

MINUTES OF  
ARKANSAS RIVER COMPACT ADMINISTRATION  
SPECIAL MEETING  
October 26, 1956

ROOM 330 STATE OFFICE BUILDING  
Denver, Colorado

Attendance -

For Colorado:

Ivan C. Crawford, Denver; Director Colorado Water Conservation  
Board  
Harry B. Mendenhall, Rocky Ford; Chairman of Colorado Representatives  
Harry C. Nevius, Lamar; Administration Secretary and Treasurer

For Kansas:

Wm. E. Leavitt, Garden City  
R. V. Smrha, Topeka  
Roland H. Tate, Garden City, Vice Chairman and Chairman of  
Kansas Representatives

For the United States

Brig. Gen. Hans Kramer, San Francisco, Calif.; Chairman of the  
Administration

Others Attending:

James E. Bone,	Corps of Engineers	John Martin Dam
F. C. Snyder,	Div. Eng. I. D. #2	Pueblo, Colorado
Guy M. Vincent,	Kans. Div. of Water Resources	Garden City, Kansas
John T. Martin,	Corps of Engineers	Albuquerque, N. M.
Francis M. Bell,	U.S.G.S.	Denver, Colorado
Ross W. Moor,	U.S.G.S.	Lamar, Colorado
Ralph Adkins,	Colo. Fuel & Iron Corp.	Pueblo, Colorado
Kent M. Truslow,	Peerless Printing Co.	Denver, Colorado
George W. Colburn,	C.W.C.B.	Denver, Colorado

ARKANSAS RIVER COMPACT ADMINISTRATION  
Special Meeting  
October 26, 1956  
Denver, Colorado

A special meeting of the Arkansas River Compact Administration, held October 26, 1956, in Room 330, State Office Building, Denver, Colorado, was called to order by Chairman Hans Kramer, U. S. Representative at 9:35 A. M. General Kramer noted both Kansas and Colorado had a full representation present. He extended his appreciation for the cooperation and courtesy of Administration members in changing the date of this meeting to relieve a conflict which had occurred in his affairs.

As first order of business the minutes of the regular meeting, July 17, 1956, were considered. On motion by Judge Tate; second by Dean Crawford, and vote by states, these minutes were approved as corrected.

The minutes of telephonic meetings held July 19, August 19, and August 27, 1956 were adopted and placed in the record, on motion by Dean Crawford, second by Judge Tate and vote by states. The minutes follow:

Minutes of Telephone Meeting  
July 19, 1956

On the morning of July 19th, most of the streams in Colorado below John Martin Dam were reported at flood stage. The combined flow of Mud and Caddoa creeks was measured in the river at Prowers at 8,000 cfs. Some water was reported in the Purgatoire and small amounts in the Arkansas River at La Junta. Since ditches in Colorado and Kansas were supplied by flood water at least temporarily, the question of closing the gates and conserving water above was considered by telephone, Mr. Leavitt and Mr. Tate acting for Kansas and Mr. Mendenhall and Mr. Nevius for Colorado, also the question of Notification and return to priority administration by July 21st was considered. Affirmative action was taken and the following official notices sent to the State Engineer of Colorado:--

July 19, 1956

Mr. J. E. Whitten  
State Engineer of Colorado  
State Capitol Building  
Denver, Colorado

Dear Mr. Whitten:

This will confirm our telephone conversation today concerning action of the Arkansas River Compact Administration regarding water stored in John Martin Reservoir and in the Purgatoire River at the Las Animas gaging station which will be available by 12:00 Noon July 19, 1956.

The Arkansas River Compact Administration finds this date that water is available in the Conservation Pool for release to water users in Kansas and in Colorado water district #67 as provided in the Compact, and notice is hereby given you, the State Engineer of Colorado, under the provisions of Article V F of the Arkansas River Compact.

Respectfully submitted,  
/s/ Harry C. Nevius  
Harry C. Nevius, Secretary

HCN:dn

cc: F. C. Snyder, Division Engineer, Pueblo, Colorado.

(Findings and Notification by the Arkansas River Compact Administration July 19, 1956 attached hereto and a part of these minutes.)  
(Modification July 21, 1956 attached --  
(Further Modification July 25, 1956 attached--

ATTEST:

Harry C. Nevius, Secretary

Roland H. Tate, Vice Chairman

FINDINGS AND NOTIFICATION  
by  
ARKANSAS RIVER COMPACT ADMINISTRATION

July 19, 1956

WHEREAS, Article VF, of the Arkansas River Compact which became effective on May 31, 1949, provides as follows:

"In the event the Administration finds that within a period of fourteen (14) days the water in the conservation pool will be or is liable to be exhausted, the Administration shall forthwith notify the State Engineer of Colorado, or his duly authorized representative, that commencing upon a day certain within said fourteen (14) day period, unless a change of conditions justifies cancellation or modification of such notice, Colorado shall administer the decreed rights of water users in Colorado Water District #67 as against each other and as against all rights now or hereafter decreed to water users diverting upstream from John Martin Dam on the basis of relative priorities in the same manner in which their respective priority rights were administered by Colorado before John Martin Reservoir began to operate and as though John Martin Dam had not been constructed. Such priority administration by Colorado shall be continued until the Administration finds that water is again available in the conservation pool for release as provided in this Compact, and timely notice of such findings shall be given by the Administration to the State Engineer of Colorado or his duly authorized representative. Provided, that except as controlled by the operation of the preceding provisions of this paragraph and other applicable provisions of this Compact,

when there is water in the conservation pool the water users upstream from John Martin Reservoir shall not be affected by the decrees to the ditches in Colorado Water District 67. Except when administration in Colorado is on a priority basis the water diversions in Colorado Water District 67 shall be administered by Colorado in accordance with distribution agreements made from time to time between the water users in such District and filed with the Administration and with the State Engineer of Colorado or, in the absence of such agreement, upon the basis of the respective priority decrees, as against each other, in said District."

NOW, THEREFORE, acting pursuant to the above quoted provisions of the Arkansas River Compact, and in the exercise of the powers set forth in Article VIII of such Compact, the Arkansas River Compact Administration finds;

That, based upon the present quantity of water stored in, and anticipated release of water from, and inflow to, the John Martin Reservoir, the conservation pool thereof, within a period of fourteen (14) days from this 19th day of July, will be, or is liable to be, exhausted.

NOTIFICATION: in further compliance with the above quoted provisions of the Arkansas River Compact, the Arkansas River Compact Administration hereby notifies the State Engineer of Colorado as follows:

That, commencing on the 21st day of July, 1956, unless a change of conditions justifies cancellation or modification of this notice, he is required, under the terms of the Compact, to administer the decreed rights of the water users in Colorado in the manner and for a period of time determined in accordance with the provisions set forth in the above quoted Article VF of the Compact.

The above findings have been made, and notification thereof given, by the Arkansas River Compact Administration on this 19th day of July, 1956.

ATTEST:

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Roland H. Tate, Vice Chairman

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Harry C. Nevius, Secretary

ARKANSAS RIVER COMPACT ADMINISTRATION

July 21, 1956

Mr. J. E. Whitten  
State Engineer  
State Capitol Building  
Denver, Colorado.

Dear Mr. Whitten:

Reference is made to "Findings and Notification by  
Arkansas River Compact Administration, July 19, 1956."

I am advising you in behalf of the Arkansas River  
Compact Administration that there is in John Martin Reservoir  
water, sufficient to justify modification as to date of priority  
administration.

The time is herewith extended for four (4) days from  
July 21 1956 to July 25 1956.

Respectfully yours,

Harry C. Nevius  
Secretary

Copy to F. C. Snyder  
Irrigation Division Engineer  
Bon Durant Build.  
Pueblo, Colorado.

July 25, 1956

Mr. J. E. Whitten  
State Engineer  
State Capitol Building  
Denver, Colorado

Dear Mr. Whitten:

Reference is made to "Findings and Notification by  
Arkansas River Compact Administration, July 19, 1956."

I am advising you in behalf of the Arkansas River  
Compact Administration that there is in John Martin Reservoir  
water, sufficient to justify another modification as to date  
of priority administration.

The time is herewith extended for three (3) days from  
July 25, 1956 to July 28, 1956.

It is very difficult to estimate the amount of water available in storage, because the capacity tables of the Reservoir at this elevation are not effective. We will keep you informed to the best of our ability.

Respectfully yours,

HCN:dn

Harry C. Nevius, Secretary

cc: F. C. Snyder, Division Engineer, Pueblo, Colorado

Minutes of Telephone Meeting August 19, 1956

Early Sunday August 19th, approximately 20,000 cfs was reported at the Amity dam. Most of this water was from Caddoa and Mud Creeks. No storage had accumulated in John Martin Reservoir but it was evident that water would soon arrive because of reports at Nine Mile, Highland dam and evidence of flood water in Rule Creek. The question of declaring storage was considered by telephone and approved for Kansas by Mr. Leavitt and Mr. Tate and for Colorado by Mr. Mendenhall and Mr. Nevius and the State Engineer of Colorado notified as follows:

August 20, 1956

Mr. J. E. Whitten  
State Engineer  
State Capitol Building  
Denver, Colorado.

Dear Mr. Whitten:

This will confirm our telephone conversation this morning regarding water in John Martin Reservoir and the Arkansas River and concerning action of the Arkansas River Compact Administration with regard thereto taken Sunday, August 19th.

The Arkansas River Compact Administration finds Sunday, August 19, 1956 that water is available in the Conservation Pool for release to water users in Kansas and in Colorado water district #67 as provided in the Compact, and notice is herewith given you, the State Engineer of Colorado, under the provisions of Article V F of the Arkansas River Compact.

Respectfully submitted  
/s/ Harry C. Nevius  
Harry C. Nevius  
Secretary

cc: F. C. Snyder, Division Engineer, Pueblo, Colorado

ATTEST:

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Harry C. Nevius, Secretary

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Roland H. Tate, Vice Chairman

Minutes of Telephone Meeting  
August 27, 1956

On August 27th water in John Martin Reservoir had been reduced to 7324 a.f., according to our capacity tables and since more than 900 cfs was being withdrawn daily the question of Notification and date of Priority administration was considered by telephone, Mr. Leavitt and Mr. Tate acting for Kansas and Mr. Mendenhall and Mr. Nevius for Colorado. Discussion brought out the fact that there was available water in excess of that shown by the capacity table and it was decided that commencing August 31, unless a change of conditions justified modification, the State Engineer should begin to administer the decreed rights in Colorado affected by the Compact.

(Finding and Notification by the Arkansas River Compact Administration August 27, 1956 attached hereto and a part of these minutes.)

ATTEST:

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Harry C. Nevius, Secretary

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Roland H. Tate, Vice Chairman

FINDINGS AND NOTIFICATION

by

ARKANSAS RIVER COMPACT ADMINISTRATION

August 27, 1956

WHEREAS, Article VF, of the Arkansas River Compact which became effective on May 31, 1949, provides as follows:

"In the event the Administration finds that within a period of fourteen (14) days the water in the conservation pool will be or is liable to be exhausted, the Administration shall forthwith notify the State Engineer of Colorado, or his duly authorized representative, that commencing upon a day certain within said fourteen (14) day period, unless a change of conditions justifies cancellation or modification of such notice, Colorado shall administer the decreed rights of water users in Colorado Water District #67 as against each other and as against all rights now or hereafter decreed to water users diverting upstream from John Martin Dam on the basis of relative priorities in the same manner in which their respective priority rights were administered by Colorado before John Martin Reservoir began to operate and as though John Martin Dam had not been constructed. Such priority administration by Colorado shall be continued until the Administration finds that water is again available in the conservation pool for release as provided in this Compact, and timely notice of such findings shall be given by the Administration to the State Engineer of Colorado or his duly authorized representative. Provided, that except as controlled by the operation of the preceding provisions of this paragraph and other applicable provisions of this Compact, when there is water in the conservation pool the water users upstream from John Martin Reservoir shall not be affected by the decrees to the ditches in Colorado Water District 67. Except when administration in Colorado is on a priority basis the water

diversions in Colorado Water District 67 shall be administered by Colorado in accordance with distribution agreements made from time to time between the water users in such District and filed with the Administration and with the State Engineer of Colorado or, in the absence of such agreement, upon the basis of the respective priority decrees, as against each other, in said District."

NOW, THEREFORE, acting pursuant to the above quoted provisions of the Arkansas River Compact, and in the exercise of the powers set forth in Article VIII of such Compact, the Arkansas River Compact Administration finds;

That, based upon the present quantity of water stored in, and anticipated release of water from, and inflow to, the John Martin Reservoir, the conservation pool thereof, within a period of fourteen (14) days from this 27th day of August, will be, or is liable to be, exhausted.

NOTIFICATION: in further compliance with the above quoted provisions of the Arkansas River Compact, the Arkansas River Compact Administration hereby notifies the State Engineer of Colorado as follows:

That, commencing on the 31st day of August, 1956, unless a change of conditions justifies cancellation or modification of this notice, he is required, under the terms of the Compact, to administer the decreed rights of the water users in Colorado in the manner and for a period of time determined in accordance with the provisions set forth in the above quoted Article VI of the Compact.

The above findings have been made, and notification thereof given, by the Arkansas River Compact Administration on this 27th day of August, 1956.

ATTEST:

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Harry C. Nevius, Secretary

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Roland H. Tate, Vice Chairman

General Kramer reported as Chairman that he had received a letter from the Corps of Engineers as follows:

CORPS OF ENGINEERS, U. S. ARMY  
OFFICE OF THE DISTRICT ENGINEER  
ALBUQUERQUE DISTRICT  
P. O. Box 1538  
Albuquerque, New Mexico

Refer To File No. SWKGW-2

3 AUG. 1956

SUBJECT: Reservoir Resurvey of John Martin Reservoir, Colorado  
TO: Hans Kramer, Brig. Gen., U.S.A. (Ret.)  
Chairman and Representative of the U.S.  
Arkansas River Compact Administration  
417 Montgomery Street  
San Francisco 4, California

Dear General Kramer:

Reference is made to letter SWKGW-2, Subject: "Revised Area-Capacity Tables for John Martin Reservoir", dated 10 February 1956 and to your re-



quest of Mr. Bone on 17 July 1956 in regard to plans of this office on the above subject.

A check of the revised area-capacity table was made based on the data obtained during the emptying of John Martin Reservoir in April 1956 as stated in paragraph 2 of the reference letter. This study indicated that the revised capacity of the reservoir in the lower levels is as accurate as practicable to determine by field survey methods. The computed capacity based on the April drawdown data indicated that the actual water in storage was slightly in excess of the storage obtained from the revised capacity table. This means that as inflows occur which induce additional reservoir storage and require the use of a capacity table, additional sediment depletion will occur and therefore make the current revised capacity table more accurate unless unusually large inflows occur.

Under normal conditions the reservoir would be completely resurveyed about once every five years which would indicate a complete resurvey in about 1957. However it is believed that the results of a resurvey made on a dry reservoir condition would be of no more use than the present data since sediment deposition in the low capacity segment of the reservoir would occur during inflows sufficient to create major conservation storage. Therefore it is considered inadvisable to schedule another reservoir resurvey until the reservoir contains a considerable amount of conservation storage. Interim surveys, as may be required by significant inflows, will be made based on computational procedure of revising the capacity curve as was made in 1955.

It is hoped that this explanation will answer yours and other members of the Arkansas River Compact Administration questions regarding future reservoir resurveys. I wish to assure you of my desire to cooperate fully with you and the members of the Arkansas River Compact Administration. Accordingly, if you still feel that a physical survey is necessary at this time, I would appreciate an expression of your views. It would be necessary for me to request funds from the Chief of Engineers for the survey, and I am sure that your opinion in the matter would weigh heavily.

If additional questions remain, please feel free to present them.

Sincerely yours,

/s/ Robert E. Cron, Jr.  
ROBERT E. CRON, JR  
Colonel, CE  
District Engineer

General Kramer had replied:

417 Montgomery Street  
San Francisco 4, California  
ARKANSAS RIVER COMPACT ADMINISTRATION

August 7, 1956

Colonel Robert E. Cron, Jr., C.E.  
District Engineer  
Albuquerque District  
Corps of Engineers,  
P. O. Box 1538,  
Albuquerque, New Mexico

Dear Colonel Cron:

I have your letter of August 3, 1956, regarding a resurvey of John Martin Reservoir.

In view of your explanation, I concur in your conclusion that another reservoir resurvey need not be made for the present. However, it is to be hoped that budget provisions will be made by the Corps of Engineers to enable a regular resurvey in 1957, or a special interim resurvey if and when a need arises.

I can assure you that the Arkansas River Compact Administration appreciates your interest and that of your operating staff in our mutual problems.

Sincerely yours,

Hans Kramer,  
Chairman and Representative of the U. S.  
Arkansas River Compact Administration

cc: Each ARCA Member

Chairman Kramer asked Mr. John Martin, of the Corps of Engineers, for comments. Mr. Martin stated that the Corps of Engineers' figures indicated a further check of capacities in low levels will become more accurate until such time as a major inflow occurs. Because of the extremely dry period, a resurvey should be made when there is considerable quantity of water in the reservoir. At that time there may have occurred a material change in sedimentation.

A discussion ensued concerning the accuracy of measurements and quantities as related to operational procedures and releases in the lower levels.

Mr. Nevius stated it would assist him greatly if a revised capacity table from Elevation 3790 were available.

Mr. Martin said he could furnish an unofficial table of the last 10,000 A. F.

Mr. Snyder requested that these figures tie in with the official figures that he publishes.

After further discussion on this it was suggested that it might be better to have a complete revision of the lower portion of the Area Capacity Table. Mr. Martin suggested that the Corps of Engineers could revise the table up to maximum storage level and, if heavy inflow occurred, then revert back to the table now in use.

Chairman Kramer stated that because of the various interests involved, he would, with the approval of the Administration, refer the matter to a special committee to study the situation and report to the Administration at its December meeting. This suggestion, on motion by Mr. Smrha, second by Dean Crawford and without dissent, was adopted. Chairman Kramer appointed the following committee:

Harry C. Nevius, Chairman

F. C. Snyder, Engineer, Colorado Division No. 2

Ross Moor, U. S. Geological Survey

James Bone, Corps of Engineers

John Martin, Corps of Engineers

Guy M. Vincent, Kansas Dept. of Water Resources

Mr. Nevius, Secretary, read into the record a letter from the Colorado State Engineer as follows:

STATE OF COLORADO  
OFFICE OF STATE ENGINEER  
DIVISION OF WATER RESOURCES  
Denver 2  
July 25, 1956

Mr. Harry C. Nevius, Secretary  
Arkansas River Compact Administration  
Lamar, Colorado

Dear Mr. Nevius:

This will acknowledge receipt of your notification by the Administration that water was stored in John Martin Reservoir in sufficient quantities to

justify modification of the method of operation agreeable to the Arkansas River Compact; also as to the extension of such modification from July 21st to July 25, 1956; also your telephone conversation of July 25th extending such operation to July 28th; and that on this date (July 25th) the Lake elevation is 3788.34 feet.

Very truly yours,

/s/ J. E. Whitten  
State Engineer

JEW:L

Discussion of this letter was held and Mr. Snyder was asked to inform the Colorado State Engineer that the subject of reservoir capacity at low levels was being studied.

Mr. Nevius then reminded the Administration that it was time for the annual audit which in the past had been performed by Mr. Rollins of La Junta. Mr. Mendenhall moved that Mr. Nevius be authorized to have the audit made by Mr. Rollins and to negotiate his fee. This motion was seconded by Judge Tate and carried on vote by states.

As Treasurer, Mr. Nevius presented the Treasurer's Report which was accepted for the record:

ARKANSAS RIVER COMPACT ADMINISTRATION

Report of the Treasurer, Oct. 26, 1956

Balance on hand October 31, 1955, Auditor's Report \$1,251.63

Receipts:

Call authorized October 28, 1955

Colorado 60% 12-16-55 \$ 1,440.00  
Kansas 40% 12-31-55 960.00

2,400.00  
\$3,651.63

Disbursements: Vouchers 166 - 183 Reported July 17, 1956

2,077.28  
\$1,574.35

Voucher Date

184 9-5-56 J. L. Wade, Agent, Nat'l Surety Co.  
Treasurers Bond 25.00  
185 Mtn States T & T Co. Service & Tolls 60.65  
186 Schoenith Office Equip Co., Supplies 7.82  
187 Secretary's Salary July & Aug.  
(less 4.00 F.I.C.A.) 196.00  
289.47

Treasurer's Report Continued:

Bal:

\$ 1,574.35

Voucher	Date			
Total Forwarded		- - - - -	- - - - -	\$ 289.47
188	10-15-56	Mtn. States T. & T. Co. Sept.		
		Service & Tolls	22.55	
189		Harry C. Nevius, Mileage	62.40	
190		Secretary Salary, Sept. (less 2.00 F.I.C.A.)	98.00	
191		Treasurer of U.S. Deposits by States	<u>8.00</u>	<u>480.42</u>
Balance on hand, October 26, 1956				\$ 1,093.93

Mr. Smrha moved, Mr. Nevius seconded that the Treasurer make a call on the respective states for their proportionate share of the 1956-1957 fiscal year's budget. The affirmative vote by States was unanimous.

The Secretary was authorized to enter into and sign for the Administration a cooperative agreement with the U. S. G. S., to the amount budgeted, (\$500.00) for the operation of gauging stations for the Fiscal Year ending June 30, 1957.

The budget for the fiscal year 1957-1958 was considered on the same basis as for fiscal year 1956-1957 although discussion was held showing need of increasing some items. Because of administrative procedures in the respective States, the present meeting was unable to increase the figures for 1957-1958. The budget, based as above, was adopted on motion by Judge Tate, seconded by Dean Crawford and vote by States.

As adopted the budget is:

BUDGET  
ARKANSAS RIVER COMPACT ADMINISTRATION  
For Fiscal Year July 1, 1957 to June 30, 1958

	1956 - 57 Budget	Expenditures 10-31-55 - 10-26-56	1957 - 58 Budget
Personal Services			
Secretary Salary	\$1,200.00	\$1,078.00	\$1,200.00
Social Security	50.00	40.00	50.00
Gage Reports	500.00	500.00	500.00
Auditor Report	75.00	65.00	75.00
Capital Outlay	300.00	-	300.00
Maintenance and Operation			
Bond	25.00	25.00	25.00
Printing	600.00	522.00	600.00
Official Publication	100.00	-	100.00
Travel	150.00	115.20	150.00
Typing & Mailing	200.00	12.00	200.00
Investigation & Inspection	150.00	-	150.00
Telephone & Telegraph	300.00	188.18	300.00
Office Supplies	<u>150.00</u>	<u>12.32</u>	<u>150.00</u>
Total	\$3,800.00	\$2,557.70	\$3,800.00

BUDGET  
ARKANSAS RIVER COMPACT ADMINISTRATION  
For Fiscal Year July 1, 1957 to June 30, 1958  
(Continued)

	1956 - 57 Budget	Expenditures 10-31-55 - 10-26-56	1957 - 58 Budget
Totals forwarded:	\$3,800.00	\$2,557.70	\$3,800.00
Estimated carry-over as of 6-30-57			\$ 800.00
Balance to be appropriated by States			\$3,000.00
State proportions:			
60% Colorado - - - - -			\$ 1,800.00
40% Kansas - - - - -			\$ 1,200.00
Total:			\$ 3,000.00

Mr. Bell, U.S.G.S., stated that he anticipated larger funds will be needed for gaging stations in the future. This anticipation was based on the fact that some gages, particularly the radio type, are wearing out and will need to be replaced. He stated he requested consideration of this subject far enough in advance to originate sufficient funds for this replacement. He could not state what policy the Geological Survey might adopt. Although he thinks perhaps cooperative funds may be used, for safety, it should be anticipated that the Administration may have to replace them in their entirety. He estimates that the cost may be up to \$5,000.00 for the three gages.

Chairman Kramer stated that in the formulation of the Compact, appropriate language had been included, with U.S.G.S. and Congressional approval, to justify Federal funds for that purpose. General Kramer quoted from his report of 1949 as the Federal Representative on the Compact Commission.

It was moved by Mr. Smrha, seconded by Mr. Crawford that the consideration of the budget for fiscal year 1958-1959 be made at the regular July meeting in 1957. On vote by States the motion carried.

General Kramer directed the attention of the Administration to provisions of Paragraph 3, Article VIII of the By-Laws. This language was originally written to conform with the administrative procedures then in effect. Present practices have made this obsolete. Chairman Kramer then requested the Administrative and Legal Committee to prepare an ammendment to the By-Laws to remedy this situation, and which would be ready for consideration at the regular December meeting. Article XI of the By-Laws was read. This prescribes the method for making such proposed ammendments.

Judge Tate proposed that the following language be considered and included in the next meeting notice so that proper action can be taken.

"Article VII Paragraph 3 of the By-Laws of the Arkansas River Compact Administration shall be ammended to read:

' The Administration shall annually adopt and transmit to the Governor of each State, its budget covering anticipated expenses for the ensuing fiscal year, and the amount thereof payable by each State.' "

The Operations Committee read the following report which was accepted subject to verification of changes made at the meeting:

OPERATIONS COMMITTEE REPORT

October 26, 1956

At the time of our last meeting on July the 17th John Martin Reservoir was empty. However, there was a flash flood in the Picketwire on that evening that put 1,000 c f s at Nine Mile. The next morning the Picketwire was down to 100 feet at that point. In the afternoon of the 18th there was 1,080 feet at 4:30 over the Highland Dam and the next morning at 3:00 o'clock there was 2,650 feet by the same point. On the 19th there was a heavy rain that put 5,000 c f s down Wolf Creek, Caddoa Creek 400 feet, Mud Creek 3,000 feet, Dry Creek 2,000 feet, Granada Creek 2,000 feet. On the 20th there was 1,200 feet down the Big Sandy and 5,000 feet in the Picketwire at Trinidad. On the 23d there was 10,000 feet at the mouth of the Picketwire and Timpas Creek reached a peak of 8,000 feet.

The gates of John Martin Reservoir were closed on July the 19th and on the morning of the 20th 300 feet were released and at 2:30 in the afternoon of July 21st the releases were increased to 500 feet. On the 24th these releases were increased to 700 feet and at 3:00 P. M. on the afternoon of the 31st the reservoir was declared empty.

On August the 2d there was 3,300 feet through Trinidad and on the 3d 4,200 feet at the same place. Very little of this ever reached John Martin Reservoir. On the 19th there were heavy rains in Lamar area and the gates of the John Martin Reservoir were closed at 6:00 A. M. There were peaks in the various creeks as follows:

Rule Creek	8,000
Caddoa Creek	10,000
Clay Creek	5,000
Mud Creek	10,000
Dry Creek	2,000
Willow Creek	2,000

On the 20th there was a peak at the state line of 16,000 c f s. On the 21st there was 14,852 feet of storage in John Martin Reservoir. By the 22d there was accumulated a total of 15,230 acre feet. On August 20th there was released 300 c f s. On the 21st this was increased to 850 c f s and slight variations continued through until the 26th at which time releases were increased to 910 c f s. On the 31st they were increased to 950 c f s. On September the 2d at 6:30 A. M. the reservoir was completely emptied since which time the river has reverted to decreed priorities.

The Engineering Committee made a verbal report concerning the study of the floods of 1955. The Committee thinks that a further study would be repetition of the study now published by the Corps of Engineers and no useful purpose would be served by such an additional report.

It was moved by Mr. Smrha, seconded by Dean Crawford, that the assignment, on the 1955 flood report, made to the Engineering Committee, be withdrawn. On vote the motion carried.

Mr. Smrha referred to a letter by General Kramer on the subject of sedimentation. He said the figures he has indicate that sedimentation is about two-thirds that expected in the original studies on this phase. This was interesting to him and it might be related to the fact that the water supply for this period had been about the same two-thirds quantity. Mr. Smrha indicated that he did not think further studies would bring out further facts. On motion duly made and seconded, the Engineering Committee was discharged from further study of this subject for the time being.

Mr. Martin stated that he did not want the Administration to think that the Corps of Engineers had forgotten its request for a sedimentation survey. He assured the members that fund requests were made each year for this purpose, but that conditions vary so that the need is weighted against the funds available.

Mr. Adkins pointed out that the data now available is five years old at least and at that time the present drouth cycle had not started.

The meeting was recessed at 12:15 to reconvene at 1:30.

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Afternoon Session

Chairman Kramer stated that the annual meeting of the Administration would be held Tuesday, December 11, 1956 in the Court House, Lamar, Colorado.

After due consideration and discussion, the various portions of the textual and tabular material for the Administration's Eighth Annual Report were assigned or approved. Dean Crawford's office was requested to collect this material and prepare a dummy copy for editing at the December meeting.

Discussion was held among members and others present concerning status of legislation on transmountain and flood control projects. Dean Crawford stated, that although passed by both houses of Congress, the Trinidad Project which was in the Omnibus bill, was included in the veto of the bill by the President. The legislative status of the Fryingpan-Arkansas diversion was discussed at length.

Discussion was held concerning the effect on and the interest of the Administration in P. L. 566, entitled the "Watershed Protection and Flood Prevention Act" together with the liberalizing amendments thereto. It was stated that this had caused some activity on Big Sandy Creek and other tributaries to the Arkansas River. Dean Crawford said that activity under this bill had been placed under the Soil Conservationist of Colorado. Mr. Adkins said he was not sure that the Soil Conservation Service was complying with State law as far as filing on some of the improvements under P. L. 566.

General Kramer asked what effect these activities would have on stream flow and whether the Administration should be concerned.

From the considerable discussion, there seemed to be several items which concern the Administration under Article IV-D of the Compact. Chairman Kramer thought it might be appropriate for the Colorado Soil Conservationist to be invited to the next meeting. It was anticipated that he might be able to answer questions which the Administration found pertinent to its activity and concern.

Mr. Nevius suggested that the Colorado State Engineer could give information concerning the filings by the Soil Conservation Service.

Chairman Kramer stated that reliable information should be obtained concerning this activity. Mr. Nevius was directed to inquire on behalf of the Administration regarding administrative procedures of the Soil Conservation Service and Colorado State Engineer, and of particular concern, the activity in the Big Sandy area. He was requested to report his findings to the Administration at the December meeting.

The meeting was adjourned at 3:10 P. M. with the reminder of the annual meeting December 11, 1956 in Lamar, Colorado.

The above minutes were approved by Administration action at its meeting December 11, 1956.

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Hans Kramer (Brig. Gen.-U.S.A.-Ret.)

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Harry C. Nevius  
Administration Secretary