
ANNUAL REPORT
OF THE
OPERATIONS SECRETARY
CONCERNING THE OPERATION OF JOHN MARTIN RESERVOIR

1982

Submitted to The
Operations Committee
ARKANSAS RIVER COMPACT ADMINISTRATION

November 15, 1982

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OPERATIONS SECRETARY'S COMMENTS

1982 was above average in snow pack as well as summer precipitation. A table of precipitation is enclosed in this Report.

No significant problems in administration were encountered during the year. The COMSAT Program was used extensively and was found to be quite valuable, although some improvement is still needed in communicating the latest shifts to the COMSAT.

All deliveries to Kansas were made on schedule, and the Secretary had excellent cooperation from Kansas Water Resources in Garden City.

During the year, State hydrographers made a total of 32 stream measurements on the Compact gauges and a total of 323 visits or personal gauge readings to verify gauge heights or make estimates of ice affected flows.

Also enclosed in this Report is a table showing the computed inflow to John Martin. This is a computation and includes all measured as well as un-measured inflow using the Daily Change in Contents.

FINANCIAL STATUS
OF
OPERATIONS SECRETARY
1982

1982 Contract between Colorado State Engineer Jeris Danielson
and Arkansas River Compact Administration.

Salary for Secretary:

May	\$ 952.00
June.	952.00

Office Supplies:

Calculators (2)	\$260.95
Misc. Supplies.	58.70

Telephone:

Installation of COMSAT Terminal Jack.	\$270.65
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TOTAL \$2494.30

Contract allocated \$2500 to the Operations Secretary. All invoices
and a copy of the Contract are hereto attached.

INVOICE

M. Helen Bever
1914 Sherwood Lane
Pueblo, Colorado 81005

Secretary, month of May 1982 \$952.00

INVOICE

M. Helen Bever
1914 Sherwood Lane
Pueblo, Colorado 81005

Secretary, month of June 1982 \$952.00

M. Helen Bever



LEWMAN & ASSOCIATES, INC.

SALES ORDER

- P.O. Box 22855
Denver, CO 80222
- 1243 So. Colorado Blvd.
Denver, CO 80222
- 759-5440 759-5211
- 4261 E. Mississippi Ave.
Glendale, CO 80222
- 759-9633
- 2008 So. University Blvd.
Denver, CO 80210
- 778-0202
- 516 North Tejon
Colo. Springs, CO 809
- 475-0100
- 1608 So. College Ave.
Ft. Collins, CO 80525
- 484-8822
- 1728 - 28th Street
Boulder, CO 80301
- 447-8890
- 156 West 29th Street
Pueblo, CO 81008
- 542-6361
- 1780 Westland Road
Cheyenne, WY 8200
- 835-0593

CUSTOMER ORDER NUMBER		DATE		SALES REPRESENTATIVE				L071770
		6-7-82		BR	DIV	NAME	NUMBER	
CUSTOMER		ATTENTION		ACCOUNT NUMBER		PHONE		<input checked="" type="checkbox"/> SALE <input type="checkbox"/> TRIAL <input type="checkbox"/> LOAN
1243 So. Colorado Blvd. Pueblo, CO						542-3369		
BILLING ADDRESS		SHIPPING ADDRESS		CITY		STATE		
1906 W. Washington				Pueblo		CO		
CITY		STATE		CITY		STATE		SHIPPED VIA
Pueblo		CO		Pueblo		CO		1

QUANTITIES			UNIT	PRODUCT NUMBER	DESCRIPTION	UNIT PRICE	AMOUNT
ORDERED	SHIPPED	B/O					
1	1		ea	NP-5217	GN 520650		139 45
1	1		ea	NP-1102	GN 2235400269		121 50
✓							

UPS DATA		PICK	MEMO:	CHARGE <input checked="" type="checkbox"/>	SUB-TOTAL		33 0%	DELIVERY	
W	C	PACK			CASH	CODE			RATE
					CC				
BRANCH		DIVISION	CUSTOMER SERVICE PLAN: FROM, THRU		QTY.	UNIT RATE			
DATE & TIME		CALL TAKEN	ORDERED BY	DATE RECEIVED	TOTAL				
R/O		DATE	Thank You	6-7-82	260 95				
This agreement is subject to the terms and conditions as set forth herein and on the reverse side hereof, which the customer acknowledges having read and accepted.				ACCEPTED BY:		BATCH			

SALES REPRESENTATIVE

SLS - L



LEWAN & ASSOCIATES, INC.

SALES ORDER

- P.O. Box 22055
Denver, CO 80222
- 1243 So. Colorado Blvd.
Denver, CO 80222
- 759-5440 759-5211
- 4261 E. Mississippi Ave.
Glendale, CO 80222
- 759-9639
- 2000 So. University Blvd.
Denver, CO 80210
- 778-0202
- 516 North Tejon
Colorado Springs, CO 80900
- 475-8100
- 1608 So. College Ave.
Ft. Collins, CO 80525
- 484-8822
- 1720 - 28th Street
Boulder, CO 80301
- 447-0890
- 156 West 29th Street
Pueblo, CO 81008
- 542-6351
- 1780 Westland Road
Cheyenne, WY 82001
- 635-6583

CUSTOMER ORDER NUMBER		DATE		SALES REPRESENTATIVE			NUMBER		L071774		
		10-8-82		07 54 Pueblo Ofc			492				
CUSTOMER				ACCOUNT NUMBER		PHONE		<input checked="" type="checkbox"/> SALE <input type="checkbox"/> TRIAL <input type="checkbox"/> LOAN <input type="checkbox"/> _____			
Arkansas River Compact Administration (new)						542-33108					
ATTENTION				DELIVERED TO							
BILLING ADDRESS				SHIPPING ADDRESS							
19010 West Northern											
CITY		STATE		ZIP CODE		CITY		STATE		ZIP CODE	SHIPPED VIA
Pueblo		CO		81004							1

QUANTITIES			UNIT	PRODUCT NUMBER	DESCRIPTION	UNIT PRICE	AMOUNT	
ORDERED	SHIPPED	B/O						
1	1			OS-SUPPLIES			19	90
2	2		RL	ZEL-5105D	.40		80	
8	8		ea	GEN-T387	4.75		38	00

OPER DATA		PICK	MEMO:	<p style="text-align: center;">RETURN POLICY</p> <p>1. REFUNDS - Must be made within 3 days. 2. EXCHANGES - Must be made within 10 days. 3. ALL Returns must be accompanied by sales receipt and must be in <u>new</u> condition complete with Box, Accessories, etc., or a restocking charge will be applied.</p>	CHARGE <input checked="" type="checkbox"/>	SUB-TOTAL		58 70														
W	C					PACK	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td rowspan="4" style="writing-mode: vertical-rl; transform: rotate(180deg);">P A I D</td> <td>CASH</td> <td></td> <td colspan="2" style="text-align: center;">SALES TAXES</td> </tr> <tr> <td>CC</td> <td></td> <td>CODE</td> <td>RATE</td> </tr> <tr> <td>CHECK</td> <td></td> <td>33</td> <td>0%</td> </tr> <tr> <td>NO.</td> <td></td> <td colspan="2" style="text-align: center;">DELIVERY</td> </tr> </table>	P A I D	CASH		SALES TAXES		CC		CODE	RATE	CHECK		33	0%	NO.	
P A I D	CASH		SALES TAXES																			
	CC		CODE	RATE																		
	CHECK		33	0%																		
	NO.		DELIVERY																			
BIRANCH	DIVISION	CUSTOMER SERVICE PLAN: FROM, THRU			QTY.	UNIT RATE																
CALL TAKEN		ORDERED BY		DATE RECEIVED	TOTAL		58 70															
DATE & TIME		BY		Thank You	6-8-82																	
R/O	DATE	This agreement is subject to the terms and conditions as set forth herein and on the reverse side hereof, which the customer acknowledges having read and accepted.			ACCEPTED BY:				BATCH	BOX												

CUSTOMER COPY

SLS - L

ARKANSAS RIVER COMPACT ADMINISTRATION

Principal Office - Court House, Lamar, Colorado

No. 526

FIRST NATIONAL BANK IN LAMAR
LAMAR, COLORADO

June 5, 1982 82-87/1021

PAY Two Hundred and Seventy Dollars and 65/100

DATE AMOUNT
\$ 270.65

TO THE ORDER OF Bell Telephone

Leo Jolley
Carl E. Bentrup
TREASURER
CHAIRMAN - VICE CHAIRMAN

⑆1021⑆0087⑆ 000 254⑆

CV 1021 Mountain Bank Note

PAYEE: DETACH THIS STATEMENT BEFORE DEPOSITING CHECK

Arkansas River Compact Administration - Lamar, Colorado

DATE	INVOICE NO.	DESCRIPTION	AMOUNT	DISCOUNT OR DEDUCTION	NET AMOUNT
June 5, 82		Install Telephone Comsat terminal jack			\$270.65

RECEIVED
JUN 16 1982
DIVISION ENGINEER
PUEBLO, COLORADO

2 1 9999 0715 82

MAY 22 1982
303 545 2301
CURR CHGS 270.65
ARE DUE BY JUN 16
TOTAL DUE 270.65

MOUNTAIN BELL
DENVER CO 80244

COLO STATE GOVT
IRRIGATION DIV ENGR
1906 W NORTHERN AV
PUEBLO CO 81004

PLEASE RETURN THIS PAGE
WITH YOUR PAYMENT - IF
PAYING IN PERSON BRING
ENTIRE STATEMENT-DO NOT
FOLD MUTILATE OR STAPLE
THANK YOU

B 235 53 2

21 02545230102354 1253071582 0000000000 0002706505 6

CONTRACT

THIS AGREEMENT is made this 3rd day of May, 1982, by and between the State Engineer of the State of Colorado for the use and benefit of the Colorado Division of Water Resources (State Engineer), 1313 Sherman Street, Room 818, Denver, Colorado 80203, and the Arkansas River Compact Administration, 1001 South Main, Lamar, Colorado 81052.

WHEREAS, the Division Engineer, Water Division II in the Colorado Division of Water Resources serves as Operations Secretary for the Arkansas River Compact Administration; and

WHEREAS, the Arkansas River Compact Administration has previously approved of the use of up to \$2,500.00 of its funds for the maintenance of the office of the Operations Secretary for the six month period ending June 30, 1982.

NOW THEREFORE, it is hereby agreed that:

1. The Division Engineer, in his capacity as the Operations Secretary, shall:
 - A. Regulate the gates of John Martin Reservoir in accordance with the Arkansas River Compact and any operating plans or procedures adopted thereunder; and
 - B. Keep accurate daily records on the water stored in John Martin Reservoir, including all matters appurtenant thereto such as the amount of water residing in or being transferred to special reservoir accounts, evaporation of water from the reservoir which is to be prorated among such accounts, and the determination of transit losses and the procedures for computing such in all matters regarding water being transferred to or from said reservoir and accounts therein; and
 - C. Prepare accurate reports of deliveries of water which reports shall be presented to the Administration's operations committee.
2. In consideration of the services to be performed by the Division Engineer as Operations Secretary, the Arkansas River Compact Administration shall:
 - A. Pay a secretary for the office of the Operation's Secretary at a rate of \$952.00 per month for the months of May and June, 1982; and
 - B. Pay \$596.00 for the installation of a telephone, computer access, and incidental office expenses; and
 - C. Make all disbursements upon receipt of a properly prepared invoice from the Operations Secretary.

Colorado Division of Water Resources

By *Teris A. Danielson*
Teris A. Danielson,
State Engineer

Arkansas River Compact Administration

By _____
Frank Cooley,
Chairman

1982

Delivery of Water To Kansas, 1982

I

Release began @ John Martin Reservoir	6-21-82	1100 Hr.
Release ended @ John Martin	7-5-82	1744 Hr.
Kansas Account - - - - -	14,281.03	A.Ft.
Transit Loss Account - - - -	1,628.08	A.Ft.
Other- - - - -	0	A.Ft.
		<hr/>
TOTAL - - - -	15,909.11	A:Ft.

Arrived @ Frontier Ditch Headgate	6-23-82	0001 Hr.
Arrived @ Coolidge Gage	6-23-82	0300 Hr.
Runout ended @ Coolidge Gage	7-12-82	1744 Hr. #
Total Delivered @ Frontier -	1,296	A.Ft.
Total Delivered @ Coolidge Gage	15,305	A.Ft.
		<hr/>
Total Combined Delivery_ _ _ _	16,601	A.Ft. *

II

Release began @ John Martin Reservoir	8-4-82	1000 Hr.
Release Ended @ John Martin Reservoir	8-14-82	2011 Hr.

Kansas Account - - - - -	8,659.03 A.Ft.
Transit Loss Account - - - - -	1,808.33 A.Ft.
Other- - - - -	336.96 A.Ft.
	<hr/>
TOTAL- - - - -	10,804.32 A.Ft.

Arrived @ Frontier Ditch Headgate	8-5-82	1900 Hr.
Arrived @ Coolidge Gage	8-5-82	2200 Hr.
Runout Ended @ Coolidge Gage	8-20-82	2011 Hr. # (Compound Release. Only 6 Day Runout taken.)

Total Delivered @ Frontier - - - -	949 A.Ft.
Total Delivered @ Coolidge Gage - - -	7,761 A.Ft.
	<hr/>
Total Combined Delivery- - - - -	8,710 A.Ft.

Runout ends seven days after end of release @ John Martin.
(Agreement of 3-12-82)

* No credit taken for flow total over 500 cfs.

III

Release Began @ John Martin Reservoir	8-25-82	1200 Hr.
Release Ended @ John Martin Reservoir	9-1-82	1319 Hr.

Kansas Account - - - - -	7,054.89 A.Ft.
Transit Loss Account - - - - -	1,293.28 A.Ft.
Other- - - - -	270.03 A.Ft.
	<hr/>

TOTAL- - - - - 8,518.20 A.Ft.

Arrived @ Frontier Ditch Headgate	8-26-82	2200 Hr.
Arrived @ Coolidge Gage	8-27-82	0100 Hr.
Runout Ended @ Coolidge Gage	9-8-82	1319 Hr. #

Total Delivered @ Frontier - - - -	663 A.Ft.
Total Delivered @ Coolidge Gage - - -	6,455 A.Ft.
	<hr/>

Total Combined Delivery- - - - - 7,118 A.Ft. *

IV

Release began @ John Martin Reservoir	9-14-82	1000 Hr.
Release ended @ John Martin Reservoir	9-17-82	2114 Hr.
Kansas Account - - - - -		2,774.40 A.Ft.
Transit Loss Account - - - - -		0 A.Ft.
Other - - - - -		0 A.Ft.
		<hr/>
TOTAL - - - - -		2,774.40 A.Ft.
Arrived @ Frontier Headgate	9-15-82	1700 Hr.
Arrived @ Coolidge Gage	9-15-82	2000 Hr.
Runout Ended @ Coolidge Gage	9-24-82	2114 Hr. #
Total Delivered @ Frontier (to 0700 Hr. 9-23) - -		318 A.Ft.
Total Delivered @ Coolidge Gage (to 0700 Hr. 9-23) -		3,283 A.Ft.
		<hr/>
Total Combined Delivery (to 0700 Hr. 9-23) - - - -		3,601 A.Ft. *

(NOTE: Deliveries for releases No. I, II & III calculated from USGS Flow Sheets. Delivery for release No. IV calculated from COMSAT data.)

Runout ends seven days after end of release @ John Martin.
(Agreement of 3-12-82)

* No credit taken for flow total over 500 cfs for release No. III nor over 400 cfs for Release No. IV.

Operation of John Martin Reservoir
During Compact Water Year 1982

Winter Storage in John Martin Reservoir
November 1, 1981 - April 17, 1982

Winter storage in John Martin Reservoir began at 0001 Hour, November 1, 1981. At that time the Conservation Pool was empty. The Reservoir contained 13,712.89 A.F. This water was distributed as follows: 8,152.25 A.F. in Agreement Accounts and 5,560.64 A.F. in the Recreation Pool. Winter storage ended at 1428 Hour, April 17, 1982. During this period a total of 44,426.80 A.F. was stored. This water was allocated to various accounts as specified in the Operating Plan, adopted by the Arkansas River Compact Administration on April 24, 1980. The following tables reflect the status of various accounts during Winter Storage.

TABLE I
COMPACT WATER

	Contents Beg. of Month A.Ft.	Inflow A.Ft.	Evaporation A.Ft.	Releases A.Ft.	Contents End of Month A.Ft.
November	0	4,750.25	62.77	0	4,687.48
December	4,687.48	4,734.00	113.81	0	9,307.67
January	9,307.67	5,389.00	153.44	0	14,543.23
February	14,543.23	4,321.00	296.05	0	18,568.18
March	18,568.18	5,555.00	558.18	0	23,565.00
April 1-17	23,565.00	2,064.55	312.34	25,317.21	2400 Hrs. 4/17 0
TOTALS		26,813.80	1,496.59	25,317.21	

TABLE II

AMITY CANAL WINTER WATER

	Contents Beg. of Month A.Ft.	Inflow A.Ft.	Evaporation A.Ft.	Releases A.Ft.	Contents End of Month A.Ft.
November	0	0	0	0	0
December	0	4,743.00	37.42	0	4,705.58
January	4,705.58	5,027.00	91.27	0	9,641.31
February	9,641.31	5,122.00	209.98	0	14,553.33
March	14,553.33	2,721.00	433.69	0	16,840.64
April 1-17	16,840.64	0	14.09	16,826.55	(2400 Hrs. 4/17) 0
TOTALS		17,613.00	786.45	16,826.55	

TABLE III

AGREEMENT WATER

	Contents Beg. of Month A.Ft.	Inflow A.Ft.	Evaporation A.Ft.	Releases A.Ft.	Contents End of Month A.Ft.
November	8,152.25	0	212.13	192.14	7,747.98
December	7,747.98	0	124.67	0	7,623.31
January	7,623.31	0	100.25	0	7,523.06
February	7,523.06	0	134.21	0	7,388.85
March	7,388.85	0	193.78	0	7,195.07
April 1-17	7,195.07	42,143.76	637.12	3,749.55	(2400 Hrs. 4/17) 44,952.16
TOTALS		42,143.76	1,402.16	3,941.69	

TABLE IV

PERMANENT RECREATION POOL

	Contents Beg. of Month A.Ft.	Inflow A.Ft.	Evaporation A.Ft.	Releases A.Ft.	Contents End of Month A.Ft.
November	5,560.64	0	148.10	0	5,412.54
December	5,412.54	0	87.10	0	5,325.44
January	5,325.44	0	70.04	0	5,255.40
February	5,255.40	0	93.76	0	5,161.64
March	5,161.64	0	135.35	0	5,026.29
April 1-17	5,026.29	0	101.45	0	(2400 Hrs. 4/17) 4,924.84

TABLE V
ALLOCATION OF RESERVOIR CONTENTS
IN ACRE FEET
@ 2400 Hr. April 17, 1982

Total Contents	Agreement Water	Compact Water	Amity Winter Water	Permanent Pool Water
49,877.00	44,952.16	0	0	4,924.84

Summer Storage in John Martin Reservoir
April 17, 1982 - October 31, 1982
Conservation Pool

Summer storage began at 1428 Hour, April 17, 1982. At that time the Conservation Pool was empty. During the summer season, storage in the Conservation Pool totalled 62,250.23 A.Ft. This was all released into accounts in accordance with the Operating Plan, adopted April 24, 1980. The Conservation Pool was empty at 2400 Hour, October 31, 1982.

TABLE VI
SUMMER OPERATIONS OF CONSERVATION POOL

	Contents, A.Ft. Beginning Date Shown	Inflow A.Ft.	Evaporation A.Ft.	Release A.Ft.	Contents, A.Ft. End of Month
April 17	0	0	0	0	0
May 1	0	0	0	0	0
June 1	0	12,064.32	8.56	12,055.76	0
July 1	0	9,991.11	4.10	4,000.00	5,987.01
Aug. 1	5,987.01	29,781.21	187.61	35,580.61	0
Sept. 1	0	6,944.43	7.77	6,936.66	0
Oct. 1	0	3,469.16	1.01	3,468.15	0
TOTALS		62,250.23	209.05	62,041.18	

TABLE VII
STORAGE IN AND RELEASES FROM CONSERVATION POOL

Beginning of Storage		Ending of Storage		Beginning of Release		Ending of Release	
Hour	Day	Hour	Day	Hour	Day	Hour	Day
1330	June 3	0628	June 6	1330	June 3	0628	June 6
0900	June 19	1124	June 22	0900	June 19	1124	June 19
1000	June 27	1040	June 28	1000	June 27	1040	June 28
2400	July 29	0953	Aug. 8	2400	July 29	0953	Aug. 8
0001	Aug. 12	1229	Aug. 13	0001	Aug. 12	1229	Aug. 13
0900	Aug. 22	0536	Aug. 31	0900	Aug. 22	0536	Aug. 31
0800	Sept. 14	1914	Sept. 17	0800	Sept. 14	1914	Sept. 17
0930	Oct. 1	0916	Oct. 3	0930	Oct. 1	0916	Oct. 3

TABLE VIII
SUMMER OPERATION OF PERMANENT RECREATION POOL

	Contents, A.Ft. Beginning Date Shown	Inflow A.Ft.	Evaporation A.Ft.	Release A.Ft.	Contents, A.Ft. End of Month
April 18	4,924.84	0	72.12	0	4,852.72
May 1	4,852.72	0	241.14	0	4,611.58
June 1	4,611.58	103.28	234.03	0	4,480.83
July 1	4,480.83	0	370.69	0	4,110.14
Aug. 1	4,110.14	0	330.26	0	3,779.88
Sept. 1	3,779.88	22.99	265.76	0	3,537.11
Oct. 1	3,537.11	0	162.91	0	3,374.20
TOTALS		126.27	1,676.91	0	

RELEASES FOR IRRIGATION

All waters stored in the Conservation Pool were first transferred to Agreement Accounts in accordance with the Operating Plan, dated April 24, 1980. Water was then released upon order by the Operations Secretary of the Compact Administration.

STATE OF KANSAS

Releases to the State of Kansas were made upon request from their account. In addition, releases were made from both the Transit Loss Account and the Sisson Ditch Account to assist delivery of the Kansas demand to Coolidge, Kansas.

TABLE IX

RELEASES TO STATE OF KANSAS, A.FE.

	Kansas Agreement Account	Kansas Transit Loss Account	Sisson Ditch Account	Total Release to Kansas
April	0	0	0	0
May	0	0	0	0
June	9,541.67	1,291.66	0	10,833.33
July	4,739.36	336.42	0	5,075.78
August	15,159.03	3,101.61	506.99	18,767.63
September	3,329.29	0	0	3,329.29
October	0	0	0	0
TOTALS	32,769.35	4,729.69	506.99	38,006.03

(Added to the minutes of the meeting of 12-14-82 was the statement that 32,769+ A.F. was released and 40,000+ A.F. from all sources arrived at State Line.)

STATE OF COLORADO

Releases to the State of Colorado were made upon individual request of the various ditches in Colorado. Orders were placed with Water Commissioners who then transmitted them to the Operations Secretary. Appropriate transit losses using U.S.G.S. transit loss data for Reach 6 were deducted from diversions.

TABLE X

RELEASES TO STATE OF COLORADO

Month	Acre-Feet
April	16,171.54
May	11,672.93
June	4,319.61
July	3,081.56
August	19,316.79
September	3,575.42
October	814.66
TOTAL	58,952.51

TABLE XI

ALLOCATION OF CONTENTS @ 2400 HOUR, OCT. 31, 1982

Conservation Pool	Agreement Accounts	Permanent Pool	Total
0	8,866.80	3,374.20	12,241.00

Other Water	Kansas	Colorado Ditches
0	1,326.83	7,539.97

PRECIPITATION IN INCHES

	Leadville	Salida	Pueblo	Trinidad	Las Animas	Lamar	Garden City Kansas
Nov. 1981	0.87	0.03	0.04	0.38	0.13	0.53	
Dec.	2.41	0.17	0.67	0.44	0.48	0.38	
Jan. 1982	1.65	0.09	0.54	0.20	Trace	0.04	
Feb.	0.38	0.07	0.31	0.68	0.91	0.60	
Mar.	1.66	Buena Vista 0.26	0.33	0.44	0.46	0.51	
April	0.82	↓ 0.34	0.13	0.28	0.30	0.45	
May	1.16	↓ 1.48	2.28	3.14	1.71	3.96	
June	Sugarloaf 0.88	↓ 0.70	1.75	2.77	4.81	3.11	
July	↓ 2.41	↓ 1.68	2.71	1.80	2.03	2.78	
Aug.	↓ 3.36	↓ 2.55	4.35	2.73	0.68	0.87	
Sept.	Leadville 1.77	↓ 2.12	2.24	2.97	1.47	1.47	
Oct	Not Avaiailable	Not Available	0.37	Not Available	Not Available	Not Available	

JOHN MARTIN RESERVOIR

Computed Inflow A.F.

	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.
1	112	237	397	493	384	194	5	1,128	1,199	3,999	1,241	1,305
2	200	394	374	337	248	250	0	858	1,091	1,780	1,174	1,066
3	152	372	401	182	181	98	62	2,730	1,133	801	1,048	1,029
4	176	394	401	152	316	325	141	2,194	1,109	308	1,109	886
5	131	320	290	120	384	0	59	1,226	987	738	1,090	953
6	96	388	289	213	113	155	39	600	1,010	343	7,026	865
7	144	363	318	214	45	162	77	725	1,204	609	1,060	762
8	84	388	235	277	723	49	38	771	1,156	693	779	726
9	177	364	317	281	419	35	0	733	1,324	776	974	705
10	159	314	184	318	487	201	167	531	1,142	952	1,104	628
11	139	315	187	350	913	70	94	855	1,318	1,411	1,123	727
12	161	340	215	320	432	97	223	814	1,204	2,587	1,315	794
13	142	358	215	288	46	157	219	951	1,232	806	2,356	835
14	142	331	272	352	81	201	73	836	985	652	2,840	703
15	122	279	330	611	959	125	200	877	992	1,020	1,244	583
16	122	305	272	416	188	38	445	947	907	1,394	1,150	679
17	327	332	301	676	187	64	386	1,032	1,093	1,565	837	642
18	348	252	300	562	328	26	318	1,737	1,043	1,237	898	661
19	164	331	444	463	117	152	393	1,408	1,027	1,210	975	652
20	184	305	449	230	82	25	286	1,048	1,082	994	1,073	668
21	164	334	345	330	187	90	319	1,860	978	1,375	1,223	990
22	123	366	375	430	223	96	296	998	1,020	3,796	1,211	988
23	143	366	256	296	118	126	314	1,338	832	5,910	1,239	980
24	143	151	345	364	83	94	276	1,230	672	3,856	1,249	906
25	168	70	376	230	153	6	330	1,404	578	1,917	1,255	978
26	87	231	465	363	188	203	360	1,219	554	724	886	896
27	220	313	465	297	119	135	418	1,639	583	617	760	825
28	154	312	345	368	153	21	830	1,325	544	614	713	768
29	199	232	573		337	258	797	700	1,158	478	954	769
30	131	258	388		121	0	1,007	1,376	2,702	267	1,230	731
31		285	358		85		958		6,369	739		614
TOTAL	4,814	9,600	10,482	9,533	8,400	3,453	9,130	35,090	38,228	44,168	41,136	25,314