	34	34	34	34	-12		"	"	"	"
12	67				67	-166	13	30	30	30	30	30	44	"	"	"	"
13	82				82	166	14	117	117	117	117	117	199	1883	"	"	"
14	114				114	209	15	17	17	17	17	17	131	Immem	1883	"	"
15	109				109	21	16	162	162	162	162	162	271	Immem	Immem	"	"
16	177	71	71		106	-21	17	185	185	185	185	114	291	1895	1882	1883	1883
17	349	111	111		17	238	18	159	159	159	159	48	397	1895	1895	Immem	Immem
18	513	166	166		347	-83	19	162	162	162	162	-4	509	1921	1924	1882	1882
19	799	198	198		601	104	20	155	155	155	155	-43	756	1889	1921	1895	1895
20	618	199	199		419	336	21	219	219	219	219	20	638	1881	1889	1924	1924
21	258	199	199		59	274	22	224	224	224	224	25	283	1879	1881	1921	1921
22	176	199	176		-23	-380	23	289	289	289	289	93	269	Immem	1879	1889	1889
23	163	201	163		38	-293	24	254	254	254	254	58	221	"	Immem	1881	1881
24	127	206	127		79	-125	25	149	149	149	149	-48	79	"	"	1879	1879
25	126	206	126		80	-187	26	147	147	147	147	-49	77	"	"	Immem	Immem
26	105	206	105		101	-208	27	147	147	147	147	-47	58	"	"	"	"
27	99	206	99		107	-107	28	147	147	147	147	-46	53	"	"	"	"
28	93	206	93		113	-328	29	147	147	147	147	-45	48	"	"	"	"
29	82	154	82		72	-163	30	147	147	147	147	2	84	"	"	"	"
30	70	108	70		38	-82	31	147	147	147	147	44	114	"	"	"	"
31	69	108	69		39	-162											

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

DETERMINATION OF PRIORITY WATER

SEPTEMBER 2004

Mean daily discharge - cubic feet per second

		SAN CARLOS RESERVOIR				ASHURST-HAYDEN DAM				DAILY CALL SYSTEM						
		RELEASES		STORAGE		Spilled and/or Diverted		Stored		COMPUTED PRIORITY YEAR						
2004	River Inflow	Total	Natural Flow	Inflow minus Outflow	Ac-ft change S.C Res.	SEP	Spilled	Diverted	Stored	Natural Flow	Gain/Loss Nat Flow	Nat. Flow Available to Project	SEP	DAILY CALL SYSTEM		
		108	69	39	-39									-162	1	79
AUG 31	69	108	69	39	-39	-162	1	79	34	45	-24	45	1	Immem	Immem	Immem
1	69	108	69	39	-39	-162	2	53	34	19	-50	19	2	"	"	"
2	66	108	66	42	-42	-81	3	51	37	14	-52	14	3	"	"	"
3	89	108	89	19	-19	-221	4	50	17	33	-56	33	4	"	"	"
4	97	108	97	11	-11	-121	5	51	10	41	-56	41	5	"	"	"
5	88	108	88	20	-20	-121	6	51	18	33	-55	33	6	"	"	"
6	93	108	93	15	-15	-80	7	49	13	36	-57	36	7	"	"	"
7	104	108	104	4	-4	-139	8	49	4	45	-59	45	8	"	"	"
8	97	108	97	11	-11	-68	9	49	10	39	-58	39	9	"	"	"
9	89	107	89	18	-18	-99	10	49	16	33	-56	33	10	"	"	"
10	83	107	83	24	-24	-120	11	49	21	28	-55	28	11	"	"	"
11	88	106	88	18	-18	-78	12	49	16	33	-55	33	12	"	"	"
12	78	106	78	28	-28	-99	13	49	25	24	-54	24	13	"	"	"
13	72	106	72	34	-34	-177	14	49	30	19	-53	19	14	"	"	"
14	66	106	66	40	-40	-176	15	49	35	14	-52	14	15	"	"	"
15	57	73	57	16	-16	-39	16	50	14	36	-21	36	16	"	"	"
16	48	56	48	8	-8	-39	17	33	7	26	-22	26	17	"	"	"
17	44	43	43	1	-58		18	21		21	-22	22	18	"	"	"
18	40	55	40	15	-15	19	19	43	13	30	-10	30	19	"	"	"
19	42	55	42	13	-13	-19	20	58	11	47	5	47	20	"	"	"
20	41	54	41	13	-13	-117	21	28	11	17	-24	17	21	"	"	"
21	43	54	43	11	-11	-97	22	38	10	28	-15	28	22	"	"	"
22	47	54	47	7	-7	-58	23	197	6	191	144	191	23	"	"	"
23	46	54	46	8	-8	-58	24	47	7	40	-6	40	24	"	"	"
24	48	54	48	6	-6	-96	25	32	5	27	-21	27	25	"	"	"
25	45	54	45	9	-9	-19	26	27	8	19	-26	19	26	1892	"	"
26	41	54	41	13	-13	-154	27	25	11	14	-27	14	27	1874	1892	1892
27	186	31	31	155	19		28	23		23	-8	178	28	Immem	1874	1892
28	484			484	212		29	22		22	22	506	29	1886	Immem	1892
29	197	67	67	130	212		30	15		15	-52	145	30	1876	1886	1874
30	132	113	113	19	39											

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

12% transit loss on daily Stored releases...

DETERMINATION OF PRIORITY WATER

OCTOBER 2004

Mean daily discharge - cubic feet per second

2004		SAN CARLOS RESERVOIR				ASHURST-HAYDEN DAM				DAILY CALL SYSTEM							
		RELEASES		STORAGE		Sluiced and/or Spilled		Natural Flow		Duncan		COMPUTED PRIORITY YEAR					
River Inflow	Total	Natural Flow	Stored	Inflow minus Outflow	Ac-ft change S C Res.	Diverted	Stored	Natural Flow	Gain/Loss NatFlow	Nat. Flow Available to Project	Virden	Safford	Winkelman	Ashurst-Hayden			
SEP 30	132	113	113	19	39	14		14	-99	33	1877	1876	1876	1876			
OCT 1	81	111	81	30	-30	41	26	15	-66	15	1880	1877	1886	1886			
2	110	112	110	2	-77	52	2	50	-60	50	1868	1880	1876	1876			
3	98	113	98	15	-15	54	13	41	-57	41	1873	1868	1877	1877			
4	89	113	89	24	-24	56	21	35	-54	35	1873	1873	1880	1880			
5	95	113	95	18	-18	58	16	42	-53	42	1846	1873	1868	1868			
6	97	113	97	16	-16	59	14	45	-52	45	1873	1846	1873	1873			
7	91	113	91	22	-22	59	19	40	-51	40	"	1873	1873	1873	1873		
8	78	113	78	35	-35	60	31	29	-49	29	"	1873	1846	1846	1846		
9	71	69	69	2	-7	60		60	-49	29	1883	"	1873	1873	1873		
10	70	41	41	29	19	38		38	-3	67	1873	1883	1873	1873	1873		
11	68	41	41	27	57	19		19	-22	46	1873	1883	1873	1873	1873		
12	60	41	41	19	-38	10		10	-31	29	1868	"	1883	1883	1883		
13	62	41	41	21	19	4		4	-37	25	1924	1868	1868	1868	1868		
14	58	19	19	39	19				-19	58	"	1924	"	1924	1924	1924	
15	58			58	77					58	"	"	1868	1868	1868	1868	
16	54			54	38					54	"	"	1924	1924	1924	1924	
17	56			56	77					56	"	"	"	"	"	"	"
18	54			54	38					54	"	"	"	"	"	"	"
19	43			43	39					43	"	"	"	"	"	"	"
20	32			32	77					32	"	"	"	"	"	"	"
21	28			28	28					28	"	"	"	"	"	"	"
22	24			24	39					24	"	"	"	"	"	"	"
23	21			21	19					21	"	"	"	"	"	"	"
24	23			23	23					23	"	"	"	"	"	"	"
25	25			25	19					25	"	"	"	"	"	"	"
26	25			25	78					25	"	"	"	"	"	"	"
27	27			27	-39					27	"	"	"	"	"	"	"
28	251			251	39					251	"	"	"	"	"	"	"
29	126			126	330					126	"	"	"	"	"	"	"
30	172			172	215					172	"	"	"	"	"	"	"
31	129			129	335					129	"	"	"	"	"	"	"

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

DETERMINATION OF PRIORITY WATER

NOVEMBER 2004

Mean daily discharge - cubic feet per second

2004		SAN CARLOS RESERVOIR					ASHURST-HAYDEN DAM					DAILY CALL SYSTEM					
		RELEASES		STORAGE			Sluiced and/or Spilled	Diverted	Stored	Natural Flow	Gain/Loss Nat.Flow	Nat. Flow Available to Project	1924		1924		Ashurst-Hayden
		River Inflow	Total	Natural Flow	Stored	Inflow minus Outflow							Ac-ft change S C Res.	Duncan Virden	Safford	Winkelman	
OCT	31	129				335	1				129	1924	1924	1924			
NOV	1	121				100	2				121	"	"	"			
	2	114				99	3				114	"	"	"			
	3	111				189	4				111	"	"	"			
	4	108				302	5				108	"	"	"			
	5	101				201	6				101	"	"	"			
	6	88				162	7				88	"	"	"			
	7	79				244	8				79	"	"	"			
	8	80				122	9				80	"	"	"			
	9	79				123	10				79	"	"	"			
	10	75				82	11				75	"	"	"			
	11	74				164	12				74	"	"	"			
	12	74				186	13				74	"	"	"			
	13	78				82	14				78	"	"	"			
	14	80				228	15				80	"	"	"			
	15	90				90	16				90	"	"	"			
	16	106				146	17				106	"	"	"			
	17	119				230	18				119	"	"	"			
	18	112				167	19				112	"	"	"			
	19	111				211	20				111	"	"	"			
	20	112				232	21				112	"	"	"			
	21	98				170	22				98	"	"	"			
	22	94				212	23				94	"	"	"			
	23	95	40			43	24				55	"	"	"			
	24	190	51			43	25				139	"	"	"			
	25	276	42			234	26				234	"	"	"			
	26	211	42			452	27				189	"	"	"			
	27	211	42			303	28				169	"	"	"			
	28	192	42			152	29				150	"	"	"			
	29	193	133			109	30				60	1915	"	"			
	30	182	190	182	8	-21					-133	1882	1915	"			

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

DETERMINATION OF PRIORITY WATER

DECEMBER 2004

Mean daily discharge - cubic feet per second

2004	SAN CARLOS RESERVOIR						ASHURST-HAYDEN DAM				DAILY CALL SYSTEM							
	RELEASES			STORAGE			Sluiced and/or Spilled	Diverted	Stored	Natural Flow	Gain/Loss NatFlow	Nat. Flow Available to Project	COMPUTED PRIORITY YEAR					
	River Inflow	Total	Natural Flow	Natural Flow	Stored	Inflow minus Outflow							Ac-ft change S C Res.	DEC	Duncan Virden	Safford	Winkelman	Ashurst-Hayden
NOV 30	182	190	182			8	-3	-21				11	1879	1882	1924	1924	1924	
DEC 1	178	179	178	1	-1	8	-1	-22	94	1	93	93	1879	1879	1915	1915	1915	
2	181	173	173		8				102		102	110		1882	1882	1882	1882	
3	172	173	172	1	-1	1			110	1	109	109			1879	1879	1879	
4	170	173	170	3	-3	3		22	119	3	116	116	1868		1868		1868	
5	172	173	172	1	-1	1			123	1	122	122	1924	1868			1868	
6	171	95	95		76			453	120		120	196		1924			1924	
7	179	50	50		129			197	59		59	188			1868		1868	
8	186	63	63		133			175	41		41	174			1924		1924	
9	213	70	70		143			265	41		41	184						
10	191	83	83		108			133	45		45	153						
11	182	97	97		85			111	52		52	137						
12	175	117	117		58			89	62		62	120	1878	1872	1872	1872	1872	
13	170	147	147		23			66	82		82	105						
14	169	158	158		11			-66	104		104	115	1872	1872	1872	1872	1872	
15	165	158	158		7			22	112		112	119	1878	1872	1872	1872	1872	
16	179	158	158		21			-22	114		114	135	1878	1872	1872	1872	1872	
17	173	171	171		2			-45	117		117	119	1846	1878	1872	1872	1872	
18	166	181	166		-15			-89	132	13	119	119	1878	1846	1878	1878	1878	
19	156	181	156		-25			-88	136	22	114	114	1879	1878	1878	1878	1878	
20	158	181	158		-23			-44	141	20	121	121	1873	1879	1846	1846	1846	
21	157	181	157		-24			-89	144	21	123	123	1924	1873	1878	1878	1878	
22	162	128	128		34			-44	142		142	176		1924	1879	1879	1879	
23	141	101	101		40			111	94		94	134			1873	1873	1873	
24	123	108	108		15				91		91	106			1924		1924	
25	133	108	108		25			25	92		92	117						
26	135	108	108		27			27	88		88	115						
27	139	108	108		31			132	87		87	118						
28	141	43	43		98			156	91		91	189	1900					
29	141	56	56		85			490	221		221	306	1924					
30	505	92	92		413			68	280		280	693		1924				
31	439	62	62		377			90										

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		TBI 2004	Colimero Decreased	Sexton Decreased	R. Sexton Decreased	York Decreased	F. E. Ross Decreased	York Cattle Decreased	J. H. Brown Decreased	R. K. Davis Decreased	Laura Short Decreased	TBI 2004	Albert Decreased	Total Decreased	Total Modified
	Decreased	TBI 2004	Decreased	TBI 2004	Decreased	TBI 2004														
1874	6.3	5.5																	6.3	5.5
1881	12.1	10.7																	12.1	10.7
1882	13.2	11.6																	13.2	11.6
1884			0.5	0.4															13.7	12.0
1885	15.5	13.6	2.2	1.8	1.0	0.7										0.1			18.7	16.1
1886			4.1	3.4	2.0	1.5													21.6	18.5
1887	16.1	14.2	4.2	3.5															22.3	19.2
1888			6.6	5.5	7.2	5.3													29.9	25.0
1889	16.5	14.5	7.9	6.6															31.2	26.1
1891	17.7	15.6	8.0	6.7															31.7	26.5
1892	17.8		8.8	7.4															32.9	27.6
1893	19.8	17.4	11.1	9.3	8.2	6.1													33.8	28.3
1894	21.0	18.5	12.0	10.1	9.6	7.1													37.1	31.0
1895	21.1	18.6	14.2	11.9															41.4	34.6
1897	24.4	21.5	23.5	19.7	13.7	10.2	0.9												44.8	37.5
1898	27.6	24.3	29.6	24.9	14.4	10.7	1.1		0.8										58.3	46.5
1900			30.7	25.8	14.6	10.8	1.1												68.4	57.1
1901							1.2	0.6											72.9	60.9
1902							1.6	1.3			1.0								78.2	60.9
1903							2.4			1.3									79.3	60.9
1904	28.5	25.1			15.1	11.2	3.0												74.3	62.1
1905			31.3	26.3	15.2	11.3	3.4												75.0	62.7
1906			31.5	26.4						2.1									75.2	62.8
1907			31.6	26.5			5.0												75.3	62.9
1908			32.3	27.1	16.6	12.3	5.3				3.6					0.2			77.4	64.5
1909											1.4	0.1							77.4	64.5
1910			32.5	27.3							3.7								77.6	64.7
1911	29.1	25.6			17.7	13.2	3.4												78.2	65.2
1912			32.7	27.5															78.4	65.4
1913			32.8	27.5															78.5	65.4
1914	29.4	25.9	33.1	27.8	17.0	12.6	5.4												79.1	66.0
1915					17.1	12.7													79.5	66.3
1916			33.3	28.0	17.2	12.8	5.5												84.1	66.4
1917	33.6	29.6			17.3	12.9					3.8								84.1	66.4
1918	34.4	30.3									3.9								85.0	70.4
1919																			85.0	70.4
1920			33.5	28.1															85.2	71.2
1921																			85.2	71.2
1926	34.5	30.4																	85.3	71.3
1929			34.0	28.5															85.3	71.3
Total	34.5	30.4	34.0	28.5	17.3	12.9	5.5	5.5	1.7	1.8	3.9	0.1	0.6	0.3	0.3	0.5	0.0	85.8	100.6	71.8
DECREED ACRES	2,769.90		2,717.55		1,387.20		441.00	137.90	144.10	144.10	315.10	11.60	49.80	25.60	26.30			8.80	8,061.35	
TBI ACRES	2,429.83		2,281.60		1,030.20		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			0.00	5,741.63	
% REDUCTION	11.96%		16.04%		25.74%		100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%			100.00%	28.76%	
% ACRES TBI	88.04%		83.96%		74.26%		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%			0.00%	71.22%	

Note: for blank spaces use first figure above modified effective December 1, 2004, 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		Smilville		Dodge-Nevada		Curtis		Fort Thomas		Calvin - Jones		TBI TOTAL			
	Decreed	TBI 2004	Decreed	TBI 2004	Decreed	TBI 2004	Decreed	TBI 2004	Decreed	TBI 2004	Decreed	TBI 2004	Decreed	TBI 2004	Decreed	TBI 2004	Decreed	TBI 2004	Decreed	TBI 2004	Decreed	TBI 2004	Total Decreed	TBI TOTAL 2004		
1872							0.4	0.3															0.4	0.3		
1873							1.0	0.8															1.0	0.8		
1874	0.5	0.4		1.2	1.1		2.8	2.2	3.4	2.8													7.9	6.5		
1875	1.0	0.8		3.8	3.4		8.5	5.2	4.8	3.8	0.4												18.5	13.7		
1876	1.2	0.9		6.7	6.7		9.0	6.5	6.5	5.3	0.8												24.3	20.4		
1877	2.1	1.6		18.0	8.9		12.5	10.0	8.0	8.0	0.7												35.4	28.9		
1878	2.8	2.0		11.2	10.0		15.0	12.0	12.1	9.8	0.8												36.8	30.8		
1879	3.0	2.3		13.8	12.3		18.8	15.0	12.2	8.0	1.1												43.8	42.8		
1880	3.8	2.8		15.0	13.4		18.8	15.8	14.5	11.8	1.8												51.2	52.4		
1881	4.0	3.1		18.2	14.4		20.2	18.1	17.4	14.1	2.1												62.2	62.2		
1882	4.8	3.7		18.8	16.7		21.4	17.1	18.7	15.2	3.3												72.7	72.7		
1883	5.2	4.0		20.0	17.8		22.0	17.5	26.2	21.2	5.0												85.8	85.8		
1884	5.9	4.8		22.5	20.0		22.5	17.8	31.8	25.8	5.1												107.8	107.8		
1885	6.4	5.0		23.8	21.2		23.0	18.3	38.2	31.8	6.5												142.0	142.0		
1886	6.8	5.3		28.2	24.4		25.0	18.9	47.8	38.8	9.8												180.8	180.8		
1887	8.4	6.5		28.2	23.8		28.5	22.2	68.6	55.8	17.4												215.8	215.8		
1888	8.8	6.7		25.0	22.3		25.5	20.3	53.9	43.7	11.8												228.0	228.0		
1889	8.7	6.8		25.6	22.8		28.2	20.9	58.9	48.5	13.4												230.3	230.3		
1890	9.3	7.2		28.6	25.5		27.0	21.5	68.0	53.5	14.5												262.8	262.8		
1891	11.5	9.0	2.8	28.7	23.8		27.8	22.2	88.6	68.6	18.0												302.8	302.8		
1892	12.1	8.4		27.0	24.8		28.5	22.7	76.2	56.9	18.4												328.2	328.2		
1893	13.1	10.2		30.4	27.1		30.8	23.5	78.8	57.2	20.0												354.4	354.4		
1894	13.2	10.3		31.8	28.4		30.0	23.9	71.6	58.0	20.4												383.8	383.8		
1895				28.6	25.5		30.5	24.3	72.2	58.5	22.8												404.4	404.4		
1896	14.8	11.5		29.8	28.5		32.0	25.5	72.3	58.6	24.0												428.0	428.0		
1897				28.8	28.8		33.3	28.6	72.4	58.7	24.8												448.8	448.8		
1898				30.4	27.1		34.4	27.4	72.4	58.7	24.8												472.4	472.4		
1899	15.4	12.0		31.8	28.4		38.8	28.3	72.5	58.8	26.3												498.0	498.0		
1900				28.6	25.5		40.5	32.3	71.5	57.7	27.1												524.8	524.8		
1901	15.9	12.4		33.2	28.6		41.8	33.2	72.8	58.9	27.6												552.4	552.4		
1902				34.5	30.7		45.2	38.0	72.7	58.9	28.1												581.2	581.2		
1903				35.7	31.8		48.4	40.4	72.0	58.9	28.7												611.2	611.2		
1904				38.8	35.4		48.8	37.4	73.7	58.7	34.5												642.8	642.8		
1905				41.5	38.9		58.8	48.8	73.8	58.9	35.7												675.6	675.6		
1906				42.8	37.9		58.9	47.0	74.7	60.5	37.5												709.6	709.6		
1907				43.5	39.7		58.9	47.0	74.7	60.5	37.5												745.2	745.2		
1908				48.4	43.1		58.0	47.1	87.8	71.2	38.8												783.2	783.2		
1909				48.8	43.3						41.2													823.6	823.6	
1910				48.5	44.1				87.9	71.2	41.7													865.6	865.6	
1911				50.4	44.9				88.6	71.8	42.2													909.2	909.2	
1912				51.0	45.4				90.1	73.0	48.0													954.4	954.4	
1913									90.7	73.5	48.3													1001.6	1001.6	
1914	16.1	12.5							90.9	73.7	47.4													1050.4	1050.4	
1915				51.5	45.9		58.1	47.1	81.0	73.7	48.8													1100.8	1100.8	
1916				58.2	47.2		58.2	47.2	81.1	73.8	48.1													1152.8	1152.8	
1917	16.3	12.7		58.6	47.5		58.6	47.5	81.7	74.3	50.8													1206.4	1206.4	
1918									81.8	74.4	51.5														1261.6	1261.6
1919									82.0	74.6	52.8														1318.4	1318.4
1920				60.4	48.2		60.4	48.2	82.1	74.8	52.7													1377.2	1377.2	
Total	18.8	12.8	2.8	51.8	48.2		60.4	48.2	82.1	74.8	52.7												408.4	408.4		
DECREED ACRES	1,328.80			210.70			4,935.98		7,371.98		4,271.88												205.80	32,512.40		
TBI ACRES	1,033.33			188.80			3,258.83		5,974.20		2,308.49												165.50	28,202.13		
% REDUCTION	22.12%			10.61%			20.25%		18.08%		7.89%												6.10%	13.28%		
% ACRES TBI	77.88%			89.89%			78.75%		81.94%		92.02%												80.31%	86.74%		

Note: for blank spaces use first figure above modified effective December 1, 2004, in accordance with Court Order

2004

COMPARISON OF U.S.G.S. 2004 DATA TO FINAL DATA

Negative number means revised down from original data

STATION	JANUARY REVISED AC-FT	FEBRUARY REVISED AC-FT	MARCH REVISED AC-FT	APRIL REVISED AC-FT	MAY REVISED AC-FT	JUNE REVISED AC-FT	JULY REVISED AC-FT	AUGUST REVISED AC-FT	SEPTEMBER REVISED AC-FT	OCTOBER REVISED AC-FT	NOVEMBER REVISED AC-FT	DECEMBER REVISED AC-FT	TOTAL REVISED AC-FT
Gila Below Blue Creek	105	38	0	171	-217	-278	0	0	0	-42	-258	402	-77
Gila River Near Clifton	48	82	63	14	117	289	1,445	1,250	-273	-303	909	3,616	7,255
San Francisco River @ Clifton	0	0	-232	2	0	0	73	0	-112	-47	-554	-287	-1,159
Head of Safford Valley	-6	0	-176	397	77	480	143	-47	263	-889	-835	825	230
Gila @ Calva	0	-3	0	4	6	42	291	169	0	60	232	-75	725
San Carlos River @ Peridot	8	0	291	0	0	0	0	0	0	0	0	-25	274
Gila Below Coolidge Dam	0	4	0	0	0	0	2	0	0	0	0	0	7
Gila @ Kelvin	-18	141	-2,275	-425	1,985	-349	-288	-1,050	1,360	683	260	0	24

Note: revised data not used in Water Commissioner's 2004 Annual Report

2004

GILA RIVER BELOW BLUE CREEK, NEAR VIRDEN, N.M.

Mean daily diversions, cubic feet per second

2004 Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	69	99	84	215	183	64	11	51	38	80	167	126
2	72	100	84	193	171	57	11	54	36	76	162	122
3	71	99	82	190	168	52	9.8	92	35	76	153	116
4	72	99	86	263	161	47	9.3	170	74	73	146	114
5	75	101	117	485	151	42	9.0	65	48	64	140	117
6	77	104	147	1010	143	37	8.8	56	45	64	134	121
7	81	103	183	1060	139	35	8.3	51	44	62	131	126
8	86	101	316	1150	134	33	8.2	51	43	55	128	130
9	83	99	482	1410	128	32	8.4	66	41	49	122	127
10	82	95	732	1410	126	30	8.7	63	38	45	116	123
11	91	91	898	1310	125	29	8.8	70	37	43	111	121
12	88	89	968	1450	114	28	9.1	69	34	67	109	121
13	89	90	1030	1570	112	26	9.2	59	30	76	106	120
14	87	95	1010	1500	110	27	9.4	86	24	84	110	120
15	91	96	911	1290	99	26	9.9	129	22	83	117	119
16	92	94	817	984	93	26	23	801	20	83	116	120
17	93	87	765	747	90	25	29	192	19	83	116	121
18	94	82	649	606	86	24	22	174	18	83	114	120
19	95	82	532	519	86	23	18	245	21	81	115	119
20	96	72	488	437	86	22	16	127	24	73	114	118
21	95	69	458	380	82	20	14	114	25	68	114	117
22	96	79	437	344	79	20	14	104	31	69	122	115
23	96	82	411	308	76	19	89	90	32	70	127	114
24	95	88	393	275	75	18	41	78	31	86	132	113
25	93	92	382	251	70	17	80	71	1910	90	134	112
26	103	91	377	236	68	15	76	59	224	105	134	108
27	107	90	364	221	73	15	94	50	69	362	134	106
28	104	94	352	214	70	14	72	43	68	231	132	107
29	103	98	324	204	66	14	60	32	112	213	129	108
30	102		278	194	63	15	59	25	84	200	128	136
31	101		237		64		55	175		188		463
Total Ac-ft	2779	2661	14394	20426	3291	852	900.9	3512	3277	3082	3813	4020
	5512	5278	28550	40515	6528	1690	1787	6966	6500	6113	7563	7974

Total for year: 124,976 acre-feet

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

2004

GILA RIVER NEAR CLIFTON, ARIZONA

Mean daily diversions, cubic feet per second

2004 Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	56	121	107	188	166	27	20	48	115	82	121	144
2	54	117	111	179	157	27	18	51	65	73	112	148
3	59	122	114	176	147	27	16	193	66	66	119	141
4	61	125	127	189	137	27	15	362	91	61	113	133
5	60	126	132	271	126	26	14	120	108	58	107	133
6	72	128	154	421	115	26	12	85	38	47	100	136
7	86	129	189	785	100	26	11	76	34	39	94	132
8	94	131	208	846	94	25	10	72	34	39	90	136
9	94	131	244	895	96	24	9.9	69	34	32	86	138
10	95	128	337	987	93	23	8.6	72	34	25	81	139
11	95	123	422	1010	87	22	7.7	70	34	22	81	139
12	100	111	494	921	84	22	7.2	69	34	17	82	139
13	98	106	502	1000	78	22	6.4	72	34	17	80	133
14	99	105	500	1060	71	22	6.2	199	34	34	78	131
15	108	113	476	1030	68	22	5.3	97	29	43	85	129
16	106	116	428	899	64	22	3.7	665	23	46	91	120
17	107	114	413	734	58	21	2.3	783	20	46	91	117
18	106	102	399	597	53	19	1.6	803	19	47	92	118
19	106	93	394	484	49	17	1.2	293	20	48	91	120
20	108	87	363	405	46	18	0.7	120	20	44	93	121
21	108	69	355	363	43	17	0.5	64	18	35	93	121
22	108	59	360	333	41	16	0.5	52	18	30	166	117
23	106	67	355	296	39	15	0.4	49	18	28	203	116
24	109	83	350	265	36	17	2.7	43	21	26	131	117
25	106	88	341	243	35	17	35	40	118	26	135	124
26	103	93	299	224	33	17	146	37	1560	131	140	124
27	105	93	274	212	31	17	191	32	209	374	139	121
28	109	100	258	202	29	17	126	25	103	215	141	117
29	111	99	256	187	28	18	79	18	79	150	139	117
30	113		239	179	27	19	61	44	162	138	138	116
31	114		218		27		51	37		133		150
Total	2956	3079	9419	15581	2258	635	869.9	4760	3192	2172	3312	3987
Ac-ft	5863	6107	18683	30905	4479	1260	1725	9441	6331	4308	6569	7908

Total for year: 103,579 acre-feet

Drainage area.—4,010 sq. mi.

2004

SAN FRANCISCO RIVER AT CLIFTON, ARIZONA

Mean daily diversions, cubic feet per second

2004 Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	61	70	82	132	126	34	27	28	19	76	62	85
2	61	69	82	143	121	31	24	27	22	77	62	80
3	61	69	78	314	109	36	22	28	25	65	61	77
4	61	72	88	399	101	34	21	28	28	56	60	75
5	61	71	180	407	93	33	18	41	38	48	59	80
6	61	70	308	384	87	32	15	59	44	31	57	100
7	54	69	247	389	85	31	17	61	42	30	57	142
8	55	68	229	401	71	30	18	51	38	35	57	114
9	56	68	247	421	78	24	20	57	34	35	57	100
10	60	68	254	444	83	28	19	78	31	30	51	93
11	61	68	252	554	81	31	20	69	31	40	46	88
12	62	67	262	678	79	31	22	57	26	42	49	85
13	62	67	277	650	78	30	23	105	22	41	86	82
14	63	67	276	593	76	29	23	87	20	38	114	80
15	74	67	274	511	72	28	22	74	21	37	95	81
16	90	66	285	447	57	22	27	84	24	38	90	81
17	82	65	312	397	54	18	23	102	26	37	93	81
18	75	65	300	365	62	25	21	155	29	36	89	79
19	72	64	289	339	60	28	17	101	34	29	82	78
20	72	56	281	311	57	27	14	84	39	27	79	81
21	70	58	273	281	52	27	10	60	42	34	78	81
22	69	63	275	243	51	27	7.9	52	40	40	85	80
23	68	67	282	217	50	28	9.8	45	31	42	268	80
24	69	70	275	195	48	29	21	40	27	43	199	80
25	72	69	275	179	46	31	36	36	37	44	152	70
26	74	68	264	163	39	29	72	32	215	57	130	70
27	73	67	245	150	42	23	63	28	139	57	119	71
28	71	72	220	135	49	28	83	29	99	75	112	76
29	71	83	193	135	47	30	54	29	72	74	105	81
30	70		171	128	45	30	40	27	66	69	101	1160
31	70		152		42		32	24		64		1210
Total	2081	1963	7228	10105	2141	864	841.7	1778	1361	1447	2755	4821
Ac-ft	4128	3894	14337	20043	4247	1714	1670	3527	2700	2870	5465	9562

Total for year: 74,157 acre-feet

2004

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

Mean daily diversions, cubic feet per second

2004 Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	143	194	162	365	291	70	53	115	79	163	185	240
2	140	193	166	358	275	63	50	112	117	146	177	235
3	142	192	272	424	256	59	48	111	92	136	175	230
4	145	194	292	551	237	58	46	259	100	125	176	224
5	147	196	316	636	225	54	44	188	131	117	169	225
6	149	195	447	704	210	51	43	151	130	113	164	237
7	153	194	467	952	201	49	40	136	126	105	161	262
8	153	193	480	1060	186	47	42	130	118	104	163	265
9	155	192	498	1080	183	46	41	120	113	105	158	253
10	159	191	552	1170	186	42	42	124	107	102	154	246
11	163	189	618	1300	182	43	41	158	104	99	151	244
12	166	184	669	1430	175	44	41	140	101	101	150	242
13	166	183	737	1430	169	44	42	145	95	100	157	239
14	171	181	735	1470	158	43	41	265	91	107	188	236
15	189	181	737	1390	153	42	42	205	86	117	184	234
16	199	181	697	1290	146	42	59	368	82	121	183	230
17	205	181	650	1100	130	39	42	532	81	122	181	227
18	199	180	623	920	127	36	40	702	80	123	184	229
19	195	175	602	793	127	37	37	431	82	125	176	226
20	195	171	578	662	122	38	33	360	88	122	175	230
21	197	164	550	585	115	38	31	240	88	119	176	231
22	199	161	561	553	107	38	31	184	91	122	181	228
23	200	164	561	518	101	38	39	159	87	120	341	224
24	202	172	548	478	95	38	46	144	80	121	347	225
25	202	175	545	438	90	39	61	135	97	120	296	224
26	207	177	520	402	89	40	157	129	615	129	275	222
27	206	177	490	366	82	38	242	115	600	307	262	219
28	197	183	468	341	82	36	229	102	215	246	255	219
29	197	187	444	322	82	39	170	95	158	247	243	227
30	197		422	308	78	41	144	88	171	224	240	431
31	196		396		73		122	79		216		1180
Total	5534	5300	15803	23396	4733	1332	2139	6222	4205	4324	6027	8384
Ac-ft	10977	10513	31345	46406	9388	2642	4243	12341	8341	8577	11955	16630

Total for year: 173,358 acre-feet

Drainage area.--7,896 sq. mi.

2004

GILA RIVER AT CALVA, ARIZONA

Mean daily diversions, cubic feet per second

2004 Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	74	150	163	264	228	47		51	69	81	121	178
2	69	153	166	254	213	43		41	66	110	114	181
3	64	154	166	248	199	37		40	89	98	111	172
4	58	154	174	267	193	34		36	94	89	108	170
5	58	158	213	374	178	31		76	88	95	101	172
6	58	158	338	454	173	28		115	93	97	88	171
7	69	158	293	483	151	26		77	104	91	79	178
8	94	161	215	516	147	23		76	97	78	80	194
9	98	162	176	557	147	20		70	89	71	79	210
10	101	164	189	575	135	17		56	83	70	75	187
11	103	165	228	607	120	16		56	88	68	74	177
12	106	166	270	653	114	13		67	78	60	74	169
13	109	163	322	735	110	12		76	72	62	78	163
14	111	161	362	773	108	11		77	66	58	80	161
15	113	162	376	799	104	9.2		109	57	58	90	157
16	115	160	378	807	97	8.2	6	177	48	54	106	170
17	123	160	376	802	89	8.8	176	349	44	56	119	164
18	127	158	353	759	90	7.4	54	513	40	54	112	156
19	129	155	338	704	87	6.5	23	796	42	43	111	146
20	130	151	382	638	81	5.7	8.6	618	41	32	112	148
21	132	151	371	612	76	4.6	3.3	258	43	28	98	148
22	134	145	360	565	72	4.1	1.2	176	47	24	94	153
23	135	142	442	499	69	3.2	0.5	163	46	21	95	132
24	139	141	450	454	66	2.3	0.4	127	48	23	190	114
25	141	145	429	399	64	1.3	2.6	126	45	25	276	123
26	143	151	425	353	60	0.2	10	105	41	25	231	125
27	144	154	402	318	59		15	99	186	27	211	129
28	146	157	375	284	57		264	93	484	251	192	131
29	148	157	347	264	55		154	82	197	126	193	123
30	149		319	244	52		83	70	132	172	182	125
31	150		292		49		60	69		129		167
Total	3470	4516	9690	15261	3443	419.5	861.6	4844	2717	2276	3674	4894
Ac-ft	6883	8957	19220	30270	6829	832	1709	9608	5389	4514	7287	9707

Total for year: 111,205 acre-feet

Drainage area.—11,470 sq. mi.

2004

SAN CARLOS RIVER NEAR PERIDOT, ARIZONA

Mean daily diversions, cubic feet per second

2004 Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	11	11	15	5.6	0.5							
2	10	11	15	6.9	0.3							
3	10	12	21	8.9								
4	11	14	26	8.1					2.5			
5	11	15	120	6.8								
6	10	14	759	6.2								
7	10	14	391	6.3								0.8
8	9.3	14	197	6.4								1.9
9	8.0	12	107	6.7								2.7
10	7.5	13	67	6.5								4.1
11	6.7	12	53	5.8								4.9
12	6.6	11	43	5.7								6
13	6.5	11	32	5.6				6.2				6.6
14	7.0	10	33	5.3				37				7.6
15	10	11	52	5.4								8.2
16	9.6	14	31	5.0								8.5
17	11	17	23	4.5								9.2
18	10	15	22	4.4			1.1					9.6
19	9.3	14	21	4.0			43	2.5				9.8
20	9.8	13	18	3.8				0.1				9.5
21	9.2	11	14	3.7								9.2
22	9.4	10	12	3.3								9.3
23	12	11	11	3.0								9.3
24	17	12	12	2.9								9.3
25	16	13	12	2.5								9.5
26	15	11	11	2.1								9.8
27	14	10	11	1.7								9.8
28	13	11	9.0	1.3								10
29	12	13	7.7	0.9								18
30	11		7.0	0.7								380
31	10		6.2									272
Total	322.9	360	2158.9	140.0	0.8		44.1	45.8	2.5			835.6
Ac-ft	640	714	4282	278	2		87	91	5			1657

Total for year: 7,756 acre-feet

Drainage area.--1.026 sq. mi.

2004

GILA RIVER BELOW COOLIDGE DAM, ARIZONA

Mean daily diversions, cubic feet per second

2004 Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	1.1	132	150	330	259	2.1	1.1	1.0	108	111	1.1	179
2	1.1	132	150	330	248	2.0	1.1	1.0	108	112	1.1	173
3	30	132	155	313	213	2.0	1.1	1.2	108	113	1.1	173
4	47	132	167	303	194	2.0	1.1	72	108	113	1.1	173
5	72	132	189	335	194	1.9	1.1	172	108	113	1.1	173
6	85	132	216	374	223	1.7	1.3	104	108	113	1.1	95
7	151	137	235	374	248	1.7	1.3	104	108	113	1.1	50
8	190	142	294	385	285	1.7	1.4	104	108	113	1.0	63
9	135	143	311	400	306	1.5	1.5	104	107	69	0.8	70
10	109	146	284	400	305	1.3	1.3	104	107	41	0.8	83
11	97	146	258	400	352	1.3	1.1	46	106	41	0.8	97
12	95	146	258	427	392	1.3	0.9	4.0	106	41	0.8	117
13	91	150	259	456	391	1.3	0.9	2.8	106	41	0.8	147
14	77	154	278	456	391	1.3	0.9	1.7	106	19	0.8	158
15	80	154	308	456	391	1.3	1.0	1.6	73	1.7	0.9	158
16	84	154	321	457	334	1.2	0.9	71	56	1.7	1.1	158
17	85	155	322	459	301	1.1	0.8	111	43	1.7	1.0	171
18	85	156	322	459	301	1.1	0.8	166	55	1.7	0.8	181
19	85	156	322	459	301	1.1	0.8	198	55	1.8	0.8	181
20	94	156	322	473	301	1.1	0.8	199	54	1.7	0.8	181
21	102	156	322	484	287	1.1	0.8	199	54	1.7	0.8	181
22	102	156	322	485	275	1.1	0.9	199	54	1.7	0.8	128
23	102	151	333	487	275	1.1	0.9	201	54	1.6	40	101
24	117	148	337	487	275	1.1	0.9	206	54	1.6	51	108
25	131	148	324	487	135	1.2	0.8	206	54	1.4	42	108
26	132	146	348	412	59	1.1	0.8	206	54	1.3	42	108
27	132	148	333	368	50	1.1	0.8	206	31	1.2	42	108
28	132	150	333	335	41	1.2	0.8	206	1.7	1.1	42	43
29	132	150	359	296	40	1.3	0.9	154	67	1.1	133	56
30	132		362	277	19	1.2	0.8	108	113	1.1	190	92
31	132		338		2.5		0.8	108		1.1		62
Total	3040.2	4240	8832	12164	7388.5	41.5	30.4	3567.3	2374.7	1178.2	602.5	3876
Ac-ft	6030	8410	17518	24127	14655	82	60	7076	4710	2337	1195	7688

Total for year: 93,888 acre-feet

Drainage area.—12,886 sq. mi.

2004

NATURAL FLOW RELEASED AT COOLIDGE DAM

Mean daily diversions, cubic feet per second

2004 Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1		132	150	270	229				69	81		178
2		132	150	261	213				66	110		173
3	30	132	155	257	199				89	98		172
4	47	132	167	275	193			36	97	89		170
5	69	132	189	335	178			76	88	95		172
6	68	132	216	374	173			104	93	97		95
7	79	137	235	374	151			77	104	91		50
8	103	142	294	385	147			76	97	78		63
9	106	143	283	400	147			70	89	69		70
10	109	146	256	400	135			56	83	41		83
11	97	146	258	400	120			46	88	41		97
12	95	146	258	427	114				78	41		117
13	91	150	259	456	110				72	41		147
14	77	154	278	456	108				66	19		158
15	80	154	308	456	104				57			158
16	84	154	321	457	97			71	48			158
17	85	155	322	459	89			111	43			171
18	85	156	322	459	90			166	40			166
19	85	156	322	459	87			198	42			156
20	94	156	322	473	81			199	41			158
21	102	156	322	484	76			199	43			157
22	102	155	322	485	72			176	47			128
23	102	151	333	487	69			163	46		40	101
24	117	148	337	457	66			127	48		51	108
25	131	148	324	402	64			126	45		42	108
26	132	146	348	355	59			105	41		42	108
27	132	148	333	320	50			99	31		42	108
28	132	150	333	285	41			93			42	43
29	132	150	355	265	40			82	67		133	56
30	132		326	245	19			70	113		182	92
31	132		298					69				62
Total	2830	4239	8696	11618	3321			2595	1931	991	574	3783
Ac-ft	5613	8408	17249	23044	6587			5147	3830	1966	1139	7504

Total for year: 80,487 acre-feet

2004

STORED WATER RELEASED AT COOLIDGE DAM

Mean daily diversions, cubic feet per second

2004 Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1				60	30				39	30		1
2				69	35				42	2		
3				56	14				19	15		1
4				28	1			36	11	24		3
5	3				16			96	20	18		1
6	17				50				15	16		
7	72				97			27	4	22		
8	87				138			28	11	35		
9	29		28		159			34	18			
10			28		170			48	24			
11					232				18			
12					278				28			
13					281				34			
14					283				40			
15					287				16			
16					237				8			
17					212							
18					211				15			15
19					214				13			25
20					220				13			23
21					211				11			24
22		1			203			23	7			
23					206			38	8			
24				30	209			79	6			
25				85	71			80	9			
26				57				101	13			
27				48				107				
28				50				113				
29			4	31				72				
30			36	32				38			8	
31			40					39				
Total	208	1	136	546	4065			959	442	162	8	93
Ac-ft	413	2	270	1083	8063			1902	877	321	16	184

Total for year: 13,131 acre-feet

2004

GILA RIVER AT KELVIN, ARIZONA

Mean daily diversions, cubic feet per second

2004 Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	14	115	102	291	226	29	6.4	17	81	22		120
2	12	117	101	295	210	29	6.4	16	79	36		121
3	10	120	100	304	200	22	6.4	15	76	37		121
4	9.1	123	111	274	177	14	6.4	24	76	38		124
5	8.4	122	816	266	158	13	6.3	14	77	39		127
6	17	120	1220	298	151	12	6.3	15	75	39		128
7	36	120	560	327	164	10	6.3	24	74	39		95
8	80	126	427	327	179	9.2	6.3	32	73	39		38
9	144	134	407	338	204	8.6	6.2	35	73	39	0.6	34
10	112	133	396	353	219	8.1	6.2	35	73	34	0.9	40
11	93	132	363	354	219	7.8	6.1	37	73	17	0.9	42
12	79	131	312	356	262	7.5	6.2	30	73	14	0.7	57
13	77	131	276	390	297	7.4	6.1	25	73	12	0.7	72
14	76	134	325	415	302	7.1	6.1	330	72	12	0.8	106
15	59	137	313	417	306	6.9	6.0	110	73	11	0.7	120
16	55	138	324	419	307	6.7	5.9	32	64	8.8	0.5	122
17	61	138	320	420	251	6.7	6.3	281	38	5.3	0.5	122
18	62	138	318	419	225	6.6	27	153	35	4.5	0.8	128
19	61	138	313	422	223	6.6	7.2	155	98	3.4	1.1	135
20	63	139	307	423	220	6.6	28	170	45	1.5	1.6	136
21	69	140	308	441	219	6.6	19	288	37	0.7	3.1	136
22	87	139	306	452	206	6.6	12	306	220	0.3	4.6	136
23	90	146	291	451	198	6.6	12	347	92	0.3	5.3	114
24	89	143	302	452	195	6.5	14	246	46	0.3	5.1	82
25	97	136	300	450	195	6.3	13	164	42	0.6	5.6	88
26	111	135	291	449	137	6.4	19	160	40	0.9	4.3	88
27	109	136	304	354	73	6.4	39	159	39	1.0	2.2	87
28	110	140	292	316	56	6.5	46	159	38	0.9	2.5	87
29	110	137	288	277	42	6.5	68	157	29	1.1	3.2	89
30	110		311	243	33	6.5	29	129	21	1.0	12	300
31	110		309		29		21	87		0.9		184
Total	2220.5	3838	10713	10993	5883	289.7	460.1	3752	2005	459.5	57.7	3379
Ac-ft	4404	7613	21249	21805	11669	575	913	7442	3977	911	114	6702

Total for year: 87,374 acre-feet

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

2004

OPERATION OF SAN CARLOS RESERVOIR

Quantities in acre-feet

2004 Month	Storage			Inflow				Releases			Bank	
	Beginning Storage	Ending Storage	Gain or Loss	Calva	Peridot	Rain	Total	Gila River below Coolidge Dam	Reservoir Evapor- ation	Total	Storage	Release
January	27288	27241	-47	6883	640	326	7849	6030	332	6362	1534	
February	27241	27193	-48	8957	714	152	9823	8410	475	8885	986	
March	27193	30250	3057	19220	4282	456	23958	17518	968	18486	2415	
April	30250	32398	2148	30270	278	288	30836	24127	1378	25505	3183	
May	32398	22623	-9775	6829	2		6831	14655	1998	16653		-47
June	22623	21360	-1263	832		68	900	82	1966	2048	115	
July	21360	20188	-1172	1709	87	62	1858	60	1938	1998	1032	
August	20188	18182	-2006	9608	91	309	10008	7076	1473	8549	3465	
September	18182	16316	-1866	5389	5	66	5460	4710	1409	6119	1207	
October	16316	17119	803	4514		175	4689	2337	925	3262	624	
November	17119	22054	4935	7287		124	7411	1195	405	1600	876	
December	22054	23825	1771	9707	1657	452	11816	7688	306	7994	2051	
Totals			-3463	111205	7756	2478	121439	93888	13573	107461	17488	-47

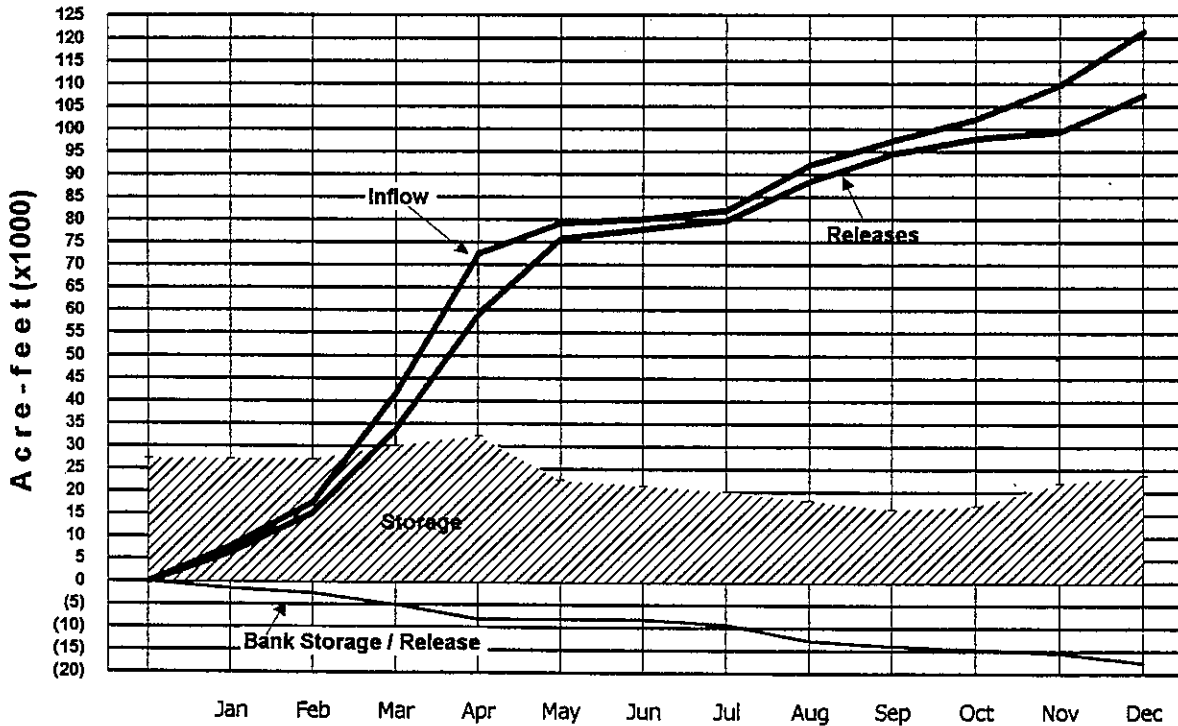
2004

MASS DIAGRAM OF OPERATION OF SAN CARLOS RESERVOIR

In Acre-feet

Month	Storage		Accumulated				Monthly Bank Result
	Contents End of Month	Contents Gain or Loss	Inflow Including Rain	Releases Including Evaporation	Bank Storage	Bank Release	
Begin	27,288						
JAN	27,241	-47	7,849	6,362	1534		-1534
FEB	27,193	-48	17,672	15,247	2520		-2520
MAR	30,250	3057	41,630	33,733	4935		-4935
APR	32,398	2148	72,466	59,238	8118		-8118
MAY	22,623	-9775	79,297	75,891	8118	47	-8071
JUN	21,360	-1263	80,197	77,939	8233		-8186
JUL	20,188	-1172	82,055	79,937	9265		-9218
AUG	18,182	-2006	92,063	88,486	12730		-12683
SEP	16,316	-1866	97,523	94,605	13937		-13890
OCT	17,119	803	102,212	97,867	14561		-14514
NOV	22,054	4935	109,623	99,467	15437		-15390
DEC	23,825	1771	121,439	107,461	17488		-17441

Graph: STORAGE INFLOW RELEASES BANK STOR/REL



2004

WATER SURFACE ELEVATIONS, SAN CARLOS RESERVOIR

Elevation in feet

2004 Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	2414.41	2414.33	2414.34	2415.51	2416.41	2412.33	2411.72	2411.23	2410.15	2409.29	2409.75	2412.07
2	2414.46	2414.33	2414.34	2415.51	2416.35	2412.32	2411.70	2411.26	2410.11	2409.25	2409.80	2412.06
3	2414.47	2414.34	2414.37	2415.47	2416.34	2412.35	2411.64	2411.26	2410.00	2409.25	2409.90	2412.06
4	2414.47	2414.35	2414.39	2415.45	2416.29	2412.33	2411.62	2411.21	2410.00	2409.18	2410.05	2412.07
5	2414.46	2414.35	2414.58	2415.42	2416.27	2412.28	2411.61	2411.03	2409.94	2409.11	2410.15	2412.07
6	2414.42	2414.37	2414.72	2415.42	2416.22	2412.25	2411.60	2410.97	2409.90	2409.07	2410.23	2412.14
7	2414.32	2414.36	2415.06	2415.44	2416.12	2412.25	2411.56	2410.90	2409.83	2409.04	2410.35	2412.23
8	2414.23	2414.37	2415.26	2415.47	2416.01	2412.20	2411.49	2410.85	2409.80	2408.99	2410.41	2412.31
9	2414.18	2414.37	2415.30	2415.53	2415.86	2412.16	2411.53	2410.81	2409.75	2408.96	2410.47	2412.43
10	2414.14	2414.39	2415.29	2415.54	2415.67	2412.15	2411.53	2410.80	2409.69	2408.97	2410.51	2412.49
11	2414.15	2414.40	2415.23	2415.65	2415.45	2412.13	2411.50	2410.84	2409.65	2409.00	2410.59	2412.54
12	2414.14	2414.40	2415.27	2415.74	2415.26	2412.11	2411.48	2410.76	2409.60	2408.98	2410.68	2412.58
13	2414.14	2414.40	2415.29	2415.85	2414.97	2412.08	2411.42	2410.84	2409.51	2408.98	2410.72	2412.61
14	2414.16	2414.38	2415.37	2415.98	2414.72	2412.07	2411.44	2410.94	2409.42	2408.99	2410.83	2412.58
15	2414.18	2414.39	2415.42	2416.15	2414.46	2412.05	2411.45	2410.95	2409.40	2409.03	2410.83	2412.59
16	2414.20	2414.37	2415.47	2416.33	2414.28	2412.02	2411.41	2410.94	2409.38	2409.05	2410.90	2412.58
17	2414.22	2414.37	2415.50	2416.44	2414.04	2412.02	2411.38	2410.99	2409.35	2409.09	2411.01	2412.56
18	2414.24	2414.38	2415.53	2416.59	2413.83	2411.96	2411.40	2410.95	2409.36	2409.11	2411.09	2412.52
19	2414.26	2414.36	2415.54	2416.74	2413.63	2411.93	2411.38	2411.00	2409.35	2409.13	2411.19	2412.48
20	2414.28	2414.34	2415.55	2416.84	2413.41	2411.92	2411.36	2411.16	2409.29	2409.17	2411.30	2412.46
21	2414.28	2414.34	2415.57	2416.87	2413.23	2411.87	2411.33	2411.29	2409.24	2409.17	2411.38	2412.42
22	2414.32	2414.32	2415.57	2416.89	2413.01	2411.85	2411.35	2411.11	2409.21	2409.19	2411.48	2412.40
23	2414.30	2414.33	2415.57	2416.87	2412.80	2411.85	2411.25	2410.97	2409.18	2409.20	2411.50	2412.45
24	2414.35	2414.32	2415.62	2416.84	2412.55	2411.85	2411.26	2410.91	2409.13	2409.20	2411.52	2412.45
25	2414.32	2414.33	2415.66	2416.77	2412.49	2411.81	2411.29	2410.82	2409.12	2409.21	2411.61	2412.45
26	2414.37	2414.32	2415.66	2416.69	2412.39	2411.80	2411.21	2410.72	2409.04	2409.25	2411.82	2412.45
27	2414.36	2414.33	2415.69	2416.63	2412.37	2411.76	2411.19	2410.59	2409.05	2409.23	2411.96	2412.51
28	2414.36	2414.33	2415.71	2416.58	2412.34	2411.72	2411.17	2410.43	2409.16	2409.25	2412.03	2412.58
29	2414.36	2414.33	2415.73	2416.48	2412.35	2411.78	2411.17	2410.35	2409.27	2409.42	2412.08	2412.80
30	2414.37		2415.64	2416.43	2412.31	2411.75	2411.19	2410.31	2409.29	2409.53	2412.07	2412.83
31	2414.35		2415.59		2412.33		2411.20	2410.23		2409.70		2412.87

2004

WATER SURFACE AREAS, SAN CARLOS RESERVOIR

Area in acres

2004 Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	2374	2367	2368	2490	2610	2202	2152	2111	2022	1940	1985	2181
2	2378	2367	2368	2490	2602	2201	2150	2113	2018	1936	1989	2180
3	2379	2368	2371	2485	2601	2204	2145	2113	2009	1936	1999	2180
4	2379	2369	2372	2483	2594	2202	2143	2109	2009	1929	2013	2181
5	2378	2369	2388	2479	2591	2197	2142	2094	2003	1922	2022	2181
6	2375	2371	2400	2479	2585	2195	2141	2090	1999	1918	2028	2186
7	2367	2370	2431	2481	2572	2195	2139	2084	1992	1915	2038	2193
8	2359	2371	2458	2485	2557	2191	2134	2080	1989	1910	2043	2200
9	2355	2371	2463	2493	2537	2188	2137	2076	1985	1907	2048	2210
10	2352	2372	2462	2495	2512	2187	2137	2075	1979	1908	2051	2215
11	2353	2373	2454	2510	2483	2185	2135	2079	1675	1911	2058	2219
12	2352	2373	2459	2521	2458	2184	2133	2072	1670	1909	2065	2222
13	2352	2373	2462	2536	2421	2181	2127	2079	1961	1909	2069	2225
14	2353	2371	2472	2553	2400	2181	2129	2087	1952	1910	2078	2222
15	2355	2372	2479	2576	2378	2179	2130	2088	1950	1914	2078	2223
16	2357	2371	2485	2599	2363	2177	2126	2087	1948	1916	2084	2222
17	2359	2371	2489	2614	2343	2177	2123	2091	1946	1920	2093	2221
18	2360	2371	2493	2634	2326	2171	2125	2088	1946	1922	2099	2218
19	2362	2370	2495	2654	2309	2169	2123	2092	1946	1924	2107	2214
20	2363	2368	2496	2667	2292	2168	2122	2105	1940	1928	2117	2213
21	2363	2368	2499	2671	2276	2164	2119	2116	1935	1928	2123	2210
22	2367	2367	2499	2674	2258	2162	2121	2101	1932	1930	2133	2208
23	2365	2367	2499	2671	2241	2162	2113	2090	1929	1931	2135	2212
24	2369	2367	2506	2667	2220	2162	2113	2085	1924	1931	2136	2212
25	2367	2367	2511	2658	2215	2159	2116	2077	1923	1932	2142	2212
26	2371	2367	2511	2647	2207	2158	2109	2069	1915	1936	2160	2212
27	2370	2367	2515	2639	2205	2155	2107	2058	1916	1934	2171	2217
28	2370	2367	2517	2632	2203	2152	2106	2044	1927	1936	2177	2222
29	2370	2367	2520	2619	2204	2156	2106	2038	1938	1952	2181	2241
30	2371		2508	2613	2200	2154	2107	2035	1940	1963	2181	2243
31	2369		2502		2202		2108	2028		1980		2247

2004

AVAILABLE STORED WATER, SAN CARLOS RESERVOIR

Storage in acre-feet

2004 Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	27383	27193	27217	30051	32346	22623	21295	20251	18020	16316	17219	22054
2	27501	27193	27217	30051	32190	22601	21252	20315	17939	16239	17318	22032
3	27525	27217	27288	29951	32163	22668	21124	20315	17718	16239	17517	22032
4	27525	27241	27335	29902	32033	22623	21081	20209	17718	16103	17819	22054
5	27501	27241	27787	29827	31982	22513	21059	19831	17597	15968	18020	22054
6	27406	27288	28122	29827	31853	22448	21038	19705	17517	15891	18182	22207
7	27169	27264	28943	29877	31595	22448	20952	19559	17378	15834	18426	22404
8	26957	27288	29432	29951	31313	22338	20803	19455	17318	15738	18548	22579
9	26839	27288	29530	30101	30930	22250	20888	19372	17219	15681	18671	22844
10	26744	27335	29506	30126	30451	22229	20888	19351	17099	15700	18753	22977
11	26768	27359	29359	30401	29902	22185	20824	19434	17021	15757	18917	23088
12	26744	27359	29457	30627	29432	22141	20781	19268	16922	15719	19103	23177
13	26744	27359	29506	30905	28725	22075	20654	19434	16745	15719	19185	23243
14	26792	27312	29703	31236	28122	22054	20696	19643	16569	15738	19413	23177
15	26839	27335	29827	31672	27501	22010	20718	19664	16530	15815	19413	23199
16	26886	27288	29951	32137	27075	21945	20632	19643	16491	15853	19559	23177
17	26933	27288	30026	32424	26510	21945	20569	19747	16433	15930	19789	23132
18	26980	27312	30101	32818	26020	21814	20611	19664	16452	15968	19956	23043
19	27028	27264	30126	33214	25556	21749	20569	19768	16433	16007	20167	22955
20	27075	27217	30151	33481	25050	21727	20526	20104	16316	16084	20399	22911
21	27075	27217	30200	33561	24638	21619	20463	20378	16219	16084	20569	22822
22	27169	27169	30200	33614	24140	21576	20505	19998	16161	16123	20781	22778
23	27122	27193	30200	33561	23667	21576	20294	19705	16103	16142	20824	22889
24	27241	27169	30325	33481	23110	21576	20315	19580	16007	16142	20867	22889
25	27169	27193	30426	33294	22977	21490	20378	19393	15988	16161	21059	22889
26	27288	27169	30426	33082	22756	21468	20209	19185	15834	16239	21511	22889
27	27264	27193	30501	32923	22712	21382	20167	18917	15853	16200	21814	23021
28	27264	27193	30551	32791	22645	21295	20125	18589	16065	16239	21966	23177
29	27264	27193	30602	32529	22668	21425	20125	18426	16277	16569	22075	23667
30	27288		30375	32398	22579	21360	20167	18344	16316	16784	22054	23735
31	27241		30250		22623		20188	18182		17119		23825

2004

DAILY EVAPORATION, SAN CARLOS RESERVOIR

Acre-feet

2004 Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	11	20	21	56	64	54	64	59	44	32	21	11
2	7	15	20	52	60	64	63	57	44	32	22	10
3	12	13	5	17	62	70	61	52	43	32	15	12
4	5	6	11	18	53	69	66	51	41	32	13	8
5	9	6	15	17	52	70	64	53	38	32	19	5
6	10	12	15	20	84	75	78	53	37	32	20	8
7	11	12	15	30	67	79	76	54	53	32	9	8
8	4	12	25	35	74	74	74	56	52	32	6	5
9	18	22	33	39	72	70	61	55	59	31	13	6
10	6	12	35	44	62	77	64	58	58	31	13	7
11	19	16	31	40	75	76	58	56	58	31	13	7
12	12	22	35	31	85	66	57	57	58	32	10	12
13	10	22	27	34	63	61	57	60	57	31	12	8
14	11	18	29	42	58	59	54	39	57	32	13	15
15	11	16	21	55	55	71	60	45	57	32	20	19
16	9	24	35	52	60	66	59	40	56	32	9	17
17	14	21	34	50	61	68	60	39	56	32	11	7
18	10	21	38	66	67	61	58	38	54	32	16	10
19	10	28	32	48	58	64	55	42	60	32	12	10
20	8	21	32	48	62	63	57	41	41	31	15	12
21	12	10	32	49	61	67	84	43	46	31	12	8
22	12	21	39	54	71	74	65	45	47	37	13	11
23	6	26	39	50	61	69	72	46	47	34	11	13
24	14	8	26	54	59	60	59	42	42	35	20	4
25	13	14	47	52	70	57	59	41	39	32	12	7
26	9	14	43	58	59	57	60	41	51	30	6	11
27	13	19	47	67	71	60	58	41	18	29	15	11
28	8	5	46	63	52	84	57	43	32	18	12	12
29	9	19	43	68	69	31	60	42	32	24	13	12
30	19		50	69	67	50	58	43	32	5	9	8
31	10		47		64		60	41		15		12
Total	332	475	968	1378	1998	1966	1938	1473	1409	925	405	306

Total for year: 13,573 acre-feet

2004

DAILY RAINFALL, SAN CARLOS RESERVOIR

Acre-feet

2004 Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	10			12								
2				50								
3				108								
4		32	59	12					25			
5			294	48								84
6			48	37								64
7				6								16
8											54	
9												
10				15				17				
11							18					
12												
13			10									
14			45				44	144				
15	63							61				
16	8							26			17	
17	29											
18								61				
19									28			
20												
21	6											
22	28									51	14	
23	55	36									28	
24	20	30										
25	32	20										7
26	75								8			
27										56		
28		34								27	4	
29									5	41		32
30						68						256
31												
Total	326	152	456	288		68	62	309	66	175	124	452

Total for year: 2,478 acre-feet

2004

RAINFALL AT COOLIDGE DAM

Elevation approximately 2,550 feet

inches

2004 DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0.05			0.06								
2				0.24								
3				0.52								
4		0.16	0.30	0.06					0.15			
5			1.48	0.23								0.46
6			0.24	0.18								0.35
7				0.03								0.09
8											0.32	
9												
10				0.07				0.10				
11							0.10					
12												
13			0.05									
14			0.22				0.25	0.83				
15	0.32							0.35				
16	0.04							0.15			0.10	
17	0.15											
18								0.35				
19									0.17			
20												
21	0.03											
22	0.14									0.32	0.08	
23	0.28	0.18									0.16	
24	0.10	0.15										
25	0.16	0.10									0.04	
26	0.38								0.05			
27										0.35		
28		0.17								0.17	0.02	
29									0.03	0.25		0.17
30						0.38						1.37
31												
Total	1.65	0.76	2.29	1.39	0.00	0.38	0.35	1.78	0.40	1.09	0.72	2.44

Note: T-Trace

Total for year: 13.25 inches

1956 - 2004

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	1.23	0.42	0.86	0.54	11.29
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

Note: T-Trace

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