

ASHLEY CREEK DISTRIBUTION SYSTEM

TABLE OF CONTENTS

1 9 7 9

ACKNOWLEDGEMENTS

LETTER OF TRANSMITTAL

ASHLEY CREEK DISTRIBUTION SYSTEM 1979 ASSESSMENTS

1979 ORDER APPOINTING COMMISSIONER

WATER DELIVERY SCHEDULE

VERNAL UNIT - CENTRAL UTAH PROJECT

SUMMARY OF 1979 DISTRIBUTION OF ASHLEY CREEK

DAILEY DISTRIBUTION RECORDS ( MAY THROUGH OCTOBER 1979 )

ACKNOWLEDGEMENTS

The sincere appreciation of the Water Commissioner is expressed to Mr. Dee C. Hansen, State Engineer for the State of Utah, and his fine staff of personal at the State Office, special thanks goes to Mr. Bob Guy, Area Engineer and Stanley Adams for the Uintah Basin Area, for their corporation and assistances in distribution and interpretation of the water rights involved in the Ashley Creek Distribution System.

Thanks is also made to the Executive Committee, composed of representatives from the various companies involved. Mr. Archie Dee Jenkins, representing the Ashley Upper Irrigation Company and the Ashley Valley Reservoir Company, Mr. Colton McKeachnie, representing the Highline Canal Company and the Central Office, Mr. Charles Morrison, representing the Rock Point Canal Company, Mr. Boyd Workman, representing the Island Ditch Company, Mr. Morgan Hall, representing the Dry Fork Irrigation Company, the Upper Creek Users, the Mosby Users, Mr. Ralph Walker, representing the Ashley Central Canal Company, and Mr. Joe Dodds, representing the Dodds Ditch.

Mr. Glen Anderson, and his fine staff in the Vernal U. S. G. S. Office, Mr. L. Y. Siddoway, and staff at the Uintah Water Conservancy District Office, Mr. Bryant Brady, of the Soil Conservation Service, Mr. Steve Cox, of the Utah State University Extension Service, and all others who helped in any way, the Commissioner expresses his appreciation.

\*\*\*\*\*

ASHLEY CREEK DISTRIBUTION SYSTEM

61 East Main

Vernal, Utah 84078

LETTER OF TRANSMITTAL

Hon. J. Robert Bullock  
Fourth Judicial District  
Uintah County Court House  
Vernal, Utah 84078

Dear Sir:

In Accordance with the authority granted by the ORDER APPOINTING COMMISSIONER, dated May 30, 1979 and filed as part of Civil No. 18, now Civil No. 3197, in the Uintah County Court House at Vernal, Utah, I, submit herewith the report on the Distribution of the waters of Ashley Creek Distribution System for the year of 1979.

Respectfully Yours,

DAVID R. RASMUSSEN  
Water Commissioner

NOTICE OF ASHLEY CREEK DISTRIBUTION SYSTEM 1979 ASSESSMENTS

At the annual meeting of Ashley Creek Distribution System, the following budget and assessment distribution was approved. Your share will be listed in the lower section by individual of company. These amounts are due and payable at the systme office, located at 61 East Main, Vernal, Utah 84078 by mail or in person. Amounts set opposite each amount should be paid by June 1, 1979.

BUDGET:

Commissioners Salary	7200.00
Matching Social Security	425.00
Mileage and Auto Allowance	3000.00
Commissioner Report	400.00
Bonds and Insurance Premium	50.00
System Equipment	200.00
Office Rent	300.00
Deputy Commissioner's Salary	500.00
Miscellaneous Reserve	425.00
	<hr/>
	12,500.00

1979 ASSESSMENT BREAKDOWN BY COMPANY OR INDIVIDUAL:

<u>PRIMARY USERS:</u>		
1.	Ashley Upper Irrigation Company	.327 2248.12
2.	Colton Ditch	.036 247.50
3.	Steinaker Ditch	.020 137.50
4.	Ashley Central Irrigation Company	.325 2303.13
5.	Island Ditch Company	.074 503.75
6.	Dodds Ditch Company	.010 68.75
7.	Rock Point Canal Company	.198 1361.25
 <u>ALL OTHER:</u>		
1.	Ashley Valley Reservoir	20% 2500.00
2.	Uintah Water Conservancy District	15% 1875.00
 <u>INDIVIDUAL USERS:</u>		
A.	Highline Canal Company	.25 312.50
B.	Dry Fork Irrigation Company	.10 125.00
C.	J. N. Merkley	.05 62.50
D.	Mosby Irrigation Company	.25 312.50
E.	Pitt Ditch Company	.05 62.50
F.	Dwayne T. Johnson	.05 62.50
G.	Morgan Merkley	.05 62.50
H.	William L. Hullinger	.05 62.50
I.	Rex Gardiner	.05 62.50
J.	Henry Peltier	.05 62.50
K.	Sadie A. McConkie	.05 62.50

GRAND TOTAL OF ASSESSMENTS FOR 1979:

---

12.5000.00

CULTON & HAMMOND  
Attorneys for Petitioner  
55 East Main Street  
Vernal, Utah 84078  
801-789-1664

IN THE FOURTH JUDICIAL DISTRICT COURT OF THE STATE OF UTAH,  
IN AND FOR UINTAH COUNTY

-----  
EBENEZER G. DEFRIEZ, et al., Plaintiffs, :  
v. :  
ASHLEY CENTRAL IRRIGATION CO., et al., :  
Defendants, :  
and ARSENITH CHADWICK, et al., :  
Intervenors, :  
and :  
ASHLEY VALLEY RESERVOIR CO., UNITED : ORDER APPOINTING  
STATES BUREAU OF RECLAMATION, HIGHLINES : WATER COMMISSIONER  
CANAL CO., DRY FORK IRRIGATION CO., : FOR 1979 - 1980  
JUNIOR MERKLEY, DAVID RASMUSSEN, MOSBY :  
IRRIGATION CO., PITT DITCH CO., DUAYNE :  
T. JOHNSON, MORGAN MERKLEY, WILLIAM H. : Civil No. 3197  
HULLINGER, REX GARDNER, HENRY PELTIER :  
and GLEE C. PELTIER, VIRTUS McCONKIE, :  
SADIE McCONKIE, ARUS CALDWELL and :  
LAWRENCE CALDWELL, Defendants. :  
-----

The Petition of Ralph Walker, Chairman of the Ashley Creek Water Users Executive Committee, representing all of the users of the waters of Ashley Creek and its tributaries, came before the Court for hearing the 24th day of April, 1979, for the appointment of a Water Commissioner for the year beginning April 7, 1979, and ending April 6, 1980, and for directions from this Court concerning the distribution of the waters of the Ashley Creek for the entire term. The Court then referred the hearing to the Honorable J. Robert Bullock, to be heard May 15, 1979, on which date the matter was heard by this Court.

And it appearing to the Court that in addition to the Petition recommending the appointment of David Rasmussen, applications had been made by Leo J. Walker and Uel Hunting. Witnesses for the Petitioners then testified as to the qualifications of David Rasmussen, whom they recommended for reappointment as Commissioner. Certain parties then testified concerning their objections. No witness testified for the other applicants. The hearing was closed and the Court took the matter under advisement.

After due consideration of the evidence presented to the Court and it appearing to the Court:

1. That all the users of the water of Ashley Creek and its

tributaries heretofore made parties to this action have been given due notice through their chosen representatives for the time required by the laws of the State of Utah.

2. That this Court has jurisdiction of the distribution of the waters of Ashley Creek and its tributaries, by reason of the Decree entered herein on November 17, 1897, dividing the waters of Ashley Creek and setting forth the respective rights of the parties to said action in and to the waters of Ashley Creek and its tributaries, which Decree has been amended to include water rights claimed by other persons since the date of said Decree.

3. That since the date of said Decree, as amended, the rights of the respective parties to the said suit have been administered under the direction of this Court, through the Water Commissioner, appointed annually by this Court as provided in the said Decree; that the said Decree provides that a Water Commissioner be appointed annually by this District Court each year at the request of one or more of the parties to said action; that the said Commissioner should be authorized, empowered and directed to make divisions of all waters of Ashley Creek where the same are taken from the natural channel thereof; and that under his direction there be constructed all dams, weirs and other necessary measurement devices for the proper and correct division of the waters of Ashley Creek.

4. That since the date of said Decree, several persons, not parties to the original action, have acquired, developed or claim the right to use some of the waters of Ashley Creek and its tributaries, which parties, have been, by order of this Court, made parties to this action by an order dated May 15, 1962.

5. That the various parties and water users have, by agreement, organized an Executive Committee wherein all parties are represented and authorized to conduct the joint business of the water users of Ashley Creek.

6. That the persons or corporations having a right to use the waters of Ashley Creek are entitled to vote at such meetings pertaining to the business of those owning water rights in Ashley Creek in proportion to the right of such person or corporation.

1. That on the 5th day of April, 1979, at a meeting called for all of the users of the waters of Ashley Creek or their representatives to which meeting all users were given notice and invited to attend, the Chairman of the said Committee was authorized, by unanimous vote of all those present, to file a petition on behalf of the persons or corporations owing rights to the use of the waters of Ashley Creek requesting this Court to reappoint David Rasmussen as Water Commissioner for the period beginning April 7, 1979 and ending April 6, 1980, and that the said David Rasmussen, by reason of his qualification and experience as Commissioner of the water of Ashley Creek is competent and qualified to act as Water Commissioner.

NOW, THEREFORE, IT IS HEREBY ORDERED, ADJUDGED and DECREED:

1. That David Rasmussen be, and he is hereby appointed Commissioner of the waters of Ashley Creek and its tributaries, which Creek is a tributary of Green River in Uintah County, State of Utah, for a period of one year beginning April 7, 1979 and ending April 6, 1980, or until further order of this Court. He is hereby directed to administer and distribute the waters of Ashley Creek and its tributaries by himself or duly appointed deputies in accordance with the Decrees of this Court and the laws of the State of Utah, which, by reference are made a part hereof, to the parties hereto in accordance with their respective rights, as heretofore established by this Court.

2. That the Commissioner shall confer and counsel with the Chairman of the Executive Committee of the Ashley Creek Water Users, provided, however, said Chairman shall act in an advisory capacity only and that the Commissioner shall be responsible to this Court. That the Commissioner is hereby authorized and directed, when requested by persons or corporations having primary right to use of the waters of Ashley Creek, and agreed to by such persons that he may establish water turns among such persons when in his judgment it will increase the efficiency of water use.

3. That the Commissioner shall name and appoint such deputy or deputies as he may need in the distribution of the waters of Ashley Creek and he is hereby authorized to pay a reasonable salary or wage and automobile

...leage to himself and such persons as he may employ in carrying out the provisions of this Order. He shall notify the respective water users of their proportionate share of the expense of carrying out the terms of this Order, such notice shall direct the various water users to pay such assessments at the office of the Commissioner, the amounts due, on or before July 1, 1979, and the money paid to the Commissioner shall be held by him in a trust fund account and disbursed for purposes of paying expenses involved in carrying out the provisions of this Order.

4. The expenses of carrying out the provisions of this Order, as estimated by the said Commissioner at \$12,500.00, shall be paid by the parties hereto in the following proportions at 61 East Main Street, Vernal, Utah 84078:

(A) Primary Water Users	55%
Primary Water Users to pay the 55% in the following proportions:	
Ashley Upper Irrigation Company	.327
Colton Ditch Company	.036
Steinaker Ditch Company	.02
Ashley Central Irrigation Company	.335
Hardy Ditch Company (out of Ashley Central Irrigation Company)	.074
Island Ditch Company	.074
Dodds Ditch Company	.01
Rock Point Irrigation Company	.198
(B) Ashley Valley Reservoir Company	20%
(C) United States Bureau of Reclamation	15%
(D) All Other Users	10%
All other users to pay the 10% in the following proportions:	
Highline Canal Company	.25
Dry Fork Irrigation Company	.10
Mosby Irrigation Company	.05
Pitt Ditch Company	.25
Duayne T. Johnson	.05
Morgan Merkley	.05
Lester Hullinger	.05
Rex Gardner Estate	.05
Henry Peltier	.05
Sadie McConkie	.05

Provided, further that in the event the said Commissioner shall overestimate the actual expenses incurred during the above period, then the remaining balance shall be carried forward to cover expenses for the next irrigation

season, and that in the event the said Commissioner shall underestimate the actual expenses incurred during the above period, then he shall report the same to this Court and a further assessment will be made to meet the expense incurred.

5. That said Commissioner shall distribute the water of said Ashley Creek at the weirs or points of diversion heretofore constructed by the respective parties and approved by this Court and where the said parties do not have proper weirs and measurement devices, it is hereby ordered that they shall install the same in a manner to be approved by the said Commissioner, which devices shall be mechanical and constructed in a manner that they will shut off the waters of the respective ditches and canals when directed by the Commissioner, and that each user shall, at his own expense, provide a way to and from his diversion so that the Commissioner shall have the most convenient and reasonable access to each diversion and measuring device.

6. That it is further ordered that each party hereto shall, at his or its own expense, install a Parshall Flume or other measuring device at the head of his or its ditch at a place and in a manner to be approved by the Commissioner.

7. That the respective parties hereto are hereby ordered to comply with the schedule of terms and other rules and regulations as they may be given by the said Commissioner and approved by this Court in the use of the waters they are entitled to under the terms of this Decree and the laws of the State of Utah.

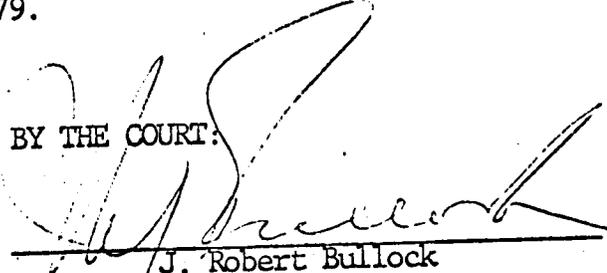
8. The Commissioner and his deputies are hereby ordered and directed that in the event any of the parties hereto fail to comply with this Order, to shut off the water of the said party and report the failure to this Court.

9. That the said Commissioner is hereby directed to file a written report of his actions and activities in the distribution of the waters of Ashley Creek for the 1979-1980 irrigation season, which report shall be filed as soon after January, 1979, as may be practical.

10. It is further provided that in the event any of the parties here-  
to shall disagree with the Chairman of the said water users committee, then he  
is hereby authorized to confer directly with the Commissioner or his deputy  
concerning any distribution problem and in the event the Commissioner or his  
deputy cannot settle such controversy, such person may present his problem to  
the Court for final determination.

DATED this 30th day of May, 1979.

BY THE COURT:



J. Robert Bullock  
District Judge

PROPOSED WATER DELIVERY SCHEDULE FOR ASHLEY CREEK AND TRIBUTARIES

It is proposed to divide the water of Ashley Creek and Dry Fork in accordance with the decreed water rights as closely as can be followed. However until these rights have been established on a more firm basis, the distribution as set out in the past will be followed during the coming irrigation season.

THIS SCHEDULE IS AS FOLLOWS:

1. Firm flow will be distributed pro-rated on the following schedule:

A.	Water Users of Canal Company	% of flow
	1. Ashley Upper Irrigation Company	36.3
	2. Steinaker Ditch	2.0
	3. Ashley Central Irrigation Company	33.5
	4. Island Ditch Company	7.4
	5. Dodds Ditch Company	1.0
	6. Rock Point Canal Company	<u>19.8</u>
		100.00

*36.3  
32.7  
3.6 Alter*

11. Transmountain Diversion, Applications, of Certificates will have water delivered in accordance with priority.

A. Ashley Valley Reservior Company water is to be delivered from Brush Creek Drainage through a transmountain diversion with 10% being assessed as transmission charges.

B. Highlin Canal Comapny water to be delivered in accordance with their application.

C. U. S. Bureau of Reclamation water to be delivered through the Thorberg diversion as per allication.

D. All private diversions in accordance with their applications rights.

111. Dry Fork right will be delivered in accordance with the Dry Fork Decree with no release of low flow to the primary water rights of Ashley Creek and all Applications and certificates will be delivered in accordance with their priority.

IV. This schedule is to be applied as proposed until a more equitable schedule of all rights may be developed. Changes in this schedule will be made as additional information becomes available.

Vernal Unit - Central Utah Project

The past year has been a continuation of the drought cycle that carried through 1976, 1977, and 1978. April through July forecasts in 1978 projected near-normal yields in streams on the South Slope of the Uinta Mountains. These forecasts were overly optimistic; at a time when Ashley Creek should have been flowing sufficient water to meet the maximum requirement of the primary water right holders and fill the Steinaker Feeder Canal, Ashley Creek flow was reduced to mid-summer amounts.

On November 1, 1978 the Steinaker Reservoir had usable capacity of 7,126 acre-feet. The canal companies did not start to use irrigation water until about May 1 and at that time Steinaker Reservoir had usable capacity of 15,395 acre-feet. Water was diverted to the Reservoir in varying daily amounts until June 13 and at that time the useable storage was 26,394 acre-feet.

Deliveries to the irrigation companies under the contracts started on June 20, 1979. During normal years, deliveries would start after the first of July.

The Board of Directors of the Conservancy District set the irrigation water allotment at 1 acre foot per share, measured at the Parshall Flume at the head of the Steinaker Service Canal, with a 10% service canal loss to be deducted from the 1 acre foot. During the 1979 irrigation season the following water amounts were delivered:

Highline Canal	1,660.0 acre-feet
Ashley Upper Irrigation Company	8,951.1 acre-feet
Colton Ditch	164.0 acre-feet
Rock Point Canal	617.0 acre-feet
Island Ditch	365.2 acre-feet
Ashley Central Canal	5,228.5 acre-feet
Hardy Ditch	50.0 acre-feet
	<hr/>
TOTAL	17,035.8 acre-feet

Under the terms of the contracts with the irrigation companies, they can carry over project water for delivery in the following year until May 15. In 1979, 864.2 acre-feet of water was carried over for use in 1980. Most of this allotment is in the Ashley Central Canal Company where 621.5 acre-feet is available for use until the May 15 time elapses.

Problems with delivery of water through the Service Canal were eliminated in 1979. During 1977 and 1978 grass growth spread along the bottom and sides of the Service Canal. This problem of restricted flow of water raised the operating level of the canal above normal operating levels. Through the lower part of the Service Canal, deliveries were restricted. This problem was reviewed with the Bureau of Reclamation O. & M. personnel and they recommended the use of Dowpon M. This chemical had been cleared for use by the EPA on all government projects. About eight miles of the Service Canal was sprayed and the results were remarkable; the canal operated through the season without problems. The District will continue the use of this chemical on portions of the canal right-of-way in 1980.

Inspection of the project facilities by the Water and Power Resources Service was made in November. It appears that the operation and maintenance work done by the District is again satisfactory, however, the report of the inspection will not be available for some time.

All yearly reports have been completed by the District in compliance with the Vernal Unit Repayment Contract. These include: crop, weed, excess lands, projected chemical use in 1980, water supply, and several others.

## SUMMARY OF DISTRIBUTION ON ASHLEY CREEK FOR 1979

By - Dave Rasmussen- Commissioner

Despite apparent heavy snowfall during the winter, the water supply was below normal and resulted in a continuation of the drought cycle, experienced during 1976, 1977 and 1978.

Ashley Creek flows were stored during April 1979. First deliveries were made May 1, 1979 to the Upper Canal, Dodds Ditch, and Island Ditch. Total flow for irrigation was 29.0 cfs and 8 cfs for culinary use for a creek total of 37 cfs on May 1. By May 31, 1979, the creek had reached a flow of 595.0 cfs. The high flow peaked on May 29, 1979, when a total flow of 1,106.0 cfs was recorded. Total for May 1979 was 23.764 A.F. compared to 14,634 in 1978.

By June 1, 1979, the total flow had dropped to 544 cfs and continually dropped during the month to a low flow of 142.0 cfs on June 30, 1979. Total for the month was 18,616 A.F. compared to 28,460 in 1978.

July 1979 yielded a total of 8,420 A.F. of this 1972 A.F. came from Ashley Valley Reservoir system. Total yield for 1978 was 8,895.6 A.F.

By August 1, 1979, total flow of Ashley Creek had dropped to 59 cfs natural flow and 29 cfs from Ashley Valley Reservoir Company. Total for August was 4,228 A.F. of which 860 A.F. came from Ashley Valley Reservoir. Total for 1978 was 5,698 A.F.

September 1979 yielded a total of 3,050 A.F. compared to 2,305 in 1978.

October 1979, totaled 2,340 A.F. compared to 1,588 during 1978.

The Vernal Unit of the Central Utah Project (Steinaker Reservoir) stored 11,000 A.F. between May 1, 1979 and June 13, 1979. On June 13, 1979, total useable capacity in the Reservoir was 26,394 A.F. During the season a total of 17,035.8 A.F. were delivered to the Canal Companies. A total of 864.2 A.F. were carried over for use in 1980. Useable capacity on March 1, 1980, was 15,200 A.F. compared to 12,300 in 1978.

Dryfork and Mosby Users diverted water up to the limits of their rights when the water was available, but also suffered from shortages. Three trips were made to Blanchett Park during the season to check the diversion to Mosby Canal. On July 4, 1979, the canal was shut down for repairs and all the water, 18 cfs, was going down Dry Fork. On other occasions the diversion was checked, the water supply at Blanchett Park was below the agreed amount that Mosby could divert under the agreement.

All the irrigation companies have requested the S.C.S. to continue planning the canal consolidation program along with lateral improvements, with the advent of the Salmity Control grants from the government, this project may be within the reach of water users in Ashley Valley and should contribute significantly to the overall water supply and management program in the Valley.

Out look for 1980 appears to be very good at this time. As of March 1, 1980, S. C. S. forecast of water supply places Ashley Creek for a total of 63,000 A.F. for April through July. This represents 124% of average for long term and 181% of the flow for 1978.

+++++

FOR THE MONTH OF MAY 1979

DAILEY DISTRIBUTION OF WATER ABOVE STEINAKER SERVICE CANAL - ASHLEY CREEK DISTRIBUTION SYSTEM

Date	Vernal Steain Ditch	Highline Canal	Alta Ditch	Upper Canal	Colton Ditch	Rock P. Canal	Dodds Ditch	Island Ditch	Central Canal	Hardy Ditch	Feeder	Spill	Total	Date	
	PRI	"S" PRI	AVR	PRI	AVR	PRI	AVR	PRI	AVR	PRI					
1	8.0			27.0				1.0	1.0				37.0	1	
2	8.0			27.0				1.0	1.0				37.0	2	
3	8.0			27.0				1.0	4.0				40.0	3	
4	8.0			25.0				1.0	4.0				38.0	4	
5	8.0			22.5	2.5			1.0	4.0		14.0		76.0	6	
6	8.0			46.5	2.5			1.0	4.0		16.0		87.0	7	
7	8.0			55.5	2.5			1.0	4.0		22.0		88.0	8	
8	8.0			50.0	3.0			1.0	4.0		40.0		91.0	9	
9	8.0			35.0	3.0			1.0	4.0		29.0		79.0	10	
10	8.0			34.0	3.0			1.0	4.0		19.0		77.0	11	
11	8.0			41.0	4.0			1.0	4.0				68.0	12	
12	8.0			50.0	5.0			1.0	4.0				63.0	13	
13	8.0			36.0	4.0	10.0		1.0	4.0		5.0		77.0	14	
14	8.0			45.0	4.0	10.0		1.0	4.0		5.0		99.0	15	
15	8.0	2.0	1.0	63.0	5.0	10.0		1.0	4.0		77.0		194.0	16	
16	8.0	2.0		72.0	5.0	25.0		1.0	4.0		150.0		279.0	17	
17	8.0	2.0	1.0	90.0	5.0	15.0		2.0	6.0		25.0		426.0	18	
18	8.0	2.0		100.0	5.0	21.0		2.0	8.0	30.0	300.0		546.0	19	
19	8.0	2.0		127.0	8.0	21.0		2.0	8.0	30.0	300.0	Small Amount	611.0	20	
20	8.0	2.0		140.0	8.0	32.0		3.0	13.0	28.0	300.0	Small Amount	672.0	21	
21	8.0	2.0		145.0	10.0	35.0		4.0	18.0	60.0	300.0	Small Amount	748.0	22	
22	10.0	2.0		143.0	12.0	47.0		4.0	16.0	74.0	325.0		846.0	23	
23	10.0	10.0		143.0	12.0	43.0		4.0	16.0	80.0	350.0	50.0 Appox.	768.0	24	
24	10.0	10.0		178.0	12.0	42.0		4.0	16.0	80.0	275.0	Some	789.0	25	
25	10.0	8.0		176.0	12.0	42.0		4.0	16.0	80.0	300.0	Some	811.0	26	
26	10.0	8.0		198.0	12.0	42.0		4.0	16.0	80.0	300.0	Some	855.0	27	
27	10.0	3.0		202.0	12.0	42.0		4.0	16.0	100.0	325.0	Some	911.0	28	
28	10.0	9.0		202.0	12.0	42.0		4.0	16.0	100.0	325.0	50.0 Appox.	1,106.0	29	
29	10.0	9.0		202.0	12.0	42.0		4.0	16.0	120.0	350.0	200.0 Appox.	730.0	30	
30	10.0	5.0		178.0	12.0	48.0		4.0	12.0	128.0	221.0		595.0	31	
31	10.0	5.0		168.0	12.0	45.0		4.0	12.0	128.0	114.0				
CFS	268.0	83.0	1,496.0	2.0	3,048.5	199.5	614.0	69.0	260.0	1,118.0	12.0	4,412.0	300.0	11,882.0	Total CFS
AFS	536.0	166.0	2,992.0	4.0	6,097.0	399.0	1,228.0	138.0	520.0	2,236.0	24.0	8,824.0	600.0	23,764.0	Total AFS

FOR THE MONTH OF JUNE 1979

DIALEY DISTRIBUTION OF WATER ABOVE STEINAKER SERVICE CANAL - ASHLEY CREEK DISTRIBUTION SYSTEM

Date	Vernal Steain.	Highline	Alta	Upper	Colton	Rock P.	Dodds	Island	Central	Hardy	Feeder Spill	Total	Date			
City	Ditch	Canal	Ditch	Canal	Ditch	Canal	Ditch	Ditch	Canal	Ditch						
	PRI	"S" PRI	PRI	"S" PRI	AVR	PRI	AVR	PRI	AVR	PRI	AVR	PRI				
1	12.0	5.0	44.0	36.0	165.0	10.0	10.0	4.0	4.0	13.0	13.0	118.0	2.0	90.0	544.0	1
2	12.0	5.0		30.0	172.0	10.0	10.0	4.0	4.0	13.0	13.0	128.0	2.0	20.0	441.0	2
3	12.0	5.0		30.0	154.0	10.0	10.0	4.0	4.0	13.0	13.0	128.0	2.0	60.0	463.0	3
4	12.0	6.0		30.0	154.0	10.0	10.0	4.0	4.0	13.0	13.0	118.0	2.0	100.0	494.0	4
5	12.0	8.0		30.0	158.0	10.0	10.0	4.0	4.0	13.0	13.0	108.0	2.0	159.0	549.0	5
6	12.0	8.0	50.0	30.0	170.0	10.0	10.0	4.0	4.0	13.0	13.0	108.0	2.0	135.0	577.0	6
7	12.0	8.0	35.0	30.0	172.0	10.0	10.0	4.0	4.0	13.0	13.0	108.0	2.0	105.0	534.0	7
8	12.0	6.0		30.0	134.0	1.0	1.0	4.0	4.0	12.0	12.0	100.0	2.0	70.0	434.0	8
9	12.0	6.0		30.0	134.0	1.0	1.0	4.0	4.0	6.0	6.0	99.0	2.0	35.0	388.0	9
10	12.0	6.0		30.0	119.0	1.0	1.0	4.0	4.0	6.0	6.0	108.0	2.0	17.0	355.0	10
11	12.0	6.0		15.0	100.0	1.0	1.0	4.0	4.0	6.0	6.0	108.0	2.0	20.0	304.0	11
12	12.0	6.0		15.0	103.0	5.0	5.0	3.0	3.0	12.0	12.0	108.0	2.0	45.0	331.0	12
13	12.0	6.0		15.0	105.0	5.0	5.0	4.0	4.0	13.0	13.0	106.0	2.0	25.0	363.0	13
14	12.0	6.0		15.0	105.0	5.0	5.0	3.0	3.0	13.0	13.0	106.0	2.0	22.0	359.0	14
15	12.0	5.0		15.0	90.0	10.0	10.0	3.0	3.0	13.0	13.0	104.0	2.0		324.0	15
16	12.0	5.0		15.0	86.0	9.0	9.0	3.0	3.0	12.0	12.0	83.0	2.0		297.0	16
17	12.0	5.0		15.0	90.0	10.0	10.0	3.0	3.0	12.0	12.0	64.0	2.0		273.0	17
18	12.0	5.0		15.0	81.0	9.0	9.0	3.0	3.0	12.0	12.0	64.0	2.0		258.0	18
19	12.0	5.0		20.0	79.0	9.0	9.0	2.5	2.5	12.0	12.0	48.0	1.5		223.0	19
20	12.0	5.0	14.0	10.0	81.0	9.0	9.0	2.5	2.5	12.0	12.0	40.0	1.0		216.0	20
21	12.0	4.0	10.0	8.0	80.0	8.0	8.0	2.0	2.0	10.0	10.0	28.0	1.0		193.0	21
22	12.0	4.0	10.0	8.0	86.0	9.0	9.0	1.5	1.5	6.5	6.5	32.0	1.0		183.0	22
23	12.0	4.0	10.0	8.0	86.0	9.0	9.0	1.5	1.5	6.5	6.5	14.0	1.0		167.0	23
24	12.0	3.0	10.0	12.0	81.0	9.0	9.0	1.5	1.5	6.5	6.5	17.0	1.0		163.0	24
25	12.0	3.0	10.0	12.0	84.0	9.0	9.0	1.5	1.5	6.5	6.5	17.0	1.0		166.0	25
26	12.0	3.0	10.0	8.0	83.0	5.0	6.0	1.5	1.5	5.0	5.0	9.0	1.0		143.5	26
27	12.0	3.0	8.0	10.0	73.2	4.8	10.0	1.5	1.5	6.5	6.5	11.0	1.0		141.0	27
28	12.0	3.0	8.0	10.0	70.5	4.5	5.0	1.5	1.5	6.5	6.5	17.0	1.0		139.0	28
29	12.0	3.0	2.0	10.0	70.5	4.5	5.0	1.5	1.5	7.5	7.5	16.0	1.0		143.0	29
30	12.0	3.0	2.0	10.0	69.5	4.5	6.0	1.5	1.5	7.5	7.5	15.0	1.0		142.0	30
CFS	360.0	150.0	223.0	469.0	488.0	3,235.7	212.3	701.0	86.5	301.0	2,130.0	48.5	903.0	9,308.0	Total CFS	

AFS	720.0	300.0	446.0	938.0	967.0	6,471.4	424.6	1,402.0	173.0	602.0	4,260.0	97.0	1,806.0	18,616.0	Total AFS
-----	-------	-------	-------	-------	-------	---------	-------	---------	-------	-------	---------	------	---------	----------	-----------

DAILEY DISTRIBUTION OF WATER ABOVE STEINAKER SERVICE CANAL - ASHLEY CREEK DISTRIBUTION SYSTEM

Date	Vernal Steain. City Ditch	Highline Canal	Alta Ditch	Upper Canal	Colton Rock P. Ditch	Island Ditch	Central Canal	Pitt Ditch	Hardy Feed Ditch	Spill	Total	
PRI	PRI	PRI	PRI	PRI	PRI	PRI	PRI	PRI	PRI	PRI	PRI	
AVR	AVR	AVR	AVR	AVR	AVR	AVR	AVR	AVR	AVR	AVR	AVR	
1	12.0	3.0	2.0 LP*	10.0	68.0	4.0	6.0	1.5	7.5	14.0	1.0	139.0
2	12.0	3.0	2.0 LP*	34.0	65.0	5.0	2.0	1.5	6.5	9.0	1.0	151.0
3	12.0	3.0	2.0 LP*	33.0	54.0	4.0	2.0	1.5	5.5	8.0	1.0	136.0
4	12.0	3.0	2.0 LP*	31.0	49.0	4.0	2.0	1.0	5.0	6.0	1.0	126.0
5	12.0	3.0	2.0 LP*	30.0	46.0	4.0	1.5	1.0	4.0	6.5	1.0	111.0
6	12.0	2.0	2.0 LP*	30.0	38.0	4.0	1.5	1.0	5.5	9.0	1.0	136.0
7	12.0	2.0	2.0 LP*	30.0	33.0	4.0	1.5	1.0	4.5	8.0	1.0	129.0
8	12.0	2.0	2.0 LP*	30.0	32.0	4.0	1.5	1.0	4.5	7.0	1.0	127.0
9	12.0	2.0	(*LP)	30.0	26.0	4.0	1.5	1.0	4.4	7.0	1.0	119.0
10	12.0	2.0	Lidy	30.0	22.0	3.0	2.0	1.0	6.0	10.0	1.0	145.0
11	12.0	2.0	Peak	30.0	22.0	3.0	6.0	1.0	6.0	6.0	2.0	151.0
12	12.0	2.0	4.0	30.0	45.0	3.0	4.0	1.0	4.0	7.0	2.0	141.0
13	12.0	2.0	4.0	30.0	45.0	3.0	4.0	1.0	4.0	7.0 (July 11th	1.0	144.0
14	12.0	2.0	2.0	30.0	55.0	3.0	1.5	2.0	1.0	3.5	6.0	143.0
15	12.0	2.0	2.0	30.0	55.0	3.0	1.5	2.0	1.0	3.5	6.0	143.0
16	12.0	2.0	4.0	30.0	53.0	3.0	1.5	2.0	1.0	3.5	6.0	145.0
17	12.0	2.0	4.0	26.0	50.0	3.0	2.0	2.0	1.0	4.0	5.0	142.0
18	12.0	1.0	4.0	20.0	41.0	3.0	2.0	2.0	1.0	4.0	6.0	130.0
19	12.0	1.0	4.0	24.0	40.0	3.0	2.0	2.0	1.0	4.0	6.0	154.0
20	12.0	1.0	4.0	24.0	40.0	3.0	2.0	2.0	1.0	4.0	6.0	156.0
21	12.0	1.0	4.0	24.0	38.0	3.0	2.0	2.0	1.0	4.0	6.0	157.0
22	12.0	1.0	4.0	24.0	38.0	3.0	2.0	2.0	1.0	4.0	6.0	157.0
23	12.0	1.0	4.0	24.0	35.0	3.0	2.0	2.0	1.0	4.0	6.0	154.0
24	12.0	1.0	4.0	24.0	35.0	3.0	2.0	2.0	1.0	4.0	6.0	154.0
25	12.0	1.0	4.0	22.0	33.0	3.0	1.0	2.0	1.0	4.0	3.0	137.0
26	12.0	1.0	4.0	22.0	30.0	3.0	2.0	2.0	1.0	2.0	2.0	133.0
27	12.0	1.0	4.0	22.0	26.0	3.0	2.4	2.0	.6	2.0	2.0	127.0
28	12.0	1.0	4.0	21.0	26.0	3.0	2.0	2.0	.6	1.4	2.0	116.0
29	12.0	1.0	4.0	21.0	26.0	3.0	1.5	2.0	.5	3.0	3.0	105.0
30	12.0	1.0	4.0	4.0	26.0	3.0	2.0	2.0	.5	1.5	2.0	104.0
31	12.0	1.0	4.0	4.0	26.0	3.0	2.0	2.0	.5	3.5	4.0	98.0

CFS 372.0 48.0 56.0 16.0 494.0 280.0 300.0 153.0 1,218.0 507.0 103.0 68.9 36.0 29.2 124.4 8.0 188.5 4.0 75.0 34.0 95.0 4,210.0 Total

AF. 744.0 96.0 112.0 32.0 988.0 560.0 600.00 306.0 2,436.0 1,014.0 206 137.8 72.0 58.4 248.8 16.0 377.0 8.0 150.0 68.0 190.0 8,420.0 Total

DAILEY DISTRIBUTION OF WATER ABOVE STEINAKEER SERVICE CANAL - ASHLEY CREEK DISTRIBUTION FOR THE MONTH OF AUGUST 1979

Date	Vernal City	Stein. Highline Ditch	Highline Canal	Alta Ditch	Upper Canal	Colton Ditch	Rock P. Canal	Dodds Ditch	Island Ditch	Central Canal	Hardy Ditch	Feeder Spill	Total	Date			
Pri	AVR	Pri	"S" AVR	Pri	"S" AVR	Pri	AVR	Pri	AVR	Pri	"S" AVR	Pri	AVR	Pri			
1	12.0	8.0	4.0	10.0	6.0	24.0	13.0	3.0	2.0	2.0	.5	3.5	4.0	2.0	2.0	88.0	1
2	12.0	8.0		10.0		28.0	19.0	3.0	2.0	2.0	.5	3.5	4.0	3.0	2.0	90.0	2
3	12.0	8.0		2.0		35.0	12.0	3.0	4.0	7.0	1.0	3.0	5.0	4.0	1.0	92.0	3
4	12.0	8.0		2.0		34.0	12.0	3.0	4.0	7.0	1.0	3.0	8.0	4.0	1.0	94.0	4
5	12.0	8.0		2.0		30.0	12.0	3.0	2.0	5.0	1.0	3.0	8.0	4.0	1.0	85.0	5
6	12.0	8.0		2.0		35.0	12.0	3.0	1.0	5.0	.5	2.5	4.0	4.0	1.0	84.0	6
7	12.0	8.0		2.0		30.0	12.0	3.0	1.0	4.0	.5	2.5	4.0	2.0	1.0	76.0	7
8	12.0	8.0		2.0		30.0	7.0	3.0	1.0	3.0	.5	3.5	6.0	1.0	1.0	69.0	8
9	12.0	8.0		2.0		30.0	7.0	3.0	1.0	2.0	.5	3.5	6.0	1.0		68.0	9
10	12.0	8.0		2.0		30.0	7.0	3.0	1.0	2.0	.5	3.5	6.0	1.0		68.0	10
11	12.0	8.0		2.0		30.0	7.0	3.0	1.0	2.0	.5	3.5	6.0	1.0		68.0	11
12	12.0	8.0		2.0		30.0	7.0	3.0	1.0	2.0	.5	3.5	6.0	1.0		68.0	12
13	12.0	8.0		2.0		35.0	7.0	3.0	2.0	2.0	.5	3.5	9.0	1.0	*Rained	77.0	13
14	12.0	8.0		14.0		28.0	7.0	3.0	2.0	2.0	.5	3.5	7.0	1.0		80.0	14
15	12.0	8.0		14.0		19.0	7.0	3.0	1.0	2.0	.5	3.5	4.0	1.0		67.0	15
16	12.0	8.0		20.0		16.0	9.0		2.0		.5	3.5	9.0	1.0		73.0	16
17	12.0	8.0		20.0		16.0	9.0		2.0		.5	3.5	9.0	1.0		73.0	17
18	12.0	8.0		20.0		16.0	9.0				.5	4.5	12.0	1.0		75.0	18
19	12.0	8.0		27.0		18.0	9.0	3.0			.7	5.3	11.0	1.0		87.0	19
20	12.0	8.0		22.0		8.0	9.0	3.0	10.0		.7	5.3	11.0	1.0		82.0	20
21	12.0			20.0		15.0		3.0	8.0		.5	4.5	8.0	1.0	*Rained	72.0	21
22	12.0			18.0		13.0		3.0	4.5		.5	3.0	8.0	1.0		63.0	22
23	12.0			18.0		13.0		3.0	4.5		.5	3.0	8.0	1.0		63.0	23
24	12.0			9.0		15.0		3.0	4.5		.5	3.0	7.0	1.0		55.0	24
25	12.0			9.0		12.0		3.0	4.0		.5	2.5	8.0	1.0		52.0	25
26	12.0			9.0		10.0		3.0	4.0		.5	2.5	7.0	1.0		49.0	26
27	12.0			9.0		10.0		3.0	4.0		.5	2.5	7.0	1.0		49.0	27
28	12.0			9.0		10.0		3.0	4.0		.5	2.5	7.0	1.0		49.0	28
29	12.0			5.0		15.0		3.0	3.5		.5	3.0	6.0	1.0		49.0	29
30	12.0			5.0		15.0		3.0	3.5		.5	3.0	6.0	1.0		49.0	30

CFS 360.0 (160.0) 4.0 290.0 6.0 650.0 193.0 81.0 84.5 50.0 16.9 100.6 12.0 211.0 23.0 32.0 2,114.0 Total CFS

AF. 720.0 (620.0) 8.0 580.0 12.0 1300.0 386.0 162.0 169.0 100.0 33.8 201.2 24.0 422.0 46.0 64.0 4,228.0 Total AF.

DAILEY DISTRIBUTION OF WATER ABOVE STEINAKER SERVICE CANAL - ASHLEY CREEK DISTRIBUTION SYSTEM FOR THE MONTH OF SEPTEMBER 1979

Date	Vernal Stein City	Highline Canal	Alta Ditch	Upper Canal	Colton Ditch	Rock P. Canal	Dodds Ditch	Island Ditch	Central Canal	Hardy Feeder Ditch	Spill	Total
PRI	PRI	PRI	PRI	PRI	PRI	PRI	PRI	PRI	PRI	PRI	PRI	
1	10.0	5.0	13.0	5.0	3.0	2.0	.5	2.0	5.0	.5		46.0
2	10.0	5.0	14.0	5.0	3.0	2.0	.5	2.0	6.0	.5		48.0
3	10.0	5.0	12.0	5.0	3.0	2.0	.5	2.0	6.0	.5		46.0
4	10.0	5.0	11.0	5.0	3.0	2.0	.5	2.0	5.0	.5		44.0
5	10.0	5.0	11.0	6.0	3.0	2.0	.5	2.5	5.0	1.0		48.0
6	10.0	5.0	11.0	10.0	3.0	2.0	.5	3.0	3.0	.5		53.0
7	10.0	5.0	10.0	12.0	3.0	2.0	.5	3.0	3.0	.5		56.0
8	10.0	5.0	10.0	12.0	3.0	2.0	.5	3.0	3.0	.5		56.0
9	10.0	5.0	10.0	12.0	3.0	2.0	.5	3.0	3.0	.5		56.0
10	10.0	5.0	10.0	12.0	3.0	2.0	.5	3.0	3.0	.5		56.0
11	10.0	6.0	8.0	12.0	3.0	2.5	.5	2.0	2.0	1.0		56.0
12	10.0	6.0	8.0	12.0	3.0	2.5	.5	2.0	2.0	1.0		56.0
13	10.0	6.0	8.0	12.0	3.0	2.5	.5	2.0	2.0	1.0		56.0
14	10.0	6.0	8.0	12.0	3.0	2.5	.5	2.0	2.0	1.0		56.0
15	10.0	6.0	8.0	12.0	3.0	2.5	.5	2.0	2.0	1.0		56.0
16	10.0	6.0	8.0	12.0	3.0	2.5	.5	2.0	2.0	1.0		56.0
17	10.0	6.0	7.0	10.0	3.0	2.5	.5	2.0	2.0	1.0		50.0
18	10.0	6.0	7.0	10.0	3.0	2.5	.5	2.0	2.0	1.0		50.0
19	10.0	6.0	7.0	10.0	3.0	2.5	.5	2.0	2.0	1.0		50.0
20	10.0	6.0	7.0	10.0	3.0	2.5	.5	2.0	2.0	1.0		50.0
21	10.0	3.0	3.0	6.0	7.0	3.0	.5	2.0	1.0	1.0		48.0
22	10.0	3.0	3.0	6.0	7.0	3.0	.5	2.0	1.0	1.0		48.0
23	10.0	3.0	3.0	6.0	7.0	3.0	.5	2.0	1.0	1.0		48.0
24	10.0	3.0	3.0	6.0	7.0	3.0	.5	2.0	1.0	1.0		48.0
25	10.0	3.0	3.0	6.0	7.0	3.0	.5	2.0	1.0	1.0		48.0
26	10.0	3.0	3.0	6.0	7.0	3.0	.5	2.0	1.0	1.0		48.0
27	10.0	3.0	3.0	6.0	7.0	3.0	.5	2.0	1.0	1.0		48.0
28	10.0	3.0	3.0	8.0	7.0	1.0	.5	2.0	1.0	1.0		48.0
29	10.0	3.0	3.0	8.0	7.0	1.0	.5	2.0	1.0	1.0		48.0
30	10.0	3.0	3.0	8.0	7.0	1.0	.5	2.0	1.0	1.0		48.0
CFS	300.0	30.0	254.0	266.0	84.0	70.0	15.0	65.5	42.0	82.0	65.0	25.5
AF.	600.0	60.0	508.0	532.0	168.0	140.0	30.0	131.0	84.0	164.0	130.0	51.0
												1,525.0 Total CFS
												3,050.0 Total AF.

DAILY DISTRIBUTION OF WATER ABOVE STEINAKER SERVICE CANAL - ASHLEY CREEK DISTRIBUTION SYSTEM

Date	Vernal Steins. City	Highline Ditch	Alta Ditch	Upper Canal	Colton Ditch	Rock P. Canal	Dodds Ditch	Island Ditch	Central Canal	Hardy Ditch	Feeder	Spill	Total
PRI.	PRI.	AVR	PRI	"S" PRI	AVR	PRI	PRI	AVR	PRI	AVR	PRI	PRI	
1	10.0	3.0	10.0	10.0	1.0	2.5	2.0	2.0	2.0	2.0	2.0	1.0	47.0
2	10.0	3.0	10.0	10.0	1.0	2.5	2.0	2.0	2.0	2.0	2.0	1.0	47.0
3	10.0	3.0	8.0	10.0	1.0	2.5	2.0	2.0	4.0	2.0	2.0	1.0	45.0
4	10.0	3.0	8.0	10.0	1.0	2.5	2.0	2.0	4.0	2.0	2.0	1.0	45.0
5	10.0	3.0	8.0	10.0	1.0	2.5	2.0	2.0	4.0	2.0	2.0	1.0	45.0
6	10.0	1.0	8.0	7.0	1.0	2.5	2.0	2.0	4.0	2.0	2.0	1.0	40.0
7	10.0	1.0	8.0	7.0	1.0	2.5	2.0	2.0	4.0	2.0	2.0	1.0	40.0
8	10.0	1.0	8.0	7.0	1.0	2.5	2.0	2.0	4.0	2.0	2.0	1.0	40.0
9	10.0	1.0	8.0	7.0	1.0	2.5	2.0	2.0	4.0	2.0	2.0	1.0	40.0
10	10.0	1.0	8.0	7.0	1.0	2.5	2.0	2.0	4.0	2.0	2.0	1.0	40.0
11	10.0	1.0	8.0	5.0	1.0	2.5	2.0	2.0	4.0	2.0	2.0	1.0	35.0
12	10.0	1.0	8.0	5.0	1.0	3.0	3.0	2.7	4.5	2.0	2.0	1.0	36.5
13	10.0	.5	8.0	5.0	1.0	3.0	3.0	2.7	4.5	2.0	2.0	1.0	36.5
14	10.0	.5	8.0	5.0	1.0	3.0	3.0	2.7	4.5	2.0	2.0	1.0	36.5
15	10.0	.5	8.0	5.0	1.0	3.0	3.0	2.7	4.5	2.0	2.0	1.0	36.5
16	10.0	.5	8.0	5.0	1.0	3.0	3.0	2.7	4.5	2.0	2.0	1.0	36.5
17	10.0	.5	8.0	5.0	1.0	3.0	3.0	2.7	4.5	2.0	2.0	1.0	36.5
18	10.0	.5	8.0	5.0	1.0	3.0	3.0	2.7	4.5	2.0	2.0	1.0	36.5
19	10.0	.5	8.0	5.0	1.0	3.0	3.0	2.7	4.5	2.0	2.0	1.0	36.5
20	10.0	.5	8.0	5.0	1.0	3.0	3.0	3.7	4.5	2.0	2.0	1.0	34.5
21	8.0	.5	7.0	4.0	1.0	4.0	4.0	3.7	9.0	2.0	2.0	1.0	34.5
22	8.0	.5	7.0	4.0	1.0	4.0	4.0	3.7	9.0	2.0	2.0	1.0	34.5
23	8.0	.5	7.0	4.0	1.0	4.0	4.0	3.7	9.0	2.0	2.0	1.0	34.5
24	8.0	.5	7.0	4.0	1.0	4.0	4.0	3.7	9.0	2.0	2.0	1.0	34.5
25	8.0	.5	7.0	4.0	1.0	4.0	4.0	3.7	9.0	2.0	2.0	1.0	34.5
26	8.0	.5	7.0	4.0	1.0	4.0	4.0	3.7	9.0	2.0	2.0	1.0	34.5
27	8.0	.5	7.0	4.0	1.0	4.0	4.0	3.7	9.0	2.0	2.0	1.0	34.5
28	8.0	.5	7.0	4.0	1.0	4.0	4.0	3.7	9.0	2.0	2.0	1.0	34.5
29	8.0	.5	7.0	4.0	1.0	4.0	4.0	3.7	9.0	2.0	2.0	1.0	34.5
30	8.0	.5	8.0	8.0	1.0	4.0	4.0	3.6	7.0	2.0	2.0	1.0	33.5
31	8.0	.5	8.0	8.0	1.0	4.0	4.0	3.6	7.0	2.0	2.0	1.0	33.5

CFS 288.0	31.5	243.0	95.0	31.0	98.5	20.0	11.7	87.8	10.0	175.5	4.0	31.0	1,170.0 Total CFS
A.F. 576.0	63.0	486.0	190.0	62.0	197.0	40.0	23.4	175.6	20.0	351.0	8.0	62.0	2,340.0 Total AF.