

WATER DISTRIBUTION AND HYDROMETRIC WORK

DISTRICT NO. 01

SNAKE RIVER, IDAHO

1978

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INTRODUCTION

In 1880, when the first water was diverted from the Snake River for the lands now under the Long Island Canal near Menan, it seemed that the Snake River could provide an inexhaustible supply of water for the Snake River Valley.

However, as further development of the Snake River and its tributaries took place it became apparent that the Snake River would not always supply every demand, as was witnessed in 1905 when the Snake River was dry for a distance of ten miles in the vicinity of Blackfoot. As a consequence of this first major shortage, a lawsuit was initiated to adjudicate the water rights on the Snake River above Blackfoot. This culminated in 1910 with what is commonly known as the Rexburg Decree. Three years later the Foster Decree adjudicating the lower valley rights was handed down.

In 1919, a water shortage resulted in serious crop losses from Ashton to King Hill. In an attempt to cope with this drought, a committee of nine men representing the irrigation systems throughout the basin jointly requested the Commissioner of Reclamation to restructure the water district into a more permanent arrangement. As a result of this request and the impending water shortage, the water district office was joined through a cooperative arrangement to a new office of the United States Geological Survey with the engineer in charge also serving as watermaster. The shortage of 1919 also spurred the United States Government to make a filing in 1921 to construct the American Falls Reservoir.

The next major shortages on the Upper Snake occurred between the years of 1929 and 1942. This period of shortage saw the construction of Island Park and Grassy Reservoirs by the Bureau of Reclamation, in addition to the additional space made available in Henrys Lake through work done by the North Fork Reservoir Company. This period also resulted in a filing by the USBR in 1939 for the construction of Palisades Reservoir.

Drought has been one of the big forces that has not only brought about water development on the Snake River system but has had a large influence upon the evolution of state water law and the water district that has been charged with the responsibility of administering Snake River water rights.

The drought of 1977 marked the end of an era in Water District 1. It became apparent that the development of the Upper Snake had reached the point where the past methods of water allocation could no longer assure the delivery of each water user's legal water entitlement. In 1977, the USGS also decided to terminate its fifty-nine year cooperative agreement with Water District 1. The end of the cooperative program between the water district and the USGS also coincided with the retirement of Arthur L. Larson who had served as Snake River watermaster since June of 1969.

In response to a request from the American Falls Reservoir District, Twin Falls Canal Company, and the North Side Canal Company, staff from the Idaho Department of Water Resources with the assistance of the USBR

and Water District 1 personnel commenced an inventory of all headgates and measuring devices within Water District 1. The Director of the IDWR agreed to allocate a portion of available drought relief funds to provide gage houses and stage recorders for a continuous record of the flows diverted by canal companies who normally divert in excess of 100 cfs of water. As a result of the diversion inventory 46 gaging stations constructed to USGS specifications were installed within Water District 1. During the inventory, many headgates and measuring devices were found to be unsatisfactory and most of the owners have made the necessary improvements. Pump diversion inventoried were required to have adequate measuring devices. This diversion inventory also included a review of all water rights associated with each diversion. Many questions have been raised regarding specific water rights which will take additional time and effort to resolve.

During the fall of 1977, the Committee of Nine reviewed the possible methods available to provide continuity in the water district and assure that necessary improvements were effected. In December of 1977, the committee decided to enter into a cooperative agreement with the IDWR through which the regional supervisor of the Eastern Regional Office would act as watermaster.

The IDWR installed computer equipment in the Idaho Falls regional office and the USBR office in Burley which would aid in the computerization of Water District 1 operation. Work started in 1976 by Alan Robertson and Bob Sutter of the IDWR Hydrology Section in Boise to computerize water distribution was stepped up to develop a computer allocation system that would allow water rights in Water District 1 to be delivered by a method that would provide prompt daily information and more accurately follow actual hydraulic conditions on the river. The system became operational on August 1, 1978, although the system was tested during the preceding months.

The program used in 1978 accounted for 296 diversions on the Snake River and tributaries, including Willow and Sand Creeks, which became part of Water District 1 on February 1, 1976. While these diversions normally account for about 95% of the water used in the district, it is anticipated that the total number of diversions may exceed 500 in the coming years as the data for further program development become available.

WATER DISTRICT ANNUAL MEETING

The annual meeting of Water District No. 1 was held on March 6, 1978, in Idaho Falls, Idaho. Ronald D. Carlson was elected watermaster for the ensuing year.

The following were elected as members of the Committee of Nine:

Lester Saunders, chairman; Reed Murdock, secretary;
William Watt, Homer Jones, Reed Oldham, Kenneth Anderson,
Clyde Beck, Leo Robison, and Burdell Curtis.

Alternate: George Stromire.

Advisory members: Wendell Johnson, Merle Kunz, and
Carlos Randolph.

The principal resolutions adopted at the annual meeting were as follows:

1. That the watermaster be requested to make such changes in the established water distribution practices as will result in more accurate deliveries of natural flow and stored water, improved regulation procedures to assure deliveries of all water rights by priority, to improve the availability of water supply and diversion records to the water users, and to assure that all water users are charged for water deliveries on an accurate and equitable basis.
2. Since the Director of the Department of Water Resources is charged by Section 42-602, Idaho Code, with the distribution of all water from streams and rivers in the state and since all watermasters in the state must be appointed and supervised by the Director of Water Resources pursuant to Section 42-608, Idaho Code, it is hereby recommended that the water users of Water District No. 1 enter into a cooperative program with the Idaho Department of Water Resources to provide watermaster services as outlined in a Memorandum of Understanding signed by the Chairman of the Committee of Nine and the Director of the Department of Water Resources on March 5, 1978.
3. We recommend that Ronald D. Carlson be elected watermaster for the ensuing year, including a staff of a deputy, assistant, and a clerk, with an aggregate salary of \$40,953.00. This amount represents 67% of the salary of the watermaster and the salaries of the watermaster and clerk shall be paid from the non-water district funding provided by the Idaho Department of Water Resources.
4. Resolved that the duties of watermaster shall begin on this date and continue for a full period of one year.
5. Proposed budget for Water District No. 1 for the year beginning April 1, 1978:

Hydrographers:

Teton Basin	4 1/2 mos. @ \$750 (+ mileage)	\$ 3,375.	
Idaho Falls Area	4 1/2 mos. @ \$800 (+ mileage)	3,600.	
Lower Valley	4 mos. @ \$800 (+ mileage)	3,200.	
Henrys Fork	5 mos. @ \$825 (+ mileage)	4,125.	
Falls River	150 days @ \$ 35 (incl mileage)	5,250.	
Teton River	130 days @ \$ 35 (incl mileage)	4,550.	\$24,100.

River Riders:

Heise Diversion	100 days @ \$ 20 (incl mileage)	\$ 2,000.	
Rigby Diversion	100 days @ \$ 20 (incl mileage)	2,000.	
Blackfoot Div.	100 days @ \$ 20 (incl mileage)	2,000.	
Swan Valley	100 days @ \$ 20 (incl mileage)	2,000.	
Upper Fall R.	4 days @ \$180 (incl mileage)	720.	
South Leigh Ck.	250 days @ \$ 4 (incl mileage)	1,000.	
Willow Creek	5 mos. @ \$500 (incl mileage)	2,500.	\$12,220.

Miscellaneous:

Transportation - 50,000 @ .20 per mi.	\$10,000.	
Subsistence & travel (watermaster & staff)	1,000.	
Watermaster & staff social security	4,736.	
Insurance (Workmen's Compensation)	1,000.	
Health, life, retirement, etc.	6,293.	
Maintenance & construction	2,000.	
Rent office space	2,500.	
Part-time help	2,000.	
Telephone & telemark	1,200.	
Postage & post office box rent	900.	
Supplies, watermaster's bond, misc.	1,500.	
Printing, binding watermaster report	600.	
Interest on loans	1,500.	
Groundwater investigations	2,250.	
Computer costs	5,667.	43,146.
<u>Watermaster and Staff</u>	<u>40,953.</u>	<u>40,953.</u>
<u>Streamgaging Operations</u>	<u>17,256.</u>	<u>17,256.</u>
<u>Committee of Nine</u>	<u>2,000.</u>	<u>2,000.</u>
GRAND TOTAL		\$139,675.

6. Resolved that the watermaster shall prepare a report in accordance with Idaho Code, Section 42-614, which shall become the official billing to the individual water users, canal companies, and irrigation districts, and is hereby authorized to collect all of the expenses of delivering the waters of the district, including his salary and that of his assistants, and shall make all disbursements necessary to the conduct of the business of administering and delivering the waters of the district.

Resolved that no ditch, canal company, or other water user shall have the right to demand and receive water, and the watermaster shall not deliver to such person until receipt of the amount due and payable from such user.

Resolved that copies of the minutes of the annual meeting, the budget as approved, all resolutions approved, and the report

prepared in accordance with Section 42-614, shall be filed with the county clerks of Bonneville, Madison, Teton and Fremont counties.

7. We recommend that the Committee of Nine be continued with nine regular members, the members representing the Burley and Minidoka Irrigation Districts are to be alternated between the two districts as they may arrange. In addition, advisory members representing the Bureau of Reclamation, Teton Basin, Gooding Canal, and a member from the Burley or Minidoka District, whichever is not desiring to have representatives attend meetings of the Committee of Nine should notify the watermaster, who will then advise them of dates and times of committee meetings so that they may have an opportunity to attend such meetings.
8. Whereas in the operation of Water District No. 1 it is necessary to borrow money at times to meet expenses of operation prior to collection from the canal companies at the close of the irrigation season.

Therefore, be it resolved that the watermaster or his designated representative on the Committee of Nine is hereby authorized to borrow from time to time during the year ending March 31, 1979, such sums as are necessary to pay outstanding bills, signing notes as authorized officer of District No. 1 as security, therefore, the total amount of any such outstanding indebtedness at any time not; however, to exceed \$60,000.00.

9. Whereas the operation of the storage pool committee in past years has proved to be of valuable assistance to the watermaster in providing an orderly distribution of rental water.

Therefore, be it resolved, that a rental pool committee again be appointed by the chairman of Committee of Nine for the following purposes:

- (1) To determine general policy regarding source of rental water;
 - (2) To assist the watermaster in the allocation of rental water;
 - (3) To consult with the watermaster on ways to most fully utilize available storage water.
10. Whereas it is in the best interest of the water users of Water District No. 1 to account for all diversions which might adversely affect any prior natural flow or storage diversions be it resolved that the watermaster shall collect records of water diversions during the entire year.

PERSONNEL

Ronald D. Carlson	Watermaster
Lyle R. Swank	Assistant Watermaster
Colleen Wray	Senior Secretary
Arthur L. Larson	Deputy Watermaster
Dennis M. Dunn	Deputy Watermaster
W. Lee Wright	Deputy Watermaster & Hydrographer, Idaho Falls
J. Dee O'Brien	Deputy Watermaster & Hydrographer, Teton Basin
Harold W. Blauer	Deputy Watermaster & Hydrographer, Lower Valley
Val Richards	Deputy Watermaster & Hydrographer, Henrys Fork
James B. Steele	Deputy Watermaster, Willow Creek
Sam B. Garrett	Hydrographer, Falls River
Gail Blanchard	Hydrographer, Teton River
Wilbur A. Brown	River Rider, Heise Diversion
Russell Taylor	River Rider, Rigby Diversion
Verall Smith	River Rider, Blackfoot Diversion
Howard Hatfield	River Rider, Swan Valley
Walter G. Lenz	River Rider, Upper Falls River
Jeff Randall	Gage Reader, Blackfoot
R. H. Seymour	Gage Reader, Milner

WATER DISTRIBUTION METHODS

Water District No. 1 Boundaries

Water District No. 1 includes all of the Snake River and its tributaries in Idaho above Milner Dam, except the Blackfoot River and other southside tributaries below Blackfoot.

Stored water deliveries to Idaho users from Jackson Lake and Grassy Lake in Wyoming are also managed by District 1 watermaster in his capacity of special storage deputy. Other reservoirs in District 1 are Palisades, Henrys Lake, Island Park, Ririe, American Falls, and Lake Walcott.

Water District No. 1 Responsibilities

The watermaster is elected by the water users at the annual meeting in March pursuant to Section 42-605 of the Idaho Code. The statutes further require that this appointment be certified by the Director of the Department of Water Resources. It is the duty of the watermaster to distribute the natural stream flow to the various users according to their decreed and licensed priorities, and to regulate the use of water when stream flows are insufficient to supply water to all competing users. The watermaster also acts as a special deputy to the Director of the Water Resources to convey and distribute stored water to the various canals which are entitled to its use.

Seven of the eight reservoirs in Water District 1 are federally owned and operated. Most of the major canal systems have contracted for the use of storage from as many as three of these reservoirs. Release of water from the reservoir system for irrigation is made by the USBR at the request of canal managers through the watermaster. Selection of which reservoirs are to be drafted is the sole responsibility of the USBR which must consider other reservoir uses such as power generation and recreation. The watermaster determines the amount of stored water being diverted by the respective canals but does not identify from which reservoir(s) it was released.

Water District No. 1 Accounting Requirements

The watermaster has several accounting responsibilities. His primary responsibilities are to (1) determine the amount of natural flow available and (2) distribute this natural flow to the various water rights according to their priorities. His first requirement is then to collect data to determine the amount of natural flow and storage water delivered to each diversion and to assure proper division of water district charges.

The watermaster's accounting responsibility is complicated by the fact that the flow data, from which natural flow is calculated in determining which rights are in effect each day, only allows cuts to be made after the fact unless flow projections are made. Fortunately, in the past, all of the major diversions have had sizeable storage accounts in addition to their natural flow rights which made the lack of precision

in identifying which rights were being filled each day less critical. Because the watermaster had the ability to charge diverted water to either natural flow or storage accounts, if he later determined that natural flow entitlements of a certain canal expired on some previous day, subsequent diversions were simply charged against their storage accounts. This procedure works reasonably well as long as the supply of natural flow is average or above, since there is little opportunity for canal companies to divert over the amount of storage they have in their accounts. However, as the number of diversions increase, many of which do not have storage, the impact on natural flows becomes much more serious. When this additional demand is coupled with a below average supply of natural flow, the traditional lags in the accounting process become of serious consequence to many of the older water rights and to those holding space in various reservoirs.

In a district as large and variable as Water District 1, runoff time varies with basin characteristics, elevation, snow accumulation, exposure and numerous geologic factors. It is a frequent occurrence that one or more tributaries are receding to low flow rates when others still have flow in excess of that needed to meet demand. This variability requires that natural flows be computed and allocated at many locations. Because of the complexity and variability of the system, in addition to the large amount of data that is needed to accurately segregate natural flow and storage in all portions of the system, it is difficult to reasonably make the necessary calculations by hand in a timely manner.

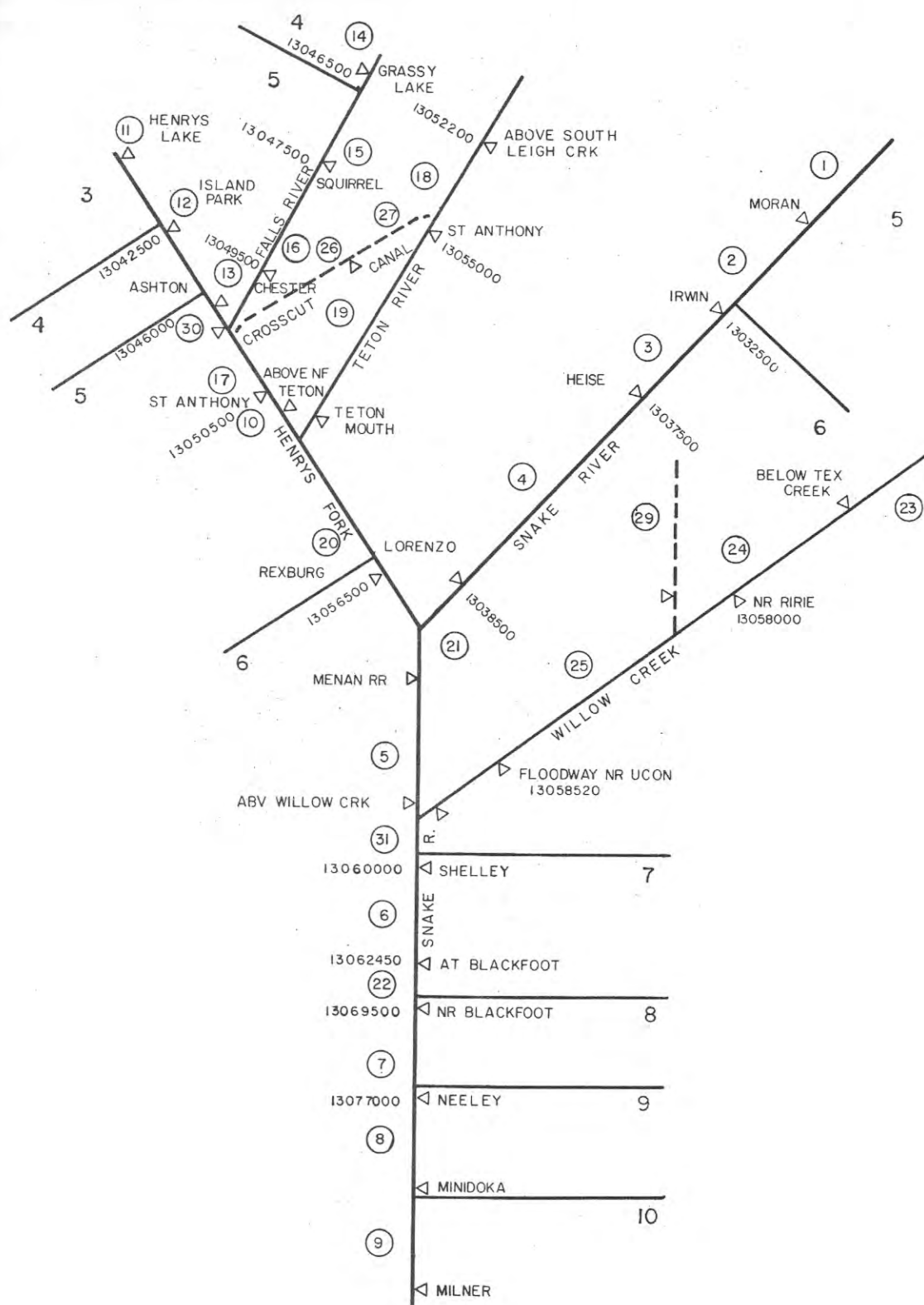
By using a computer procedure to allocate water during the 1978 season, Water District 1 was able to administer delivery of water to nearly 300 diversions. Figure 1 shows the locations where natural flows were computed and allocated. It is expected that the number of diversions administered will increase as the accounting process is expanded into more of the tributaries.

The Accounting Year

The watermaster and the USBR have separate but mutually dependent responsibilities in accounting for storage deliveries. Because the USBR is the water right holder for the various storage facilities within the district, they must keep the watermaster informed of the reservoir operating plan.

At the end of the irrigation season, the various canal storage accounts generally have storage remaining (carry-over) in one or more reservoirs. When water users have storage in more than one reservoir the watermaster has no method of determining the location of this carry-over unless the USBR specifies to which reservoir the carry-over is credited. This is necessary because the degree to which the reservoir rights can be filled in the ensuing accrual period is dependent upon the amount they are already filled. Once the watermaster knows the carry-over in each of the reservoirs he can then compute accrual to each reservoir account through the winter and spring months. At the end of the accrual period the canal storage accounts are set to the amount that each has filled physically and by provisions of the USBR canal company

FIGURE 1. UPPER SNAKE SYSTEM FOR WATERMASTER ACCOUNTING



contracts. Using the watermaster's computations of reservoir fill, it is the responsibility of the USBR to compute each canal company's storage allocation prior to the start of the irrigation season. After the initial canal storage accounts have been set the watermaster can then compute the daily storage withdrawals and remaining balances throughout the irrigation season.

Accounting Procedure

The process now used by Water District 1 to allocate water to the various water rights involves three steps. These are:

1. Determine the natural flow at several points throughout the river system.
2. Allocate the natural flow to the various water rights in order of their priority.
3. Charge diversions with storage water for the amount their diversions exceed their natural flow entitlement.

The computer program developed in 1978 allows the watermaster to efficiently handle the large amount of data necessary for proper allocation of water rights.

The following sections describe the details of the process used by the accounting program.

Natural Flow Determination

The Upper Snake and its tributaries are divided into about 30 reaches for the purpose of natural flow computation and subsequent flow allocation. Figure 1 is a diagram of the Upper Snake showing the reaches and Table 1 lists them in downstream order.

The natural flow available at the lower end of each reach is computed by summing the natural gain of individual reaches above that point. The individual reach gains are computed as in the following equation:

$$\begin{aligned} \text{Reach gain} = & \text{reach outflow} - \text{reach inflow} \\ & + \text{sum of reach diversions} \\ & + \text{reservoir change in storage} \\ & + \text{reservoir evaporation} \end{aligned}$$

This reach gain is not a true natural gain because of the influence of irrigation return flows. However, irrigation return flows contribute to the water available to be diverted in succeeding reaches. Therefore, these gains are considered to be part of the natural flow supply.

Before reach gains are computed, adjustments are made in the data to account for travel time. Table 1 lists the appropriate travel time in days from each reach to Milner. These travel times are similar to those used by District 1 in prior years. Travel time for both diversions within the reach and the outflow point are given.

TABLE 1

REACHES USED IN WATER DISTRICT 1 WATER RIGHT ACCOUNTING

No.	Name	Travel Time in Days from Downstream Point to Milner	Travel Time in Days from Diversion Points to Milner Dam
1	To Moran	5	5
2	Moran to Irwin	4	4
3	Irwin to Heise	4	4
4	Heise to Lorenzo	4	4
11	To Henrys Lake	7	7
12	Henrys Lake to Island Park	6	7
13	Island Park to Ashton	5	6
30	Ashton to above Falls River	5	5
14	To Grassy Lake	6	6
15	Grassy Lake to Squirrel	5	5
16	Squirrel to Chester	5	5
26	Crosscut Canal below diversions	-	-
27	Crosscut Canal at end	-	-
17	Above Falls River to St. Anthony	5	5
10	St. Anthony to above NF Teton	5	5
18	Above S. Leigh to St. Anthony	5	5
19	St. Anthony to Teton mouth	5	5
20	Above NF Teton to Rexburg	4	5
21	Lorenzo to Menan	4	4
5	Menan to Willow Creek	4	4
23	Willow Creek below Texas Creek	4	4
24	Below Texas Creek to near Ririe	4	4
29	Eagle Rock Dump near Willow Creek	-	-
25	Near Ririe to fdwy near Ucon	4	4
28	Fdwy near Ucon to End	4	4
31	Willow Creek to Shelley	3	4
6	Shelley to Blackfoot	3	3
22	At Blackfoot to Blackfoot	2	3
7	Near Blackfoot to Neeley	1	1
8	Neeley to Minidoka	1	1
9	Minidoka to Milner	0	0

Because Milner is used as the reference point for travel times, all dates for calculated data and allocations refer to Milner time. For example, when rights are being allocated for the 10th of the month, data are being used from the 3rd at Henrys Lake, the 4th at Grassy Lake, the 5th at Moran, the 7th at Blackfoot, and so forth.

Adjustments are made in the computed reach gain of reaches containing reservoirs to smooth the effects of observed daily variations in stage caused by wind or other measurement problems. Such minor errors in stage can cause unrealistic estimates of gain. To minimize these variations, a running average of the reach gains for several days is used for all reservoir reaches. Presently, a four day average is used in all of the reaches except the near Blackfoot to Neeley reach, for which a fifteen day average is used. American Falls Reservoir, located in this reach, has a large surface area and is subject to relatively greater fluctuations than the other reservoirs. A four day average is also used on other reaches located downstream from reservoirs for computational consistency from reach to reach.

Evaporation is included in the reach gain calculation for the reaches which include Palisades, Island Park, Ririe, American Falls, and Walcott Reservoirs. These reservoirs are entirely man-made and cause loss to the natural flow through evaporation. Daily evaporation is computed by multiplying the surface area by 0.7 of the pan evaporation. Daily pan evaporation is measured at the Aberdeen Agricultural Experiment Station. The following equations are used to estimate the total evaporation from the pan evaporation at Aberdeen.

<u>Reservoir</u>	<u>Equation</u>
Palisades	$E = 0.7(SA)(0.94A - 0.04)$
Island Park	$E = 0.63(SA)A$
Ririe	$E = 0.7(SA)(0.94A - 0.04)$
American Falls ¹	$E = 0.7(SA)A$
Walcott	$E = 0.7(SA)A$

¹ Surface area limited to 8,000 acres

where

E = evaporation in acre-inches per day

SA = reservoir surface area in acres

A = pan evaporation at Aberdeen in inches per day

The evaporation at American Falls is computed based on a maximum of 8,000 acres since there is evidence that prior to the construction of the reservoir, the remainder of the area was swampland in which the evapo-transpiration would probably have approximated the present water surface evaporation. Jackson Lake and Henrys Lake evaporation is not included because prior to the addition of dams, natural lakes existed at the sites. Any additional evaporation occurring because of the artificial raising of the lake surface is considered insignificant. Grassy Lake evaporation is also not significant because of its small size and high altitude.

Right Allocation

After the reach gains are accumulated in downstream order, the natural flow has in effect been determined at each reach outflow point. The rights are then filled in order of priority based on these flows until either the water supply has been exhausted at all flow points or all rights are satisfied. Beginning with the earliest priority, water rights are allocated flow one by one unless limited by either the water supply or the magnitude of the demand. As each right is satisfied, it is subtracted from the natural flow in its own reach, and from all of the reaches downstream from it. In this manner, the flow is removed from the system so that it cannot be used a second time. The flow remaining after a subtraction is called the "remaining natural flow" or RNF. Should the RNF at any reach become zero, all subsequent rights above that reach cannot be satisfied.

Often several rights having the same priority must share a limited water supply. In these cases, the remaining flow is distributed to each right in proportion to its percentage of the total of the rights involved but is subject to the flow being available at the location of the right.

Some rights are limited by the volume that can be diverted during the year. When a right is limited by volume, a check is made to insure that the cumulative total of diversions does not exceed the volume(s) specified in the water right(s). This condition applies to all reservoir rights and certain natural flow rights which include a volume limitation.

Power rights are deducted from the reach's natural flow but not from all downstream reaches, since this flow is not removed from the river. In this manner a power right may limit the distribution of natural flow at and above the point of diversion of flow through a power plant. Only that portion of a power right which is being beneficially used for power production can affect the distribution.

Reservoir Storage

A reservoir when storing or releasing water modifies the flow within the reach in which it is located, and requires special accounting procedures. However reservoirs, like all other diversions, can accumulate water only when their rights are in effect. The amount stored on a given day does not necessarily relate to the actual change in storage of the reservoir. Flow credited to one reservoir may actually have been stored in a different reservoir located upstream or downstream from it.

The amount stored by a reservoir may be limited by a flow rate or a seasonal volume. This volume may be the physical capacity of the reservoir, or the total of the storage rights in the reservoir, whichever is smaller. In the Upper Snake River system some reservoirs have more than one storage priority, each with a different volume. Table 2 lists the major storage rights in District 1 in order of priority.

TABLE 2

STORAGE RIGHTS DISTRICT 1

<u>Reservoirs</u>	<u>Flow (cfs)</u>	<u>Volume (ac-ft)</u>	<u>Priority</u>
1 Jan - 31 Dec			
1. Jackson Lake		298,981	23 Aug 06
2. Lake Walcott	2,500	97,000	14 Dec 09
3. Jackson Lake		138,829	8 Aug 10
4. Jackson Lake		409,190	24 May 13
5. Henrys Lake	1,000	79,350	15 May 17
1 Nov - 30 Apr			
6. Palisades		259,600	29 Mar 21
7. Island Park		45,000	29 Mar 21
8. American Falls		159,400	29 Mar 21
9. American Falls		1,540,600	30 Mar 21
10. Island Park		90,000	14 Mar 35
11. Grassy Lake		15,204	13 Feb 26
12. Palisades		940,400	28 Jul 39
13. Henrys Lake		10,650	29 Jul 65
14. Ririe		*	16 Jun 69
1 May - 31 Oct			
6. American Falls		1,700,000	30 Mar 21
7. Island Park		135,000	14 Mar 35
8. Grassy Lake		15,204	13 Feb 36
9. Palisades		1,200,000	28 Jul 39
10. Henrys Lake		10,650	29 Jul 65
11. Ririe		*	16 Jun 69

*Ririe water right has not been obtained.

The total of the storage rights in the reservoirs are as follows:

Jackson Lake	-	847,000 acre-feet*
Palisades	-	1,200,000 acre-feet
Henrys Lake	-	90,000 acre-feet
Island Park	-	135,000 acre-feet
Ririe	-	0 acre-feet
American Falls	-	1,700,000 acre-feet
Walcott	-	97,000 acre-feet

* Restricted to 624,360 acre-feet as of 1978.
The respective Jackson Lake rights in Table 2
have been reduced proportionally.

Certain of the Palisades, Island Park, and American Falls water rights are subject to seasonal variations as noted in Table 2. These variations result from contracts made by the USBR with various canal companies and the Idaho Power Company. These contracts allow for a portion of the storage in each of these reservoirs to be filled at an earlier priority date than American Falls Reservoir (30 March, 1921) by reason of curtailment by Idaho Power Company. These provisions became administrable under state water law when the contracts were included as part of district court decrees in 1968 and 1969.

Each of the reservoir rights can be filled only to the maximum volume specified in the right. When stored water is released from a reservoir, thus making room for additional storage, the amount accumulated in that space is not adjusted downward until the end of the irrigation season. This prevents a second fill at the expense of later rights.

Because the United States Department of Interior, through the USBR, holds all of the major reservoir storage rights on the Upper Snake (except Henrys Lake), it is not possible for the watermaster to determine the amount of water that has been released from the storage space of each right. It is, therefore, the responsibility of the USBR to provide the watermaster with carried-over calculations at the end of the water year.

Stored water releases are accounted for at each reach outflow point. The stored water available in each reach is calculated by subtracting the remaining natural flow (RNF) from the actual flow. If a negative stored flow results, the flow belonging to a downstream right has been stored or diverted upstream.

Special Computations

Crosscut Canal - Stored water can be delivered to canals on Teton River below the near St. Anthony gage via the Crosscut Canal which diverts from the Henrys Fork below Falls River. The Crosscut also carries water to the North and Middle branches of the Falls River Canal to supply Falls River natural flow rights.

The Crosscut requires special computation because this flow does not occur in normal downstream order, but instead transfers flow to an adjoining basin.

Figure 2 is a schematic of the Crosscut Canal and the related features. To distribute the Crosscut diversion correctly, it is divided into two parts, Crosscut to Falls River Canal and Crosscut to Teton (although it is actually only one diversion). The Falls River part is found by subtracting the flow below the North and Middle branches (point B) from the total diversion (point A). This amount is then added to the main Falls River Canal diversion (point F) to obtain its total diversion. When the water rights are allocated, the entire Falls River diversion is treated as if it were diverted at point F on Falls River and, therefore, has only Falls River natural flow available to it.

The remainder of the Crosscut diversion, Crosscut to Teton, is considered to be entirely storage water enroute to the Teton River. There is usually either a loss or gain between points B and C before the flow reaches the Teton. If on a given day the flow at point C is greater than at B, only the flow at B is considered stored water inflow to the Teton; the excess is then included as natural gain. The only time a gain will result on the reach receiving Crosscut inflow is when the flow at C is greater than the flow at B. In all other cases, the inflow from the Crosscut is subtracted from the reach gain since it is not a natural gain.

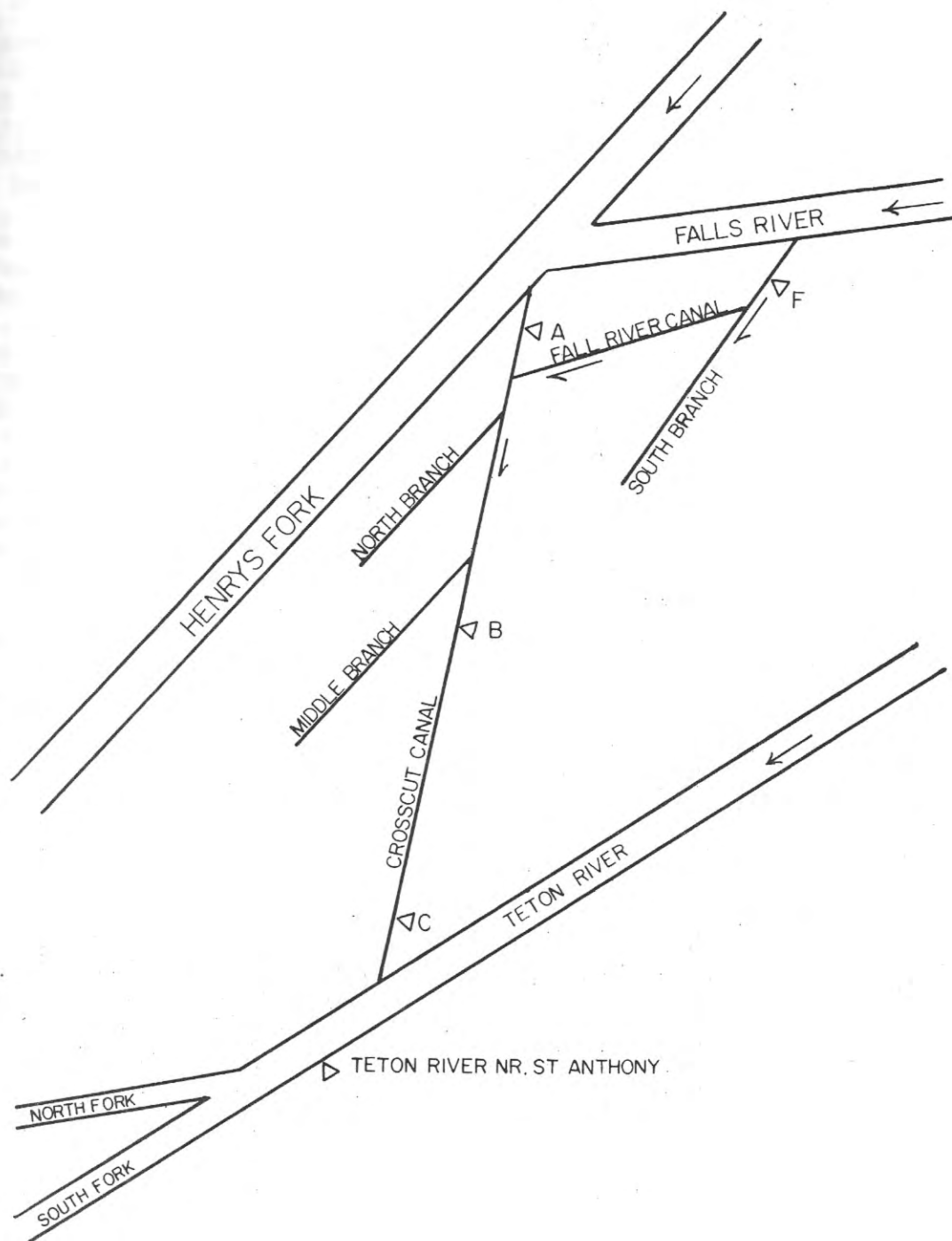
Stored water used by the Crosscut Canal itself is equal to the loss from point B to point C. The remainder of the stored water diversion is either diverted by canals on the Teton River or passed downstream.

St. Anthony Union Feeder - The St. Anthony Union Canal Company receives water from the Henrys Fork, from a main canal above the gage at St. Anthony and a feeder canal below the gage. A special computation is necessary because the point of diversion for both canals is considered at the main canal for water right allocation. The St. Anthony Union Feeder diversion is added to the main canal diversion prior to water right allocation. After allocation the effects of the feeder are removed from "the above St. Anthony" reach (#17) and added "to the below St. Anthony" reach (#10). This preserves the accuracy of the reach totals for diversion and stored water use.

Multiple Canal Measurements - Several canals require special calculations because their natural flow rights and storage water are delivered through more than one canal. In these cases, the multiple measurements are summed for water right allocation. Natural flow use and stored water use are usually summarized under the name of the largest canal. Unlike the St. Anthony Feeder described above, these canals occur in the same reaches and thus require no adjustments or separate computations. Examples of these canals are the Progressive Irrigation District, Rudy and Boomer, New Sweden, Minidoka Project, and Twin Falls North Side Canal Company.

Minidoka - Milner Gain Credit - The Foster Decree of 1913 states that the natural flow supply for the Twin Falls projects shall be determined as if the Minidoka Project did not exist. This decree, therefore, prevents any gains from Minidoka to Milner attributable to return flow from the Minidoka Project, or losses due to Lake Walcott, from being included in the natural flow computation at Milner Dam. Because it is presently not possible to measure return flow from the Minidoka Project, positive gains

FIGURE 2. SCHEMATIC OF CROSSCUT CANAL VICINITY



from Minidoka to Milner are considered entirely return flow.

As traditionally occurred, the Minidoka to Milner gain is credited to the Minidoka Project, but only up to the amount that cannot be met by the project's other natural flow rights. This credit requires a special computation since return flow is otherwise considered a part of natural flow and not credited back to the diversion source.

An exact procedure to accomplish the above is difficult to devise since it is not known how much of the gain can be credited to the Minidoka Project until after the water right allocation has taken place, and the water right allocation cannot take place until it is known how much of the gain has been credited to the Minidoka Project. A method of approximating returned flow credit was developed to solve this dilemma. This method is based on the premise that when the natural flow is high relative to diversions, the Minidoka Project and other canals below American Falls are not using stored water and have no need for the gain; and the gain, therefore, can be included in the natural flow for allocation elsewhere (probably above American Falls). The sum of the system (Water District 1) diversions and natural flow at Milner are used as indicators in accounting for the Minidoka return flow. If diversions exceed the Milner natural flow by more than 2,000 cfs on any given day, then it is probable that the canals below Neeley require stored water, and the Minidoka to Milner gain is withheld from the natural flow allocation. After the entire natural flow is allocated, the Minidoka to Milner gain is credited to the Minidoka Project up to the amount not met by natural flow. It is possible that only part, or none, of the gain is needed by the project. The portion not used is then reallocated to the rights below Minidoka in order of priority.

The above described daily approximation introduces only small errors in the allocation and is far more accurate than a monthly seasonal calculation. It eliminates the need for an iterative procedure to determine what portion of the Minidoka to Milner gain to include in the Milner natural flow supply.

The Neeley to Minidoka gain is seldom negative and is included in the natural flow supply. However, this gain should be continually observed for fluctuations, and if the gain should ever show significant losses because of Lake Walcott, adjustments should be made to remove these effects from the natural flow supply for downstream rights.

Non-measured Reaches - Some reaches require a special procedure to calculate the actual outflow because there is no stream gage at the point of outflow. These reaches were initially created to prevent one or more diversions from receiving natural flow which enters the river below the point of diversion. An example of this is the reach from St. Anthony to above the North Fork Teton on Henrys Fork (reach 10). Creation of this reach was necessary to prevent those canals which divert below St. Anthony but above the North Fork Teton from being credited with natural flow from the Teton River or other gains below their point of diversion.

In any case the outflow of reach 10 is computed as the actual St. Anthony flow minus the diversion from St. Anthony to the North Fork

them. Had this reach not been created, the natural flow supply to these canals would have been equal to the natural flow at Rexburg. Other reaches for which outflows are also computed are Teton River from St. Anthony to reach 19) and Snake River at Lorenzo and Henry Fork at Rexburg to Snake River at Menan railroad (reach 21).

Snake River Flow Transfer to Willow Creek - The Progressive Irrigation District consists mainly of the area irrigated from the Anderson and Eagle Rock Canals, but also extends westerly to the Willow and Sand Creek drainages northeast of Idaho Falls. These areas have rights on Willow Creek, but because the flow of Willow Creek is normally small, these flows are augmented by the transfer of Snake River water through the Eagle Rock Canal. This flow is measured at a point called the "Eagle Rock Dump" near the end of that canal at a point just before it empties into Willow Creek.

Because this flow is not a natural gain to Willow Creek it is not included in the natural flow determination of Willow Creek. This means flow diverted by Progressive Irrigation District canals in excess of their Willow Creek rights is accounted for as "stored" water (a source other than natural). This stored water charge is then later reduced by the amount of flow passing the "Eagle Rock Dump."

WATER SUPPLY

During the winter months of each year, precipitation and snow course data are collected on the major Snake River watersheds. These data are used to predict the water supply for the coming season, and plan reservoir operations. However, runoff patterns may also have significant impacts on immediate water supplies. If the runoff peaks too early an unusually large amount of water may have to be passed out of the system for flood control and will not be available during the irrigation season. Both the water supply and runoff patterns experienced in 1978 were better than average from the irrigator's point of view.

The maximum gain to the system of 48,480 cfs was observed on June 15. This supply exceeded the irrigation demand by 18,700 cfs. Natural flow supplies decreased and irrigation demand increased from that date until, on July 14, the total 30,630 cfs of available natural flow was distributed among irrigators above Milner.

Table 3 indicates the total runoff in acre-feet observed at six main locations in the system.

TABLE 3

TOTAL OBSERVED RUNOFF IN ACRE-FEET

Nov. 1, 1978 to Oct. 31, 1979

<u>Station</u>	<u>1978 Runoff</u>	<u>Average Runoff Past Years</u>	<u>Years of Record</u>	<u>1978 Percent of Average</u>
Snake River at Moran	1,142,000	1,051,000	75	109
Snake River nr Heise	6,062,000	5,063,000	68	120
Snake River at Neeley	5,928,000	5,248,000	52	113
Falls River nr Squirrel	563,200	567,000	64	99
Henrys Fork nr Ashton	1,190,000	1,053,000	58	113
Henrys Fork nr Rexburg	1,594,000	1,463,000	69	109

These data have been adjusted to remove the effect of reservoirs.

Because of the influence of reservoirs in the system the 48,480 cfs gain fortunately does not show up at any one point on the river. Table 4 indicates the dates that the maximum mean discharge occurred at selected river gaging stations.

TABLE 4

MAXIMUM MEAN DAILY DISCHARGE IN CFS AT SELECTED LOCATIONS

<u>Station</u>	<u>Date</u>	<u>Flow</u>
Snake River at Moran	June 20	5,780
Snake River near Heise	June 6 & 7	18,500
Snake River near Blackfoot	May 18 & 19	14,400
Henrys Fork near Rexburg	May 17	9,320
Snake River at Milner	April 20	9,450

More complete records of flow at the various river gaging stations can be found in Tables 1-39 in the Appendix. Tables 40-47 of the Appendix indicate the mean daily contents in each reservoir. Because data were not available for the entire water year, zeros in the reservoir tables indicate missing data.

WATER DISTRIBUTION

Two accounting procedures were used to distribute water during 1978. The computer allocations program was used to deliver water to 550 water rights at 296 different locations. While this only accounts for about one-half of the diversions in Water District 1, it represents 95.7% of the water delivered. Those diversions not presently included in the computer accounting process were administered separately by traditional methods.

As indicated by Table 5, 7,530,400 acre-feet of water was diverted during 1978. Because of the above normal supply of natural flow only 1,027,038 or 13.6% of this total came from storage supplies.

TABLE 5
TOTAL WATER DELIVERIES FOR 1978

	Computer Allocation Total AF	Allocation as in the Past Total AF	Total
Upper Valley	4,049,800	324,100	4,373,900
Lower Valley	3,154,900	1,600	3,156,500
Total	7,204,700	325,700	7,530,400

Totals rounded to nearest 100 AF

CANAL DELIVERIES

The following sections summarize the water deliveries to the various diversions. These are broken down into four categories: canal deliveries (South Fork, and Main Stem of the Snake), canal deliveries in the Henrys Fork Basin (Falls River, Henrys Fork and Lower Teton), pump deliveries and miscellaneous. Those included under miscellaneous are, in general, those diversions for which insufficient data are available for inclusion in the normal computer allocation process.

Total canal diversions during the 1978 irrigation season by all canals and pumps in the district, including headwater areas, amount to 7,530,400 acre-feet. This is 112,420 less than in 1976 and 1,045,500 more than in 1977.

Daily diversions from the Snake River by canals above American Falls during the 1978 season are shown in Tables 49-77 of the Appendix.

Miscellaneous measurements of various canals and streams in the headwater areas are shown in Tables 78-81 of the Appendix.

Diversions by Snake River Canals

The sixty-one Snake River canals shown in Table 6 normally divert over 80% of the water used in Water District 1. During 1978, these canals diverted 6,335,900 acre-feet of the 7,530,400 used in the district or 84% of the total.

These main river canals diverted about 13% more water than in 1977. Of the 3,137,000 acre-feet diverted by lower valley canals (below Neeley), 598,500 acre-feet or 19% was stored water. Upper valley main canals diverted 3,198,800 acre-feet of which 257,900 acre-feet, or 8% was stored water.

TABLE 6

TOTAL DIVERSIONS ARE THROUGH SEPTEMBER 30, 1978

(Canals in downstream order from Heise)

<u>Canal</u>	<u>Diversions (acre-feet)</u>	<u>Acres Irrigated</u>	<u>Acre-Feet Per Acre</u>
Riley	6,212	900	6.9
Progressive Irrigation District	228,378	33,000	6.9
Farmers Friend (NF)	104,407	10,500	9.9
Enterprise Canal	55,817	5,200	10.7
Butler	11,220	1,100	10.2
Ross and Rand	839	145	5.8
Cheney (includes Steele)	4,415	323	13.7
Harrison	157,012	13,000	12.1
Rudy Irrig. Co. (includes Boomer)	80,198	5,000	16.0
Lowder	18,196	1,000	18.2
Kite & Nord	2,116	210	10.1
Burgess	260,422	22,000	11.8
Clark & Edwards	6,371	1,940	3.3
Labelle Irrigation	29,704	3,000	9.9
Rigby	56,362	4,000	14.1
Dilts	9,207	620	14.8
Island	51,102	5,500	9.3
West LaBelle & Long Island	134,168	10,500	12.8
Parks & Lewisville	101,909	8,500	12.0
North Rigby	16,427	1,400	11.7
White	1,382	110	12.6
Bramwell	1,684	470	3.6
Ellis	492	70	7.0
Nelson	1,089	55	19.8
Mattson-Craig	3,864	485	8.0

TABLE 6 - Total Diversions are Through September 30, 1978 (continued)

<u>Canal</u>	<u>Diversions (acre-feet)</u>	<u>Acres Irrigated</u>	<u>Acre-Feet Per Acre</u>
Sunnydell	43,505	3,780	11.5
Lenroot	40,500	3,100	13.1
Reid	56,162	5,500	10.2
Texas Feeder	60,960	10,000	6.1
Hill-Pettinger	1,388	200	6.9
Welson-Corey	1,841	270	6.8
Butte & Market Lake	68,757	20,000	3.4
Osgood	15,872	6,210(a)	2.6
Kennedy	3,943	2,200	1.8
Bear Island & Smith	1,180	330	3.6
Great Western & Porter	198,133	30,220	6.6
Idaho	272,789	35,850	7.6
Woodville	20,112	2,350	8.6
Snake River Valley	166,616	20,790	8.0
Reservation	135,730(b)	54,770	2.5
Blackfoot	100,211	15,000	6.7
New Lava Side	32,174	6,000	5.4
Peoples	98,061	20,000	4.9
Aberdeen	283,876	63,000	4.5
Corbett	46,318	6,000	7.7
Nielsen-Hansen	2,606	460	5.7
Riverside	33,447	5,000	6.7
Danskin	58,009	8,000	7.3
Trego	18,700	1,620	11.5
Wearyrick	17,528	1,600	11.0
Watson	33,160	3,000	11.1
Parsons	14,811	930	15.9
Ft. Hall Michaud Canal	29,459	14,819	2.0
Falls Irrig. District	25,686	7,868	3.3
Minidoka Irrig. District	421,763	72,000	5.9
Burley Irrigation District	235,486	48,000	4.9
A & B Irrigation District	49,105	14,520	3.4
Milner Low Lift	56,188	13,470	4.2
Reservoir District #2, Gooding	386,846	63,700(c)	6.1
North Side Canal	1,003,362	160,000	6.3
Twin Falls Canal Company	958,647	202,700	4.7
Total	6,335,925	1,052,285	6.0

(a) Water pumped from wells for about 600 acres of this land.

(b) Supplements main supply from the Blackfoot River.

(c) Acreage includes 691 acres of non-project land supplied from canal.

Canal Deliveries in Henrys Fork Basin

Diversion during the 1978 irrigation season, April to September 30th, from the Falls River, Henrys Fork and Lower Teton River are shown in Table 7.

TABLE 7

TOTAL DIVERSIONS OF FALLS RIVER, HENRYS FORK AND

LOWER TETON RIVER CANALS

(April-September)

<u>Falls River Canals</u>	<u>Diversions (acre-feet)</u>	<u>Area Irrigated (acres)</u>	<u>Acre-Feet Per Acre</u>
Yellowstone	2,138	2,100	1.0
Marysville	31,908	16,000	2.0
Farmers Own	14,896	5,800	2.6
Enterprise	18,172	5,890	3.1
Bell	0	110	—
Falls River	73,881(a)	9,000	8.2
Chester	15,752	1,400	11.2
McBee	831	125	6.6
Silkey	6,085	1,080	5.6
Curr	<u>10,728</u>	<u>1,300</u>	<u>8.3</u>
Total	174,391	42,805	4.1

(a) Includes 30,772 acre-feet diverted through the Crosscut Canal.

Henrys Fork Canals

Dewey	5,964	1,200	5.0
Last Chance	23,405	1,860	12.6
Farmers Friend	27,148	3,025	9.0
Twin Groves	28,760	2,500	11.5
St. Anthony Union	121,156	9,700	12.5
Salem Union	41,036	5,500	7.5
Egin	76,663	7,000	11.0
St. Anthony Union Feeder	25,997	2,300	11.3
Independent	61,333	6,000	10.2
Consolidated Farmers	<u>51,921</u>	<u>6,000</u>	<u>8.7</u>
Total	463,383	45,085	10.3

TABLE 7 - Total Diversions of Falls River, Henrys Fork and Lower Teton River Canals (continued)

<u>Lower Teton Canals</u>	<u>Diversions (acre-feet)</u>	<u>Area Irrigated (acres)</u>	<u>Acre-Feet Per Acre</u>
Wilford	34,028	2,300	14.8
Good Luck	47	330	—
Teton Irrigation (a)	23,429	2,500	9.4
Pioneer	650	300	2.2
Stewart	1,086	478	2.3
Pincock-Byington	1,912	260	7.4
Teton Island Feeder	79,740	10,400	7.7
North Salem (b)	2,162	450	4.8
Roxana	3,584	880	4.1
Island Ward	6,087	3,300	1.8
Saurey-Sommers	3,905	275	14.2
Pincock-Gardner	1,152	480	2.4
Woodmansee-Johnson	1,767	1,320	1.3
City of Rexburg	3,677	950	3.9
Rexburg Irrigation	46,937	5,280	8.9
Total	210,163	29,503	7.1
Total Falls River, Henrys Fork & Lower Teton	847,937	117,393	7.2

(a) Siddoway included in Teton Irrigation

(b) Includes water from Henrys Fork through Salem Union

Pump Deliveries

Each diversion or river gage must have a unique identifying number in the computer. These numbers have been assigned in downstream order using the USGS numbering system.

The list of pump diversions in Table 8 reflects the present water right records of Water District 1. In many cases, pumpers have claimed water rights which either do not appear in the district's records or do not correspond to the actual physical location of the point of diversion or place of use. Until proper ownership of rights is confirmed and the appropriate transfers or exchanges have been filed pursuant to the Idaho Code, water diverted in excess of confirmed rights will be charged against storage supplies.

The daily records for pump diversions are not included in this report because of the amount of space these data would require. However, the seasonal totals for each pump are given in Table 8.

TABLE 8

PUMP DELIVERIES

Diversion Station Number	Pump Name	Diverted (acre-feet)	Storage Used (acre-feet)
13033643	J. Fleming	212	212
13033646	T. Lott #1	208	208
13033670	D. Beasley	256	256
13033690	T. Lott #2	139	139
13037305	I. Spaulding (Tr)	238	198
13037510	M. Blakely (South)	566	500
13037515	M. Blakely (North)	65	59
13037855	M. Newby #1	108	58
13037860	M. Newby #2	238	238
13037880	M. Newby #3	113	113
13037979	M. Georgia	0	0
13037997	G. Hickman	0	0
13038113	M. H. Hill	238	217
13038201	White Island	208	194
13038331	Jefferson Hills (Elec.)	183	176
13038332	Jefferson Hills (Eng.)	48	41
13038352	J. W. Jones #1	417	347
13038371	J. T. Jones	126	122
13038373	N. Taylor	36	36
13038382	R. Hunter	164	164
13038383	Idaho Fresh Pac	252	252
13038384	V. M. Hunter	491	491
13038386	J. N. Erickson	79	79
13038393	B. Covington	619	317
13038405	B. Parkinson	432	0
13038410	R. Grover	351	340
13038417	M. Cheney Pump	161	161
13038428	R. Burns	50	50
13038438	R. Roth	48	23
13045655	G. Marotz	19	19
13045675	L. Cherry	160	149
13045705	F. Howell	47	38
13045710	D. Woodruff	46	46
13045721	E. G. Howell #1	179	179
13045724	E. G. Howell #2	0	0
13045727	E. G. Howell #3	64	60
13045755	T. Holcomb	92	92
13045780	R. Lee	55	55
13045805	Z. J. Egbert #1	24	24
13045807	R. Ritchey	178	155
13045810	R. Stewart #2	20	20
13045811	R. Stewart #1	11	11
13045813	Z. J. Egbert #2	69	69
13045823	R. D. Baker #2	182	0
13045829	D. Larson	69	58

TABLE 8 - Pump Deliveries (continued)

Diversion Station Number	Pump Name	Diverted (acre-feet)	Storage Used (acre-feet)
13045849	D. Seeley	119	119
13045860	Z. J. Egbert #3	25	25
13045880	Z. J. Egbert #4	161	98
13045930	Z. J. Egbert #5	112	112
13045940	G. Nedrow	96	0
13045950	R. D. Baker #1	172	141
13045960	M. F. Reynolds #1	179	0
13046015	R. & C. Baum	110	38
13046020	J. McCulloch	180	0
13046025	M. F. Reynolds #2	95	95
13046030	C. Lenz (R. Hess)	44	44
13046070	A. Nedrow	137	44
13046075	J. Nedrow	286	286
13046080	E. & S. Clark	76	76
13046083	V. & D. Kirkham	60	60
13046084	D. Nedrow	36	36
13046086	L. Fransen	143	143
13046090	L. Bratt	4	4
13046095	L. Loosli #1	288	0
13046315	J. Seeley	283	283
13047510	E. Griffel	34	34
13047515	F. & L. Griffel	243	243
13047530	C. P. Lenz	0	0
13047565	R. Baum	72	50
13047570	H. Griffel	136	120
13047605	D. Reinke	75	70
13047610	E. Hessman #1	42	42
13047611	E. Hessman #2	36	36
13047616	R. Sturm	54	54
13047625	M. Griffel	173	173
13047635	C. Loosli #1	166	127
13047710	K. Nyborg	241	0
13048052	H. Harrigfeld	6	6
13048080	D. Harshbarger	139	90
13048250	M. Bergman	73	73
13048265	D. Zundell	246	39
13048275	L. Loosli #2	606	488
13048278	B. Bishoff	0	0
13048280	C. & L. Loosli	263	198
13048290	C. Loosli #2	86	86
13048350	J. Hill	15	15
13048430	D. Reynolds	200	200
13048440	C. Loosli #3	377	377
13048470	T. Potter	154	14
13048480	L. Martindale #2	205	44
13048485	R. D. Miller	93	0
13048551	L. Martindale #1	139	6
13049490	L. Loosli #3	674	674

TABLE 8 - Pump Deliveries (continued)

Diversion Station Number	Pump Name	Diverted (acre-feet)	Storage Used (acre-feet)
13049495	G. Blanchard	54	13
13054420	B. Parkinson	1,540	820
13054530	J. Neeley (Pony)	0	0
13054577	J. Neeley #1	0	0
13054580	J. Neeley #2	96	0
13054590	W. Stevens	575	278
13054705	V. Schwendiman	1,502	650
13054708	C. M. Olsen	297	96
13054822	Canyon Ck. Lat.	2,579	855
13055193	N. Birch	69	32
13055195	B. Leavitt	36	6
13055263	J. Harris	14	12
13055313	E. Gardner	121	121
13055317	R. R. Ricks	21	17
13055319	R. O. Wilding	69	0
13055325	T. Brunson	44	44
13055326	J. S. Wright	8	8
13055327	G. D. Wright	1	1
13055328	W. Walker	73	73
13057008	J. Maupin	11	11
13057013	A. Gunderson	0	0
13057014	R. & C. Miller	5	5
13057015	R. Miller	429	0
13057018	Boyle & Sons #1	63	0
13057021	Boyle & Sons #2	140	70
13057036	G. Gunderson #2	0	0
13057038	O. Ellsworth	368	368
13057046	H. Tomchak	66	66
13057097	N. Fullmer	40	40
13057105	D. Boyce	33	33
13057106	B. Tomchak	178	110
13057107	C. Boyce	274	274
13057114	Steinke-Murdock	150	150
13057115	L. Carlson (North)	79	79
13057116	E. W. Carter	516	455
13057117	L. Carlson (South)	311	294
13057118	L. Brown	366	200
13057119	N. Arrington Const.	1,047	1,047
13057121	A. E. Martin	151	151
13057122	S. Arrington Const.	693	455
13057123	Bear Island East	0	0
13057141	Mackay North (John Gay)	74	74
13057142	Mackay South	0	0
13057143	Yorgenson	42	42
13057149	W. Ward	0	0
13057171	A. Butikofer	85	85
13058994	I. F. Monroc Small	36	22
13058995	I. F. Monroc Large	111	83

TABLE 8 - Pump Deliveries (continued)

Diversion Station Number	Pump Name	Diverted (acre-feet)	Storage Used (acre-feet)
13059490	J. Lyons (Monroc)	1	1
13060005	A. M. Cannon	108	3
13060055	P. Hill	28	28
13061522	R. C. Adams	88	0
13061677	R. Lambert	105	105
13061685	R. Stringham	71	63
13062447	Hopkins Packing	83	83
13062453	Blackfoot Monroc	71	45
13062471	J. Wadsworth	32	32

Miscellaneous Diversions

Table 9 shows a list of canal diversions which have not entered into the calculations of the accounting process in past years but were included in the computer allocation program during 1978.

Many additional diversions remain which were not included in the regular computer accounting program. These diversions are located on the Upper Teton and tributaries, tributaries of the South Fork and Henrys Fork of the Snake, and on the South Fork above Swan Valley.

Because the water rights for many of these canals have not been confirmed to the satisfaction of Water District 1, no attempt was made to distinguish between natural flow and storage diversion. The measurement data for many of these canals are found in Tables 78, 79, 80 and 81 in the Appendix.

TABLE 9

MISCELLANEOUS CANAL DIVERSIONS

Diversion Station Number	Canal Name	Diverted (acre-feet)	Storage Used (acre-feet)
13038080	Butler Island #2	1,020	1,020
13038145	Croft	305	165
13038340	White Ditch	1,382	457
13038435	Bannock Jim	4,970	455
13048050	Orme Canal	803	211
13049008	McBee Ditch	831	138
13054515	Canyon Creek Canal	6,777	770
13055314	Bigler Slough	1,299	930
13057030	Bear Trap	13,947	2,947

STORED WATER

The ability to store water, when it is not needed, for use during periods of scarce supplies is vital to agricultural and power needs of the Snake River Valley. Reservoirs also provide for flood control and flows for fish wildlife and recreation.

While there are many benefits associated with reservoirs, their right to divert water for storage is defined by the beneficial uses identified in the water right license. Storage rights are subject to the same general water laws as other water rights. This "sameness" in legal standing dictates special administrative procedures. To illustrate this point, consider a system on which the earliest right is a storage right equal to one-half the mean annual runoff of the basin. Further suppose that one-half of the runoff occurs between November 1 and April 1, and the remaining one-half comes off between April 1 and October 31. If the decision is made to store water between November 1 and April 1, the remaining water is available to fill the later natural flow rights during the period April 1 to November 1.

If, on the other hand, a decision is made to allow water to flow past the reservoir and exercise the right during a different period, the water supply for the junior water rights will be diminished. Since it is clearly the intent of the Idaho Code that any interference between water rights be prevented, the Water District 1 accounting process credits all available natural flow to the reservoirs according to priority of right, until each storage right is filled. This procedure is complicated by BOR flood control obligations. This dilemma is handled by allowing the reservoir to refill as long as there is water in excess of all other rights. This second fill is defined as "unaccounted for storage" and is credited back to the reservoirs pursuant to instructions of the storage right holder, i.e. the Bureau of Reclamation. By taking this approach during 1978, the major reservoirs in the system were allocated water as shown in Table 10.

TABLE 10
RESERVOIR ALLOCATIONS

Reservoir	Sum of Rights (acre-feet)	Accrued Storage (acre-feet)	Proportion of Rights Filled (Percent)
Jackson Lake	624,360 ¹	624,360	100.0
Palisades	1,200,000	1,125,600	93.8
Henrys Lake	90,000	87,047	96.7
Island Park	135,000	135,000	100.0
Grassy Lake	15,204	14,030	92.3
Ririe	90,000 ²	0	0
American Falls	1,700,000	1,700,000	100.0
Lake Walcott	97,000	97,000	100.0
Total	3,951,564	3,783,037	98.0

^{1/} Represents restricted capacity.

^{2/} Ririe water right has not been obtained.

Disposal of Stored Water

Each year after reservoir accounts have achieved the maximum annual fill, the supply is divided among the various space holders. Table 11 shows the space allocations, storage used and carry-over by account for Jackson, Palisades and American Falls Reservoirs. If these data were to be used in crediting carry-over for 1979, additional adjustments would have to be made to correct for rentals, adverse storage use, evaporation and stored flows spilled past Milner. This amounts to 120,800 acre-feet or an average reduction of about 4.8% on each account.

TABLE 11
SPACE ALLOCATIONS, STORAGE USED & CARRY-OVER

<u>Canal</u>	<u>Total Allocation</u>	<u>Storage Used</u>	<u>Water Used in Excess of Allocation</u>	<u>Carry- over</u>
A & B Irrigation	133,363	20,747		112,616
Aberdeen-Springfield	253,927	1,625		252,302
American Falls Res. District #2	400,938	148,742		252,196
Bear Island	272	685	413	0
Blackfoot Irrigation	21,995	2,345		19,650
Burgess Canal	46,765	16,901		29,867
Burley Irrigation	194,712	42,580		152,132
Butler Island	234	584	350	0
Butte & Market Lake	47,925	216		47,709
Clark & Edwards	750	2,950	2,200	0
Clement Brothers (Kennedy)	634	252		382
Corbett Slough	10,750	147		10,603
Craig-Mattson	1,351	348		993
Danskin Ditch	2,204	1,693		511
Dilts Irrigation	2,389	474		1,915
Enterprise Canal	35,602	6,779		28,832
Enterprise Irrigation	14,525	5,535		8,990
Falls Irrigation District	61,664	12,989		48,675
Farmers Friend Irrigation	10,291	8,393		1,898
Harrison Canal	42,872	24,077		18,795
Idaho Irrigation	87,817	17,510		70,307
Idaho Power	45,000	45,000		0
Island Irrigation	4,409	1,881		2,528
LaBelle Irrigating	750	260		490
Lenroot Canal	15,089	2,803		12,286
Lowder Slough	2,268	1,570		698
Martin Canal (Great Western)	9,219	2,545		6,674
Milner Low Lift	87,428	22,032		65,396
Minidoka Irrigation	253,524	69,471		184,053
New Lavaside	11,022	73		10,949
New Sweden	72,026	15,182		56,844

TABLE 11 - Space Allocations, Storage Used & Carry-Over (continued)

Canal	Total Allocation	Storage Used	Water Used in Excess of Allocation	Carry- over
North Rigby	1,126	471		655
North Side Canal	777,725	248,280		529,445
Palisades Water Users, Inc.	50,774	34,280		16,494
Parks & Lewisville	5,159	3,706		1,453
Parson Ditch	657	2,475	1,818	0
Peoples Canal	69,257	115		69,142
Poplar Irrigation	3,261	1,807		1,454
Progressive Irrigation	44,532	18,684		25,848
Reid Canal	6,588	3,761		2,827
Rigby Canal	5,909	3,438		2,471
Riverside Ditch	1,407	861		546
Rudy Irrigation	19,978	27,969	7,991	0
Snake River Valley	81,758	16,070		65,688
Sunnydell Irrigation	8,858	2,732		6,126
Texas Slough & Liberty Park	4,409	604		3,805
Trego Ditch	4,875	488		4,387
Twin Falls Canal	222,823	46,682		176,141
Watson Slough Ditch	2,204	3,355	1,151	0
Wearyrick Ditch	563	273		290
West Labelle & Long Island	5,628	2,584		3,044
Woodville Canal Company	14,248	48		14,200
City of Pocatello	46,900	0		46,900
Food Machinery Co. (Westvaco)	4,690	0		4,690
J. R. Simplot	2,345	0		2,345
U.S. Indian Irrig. Service	126,398	395		126,003
U.S. (Wyoming)	30,954	0		30,954
Utah-Idaho Sugar (Osgood)	33,492	2,196		31,296
Salmon River Canal	938	0		938
Fremont-Madison	938	0		938
Unallocated	413	0		413
Total Storage Used			929,084	
Specific Rental Requests			7,054	
Total Water Allocated			3,450,518	
Total Carry-Over			2,521,434	
Evaporation & Milner Spill			75,469	
Net Carry-Over			2,445,965	

Rentals

For years the Chairman of the Committee of Nine has appointed a rental pool committee to supervise the storage water rentals within Water District 1. This committee normally is composed of the watermaster, one or more members of the Committee of Nine and a representative from the BOR.

The 1978 rental committee consisted of Kenneth Anderson, Chairman; Burdell Curtis, Carlos Randolph, and Ronald Carlson.

Table 12 summarizes the acquisition and disposal of rental water during 1978.

All rentals were at the rate of seventy-five cents per acre foot, which included fifty cents to the space holder and twenty-five cents to cover the water district administrative costs.

TABLE 12

ACQUISITION AND DISPOSAL OF RENTAL WATER

<u>Date</u>	<u>Source</u>		<u>Quantity</u>
	<u>Supplier</u>		
6/23	Falls Irrigation		15,000
6/23	Enterprise Canal		2,000
7/26	Palisades Water Users (Gladys Richards) (Maryellen Hittson)		1,280

<u>Date Requested</u>	<u>Disposal</u>			<u>Amount (acre-feet)</u>
	<u>Renter</u>	<u>Diversion</u>		
12/31/77	Vaughn Hobson	Snake River		80
3/15/78	Mas Kuwana			500
3/16	Glendale Farms	Milner Low Lift		1,000
3/17	Glen A. Breeding	Milner Low Lift		450
3/22	Merlin Hill	Great Feeder		200
3/30	John Kirk	Martin Canal		10
4/06	Little Butte Irrig.	Reservation Canal		500
4/10	Bob Hammond	New Sweden		100
4/11	Jefferson Hill Golf Course			120
4/19	Steve Gellings	New Sweden		120
4/24	Thomas Yates	Clark & Edwards		500
4/24	Burton Gardner	Croft Ditch		75
4/25	Vardus Radford	Rudy Canal		200
4/27	Duane Stoddart	Martin Canal		150
5/08	Mrs. Dea Blosch	Clark & Edwards		4
5/08	Mrs. Gilbert Howard	Long Island		30

TABLE 12 - Acquisition and Disposal of Rental Water (continued)

Date Requested	Disposal (continued)		Amount (acre-feet)
	Renter	Diversion	
5/10/78	Everett Harriell	Oakland Valley Canal	20
5/15	Daniel Albertson	New Sweden	100
5/17	Lyle Robison	Lenroot	150
5/24	Ross Burns	Bannock Feeder	50
6/01	Ray E. Miller	Butte & Market	80
6/02	Theron Cheney	Lenroot	50
6/13	N. L. Olsen	Snake River	200
6/12	Marion S. Cheney		50
6/09	Richard McCardell	Snake River	200
6/09	Sterling Swanner	Great Feeder	10
6/30	Steven Kudla	New Sweden	5
6/30	Robert Lundblade	Snake River	100
7/05	Taylor Lott		20
7/10	Paul Byrd		100
7/11	Jerry Bloesch		300
7/14	Circle Two Bar Ranch		250
7/18	George Hickman	Feeder Canal	25
7/21	Larry Ferguson	Farmers Friend	100
7/21	Clyde Burtenshaw	Farmers Friend	120
7/20	Claude Ferguson	Farmers Friend	150
8/03	Maxmillion Farms		125
8/18	Philip Hoehn		10
8/28	Burgess Canal	Burgess Canal	150
9/14	Brent Covington	Snake River	650

REGULATION SCHEDULE

The computer allocations program allows much greater refinement in making priority cuts. Because the computer calculates both the amount of natural flow available in a given reach and the downstream demand, it is possible to have many different priorities in effect on any given day.

Table 13 shows the complete regulation schedule used in 1978. The earliest priority cut on the main Snake River occurred on September 2, when the water supply could only provide water for priorities equal to or earlier than February 6, 1895. The rights on Willow Creek, on the other hand, were cut back to the May 1, 1888, on June 17. By August 23, the April 1, 1884 priority was the last right filled on Willow Creek.

All of the water rights recognized by the computer in distributing natural flow are listed in order of priority in Table 48 of the Appendix.

TABLE 13
PRIORITY IN EFFECT (Date -vs- Reach)

IRWIN TO BLACKFOOT			GRASSY LAKE TO ST. ANTHONY			LORENZO TO WILLOW CREEK			BLW TEX CREEK TO FLWY NR UCON			BLACKFOOT TO MINIDOKA			MINIDOKA TO MILNER		
Date	Priority		Date	Priority		Date	Priority		Date	Priority		Date	Priority		Date	Priority	
3/28	3/31/1921		3/27	3/31/1921		3/27	3/31/1921		3/28	3/31/1921		3/31	6/23/1978		4/01	6/23/1978	
4/29	7/28/1939		4/28	7/28/1939		4/28	7/28/1939		4/29	7/28/1939		5/02	7/28/1939		5/03	7/28/1939	
5/04	6/23/1978		5/03	6/23/1978		5/03	6/23/1978		5/04	6/23/1978		5/07	6/23/1978		5/08	6/23/1978	
5/05	7/28/1939		5/04	7/28/1939		5/04	7/28/1939		5/05	7/28/1939		5/08	7/28/1939		5/09	7/28/1939	
6/16	6/23/1978		6/15	6/23/1978		6/15	6/23/1978		6/16	6/23/1978		6/19	6/23/1978		6/20	6/23/1978	
7/10	4/01/1939		7/09	4/01/1939		7/09	4/01/1939		7/10	4/01/1939		7/13	4/01/1939		7/14	4/01/1939	
7/13	6/01/1922		7/12	6/01/1922		7/12	6/01/1922		7/13	6/01/1922		7/16	6/01/1922		7/17	4/26/1966	
7/14	4/01/1921		7/13	4/01/1921		7/13	4/01/1921		7/14	4/01/1921		7/17	4/01/1921		7/18	4/01/1939	
7/15	3/30/1921		7/14	3/30/1921		7/14	3/30/1921		7/15	3/30/1921		7/18	3/30/1921		7/19	4/01/1921	
7/16	8/06/1920		7/15	8/06/1920		7/15	8/06/1920		7/16	8/06/1920		7/19	8/06/1920		7/20	3/30/1921	
7/17	3/30/1921		7/16	3/30/1921		7/16	3/30/1921		7/17	3/30/1921		7/20	3/30/1921		7/21	"	
7/18	11/14/1916		7/17	11/14/1916		7/17	11/14/1916		7/18	11/14/1916		7/21	11/14/1916		7/22	8/06/1920	
7/19	1/22/1916		7/18	1/22/1916		7/18	1/22/1916		7/19	1/22/1916		7/22	1/22/1916		7/23	12/22/1915	
7/20	12/22/1915		7/19	2/15/1909		7/19	2/15/1909		7/20	12/22/1915		7/22	12/22/1915		7/24	8/06/1908	
7/21	8/06/1908		7/20	5/01/1905		7/20	5/01/1905		7/21	8/06/1908		7/24	8/06/1908		7/25	7/25	
7/22	6/16/1908		7/21	"		7/21	"		7/22	6/16/1908		7/25	6/16/1908		7/26	6/16/1908	
7/23	10/07/1905		7/22	5/01/1904		7/22	5/01/1904		7/23	10/07/1905		7/26	10/07/1905		7/27	10/07/1905	
7/24	"		7/23	6/12/1903		7/23	6/12/1903		7/24	"		7/27	"		7/28	"	
7/25	"		7/24	5/01/1905		7/24	5/01/1905		7/25	"		7/28	"		7/29	"	
7/27	6/01/1903		7/26	6/01/1903		7/26	6/01/1903		7/27	6/01/1903		7/30	6/01/1903		7/31	6/01/1903	
7/28	3/26/1903		7/27	3/26/1903		7/27	3/26/1903		7/28	3/26/1903		7/31	3/26/1903		8/01	3/26/1903	
7/29	6/12/1903		7/28	6/12/1903		7/28	6/12/1903		7/29	6/12/1903		8/01	6/12/1903		8/02	6/12/1903	
7/30	10/07/1905		7/29	10/07/1905		7/29	10/07/1905		7/30	10/07/1905		8/02	10/07/1905		8/03	10/07/1905	
8/02	3/26/1903		8/01	3/26/1903		8/01	3/26/1903		8/02	3/26/1903		8/05	3/26/1903		8/06	3/26/1903	
8/05	4/14/1902		8/04	4/14/1902		8/04	4/14/1902		8/05	4/14/1902		8/08	4/14/1902		8/09	4/14/1902	
8/06	2/05/1902		8/05	2/05/1902		8/05	2/05/1902		8/06	2/05/1902		8/09	2/05/1902		8/10	2/05/1902	
8/07	6/01/1899		8/06	6/01/1899		8/06	6/01/1899		8/07	6/01/1899		8/10	10/11/1900		8/11	10/11/1900	
8/08	2/09/1897		8/07	2/09/1897		8/07	2/09/1897		8/08	2/09/1897		8/11	3/26/1903		8/12	3/26/1903	
8/09	7/09/1896		8/08	7/09/1896		8/08	7/09/1896		8/09	7/09/1896		8/12	"		8/13	"	
8/10	11/05/1895		8/09	11/05/1895		8/09	11/05/1895		8/10	11/05/1895		8/13	10/11/1900		8/14	10/11/1900	
8/11	6/14/1895		8/10	6/14/1895		8/10	6/14/1895		8/11	6/14/1895		8/14	"		8/15	"	

TABLE 13 (continued)

PRIORITY IN EFFECT (Date -vs- Reach)																	
IRWIN TO BLACKFOOT			GRASSY LAKE TO ST. ANTHONY			LORENZO TO WILLOW CREEK			BLW TEX CREEK TO FLYW NR UCON			BLACKFOOT TO MINIDOKA			MINIDOKA TO MILNER		
Date	Priority		Date	Priority		Date	Priority		Date	Priority		Date	Priority		Date	Priority	
8/13	7/09/1896		8/12	7/09/1896		8/13	7/09/1896		8/13	7/09/1896		8/16	3/26/1903		8/17	3/26/1903	
8/14	3/26/1903		8/13	3/26/1903		8/14	3/26/1903		8/14	3/26/1903		8/17	"		8/18	"	
8/15	10/07/1905		8/14	10/07/1905		8/15	10/07/1905		8/15	10/07/1905		8/18	10/07/1905		8/19	10/07/1905	
8/21	3/26/1903		8/20	3/26/1903		8/21	3/26/1903		8/21	3/26/1903		8/24	3/26/1903		8/25	3/26/1903	
8/23	10/11/1900		8/22	10/11/1900		8/22	10/11/1900		8/23	10/11/1900		8/26	10/11/1900		8/27	10/11/1900	
8/24	7/09/1896		8/23	7/09/1896		8/24	7/09/1896		8/24	7/09/1896		8/27	"		8/28	"	
8/25	4/15/1898		8/24	4/15/1898		8/25	4/15/1898		8/25	4/15/1898		8/28	"		8/29	"	
8/26	10/11/1900		8/25	10/11/1900		8/26	10/11/1900		8/26	10/11/1900		8/29	"		8/30	"	
8/27	7/09/1896		8/26	7/09/1896		8/27	7/09/1896		8/27	7/09/1896		8/30	3/26/1903		8/31	3/26/1903	
8/28	"		8/27	"		8/28	"		8/28	"		8/31	10/11/1900		9/01	10/11/1900	
8/30	6/14/1895		8/29	6/14/1895		8/30	6/14/1895		8/30	6/14/1895		9/02	"		9/03	"	
8/31	6/01/1895		8/30	6/01/1895		8/31	6/01/1895		8/31	6/01/1895		9/03	"		9/04	"	
9/01	6/14/1895		8/31	6/14/1895		9/01	6/14/1895		9/01	6/14/1895		9/04	"		9/05	"	
9/02	2/06/1895		9/01	2/06/1895		9/02	2/06/1895		9/02	2/06/1895		9/05	3/26/1903		9/06	3/26/1903	
9/04	3/22/1895		9/03	3/22/1895		9/04	3/22/1895		9/04	3/22/1895		9/07	"		9/08	"	
9/05	2/06/1895		9/04	2/06/1895		9/05	2/06/1895		9/05	2/06/1895		9/08	"		9/09	"	
9/07	6/01/1895		9/06	6/01/1895		9/07	6/01/1895		9/07	6/01/1895		9/10	"		9/11	"	
9/08	4/01/1896		9/07	4/01/1896		9/08	4/01/1896		9/08	4/01/1896		9/11	"		9/12	"	
9/09	2/05/1902		9/08	2/05/1902		9/09	2/05/1902		9/09	2/05/1902		9/12	10/07/1905		9/13	10/07/1905	
9/10	10/07/1905		9/09	10/07/1905		9/10	10/07/1905		9/10	10/07/1905		9/13	"		9/14	"	
9/11	3/08/1919		9/10	3/08/1919		9/11	3/08/1919		9/11	3/08/1919		9/14	6/23/1978		9/15	6/23/1978	
9/12	6/23/1978		9/11	6/23/1978		9/12	6/23/1978		9/12	6/23/1978		9/15	"		9/16	"	
9/28	3/30/1921		9/27	3/30/1921		9/28	3/30/1921		9/28	3/30/1921		10/01	3/30/1921		10/02	3/30/1921	
9/29	3/08/1919		9/28	3/08/1919		9/29	3/08/1919		9/29	3/08/1919		10/02	"		10/03	"	
9/30	"		9/29	"		9/30	"		9/30	"		10/03	4/01/1939		10/04	4/01/1939	
10/01	"		9/30	"		10/01	"		10/01	"		10/04	6/23/1978		10/05	6/23/1978	
10/02	7/29/1965		10/01	7/29/1965		10/02	7/29/1965		10/02	7/29/1965		10/05	"		10/06	"	
10/03	3/08/1919		10/02	3/08/1919		10/03	3/08/1919		10/03	3/08/1919		10/06	"		10/07	"	
10/07	7/01/1912		10/06	7/01/1912		10/07	7/01/1912		10/07	7/01/1912		10/10	7/01/1912		10/11	7/01/1912	
10/08	6/15/1909		10/07	6/15/1909		10/08	6/15/1909		10/08	6/15/1909		10/11	6/15/1909		10/12	6/15/1909	
10/11	7/01/1912		10/10	7/01/1912		10/11	7/01/1912		10/11	7/01/1912		10/14	7/01/1912		10/15	7/01/1912	
10/12	3/08/1919		10/11	3/08/1919		10/12	3/08/1919		10/12	3/08/1919		10/15	6/23/1978		10/16	6/23/1978	
10/14	6/15/1909		10/13	6/15/1909		10/14	6/15/1909		10/14	6/15/1909		10/17	6/15/1909		10/18	6/15/1909	
10/15	7/01/1912		10/14	7/01/1912		10/15	7/01/1912		10/15	7/01/1912		10/18	7/01/1912		10/19	7/01/1912	
10/16	3/08/1919		10/15	3/08/1919		10/16	3/08/1919		10/16	3/08/1919		10/19	6/23/1978		10/20	6/23/1978	
10/17	6/23/1978		10/16	6/23/1978		10/17	6/23/1978		10/17	6/23/1978		10/20	"		10/21	"	

TABLE 13 (continued)

PRIORITY IN EFFECT (DATE OF REACH)

ISLAND PARK TO ASHTON
(Same as Ashton to
abv Falls River
except as follows)ST. ANTHONY TO TETON
MOUTH
(Same as Grassy Lake
to St. Anthony except
as follows)BLW TEX CREEK TO PLAW
NR UCON
(Same as Irwin to
Blackfoot
thru June 16)WILLOW CREEK TO
BLACKFOOT *NR BLACKFOOT TO NEELY
(Follows Blackfoot to
Mudoka reach thru Sept.
Exceptions are as follows)

Date	Priority	Date	Priority	Date	Priority	Date	Priority	
4/28 to 5/02	3/14/1935	7/19	12/22/1915	6/17 to 7/12	5/01/1888	*	9/14	3/08/1909
5/06 to 5/15	3/14/1935	7/20	8/06/1908	7/13 to 7/25	4/01/1885		10/02	3/30/1921
5/18 to 5/27	3/14/1935	7/21	6/16/1908	7/26 to 8/15	4/01/1884		10/03	3/08/1909
6/18	7/29/1965	7/22	10/07/1905	8/16 to 8/22	4/01/1885		10/04	"
6/20	"	7/23	"	8/23 to 8/24	4/01/1884		10/05	7/29/1965
7/12	11/01/1915	7/24	"	8/25 to 8/26	4/01/1885		10/06 to 10/09	3/08/1919
7/15	"	8/05	6/01/1900	8/27 to 9/11	4/01/1884		10/15	"
7/18	"	8/06	4/01/1898	9/12 to 10/05	4/01/1885		10/16	"
9/12	7/29/1965	8/13	10/01/1889	10/06	4/01/1884		10/19	"
				10/17 to 10/08	4/01/1885			
				10/09 to 10/10	5/01/1888			
				10/11 to 10/12	4/01/1885			
				10/13	4/01/1884			
				10/14 to 10/20	4/01/1885			
				10/21 to 10/22	4/01/1884			
				10/23 to 10/28	4/01/1885			

* The Willow Creek to Blackfoot reach is identical to the Irwin to Blackfoot reach, except that there is a one day time lag. For example: if the Irwin to Willow Creek is on 10/11/1900 rights on August 23rd, and 7/09/1896 rights on August 24th; the 10/11/1900 rights are in effect for the Willow Creek to Blackfoot reach on August 24th and the 7/09/1896 rights are in effect on August 25th.

WATER DISTRICT FUNDS

The cost of operating Water District 1 are shared by all water users within the district on the basis of the individual use of water. In the past, assessments were made at the end of each irrigation season which meant the water district had to operate on borrowed money for a period of time each year. While this simplifies the billing process somewhat, it results in unnecessary interest costs, complicates the collection of the past due accounts, is confusing for those billed through the assessor's office of certain counties and most important does not follow the billing process dictated by state law.

In 1978, the decision was made to modify the water district billing procedures to make them conform more closely to the Idaho Code.

The first step in this change was to bill water users at the start of the irrigation season for estimated water deliveries. Because the first year was considered to be a transition period, this billing was made in April of 1978, but did not become due until November 1, 1978. However, due to water users early response the water district was able to limit its interest costs for 1978 to \$27.33.

The 1978 billing was based upon estimated costs of \$139,675 for a projected delivery of 3,718,751 twenty-four-hour second-feet of water (7,376,035 acre-feet). The actual costs were later found to be \$137,248.78 for delivering 7,530,400 acre-feet of water. Adjustments to correct this difference will be made on the 1979 billing.

March, 1978 to March, 1979

<u>HYDROGRAPHERS</u>	<u>BUDGETED</u>	<u>SPENT</u>	<u>CARRY-OVER</u>
Teton Basin	\$ 3,375.00	\$ 2,570.55	
Idaho Falls	3,600.00	3,826.04	
Lower Valley	3,200.00	1,622.60	
Henrys Fork	4,125.00	5,011.70	
Falls River	5,250.00	2,795.01	
Teton River	4,550.00	2,959.42	
	\$ 24,100.00	\$ 18,785.32	
 <u>RIVER RIDERS</u>			
Beise Division	\$ 2,000.00	\$ 1,296.51	
Rigby Division	2,000.00	1,254.22	
Blackfoot Division	2,000.00	1,268.32	
Swan Valley	2,000.00	687.01	
Upper Fall River	720.00	281.85	
South Leigh	1,000.00	0	
Willow Creek	2,500.00	2,348.75	
	\$ 12,220.00	\$ 7,136.66	
 <u>MISCELLANEOUS</u>			
Transportation	\$ 10,000.00	\$ 9,408.12	
Hydrographer Exp.	0	286.44	
Social Security	4,736.00	4,670.97	
State Insurance	1,000.00	2,507.23	
Unemployment Tax	0	1,161.89	
Part-time Help	2,000.00	4,918.47	\$ 30.00
 <u>UNDER WD-IDWR CONTRACT</u>	\$ 21,660.00	\$ 25,833.50	
Stamps, computer, printing, telephone supplies, water- master social security, fringe benefits			
 <u>INTEREST ON LOAN</u>	\$ 1,500.00	\$ 27.33	
 <u>WATERMASTER & STAFF</u>	\$ 40,953.00	40,901.10	28,680.00
 <u>GROUNDWATER INVESTIGATIONS</u>	\$ 2,250.00	\$ 2,210.00	
 <u>STREAMGAGING</u>	\$ 17,256.00	\$ 19,295.00	
 <u>COMMITTEE OF NINE</u>	\$ 2,000.00	\$ 2,356.75	
	\$139,675.00	\$139,498.78	\$28,710.00

Cash Receipts

Cash Receipts (11/01/77 - 3/01/78)	\$139,827.27	
Adjustment of rental payment	-250.00	
	<u>139,577.27</u>	
Disbursements (11/01/77 - 3/01/78)	136,940.55	
Bank balance as of 3/14/78	<u>\$ 2,636.72</u>	
Payable to 1977 water delivery	5,675.19	
1978 water delivery	<u>124,327.55</u>	\$130,002.74
Payable to 1977 rental water	133.33	
1978 rental water	<u>5,200.50</u>	5,333.83
Payable to 1977 American Falls studies	65.34	
1978 American Falls studies	<u>2,233.83</u>	2,299.17
Interest on certificates of deposit		794.32
Reimbursable services from USBR		3,675.40
Sale of gages		9.10
Bonneville County Payments (77 & 78)		4,167.33
Certificates deposited		<u>35,000.00</u>
Receipts deposited		<u>\$181,281.89</u>
Total income		
Balance on 3/14/78		\$ 2,636.72
Special Bureau Project income		1,987.95
Loan		7,000.00
Deposits		<u>181,281.89</u>
		\$192,906.56
Funds paid direct from water district (includes loan, expenses, rental payments, direct cost charge)		<u>179,590.68</u>
Bank balance as of 2/28/79		<u>\$ 13,315.88</u>

OUTSTANDING ACCOUNTS

1976 Accounts	\$ 11.04
1977 Accounts	429.63
1977 Rentals	87.50
1978 Accounts	13,113.62
Bonn. Cty.	<u>1,324.41</u>
	\$14,966.20

APPENDIX

TABLE 1
DISCHARGE IN CUBIC FEET PER SECOND

DISCHARGE IN CUBIC FEET PER SECOND																			
MONTH OF MARCH		DAY (MILWAUKEE TIME)																	
STATION		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
SNAKE R. NR MURAN	NATURAL	523	631	1014	1099	1100	937	489	355	328	384	422	418	389	387	358	327	295	278
	OBSERVED	171	171	171	171	171	171	237	401	397	393	389	388	387	383	378	375	372	425
	REM NAT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	STORED	171	171	171	171	171	171	237	401	397	393	389	388	387	383	378	375	372	425
SNAKE R. NR IRWIN	NATURAL	2149	2322	2749	2840	2793	2580	2070	1904	1940	2020	2103	2110	2050	1963	1851	1759	1756	1824
	OBSERVED	1550	1560	1560	2030	2060	2060	2040	2050	2040	2050	2040	2040	2030	2030	2030	2030	2420	2410
	REM NAT	1627	1691	1735	1742	1694	1643	1581	1549	1612	1636	1681	1692	1661	1576	1494	1433	1461	1546
	STORED	-77	-131	-175	289	367	417	459	501	428	414	359	348	369	454	536	598	959	864
SNAKE R. NR HEISE	NATURAL	2657	2830	3257	3288	3226	2995	2472	2352	2395	2485	2568	2575	2513	2425	2321	2234	2171	2221
	OBSERVED	2060	2070	2080	2300	2510	2500	2490	2500	2520	2530	2490	2490	2500	2510	2510	2500	2650	2820
	REM NAT	2134	2199	2243	2189	2126	2058	1984	1997	2067	2101	2146	2157	2124	2039	1964	1908	1876	1943
	STORED	-74	-129	-183	111	384	442	506	503	453	429	344	333	376	472	546	593	774	877
HENRYS FORK NR LAKE	NATURAL	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	82	82	82
	OBSERVED	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19
	REM NAT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	STORED	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19
HENRYS FORK NR ISLAND PARK	NATURAL	324	325	352	396	457	458	424	398	370	392	425	451	443	421	422	407	373	406
	OBSERVED	149	152	156	159	224	255	252	252	247	242	251	252	252	252	252	248	248	248
	REM NAT	255	256	283	327	388	389	355	328	309	323	356	382	374	351	352	325	291	324
	STORED	-106	-104	-127	-168	-164	-134	-103	-76	-62	-81	-105	-130	-122	-99	-100	-77	-43	-76
HENRYS FORK NR ASHTON	NATURAL	1025	1022	1054	1103	1167	1165	1125	1094	1082	1121	1175	1207	1186	1159	1153	1144	1117	1146
	OBSERVED	851	863	853	877	938	952	927	953	1020	1010	1010	976	973	1000	986	992	1000	980
	REM NAT	105	90	132	157	160	143	129	72	0	42	96	162	144	89	98	70	35	84
	STORED	-105	-90	-132	-157	-160	-143	-129	-72	0	-42	-96	-162	-144	-89	-98	-70	-35	-84
GRASSY LAKE OUIFLOW	NATURAL	6	8	6	8	8	4	3	1	3	5	8	8	8	8	8	8	8	9
	OBSERVED	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	REM NAT	6	8	6	8	8	4	3	1	3	5	8	8	8	8	8	8	8	9
	STORED	-6	-8	-6	-8	-8	-4	-3	-1	-3	-5	-8	-8	-8	-8	-8	-8	-8	-9
FALLS R. NR SQUIRREL	NATURAL	298	310	297	300	299	292	290	299	323	335	327	311	313	321	324	319	321	318
	OBSERVED	292	302	291	292	291	288	287	298	320	330	319	303	305	313	316	311	313	309
	REM NAT	298	310	297	300	299	292	290	299	323	335	327	311	313	321	324	319	321	318
	STORED	-6	-8	-6	-8	-8	-4	-3	-1	-3	-5	-8	-8	-8	-8	-8	-8	-8	-9
FALLS R. NR CHESTER	NATURAL	355	373	358	361	359	349	348	349	364	378	377	363	362	367	377	374	378	382
	OBSERVED	349	365	352	353	351	345	345	348	361	373	369	355	354	359	369	366	370	373
	REM NAT	355	373	358	361	359	349	348	349	364	378	377	363	362	367	377	374	378	382
	STORED	-6	-8	-6	-8	-8	-4	-3	-1	-3	-5	-8	-8	-8	-8	-8	-8	-8	-9
HENRYS FORK AT ST ANTHONY	NATURAL	1249	1287	1308	1360	1416	1403	1361	1321	1312	1360	1408	1429	1410	1384	1384	1365	1337	1364
	OBSERVED	1100	1130	1100	1120	1170	1190	1160	1150	1220	1250	1250	1190	1190	1210	1210	1190	1200	1180
	REM NAT	1174	1218	1239	1291	1348	1344	1291	1252	1251	1291	1339	1359	1341	1314	1315	1283	1255	1282
	STORED	-79	-88	-139	-171	-178	-144	-131	-102	-31	-41	-89	-169	-161	-104	-105	-93	-55	-102

TABLE 1 (continued)

MONTH OF MARCH											DISCHARGE IN CUBIC FEET PER SECOND											RUN DATE 02/23/79		
											DAY (MILNER TIME)													
STATION		19	20	21	22	23	24	25	26	27	28	29	30	31	CFS DAYS 1-15	CFS DAYS 16-31	TOTALS AC-FT							
SHAKE R. NR MURAN	NATURAL	311	316	323	317	259	260	259	258	287	286	368	369	395	8834	4908	27257							
	OBSERVED	510	508	506	505	505	505	505	505	505	505	505	505	504	4379	7745	24047							
	REM NAT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0							
	STORED	510	508	506	505	505	505	505	505	505	505	505	505	504	4379	7745	24047							
SHAKE R. NR IRWIN	NATURAL	2208	2273	2244	2217	1923	2020	2108	2236	2396	2516	2704	2801	2915	33444	35900	137543							
	OBSERVED	2410	2400	2410	2410	2410	2410	2390	2390	2400	2400	2400	2400	3330	29170	39020	135254							
	REM NAT	1897	1956	1920	1900	1664	1760	1848	1978	2109	2231	2336	2432	2520	24614	30991	110292							
	STORED	513	444	490	510	746	650	542	412	291	169	64	-32	810	4558	8030	24968							
SHAKE R. NR HEISE	NATURAL	2583	2628	2631	2592	2298	2397	2505	2661	2841	2989	3184	3281	3310	40359	42526	164402							
	OBSERVED	2800	2790	2770	2770	2800	2810	2830	2860	2870	2910	2870	2870	3460	36040	45380	161496							
	REM NAT	2272	2311	2308	2275	2039	2138	2246	2403	2554	2703	2816	2912	2915	31528	37619	137153							
	STORED	528	479	462	495	761	672	584	457	316	207	54	-42	545	4513	7762	24347							
HENRYS FORK NR LAKE	NATURAL	82	82	82	82	95	82	82	95	82	82	95	82	83	1035	1352	4734							
	OBSERVED	19	19	19	19	19	19	19	19	19	19	19	20	23	285	309	1178							
	REM NAT	0	0	0	0	0	0	0	0	0	0	4	0	23	8	4	23							
	STORED	19	19	19	19	19	19	19	19	19	19	15	20	23	277	305	1154							
HENRYS FORK NR ISLAND PARK	NATURAL	413	412	437	411	398	387	389	366	377	369	383	371	397	6058	6326	24563							
	OBSERVED	244	244	244	245	248	251	253	255	256	255	255	259	255	5028	4980	14588							
	REM NAT	331	330	355	329	304	305	307	301	295	287	293	289	314	5028	4980	14588							
	STORED	-87	-86	-111	-84	-56	-54	-54	-46	-39	-32	-38	-30	-59	-1681	-972	-5262							
HENRYS FORK NR ASHTON	NATURAL	1153	1149	1171	1149	1144	1142	1156	1179	1173	1185	1220	1215	1246	16838	18689	70467							
	OBSERVED	975	976	985	993	1010	1020	1040	1070	1070	1100	1130	1100	1090	14189	16531	60133							
	REM NAT	96	91	104	74	40	40	34	15	21	3	0	32	73	1619	812	4821							
	STORED	-96	-91	-104	-74	-40	-40	-34	-15	-21	-3	0	-32	-73	-1619	-812	-4821							
GRASSY LAKE	NATURAL	8	9	8	6	7	6	6	6	7	6	6	6	6	92	112	404							
	OBSERVED	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0							
	REM NAT	8	9	8	6	7	6	6	6	7	6	6	6	6	92	112	404							
	STORED	-8	-9	-8	-6	-7	-6	-6	-6	-7	-6	-6	-6	-6	-92	-112	-404							
FALLS R. NR SQUIKREL	NATURAL	311	309	308	306	307	316	326	331	347	361	376	366	366	4639	5288	19690							
	OBSERVED	303	300	300	300	300	310	320	325	340	355	370	360	360	4547	5176	19285							
	REM NAT	311	309	308	306	307	316	326	331	347	361	376	366	366	4639	5288	19690							
	STORED	-8	-9	-8	-6	-7	-6	-6	-6	-7	-6	-6	-6	-6	-92	-112	-404							
FALLS R. NR CHESTER	NATURAL	377	370	366	367	372	360	399	411	430	448	469	459	454	5440	6436	23556							
	OBSERVED	369	361	358	361	365	374	393	405	423	442	463	453	448	5348	6324	23151							
	REM NAT	377	370	366	367	372	360	399	411	430	448	469	459	454	5440	6436	23556							
	STORED	-8	-9	-8	-6	-7	-6	-6	-6	-7	-6	-6	-6	-6	-92	-112	-404							
HENRYS FORK AT ST ANTHONY	NATURAL	1360	1345	1359	1334	1319	1308	1324	1344	1362	1400	1464	1461	1482	20394	21928	83945							
	OBSERVED	1180	1150	1160	1160	1150	1140	1180	1220	1290	1320	1370	1350	1310	17630	19550	73746							
	REM NAT	1278	1263	1277	1252	1224	1226	1241	1249	1280	1318	1374	1379	1398	19362	20579	79222							
	STORED	-98	-113	-117	-92	-74	-80	-61	-29	10	2	-4	-29	-88	-1732	-1029	-5476							

UNDE DATA AFFECTED BY ROUNDING

SOME DATA AFFECTED BY ROUNDING

MONTH OF MARCH

DISCHARGE IN CUBIC FEET PER SECOND

TABLE 2

RUN DATE 02/23/79

STATION	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
DAY (MILNER TIME)																		
TETON R. NR NATURAL	333	347	340	340	338	333	338	330	335	357	362	373	370	366	379	385	379	384
ST ANTHONY OBSERVED	333	347	340	340	338	333	338	330	335	357	362	373	370	366	379	385	379	384
REM NAT	333	347	340	340	338	333	338	330	335	357	362	373	370	366	379	385	379	384
STORED	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HENRY'S FORK NATURAL	1433	1489	1503	1553	1604	1581	1536	1494	1491	1570	1624	1650	1632	1610	1634	1620	1584	1609
NR PEXBURG OBSERVED	1300	1310	1290	1320	1360	1340	1320	1360	1410	1460	1440	1420	1420	1460	1460	1430	1440	1420
REM NAT	1364	1419	1433	1483	1535	1512	1467	1425	1429	1500	1555	1580	1563	1540	1564	1538	1502	1527
STORED	-64	-109	-143	-163	-175	-172	-147	-65	-19	-40	-115	-160	-143	-80	-104	-108	-62	-107
WILLOW CR NATURAL	50	46	45	43	43	44	40	43	45	46	48	49	49	49	53	55	65	63
NR RIRIE OBSERVED	101	100	100	99	100	100	100	99	98	99	98	97	86	49	36	35	33	33
REM NAT	50	46	45	43	43	44	40	43	45	46	48	49	49	49	53	55	65	63
STORED	51	54	55	56	58	56	60	56	53	53	50	48	37	0	-17	-20	-32	-30
SNAKE R. NR NATURAL	3387	3602	4035	4108	4085	3840	3276	3136	3195	3368	3508	3536	3457	3354	3288	3192	3112	3170
BLACKFOOT OBSERVED	2610	2590	2580	2830	3070	3080	3070	3150	3200	3240	3190	3160	3190	3250	3270	3210	3400	3460
REM NAT	1295	1401	1451	1440	1416	1334	1218	1212	1306	1415	1517	1549	1498	1398	1361	1283	1235	1310
STORED	-185	-311	-371	-110	154	247	352	438	394	325	173	131	192	352	409	427	665	650
SNAKE R. NR NATURAL	3095	3319	3767	3866	3830	3575	3001	2818	2890	3061	3193	3236	3159	3076	3021	2937	2870	2930
BLACKFOOT OBSERVED	2330	2310	2350	2650	2740	2760	2800	2800	2920	2910	2890	2890	2920	3000	3010	2970	3180	3220
REM NAT	2503	2619	2684	2698	2661	2569	2443	2394	2501	2608	2702	2749	2701	2620	2594	2528	2493	2570
STORED	-173	-309	-334	-48	79	192	357	406	419	302	188	141	219	380	416	442	687	650
SNAKE R. AT NATURAL	5556	6051	6456	6580	6421	6208	5517	5216	5311	5659	5978	6052	6003	5950	5898	5801	5693	5697
NEELEY OBSERVED	2410	5100	5340	2410	2390	2390	2390	2410	2410	2440	2640	2750	2750	2840	2810	2780	2810	2830
REM NAT	0	0	0	1082	1005	376	0	0	0	0	0	0	0	0	0	0	0	0
STORED	0	0	0	-1082	-1005	-376	0	0	0	0	0	0	0	0	0	0	0	0
SNAKE R. NR NATURAL	5783	5558	5324	5338	5266	5693	5604	5481	5548	5877	6102	6144	6084	6009	6038	5989	5878	5985
MINIDOKA OBSERVED	2130	2130	2210	2250	2240	2250	2270	2250	2260	2120	2300	2300	2340	2370	2740	2500	2380	2380
REM NAT	507	2477	1998	0	0	0	207	425	387	538	464	542	491	529	250	468	615	737
STORED	-507	-2477	-1998	0	0	0	-207	-425	-387	-538	-464	-542	-491	-529	-210	-468	-615	-737
SNAKE R. AT NATURAL	5960	5755	5512	5486	5388	5765	5682	5573	5645	6015	6224	6244	6169	6069	6091	6084	6023	6180
MILNER OBSERVED	2310	2360	2310	2330	2320	2390	2390	2390	2360	2310	2360	2350	2380	2460	2770	2720	2620	2670
REM NAT	2814	4805	4396	2398	2363	2323	2554	2767	2744	2796	2867	2942	2916	2959	3003	3063	3140	3312
STORED	-504	-2445	-2086	-68	-43	-43	-164	-377	-384	-486	-527	-592	-536	-499	-233	-343	-520	-642

SOME DATA AFFECTED BY ROUNDING

Page 1 of 2

TABLE 2 (continued)

MONTH OF MARCH		DISCHARGE IN CUBIC FEET PER SECOND																											RUN DATE 02/23/79					
STATION		DAY (MILNER TIME)																											CFS DAYS		CFS DAYS		TOTALS	
																													1-15		16-31		AC FT	
TETON R. NR ST ANTHONY	NATURAL	372	359	344	342	351	363	400	451	474	502	541	608	594	5241	6849	23980																	
	OBSERVED	372	359	344	342	351	363	400	451	474	502	541	608	594	5241	6849	23980																	
	REM NAT	372	359	344	342	351	363	400	451	474	502	541	608	594	5241	6849	23980																	
HENRYS FURK NR REXBURG	NATURAL	1545	1558	1556	1519	1511	1514	1562	1636	1671	1728	1818	1858	1854	23404	26183	98355																	
	OBSERVED	1390	1370	1360	1320	1330	1370	1420	1500	1570	1650	1700	1690	1670	20670	23630	87869																	
	REM NAT	1503	1470	1474	1437	1416	1432	1480	1542	1589	1646	1728	1776	1771	22369	24837	93633																	
WILLOW CR NR RIRIE	NATURAL	60	56	46	48	55	66	76	91	96	112	127	132	144	693	1292	3937																	
	OBSERVED	33	33	33	33	33	33	32	32	28	24	26	26	62	1362	529	3750																	
	REM NAT	60	56	46	48	55	66	76	91	96	112	127	132	144	693	1292	3937																	
SNAKE R. NR SHELLEY	NATURAL	3493	3497	3475	3416	3121	3237	3398	3630	3841	4044	4322	4440	4446	53175	57834	220186																	
	OBSERVED	3440	3400	3390	3370	3380	3430	3490	3590	3650	3740	3720	3700	4210	45500	56580	202475																	
	REM NAT	1600	1599	1570	1517	1268	1395	1557	1777	1972	2176	2364	2489	2467	20811	27579	95981																	
SNAKE R. NR BLACKFOOT	NATURAL	3255	3265	3238	3186	2909	3037	3225	3472	3703	3911	4189	4350	4441	48907	54918	205936																	
	OBSERVED	3190	3180	3150	3160	3200	3260	3360	3440	3550	3590	3590	3720	4450	41280	54210	189404																	
	REM NAT	2862	2866	2832	2787	2555	2695	2884	3120	3335	3543	3731	3899	3962	39046	48662	173968																	
SNAKE R. AT NEELEVE	NATURAL	6020	6037	6019	5979	5713	6023	6058	6132	6505	6485	7201	7402	7682	88856	100847	376275																	
	OBSERVED	2830	2870	2870	2850	2900	2910	2930	2930	2960	3440	3910	4030	4980	43480	50830	187063																	
	REM NAT	0	0	0	0	0	0	0	0	0	0	0	0	0	2463	0	4885																	
SNAKE R. NR MINIDOKA	NATURAL	6254	6127	6030	5993	5787	6049	6070	6195	6527	6630	7051	7079	7133	85849	100977	370569																	
	OBSERVED	2380	2400	2400	2410	2580	2690	2740	2690	2690	2910	3000	2970	3010	34160	42130	151321																	
	REM NAT	684	560	481	454	394	246	243	304	292	685	1060	1007	1731	8815	9961	37242																	
SNAKE R. AT MILNER	NATURAL	6494	6137	6218	6146	5897	6126	6110	6203	6442	6562	6576	6421	6333	87578	100152	372362																	
	OBSERVED	2590	2500	2550	2560	2620	2660	2740	2710	2360	2150	2170	2260	2110	35680	39990	150091																	
	REM NAT	3304	3169	3069	3016	3084	3013	2983	3001	2897	3117	3285	3049	3631	44667	50133	188035																	
	NATURAL	714	669	619	456	464	353	243	291	537	967	1115	789	1521	8987	10143	37944																	
	OBSERVED																																	
	REM NAT																																	

SOME DATA AFFECTED BY ROUNDING

TABLE 3

DISCHARGE IN CUBIC FEET PER SECOND

RUN DATE 02/23/79

MONTH OF APRIL

STATION	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
	DAY (WILDER TIME)																	
Snake R. NR NATURAL MORAN	427	374	405	409	410	495	604	576	658	683	628	682	738	658	659	715	660	715
REMOVED	522	619	629	629	629	633	631	629	628	627	628	630	632	634	633	632	634	634
STORED	522	619	629	629	629	633	631	629	628	627	628	630	632	634	633	632	634	634
Snake R. NR NATURAL IRWIN	3079	3228	3540	4014	4729	5553	6075	6113	5878	5465	5303	5639	6236	6795	7389	7803	7790	7707
REMOVED	4100	5760	5790	5820	5630	4890	4850	4850	4850	5070	5080	5100	5100	5080	6060	6130	6120	6110
STORED	2652	2854	3136	3604	4320	5057	5471	5536	5220	4782	4675	4957	5498	6138	6730	7088	7130	6992
	1448	2906	2655	2216	1310	-187	-621	-686	-370	288	405	143	-398	-1058	-670	-958	-1010	-882
Snake R. NR NATURAL HEISE	3416	3478	3888	4584	5574	6705	7225	7200	6803	6203	6026	6389	7036	7683	8256	8718	8727	8645
REMOVED	4380	5880	6650	6840	7010	6240	5700	5620	5580	5670	5870	5980	6030	6030	6770	7200	7140	7060
STORED	2989	3104	3483	4174	5165	6210	6621	6624	6145	5520	5398	5707	6298	7025	7598	8003	8068	7930
	1391	2776	3167	2666	1845	30	-921	-1004	-565	150	472	273	-268	-995	-828	-803	-928	-870
Henrys Fork NR LAKE	88	91	91	90	98	82	94	107	93	93	92	78	77	89	78	90	91	79
REMOVED	37	33	19	19	19	18	18	18	16	16	14	14	13	14	17	15	14	16
STORED	37	33	19	19	11	-64	-76	-89	-77	-77	-78	-64	-64	-75	-61	-75	-77	-63
Henrys Fork NR ISLAND PARK	423	441	450	451	465	445	486	509	533	569	611	661	608	623	632	614	629	607
REMOVED	255	257	259	259	259	263	267	267	263	263	364	442	442	443	451	497	539	547
STORED	335	350	359	361	375	445	486	509	533	569	611	661	608	623	632	614	629	607
	-80	-93	-100	-102	-116	-182	-221	-242	-270	-306	-247	-219	-166	-181	-181	-117	-90	-60
Henrys Fork NR ASHTON	1277	1300	1334	1371	1427	1480	1577	1626	1654	1662	1677	1738	1743	1820	1900	1963	2019	2016
REMOVED	1120	1150	1200	1240	1290	1450	1430	1350	1310	1340	1420	1570	1720	1770	1790	1950	1980	1950
STORED	69	58	43	41	47	30	147	276	344	322	257	168	23	50	110	13	39	66
	-69	-58	-43	-41	-47	-30	-147	-276	-344	-322	-257	-168	-23	-50	-110	-13	-39	-66
Grassy Lake OUTFLOW	6	6	6	6	5	4	5	6	9	11	13	12	11	13	11	15	14	11
REMOVED	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
STORED	6	6	6	6	5	4	5	6	9	11	13	12	11	13	11	15	14	11
	-6	-6	-6	-6	-5	-4	-5	-6	-9	-11	-13	-12	-11	-13	-11	-15	-14	-11
Falls R. NR NATURAL SQUIRREL	381	406	441	486	555	634	665	586	539	531	498	532	621	703	711	745	764	741
REMOVED	375	400	435	480	550	630	660	580	539	520	485	520	610	690	700	730	750	730
STORED	381	406	441	486	555	634	665	586	539	531	498	532	621	703	711	745	764	741
	-6	-6	-6	-6	-5	-4	-5	-6	-9	-11	-13	-12	-11	-13	-11	-15	-14	-11
Falls R. NR NATURAL CHESTER	475	507	550	610	690	847	889	787	721	703	660	694	823	930	943	989	1009	979
REMOVED	469	501	544	604	685	843	884	781	712	692	647	686	812	917	932	974	995	968
STORED	475	507	550	610	690	847	889	787	721	703	660	694	823	930	943	989	1009	979
	-6	-6	-6	-6	-5	-4	-5	-6	-9	-11	-13	-12	-11	-13	-11	-15	-14	-11
Henrys Fork AT ST ANTHONY	1524	1567	1616	1689	1808	1997	2132	2089	2059	2073	2059	2147	2275	2449	2537	2636	2694	2638
REMOVED	1330	1380	1430	1520	1650	1940	1980	1850	1730	1770	1790	1930	2230	2390	2420	2560	2600	2530
STORED	1436	1475	1525	1599	1718	1997	2132	2089	2059	2073	2059	2147	2275	2449	2537	2636	2694	2638
	-106	-95	-95	-79	-68	-57	-152	-239	-329	-303	-269	-217	-45	-59	-117	-76	-94	-108

SOME DATA AFFECTED BY ROUNDING

TABLE 3 (continued)

MONTH OF APRIL		DISCHARGE IN CUBIC FEET PER SECOND											RUN DATE 02/23/79				
STATION		DAY (MULTIPLY TIME)											CFS DAYS	CFS DAYS	TOTALS		
		19	20	21	22	23	24	25	26	27	28	29	30	31	1-15	16-31	AC FT
SNARE R. NR	NATURAL	742	742	743	797	827	830	914	889	864	836	727	672	0	8406	11673	39826
YOUNG	OBSERVED	634	633	634	633	749	864	864	863	863	863	862	865	0	9333	11227	40780
	REM NAT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	STORED	634	633	634	633	749	864	864	863	863	863	862	865	0	9333	11227	40780
SNARE R. NR	NATURAL	7496	7326	1177	7040	6864	6559	6662	6644	6616	7665	6279	6735	0	79036	106363	367738
IRWIN	OBSERVED	6110	7050	7130	7130	8030	8130	8150	8130	8120	8120	8110	8120	0	78030	110690	374326
	REM NAT	6755	6584	6433	6243	6037	5729	5749	5754	5752	6829	5552	6063	0	70630	94690	327912
	STORED	-645	466	697	887	1993	2401	2401	2376	2368	1291	2558	2057	0	7401	16000	46415
SNARE R. NR	NATURAL	8489	8236	8099	7980	7767	7556	7685	7699	7756	8797	7401	7902	0	90466	121457	420349
HEISE	OBSERVED	7040	7190	8200	8150	8810	9250	9320	9280	9240	9210	9240	9450	0	90250	126380	429685
	REM NAT	7747	7494	7356	7183	6939	6727	6771	6809	6842	7962	6675	7230	0	82061	109786	380528
	STORED	-707	296	844	967	1871	2523	2549	2471	2348	1248	2565	2220	0	8189	16594	49157
HENRY'S FORK	NATURAL	90	77	75	74	73	73	72	85	73	73	73	73	0	1341	1171	4982
NR LAKE	OBSERVED	14	10	9	9	11	9	8	10	12	11	8	8	0	285	164	890
	REM NAT	90	77	75	74	73	73	72	85	73	73	73	73	0	891	1171	4089
	STORED	-76	-67	-66	-65	-62	-64	-64	-75	-61	-62	-65	-65	0	-606	-1007	-3199
HENRY'S FORK	NATURAL	555	530	565	661	707	739	738	685	684	681	700	703	0	7907	9798	35117
NR ISLAND	OBSERVED	547	556	568	578	589	612	636	636	636	636	641	646	0	4752	8864	27007
PARK	REM NAT	555	530	565	661	707	739	738	685	684	681	700	703	0	7457	9798	34225
	STORED	-8	26	3	-83	-118	-127	-102	-49	-48	-45	-59	-57	0	-2705	-934	-7217
HENRY'S FORK	NATURAL	1955	1903	1935	2034	2074	2089	2067	2032	2072	2073	2076	2058	0	23586	30366	107013
NR ASHTON	OBSERVED	1850	1900	2000	1990	1870	1890	1980	2120	2080	1930	1920	2050	0	21150	29460	100384
	REM NAT	105	3	0	44	204	199	87	0	0	143	156	8	0	1985	1067	6053
	STORED	-105	-3	65	-44	-204	-199	-87	88	8	-143	-156	-8	0	-1985	-906	-5734
GRASSY LAKE	NATURAL	13	9	11	13	12	12	12	13	12	12	13	11	0	124	183	608
OUTFLOW	OBSERVED	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	REM NAT	13	9	11	13	12	12	12	13	12	12	13	11	0	124	183	608
	STORED	-13	-9	-11	-13	-12	-12	-12	-13	-12	-12	-13	-11	0	-124	-183	-608
FALLS R. NR	NATURAL	693	669	701	673	666	658	691	463	712	672	660	731	0	8289	10241	36754
SQUIRREL	OBSERVED	680	660	690	660	656	646	679	450	700	660	647	720	0	8165	10058	36145
	REM NAT	693	669	701	673	668	658	691	463	712	672	660	731	0	8289	10241	36754
	STORED	-13	-9	-11	-13	-12	-12	-12	-13	-12	-12	-13	-11	0	-124	-183	-608
FALLS R. NR	NATURAL	922	893	927	911	827	812	845	946	887	827	802	883	0	10833	13459	48183
CHESTER	OBSERVED	909	884	916	898	815	800	833	933	875	815	789	872	0	10709	13276	47574
	REM NAT	922	893	927	911	827	812	845	946	887	827	802	883	0	10833	13459	48183
	STORED	-13	-9	-11	-13	-12	-12	-12	-13	-12	-12	-13	-11	0	-124	-183	-608
HENRY'S FORK	NATURAL	2505	2414	2473	2555	2494	2487	2455	2472	2421	2343	2312	2361	0	30021	37259	133449
AT ST	OBSERVED	2400	2380	2510	2500	2270	2220	2260	2470	2410	2200	2120	2280	0	27340	35710	125059
ANTHONY	REM NAT	2505	2414	2473	2555	2494	2487	2455	2472	2421	2343	2312	2361	0	29570	37259	132555
	STORED	-105	-34	38	-55	-228	-262	-195	-2	-11	-143	-192	-81	0	-2230	-1548	-7493
SOME DATA AFFECTED BY ROUNDING																	

SOME DATA AFFECTED BY ROUNDING

MONTH OF APRIL

DISCHARGE IN CUBIC FEET PER SECOND

TABLE 4

RUN DATE 02/23/79

STATION	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
	DAY (MILNER TIME)																	
TETON R. NR NATURAL	640	718	789	984	1270	1740	1620	1070	780	815	687	711	919	884	802	768	802	768
ST ANTHONY OBSERVED	640	718	789	984	1270	1740	1620	1070	780	815	687	711	919	884	802	768	802	768
REM NAT	640	718	789	984	1270	1740	1620	1070	780	815	687	711	919	884	802	768	802	768
STORED	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HENRY'S FORK NATURAL	1936	2052	2187	2458	2853	3467	3321	2684	2386	2512	2488	2698	3003	3118	3090	3076	3144	3051
NR HEXMURG OBSERVED	1770	1870	2010	2280	2680	3120	2950	2520	2330	2320	2300	2630	2840	2910	2910	3000	3000	2920
REM NAT	1848	1961	2096	2368	2763	3467	3321	2684	2386	2512	2488	2698	3003	3118	3090	3076	3144	3051
STORED	-78	-91	-86	-88	-83	-347	-371	-164	-56	-192	-188	-68	-163	-208	-180	-76	-144	-131
WILLOW CR NATURAL	193	208	235	275	297	385	471	503	508	446	386	408	433	574	647	696	747	707
NR KIRIE OBSERVED	75	64	78	87	88	90	91	91	80	59	52	43	43	43	43	44	46	46
REM NAT	193	208	235	275	297	385	471	503	508	446	386	408	433	574	647	696	747	707
STORED	-118	-144	-157	-168	-209	-295	-380	-412	-428	-387	-334	-365	-390	-531	-604	-652	-701	-661
SNAKE R. NR NATURAL	4620	4735	5192	6114	7464	9249	9772	9232	8669	8281	8109	8717	9652	10499	11033	11427	11486	11225
SHSLEY OBSERVED	5080	6590	7340	7860	8390	8010	7580	7240	7120	7230	7460	7760	7910	7960	8630	8940	8900	8820
REM NAT	2605	2770	3196	4115	5464	7254	7668	7156	6511	6098	5981	6535	7414	8341	8874	9212	9326	9010
STORED	975	2320	2644	2245	1426	-744	-1588	-1416	-891	-368	-21	-275	-1004	-1881	-1744	-1772	-1926	-1690
SNAKE R. NR NATURAL	4740	4880	5297	6162	7346	8999	9427	8780	8222	7948	7907	8572	9497	10359	10861	11212	11261	10913
BLACKFOOT OBSERVED	5430	6560	7200	7870	8080	7450	7060	6820	6830	7130	7460	7570	7580	7920	8500	8580	8530	8430
REM NAT	4225	4415	4801	5662	6847	8504	8823	8204	7564	7265	7279	7890	8759	9701	10202	10497	10601	10198
STORED	1205	2145	2399	2208	1233	-1054	-1763	-1384	-734	-135	181	-320	-1179	-1781	-1702	-1917	-2071	-1768
SNAKE R. AT NATURAL	7848	7912	8387	9240	10570	12064	12804	12032	11382	10967	11075	11470	12665	13725	13908	14147	14411	14002
NEELEY OBSERVED	4420	5100	5340	4960	4920	5120	4920	4890	4890	4890	5640	6520	6840	6560	6680	6760	6800	8080
REM NAT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
STORED	0	0	0	0	0	0	0	0	0	0	0	520	840	560	680	760	800	2080
SNAKE R. NR NATURAL	7604	7483	7937	9004	10422	12079	12957	12153	11223	10898	10766	11096	12231	13387	13690	14120	14463	13564
MINIDOKA OBSERVED	3010	3050	3110	2760	4200	5200	5440	5470	5450	5410	5360	5630	5460	5470	5550	5690	5850	6010
REM NAT	1477	1971	2190	2024	2072	2235	2574	2341	2031	2120	2631	2926	2866	2962	3049	3185	3264	2730
STORED	-1167	-1621	-1780	-1964	-572	265	166	429	719	590	29	4	-106	-192	-199	-195	-114	580
SNAKE P. AT NATURAL	6884	6840	7338	8608	10024	11914	12984	12303	11591	11274	11147	11403	12498	13584	13876	14234	14389	13718
MILNER OBSERVED	1930	1860	1880	1940	2980	5140	5210	5410	5400	5340	4860	4680	4570	4330	4150	3890	3650	5270
REM NAT	2819	3356	3593	3601	3603	4295	4836	4731	4629	4677	4958	4878	4841	4552	4324	4385	4179	3764
STORED	-889	-1496	-1713	-1661	-623	845	374	679	771	663	-98	-198	-111	-222	-174	-495	-529	1506

SOME DATA AFFECTED BY ROUNDING

TABLE 4 (continued)

MONTH OF APRIL		DISCHARGE IN CUBIC FEET PER SECOND															RUN DATE 02/23/79		
STATION		DAY (MILNER TIME)															CFS DAYS 1-15	CFS DAYS 16-31	TOTALS AC FT
		19	20	21	22	23	24	25	26	27	28	29	30	31					
TELEON R. NR ST ANTHONY	NATURAL OBSERVED REM NAT STORED	729 729 729 0	690 690 690 0	673 673 674 0	674 674 674 0	654 654 654 0	633 633 633 0	616 616 616 0	627 627 627 0	625 625 625 0	611 611 611 0	591 591 591 0	578 578 578 0	0	14488 14488 14488 0	10039 10039 10039 0	48649 48649 48649 0		
HENKYS FORK NR REXBURG	NATURAL OBSERVED REM NAT STORED	2859 2740 2859 -119	2740 2780 2740 40	2798 2850 2868 52	2868 2740 2792 -128	2792 2540 2792 -252	2729 2440 2729 -269	2700 2600 2700 -100	2734 2690 2734 -44	2658 2560 2658 -98	2559 2390 2559 -169	2487 2350 2487 -137	2545 2540 2545 -5	0	40253 37440 39803 -2363	41740 40160 41740 -1580	162633 153919 161740 -7820		
WILLOW CR NR RIRIE	NATURAL OBSERVED REM NAT STORED	700 46 700 -654	679 47 679 -632	678 48 678 -630	651 49 651 -602	614 50 614 -564	578 50 578 -528	537 50 537 -487	533 50 533 -483	552 51 552 -501	531 52 531 -479	504 53 504 -451	511 53 511 -458	0	5969 1027 5969 -4982	9218 735 9218 -8483	30123 3494 30123 -26628		
SNAKE R. NR SHELLEY	NATURAL OBSERVED REM NAT STORED	10863 8700 8621 -1421	10430 9150 9360 -537	10238 9360 7994 -134	10039 9240 7741 -1	9558 9650 7230 920	9141 9860 6811 1549	9141 10000 6727 1773	9130 10100 6741 1859	9083 9910 6720 1690	10007 9730 7644 586	8538 9720 6255 1965	9164 10300 6936 1864	0	121338 112160 89982 -322	149470 142380 115155 4725	537147 504880 406889 87333		
SNAKE R. NR BLACKFOOT	NATURAL OBSERVED REM NAT STORED	10548 8560 9806 -1246	10142 8900 9154 -500	9898 8780 9154 -374	9669 8730 8127 -141	9109 9040 8127 913	8676 9240 7539 1701	8738 9360 7518 1842	8708 9190 7497 1693	8611 8910 7403 1507	9467 8800 8258 542	8027 9620 6870 2260	8723 9620 7622 1999	0	118997 109460 110141 -681	143702 133800 129361 4440	521063 482506 475051 7455		
SNAKE R. AT NEELEY	NATURAL OBSERVED REM NAT STORED	13896 9570 0 3570	13438 10600 0 4600	13444 11100 0 5100	12785 11200 0 5200	12232 11100 0 5100	11853 11000 0 5000	12370 10900 0 4900	12087 10900 0 4900	12196 10900 0 4900	12815 10800 0 4800	11148 11000 0 5000	12025 11000 0 5000	0	166049 81720 0 2600	192749 151710 0 61710	711675 463008 0 127558		
SNAKE R. NR MINIDOKA	NATURAL OBSERVED REM NAT STORED	13915 8340 3085 2555	13484 10300 3018 4582	13159 10900 2633 5567	12738 10900 2782 5318	12224 10900 2900 5300	11725 10900 2791 5409	12583 10900 3026 5174	12559 10500 3110 4690	12168 10400 2641 5059	12913 10300 2534 5066	10967 10300 2196 5404	11991 10200 2286 5214	0	162930 70570 35469 -5399	192573 142290 42181 59609	705140 422207 154018 107525		
SNAKE R. AT MLNER	NATURAL OBSERVED REM NAT STORED	14403 8070 4455 3615	14257 9450 4689 4762	14092 9100 4396 4784	13492 9080 4153 4927	12686 8770 3548 5222	11975 8420 3160 5260	12773 8110 3214 4896	12663 7360 2757 4603	12914 6990 1817 5173	12995 6950 1725 5225	11110 6780 1365 5415	12191 6710 1452 5258	0	162268 59680 63533 -3853	197192 108680 49059 59622	712988 333942 223326 110617		
SUM DATA AFFECTED BY ROUNDING																			

SOME DATA AFFECTED BY ROUNDING

TABLE 5

RUN DATE 02/23/79

DISCHARGE IN CUBIC FEET PER SECOND

MONTH OF MAY

STATION	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
DAY (MILNER IMP)																		
Snake R. NR NATURAL MOKAN	674	787	926	1084	1231	1397	1538	1778	2274	2374	2374	2189	1721	1648	1711	2081	2475	2572
OBSEVED	873	874	875	876	879	881	888	888	1000	1060	1110	1100	1100	1310	1580	1590	1570	1580
REM NAT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
STORED	873	874	875	876	879	881	888	888	1000	1060	1110	1100	1100	1310	1580	1590	1570	1580
Snake R. NR NATURAL IRWIN	7770	7727	9787	10399	10729	11332	12291	13073	13584	13288	12393	11396	10512	10748	11761	12899	13884	14587
OBSEVED	8120	8120	8130	8130	8110	8110	8120	8120	8140	8130	8120	8110	8110	9140	9130	9100	10100	10100
REM NAT	7095	6940	4760	1051	2062	2690	1328	0	136	1625	3283	4249	4810	4443	4311	4211	4705	5195
STORED	1025	1180	3371	7079	6049	5414	6792	8120	8004	6505	4837	3861	4500	4697	4819	4889	5395	4905
Snake R. NR NATURAL HEISE	9040	9097	11232	11892	12219	12863	13916	14739	15257	14901	13883	12793	11742	11965	13066	14277	15368	16181
OBSEVED	9650	9610	9560	9650	9630	9760	9930	9800	9690	9540	9440	9420	9990	10500	10800	10700	11400	11900
REM NAT	8365	8310	6205	2543	3551	4226	2953	1665	1808	3238	4773	5646	5840	5661	5616	5588	6188	6788
STORED	1285	1300	3356	7107	6079	5534	6977	8135	7882	6302	4667	3774	4150	4839	5184	5113	5212	5112
Henrys Fork NATURAL NR LAKE	72	72	74	75	76	77	77	90	104	116	128	114	112	110	122	136	149	163
OBSEVED	9	11	14	14	12	14	15	17	16	14	12	9	8	8	11	11	13	12
REM NAT	72	72	74	75	76	77	77	90	104	116	128	114	112	110	122	136	149	163
STORED	-63	-61	-60	-61	-64	-63	-62	-73	-88	-102	-116	-105	-104	-102	-111	-125	-136	-151
Henrys Fork NATURAL NR ISLAND	678	732	770	863	911	924	1046	1140	1384	1554	1594	1591	1450	1377	1388	1450	1543	1605
OBSEVED	646	780	866	872	872	868	868	878	907	969	967	1030	1100	1150	1180	1190	1200	1200
REM NAT	678	732	770	863	911	924	1046	1140	1384	1554	1594	1591	1450	1377	1388	1450	1543	1605
STORED	-32	48	207	399	542	571	686	878	907	969	967	1030	1100	1150	1180	1190	1200	1200
Henrys Fork NATURAL NR ASHTON	2068	2327	2611	2889	3081	3127	3364	3709	4059	4219	4088	3813	3546	3463	3568	3763	3938	4028
OBSEVED	2230	2890	3130	3020	3030	3110	3590	4030	3490	3170	3010	3090	3180	3310	3600	3780	3610	3470
REM NAT	0	0	0	0	0	0	0	0	69	175	165	0	0	0	0	0	0	0
STORED	162	563	630	520	530	610	1090	1462	815	506	510	590	680	810	1100	1280	1110	970
Grassy Lake NATURAL OUTFLOW	13	13	9	6	3	0	10	20	30	40	40	40	40	40	40	40	41	40
OBSEVED	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
REM NAT	13	13	9	6	3	0	10	20	30	40	40	40	40	40	40	40	41	40
STORED	-13	-13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Falls R. NR NATURAL SQUIRREL	954	1163	1269	1206	1233	1350	1670	1930	1660	1490	1420	1420	1480	1670	2140	2370	2181	2180
OBSEVED	941	1150	1260	1200	1230	1350	1660	1910	1630	1450	1380	1380	1440	1630	2100	2330	2140	2140
REM NAT	954	1163	1260	1200	1230	1350	1660	1910	1630	1450	1380	1380	1440	1630	2100	2330	2140	2140
STORED	-13	-13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Falls R. NR NATURAL CHESTER	1123	1433	1629	1536	1543	1638	2028	2460	2173	1883	1755	1735	1792	1972	2530	2889	2845	2929
OBSEVED	1110	1420	1620	1530	1540	1580	1960	2390	2100	1800	1670	1650	1700	1880	2440	2800	2730	2790
REM NAT	1123	1433	1620	1530	1540	1580	1960	2390	2100	1800	1670	1650	1700	1880	2440	2800	2730	2810
STORED	-13	-13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-20
Henrys Fork NATURAL AT ST	2575	3109	3584	3811	4066	4391	5156	6046	6275	6198	6022	5792	5585	5650	6244	6757	6905	7042
OBSEVED	2650	3630	4140	4070	4110	4200	4940	5820	5210	4690	4430	4450	4560	4790	5490	6100	6040	5620
REM NAT	2575	3109	3584	3811	4066	4391	5156	6046	6275	6198	6022	5792	5585	5650	6244	6757	6905	7042
STORED	76	521	676	655	628	1036	1270	1555	975	679	603	578	651	734	941	1230	1258	829

SOME DATA AFFECTED BY ROUNDING

Page 1 of 2

TABLE 5 (continued)

MONTH OF MAY		DISCHARGE IN CUBIC FEET PER SECOND															RUN DATE 02/23/79		
STATION		DAY (MILNER TIME)															CFS DAYS 1-15	CFS DAYS 16-31	TOTALS AC FT
		19	20	21	22	23	24	25	26	27	28	29	30	31					
SNARE R. NR MURAN	NATURAL OBSERVED REM NAT STORED	2738 1580 0 1580	3018 1590 0 1590	3119 1610 0 1610	4622 1620 0 1620	4957 1900 0 1900	4924 2340 0 2340	4391 2550 0 2550	3815 2550 0 2550	3642 2560 0 2560	4037 2580 0 2580	4414 2600 0 2600	4882 2610 0 2610	5180 2610 0 2610	23716 15372 0 15372	61471 33380 0 33380	168968 96699 0 96699		
SNARE R. NR LAWIN	NATURAL OBSERVED REM NAT STORED	15664 10100 4889 5211	17781 10100 3052 7048	20006 10100 2971 8427	21494 11100 4442 8129	21594 12100 5126 7658	20195 12100 5126 8972	18868 12100 5968 6132	18678 13100 6494 6606	19024 13200 6513 6687	20564 13200 6254 6687	21807 13200 6843 6537	22104 13200 8907 4293	22042 13200 10875 2325	166790 124840 48589 76253	301191 186100 88320 97781	928240 616749 271559 345196		
SNARE R. NR HELSE	NATURAL OBSERVED REM NAT STORED	17416 12400 6641 5760	19784 12700 5055 7645	22184 12100 4050 8050	23597 12600 5073 7527	23271 12700 6119 6581	21572 13500 6505 8995	20195 13900 7295 6605	19855 14000 7671 6329	20475 14900 7965 6935	22165 15200 7855 7346	23407 15000 8443 6557	23904 14900 10707 4193	23817 14800 12850 2150	188605 146970 70400 76571	327468 212700 114593 98110	1023630 713405 366933 346479		
HENRY'S FORK NR LAKE	NATURAL OBSERVED REM NAT STORED	163 9 163 -154	162 10 162 -152	162 10 162 -152	161 10 161 -151	161 9 161 -152	161 8 161 -153	84 8 84 -76	34 8 34 -26	-17 8 -17 25	-68 8 -68 76	-30 8 -30 38	-18 4 -18 22	-32 4 -32 36	1419 164 1419 -1235	1371 140 1371 -1231	5533 642 5533 -4891		
HENRY'S FORK NR ISLAND PARK	NATURAL OBSERVED REM NAT STORED	1595 1210 87 1123	1533 1200 54 1146	1457 1190 0 1190	1402 1200 0 1200	1408 1200 34 1166	1390 1200 224 976	1279 1200 447 754	1181 1160 554 606	1076 1090 582 509	946 1030 637 394	923 773 682 91	947 609 442 167	916 531 472 59	17402 13953 4775 9181	20651 17183 4585 12602	75478 61758 18565 43206		
HENRY'S FORK NR ASHTUN	NATURAL OBSERVED REM NAT STORED	4008 3590 0 1090	3979 3920 0 1420	4001 3990 44 1447	3943 3460 41 919	3874 3780 0 780	3666 3160 0 600	3332 3110 0 610	3127 2990 0 490	2994 3060 0 560	2809 2770 0 270	2741 2500 0 0	2705 2200 0 0	2584 2140 0 0	49932 47860 409 10578	55492 51030 85 11606	209108 196187 979 44001		
GRASSY LAKE OUTFLOW	NATURAL OBSERVED REM NAT STORED	39 0 0 0	40 0 0 0	43 0 0 0	48 0 0 0	53 0 0 0	58 0 0 0	58 0 0 0	58 0 0 0	58 0 0 0	57 0 0 0	58 0 0 0	57 0 0 0	57 0 0 0	344 0 26 -26	805 0 0 0	2279 0 51 -51		
FALLS R. NR SQUIRREL	NATURAL OBSERVED REM NAT STORED	2649 2610 2610 0	3400 3360 3360 0	3583 3540 3540 0	2568 2520 2520 0	2243 2190 2190 0	2076 2020 2020 0	2208 2150 2150 0	2368 2310 2310 0	2588 2530 2530 0	2567 2510 2510 0	2478 2420 2420 0	2127 2070 2070 0	1887 1830 1830 0	22055 21711 21737 -26	39475 38670 38670 0	122044 119765 119817 -51		
FALLS R. NR CHESTER	NATURAL OBSERVED REM NAT STORED	3148 3010 3030 -20	4094 3940 3962 -22	4563 4490 4512 -22	3401 3230 3252 -22	2679 2700 2721 -21	2616 2430 2444 -14	2676 2490 2498 -8	2796 2610 2618 -8	3080 2890 2899 -9	3078 2830 2839 -9	3010 2820 2834 -14	2635 2450 2464 -14	2228 2120 2130 -10	27230 26390 26416 -26	49067 46390 46603 -213	151335 144359 144833 -474		
HENRY'S FORK AT ST ANTHONY	NATURAL OBSERVED REM NAT STORED	7249 6000 5019 981	8180 7260 5853 1407	8758 7980 6432 1548	7505 6160 5189 971	6954 4627 4357 723	6508 4990 4378 633	6221 4920 4378 542	6117 4910 4465 445	6257 4860 4646 484	6052 4520 4626 235	5923 4520 4549 -29	5541 3900 3887 13	5156 3440 3438 2	74504 67180 55608 11580	107125 87180 75910 11272	360261 306173 260865 45326		
TOTAL DATA AFFECTED BY ROUNDING																			

SOME DATA AFFECTED BY ROUNDING

MONTH OF MAY

DISCHARGE IN CUBIC FEET PER SECOND

TABLE 6

RUN DATE 02/23/79

STATION	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
DAY (MILNER TIME)																		
TETON R. NR NATURAL	640	788	979	939	908	956	1040	1150	1300	1300	1160	987	883	841	900	1221	1618	1498
ST ANTHONY OBSERVED	640	788	979	939	908	956	1040	1150	1300	1300	1160	987	883	841	906	1230	1630	1510
REM NAT	640	788	979	939	908	956	1040	1150	1300	1300	1160	987	883	841	900	1221	1618	1498
STORED	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	9	12	12
HENRY FORK NATURAL	2877	3483	4005	4071	4168	4698	5704	6808	7321	7214	6938	6594	6300	6334	6956	7772	8280	8268
NR HEXBURG OBSERVED	3040	3690	4180	4210	4260	4470	5080	6020	5740	5190	4830	4680	4680	4870	5470	6440	6680	6150
REM NAT	2877	3483	3685	3675	3585	2882	3632	4461	4731	4488	4135	4066	4014	4141	4629	5217	5467	5311
STORED	163	207	295	535	676	1589	1449	1560	1009	742	695	614	666	729	841	1224	1214	840
WILLOW CR NATURAL	563	654	710	710	728	768	763	797	753	673	631	576	529	507	518	528	542	537
NR RIRIE OBSERVED	53	53	53	54	54	54	56	56	57	57	44	43	59	63	43	19	31	31
REM NAT	563	654	710	710	728	768	763	797	753	673	631	576	529	507	518	528	542	537
STORED	-510	-601	-657	-656	-674	-714	-707	-741	-696	-616	-587	-533	-470	-444	-475	-509	-511	-506
SNAKE R. NR NATURAL	10724	11478	14164	14853	15390	16722	18891	20905	21898	21450	20283	19051	17915	18347	20261	22369	23963	24749
SHELLEY OBSERVED	10900	11400	11800	12000	11900	12100	12800	13500	13200	12600	12100	11700	12300	12800	13600	14000	14800	14800
REM NAT	8494	9135	7495	3531	3943	3954	3549	3193	3429	4342	5439	6000	6115	5860	6239	6711	7489	7806
STORED	906	765	2805	6969	6457	6646	7751	8807	8271	6758	5161	4200	4685	5440	5861	5790	5811	5494
SNAKE R. NR NATURAL	10366	11183	13792	14372	14787	16166	18571	20767	21876	21378	20007	18753	17668	18205	20307	22567	24213	24964
BLACKFOOT OBSERVED	10200	10700	10900	10800	10500	11000	11800	12100	11500	10900	10300	10200	10700	11300	11800	12200	12400	12200
REM NAT	9262	9971	8249	4093	4352	3943	3313	3170	3551	4416	5264	5803	5909	5641	5641	6108	6780	6590
STORED	939	729	2651	6707	6248	7057	8487	8931	7949	6484	5036	4397	4791	5659	6159	6092	5620	5211
SNAKE R. AT NATURAL	13718	14473	16994	17626	17938	19193	21648	23878	24986	24310	22895	21633	20349	20989	23196	25481	26802	27473
NEELEY OBSERVED	11000	11400	11600	11900	12300	12500	12500	12400	12400	12400	12400	12500	12400	12400	12400	11500	9910	10400
REM NAT	0	0	492	1347	1485	945	365	263	662	1329	2117	2650	2556	2392	2470	2961	3308	3437
STORED	5000	5400	5108	4553	4815	5555	6135	6137	5739	5071	4283	3850	3844	4009	3930	2539	602	963
SNAKE R. AT NATURAL	13837	14448	17076	17716	18173	19610	22227	24699	25775	25040	23683	22214	21005	21681	23949	26385	27689	28183
MINIDOKA OBSERVED	10200	10200	10300	10700	10900	11200	11300	11500	11600	11400	11300	11400	11300	11200	11200	10500	9280	9100
REM NAT	2425	2163	2588	3326	3387	2968	2595	2788	3177	3719	4299	4537	4518	4394	4516	5028	5193	5217
STORED	5076	5337	5012	4674	4814	5532	6005	6012	5724	4981	4301	4163	4082	4106	3984	2772	1387	1184
SNAKE R. AT NATURAL	14047	14575	16960	17391	17973	19550	22444	25125	26027	25099	23631	22067	20899	21695	23804	26078	27413	27932
MILNER OBSERVED	6370	5470	4310	4410	5710	6060	6080	6120	5470	4620	4200	4180	4350	4270	3340	2300	1950	1710
REM NAT	1307	349	0	0	0	0	0	286	0	0	0	0	0	0	0	0	0	0
STORED	5064	5121	4310	4410	5710	6060	6080	5834	5470	4620	4200	4180	4350	4270	3340	2300	1950	1710

SOME DATA AFFECTED BY ROUNDING

TABLE 6 (continued)

MONTH OF MAY		DISCHARGE IN CUBIC FEET PER SECOND														RUN DATE 02/23/79		
STATION		DAY (MILNER TIME)														CFS DAYS 1-15	CFS DAYS 16-31	TOTALS AC FT
		19	20	21	22	23	24	25	26	27	28	29	30	31				
TETON R. NR ST ANTHONY	NATURAL OBSERVED REM NAT STORED	1510 1520 1510 10	2160 2170 2160 10	2650 2860 2850 10	2550 2560 2550 10	1991 2000 1991 9	1942 1950 1942 8	1782 1790 1782 8	1682 1690 1682 8	1912 1920 1912 8	2192 2200 2192 8	2328 2360 2328 32	2215 2270 2215 55	1865 1920 1865 55	14771 14777 14771 6	31316 31580 31316 264	91413 91949 91413 535	
HENRY'S FORK NR REXBURG	NATURAL OBSERVED REM NAT STORED	8511 6610 5569 1042	9980 7940 6435 1106	11161 9320 7959 1361	9704 7840 6438 1442	8673 6880 5358 1122	8301 5770 5161 609	7941 5440 5122 318	7663 5370 4967 403	7946 5560 5076 484	7983 5470 5298 172	7970 5230 5325 -95	7455 4630 4522 108	6753 3940 3714 226	83476 70410 58644 11770	134361 98910 87339 11576	432079 335846 289557 46306	
WILLIOW CR NR RIRIE	NATURAL OBSERVED REM NAT STORED	555 30 555 -525	535 30 535 -505	537 29 537 -508	558 30 558 -528	572 30 572 -542	577 31 577 -546	624 32 624 -592	599 32 599 -567	543 32 543 -511	523 33 523 -490	456 32 456 -424	436 32 436 -404	425 32 425 -393	9880 799 9880 -9081	8547 486 8547 -8061	36549 2548 36549 -34001	
SHENLEY SNAKE R. NR	NATURAL OBSERVED REM NAT STORED	26150 15200 7420 6280	29956 16400 6565 8335	33498 16700 6456 8744	33559 16400 6136 8764	32393 15300 6301 7499	30452 15200 6508 7192	29034 15000 6959 6542	28443 14600 7017 6083	29213 15200 7112 6588	30857 15200 6661 6739	31845 14600 7278 5822	31547 13200 8357 3343	30420 11800 9115 1185	262332 184700 80718 81482	466448 238400 114191 100211	1449502 839218 386602 360388	
SNAKE R. NR BLACKFOOT	NATURAL OBSERVED REM NAT STORED	26497 13400 6597 6803	30373 14400 5702 8698	34046 14400 5622 8778	34141 13700 5451 8249	32924 13200 5665 7635	30910 13200 5969 7231	29395 12700 6318 6382	28970 12800 6509 6291	29709 13200 6556 6644	31217 12600 6270 6330	32016 11500 6403 5097	31387 9970 7057 2913	30058 8600 7328 1272	258198 164800 82578 82224	473387 200570 101325 359945	1451098 724711 364771 99246	
SNAKE R. AT NEEDLEY	NATURAL OBSERVED REM NAT STORED	28957 11000 3006 1995	33135 13000 2419 4581	36866 14000 2441 5559	37035 13800 2346 5454	35687 13800 2428 5372	33637 13800 2660 5140	31933 13800 2814 4986	31377 13800 2875 4925	32037 13700 2832 4868	33693 13700 2694 5006	34381 13700 2716 4984	33492 13400 3110 4290	32100 12100 3317 2783	303826 182500 19073 73429	514086 205410 45364 64047	1622328 769419 127810 272683	
SNAKE R. NR MINIDOKA	NATURAL OBSERVED REM NAT STORED	29503 9160 4804 1656	33476 10500 4139 3662	37165 12200 4140 5161	37687 12300 4403 5197	36456 12600 4602 5098	34576 12600 4942 4958	32903 12800 4802 5043	32392 12700 5057 4848	33167 12800 5152 4878	34882 12800 5222 4930	35579 12800 5250 4850	34657 12500 5508 4292	33332 11300 5705 2895	311133 165700 51400 73803	528032 185740 79532 63011	1664483 697081 259703 271370	
SNAKE R. AT MILNER	NATURAL OBSERVED REM NAT STORED	29588 2130 0 2130	34153 4570 0 4570	37898 5140 0 5140	38469 4880 0 4880	37169 4650 0 4650	34914 4700 0 4700	33117 4840 0 4840	32526 4860 0 4860	33245 4850 0 4850	34983 5000 0 5000	35606 4540 0 4540	34490 3830 0 3830	32954 2480 0 2480	311287 74960 1942 73019	530535 62440 0 62440	1669753 272532 3851 268682	

SOME DATA AFFECTED BY ROUNDING

TABLE 7
DISCHARGE IN CUBIC FEET PER SECOND

MONTH OF JUNE

STATION	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
SNAAKE R. NR NATURAL MOKAN	4830	4649	4522	4880	5095	4965	5008	4279	4357	4651	4998	6248	7017	8028	8915	9419	9128	8400
OBSERVED	2620	2630	2640	2660	2670	2680	2690	2700	2710	2720	2730	2740	2750	2760	2770	2780	2790	2800
REM NAT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
STORED	2620	2630	2640	2660	2670	2680	2690	2700	2710	2720	2730	2740	2750	2760	2770	2780	2790	2800
SNAAKE R. NR NATURAL IRWIN	2119	20863	21052	21472	21312	20311	19664	18793	19290	20624	22421	25311	28105	31220	33195	33347	31718	29700
OBSERVED	13200	13200	13200	14200	14100	15500	16100	16300	17100	17100	17100	17100	17100	17100	17100	17100	17100	17000
REM NAT	14238	14673	14614	14674	15233	15172	15381	15036	15029	15264	15271	15368	15138	14417	13674	14019	15220	16137
STORED	-1038	-1473	-1414	-474	-1133	328	719	1264	2071	1836	1829	1732	1962	2783	3426	3081	1880	863
SNAAKE R. NR NATURAL HEISE	22794	22513	22702	22997	22762	21511	20765	19924	20406	21899	23731	26676	29472	32539	34465	34518	32838	30845
OBSERVED	14800	14900	14900	15300	15400	16200	17400	17500	18300	18400	18500	18500	18300	18300	18300	18100	18100	18200
REM NAT	15913	16323	16264	16199	16683	16372	16482	16150	16109	16503	16545	16697	16469	15700	14909	15154	16305	17246
STORED	-1113	-1423	-1364	-899	-1283	-1172	918	1351	2192	1897	1955	1803	1831	2600	3392	2946	1795	954
HENRYS FORK NATURAL NR LAKE	-33	-34	119	58	110	138	-12	89	77	77	102	113	111	122	133	147	164	166
OBSERVED	4	5	8	12	13	13	14	13	14	14	13	6	6	12	8	12	21	17
REM NAT	-33	-34	119	58	110	138	-12	89	77	77	102	113	111	122	133	147	164	166
STORED	37	39	-111	-46	-97	-125	26	-76	-63	-63	-89	-107	-105	-114	-125	-135	-143	-149
HENRYS FORK NATURAL NR ISLAND PARK	901	914	1008	880	951	953	792	897	873	886	931	977	980	1048	1021	1056	1107	1092
OBSERVED	447	412	374	374	370	374	379	388	393	393	398	432	437	412	432	511	625	662
REM NAT	387	591	1008	880	951	953	792	897	873	886	931	977	980	1048	1021	1056	1107	1092
STORED	61	-179	-634	-506	-581	-579	-413	-509	-480	-493	-533	-545	-543	-636	-549	-545	-482	-430
HENRYS FORK NATURAL NR ASHTON	2524	2473	2543	2377	2417	2396	2193	2263	2199	2180	2201	2231	2209	2259	2234	2282	2345	2317
OBSERVED	2010	1880	1870	1830	1810	1750	1700	1700	1670	1640	1620	1680	1610	1580	1660	1810	1840	1780
REM NAT	0	270	673	547	607	646	492	562	528	539	580	550	596	676	572	470	502	535
STORED	0	-270	-673	-547	-607	-646	-492	-562	-528	-539	-580	-550	-596	-676	-572	-470	-502	-535
GRASSY LAKE NATURAL OUTFLOW	58	57	57	58	57	43	50	56	63	84	84	86	84	84	81	78	76	72
OBSERVED	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
REM NAT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
STORED	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FALLS R. NR NATURAL SQUIRREL	1806	1887	2137	2158	1947	1753	1850	2020	2050	2261	2551	2643	2721	2951	3288	3160	2664	2580
OBSERVED	1750	1830	2080	2100	1890	1710	1800	1930	1920	2110	2400	2490	2570	2800	3140	2970	2460	2380
REM NAT	1750	1830	2080	2100	1890	1710	1800	1930	1920	2110	2400	2490	2570	2800	3140	2970	2460	2380
STORED	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FALLS R. NR NATURAL CHESTER	2202	2204	2398	2460	2261	2087	2102	2290	2343	2479	2834	3036	3115	3334	3660	3683	3140	2876
OBSERVED	1970	1970	2160	2210	2000	1760	1760	1900	1900	2000	2300	2440	2520	2710	3040	3010	2460	2220
REM NAT	1970	1970	2160	2210	2000	1760	1760	1900	1900	2000	2300	2440	2520	2710	3040	3010	2460	2220
STORED	-6	-6	-6	-6	-6	-6	-6	-6	-6	-6	-6	-6	-6	-6	-6	-6	-6	-6
HENRYS FORK NATURAL AT ST	5022	4984	5218	5080	4884	4866	4505	4766	4746	4832	5189	5415	5475	5750	6058	6139	5669	5404
OBSERVED	3120	2850	2930	2910	2690	2410	2290	2290	2340	2350	2600	2790	2830	2910	3330	3490	3080	2820
REM NAT	3099	3228	3760	3580	3334	3084	2872	3064	3002	3066	3323	3451	3511	3723	4035	4055	3652	3422
STORED	22	-378	-830	-670	-649	-674	-582	-694	-662	-716	-723	-661	-681	-813	-705	-565	-572	-602

MONTH OF JUNE

DISCHARGE IN CUBIC FEET PER SECOND

RUN DATE 02/23/79

Page 2 of 2

TABLE 8

DISCHARGE IN CURIC FEET PER SECOND

MONTH OF JUNE

STATION	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
TETON R. NR NATURAL ST ANTHONY REM NAT STORED	1643 1690 1643 47	1563 1610 1563 47	1682 1730 1682 48	1912 1960 1912 48	1880 1930 1880 50	1619 1670 1619 51	1473 1510 1473 37	1441 1560 1475 86	1702 1770 1689 82	1864 1920 1851 70	2196 2250 2183 68	2368 2440 2368 72	2388 2460 2388 72	2948 3020 2948 72	3368 3420 3348 72	3375 3420 3348 72	2775 2820 2748 72	2195 2240 2168 72
HENKYS FORK NATURAL NR REXBURG REM NAT STORED	6472 3410 3182 228	6508 3130 3187 57	6986 3130 3765 -57	7122 3130 3805 -675	6926 2860 3529 -669	6474 2500 3042 -542	6181 2400 2781 -381	6545 2550 3189 -454	6822 2630 3189 -559	7095 2750 3441 -691	7732 3100 3939 -839	7989 3290 4199 -909	7949 3320 4097 -777	8630 3590 4546 -956	9183 4050 4992 -942	9192 4330 4968 -942	8132 3840 4073 -233	7416 3240 3337 -97
WILLOW CR NR RIRIE REM NAT STORED	411 32 411 -379	396 30 396 -366	382 28 382 -354	370 28 370 -342	370 28 368 -340	358 31 357 -326	348 31 347 -311	338 36 336 -300	333 34 331 -297	330 30 328 -298	319 31 317 -286	302 31 301 -270	273 30 271 -241	266 32 264 -232	257 32 256 -224	249 32 248 -216	241 30 240 -210	220 26 218 -192
SNAKE R. NR NATURAL SHELLEY OBSERVED REM NAT STORED	29311 10600 9478 -378	29194 9770 9736 -1466	30094 9190 10050 -2360	30873 9260 10181 -2421	30315 8810 9812 -2502	28640 9390 8893 -1003	27703 10500 8710 290	27452 10900 8672 728	28376 11500 8792 1208	30261 11700 9431 769	32781 11900 9853 547	36007 12100 10033 567	38976 12500 9878 1123	43044 13500 10218 1782	45739 13500 10123 1877	45888 13100 10202 1399	43000 12300 10236 564	39997 11600 10068 32
SNAKE R. NR NATURAL BLACKFOOT OBSERVED REM NAT STORED	28900 7310 7541 -231	28873 6290 7644 -1354	29981 5990 8020 -2030	30793 5570 8112 -2542	30374 5520 7834 -2314	29000 6790 7196 -406	28191 7550 7046 504	28156 7970 7276 694	29087 8180 7415 765	30771 8240 7841 399	33139 8390 8129 261	36193 8500 8141 359	39253 9520 8042 1478	43335 10000 8283 1718	45983 9650 8107 1543	46056 9070 8133 937	42914 8240 7949 291	39876 7960 7732 229
SNAKE R. AT NATURAL NEELEY OBSERVED REM NAT STORED	30905 9910 3476 434	31109 9060 3810 -750	31989 9380 3958 -578	32502 9380 3729 -349	32195 9380 3587 -207	30589 7740 2717 -977	29913 8740 2684 56	30035 10200 3071 1129	31089 10400 3333 1067	32872 10300 3859 442	35045 10300 3941 359	37769 10100 3623 477	40968 10300 3663 637	45139 10600 3988 612	47812 10500 3834 666	47929 10200 3661 309	44741 9670 3661 9	41534 8700 3275 -575
SNAKE R. NR NATURAL MINIDOKA OBSERVED REM NAT STORED	32420 9920 6053 1167	32528 8850 6120 31	33083 7980 5872 -592	33447 7840 5553 -423	32745 7870 5147 -27	31601 7930 4930 300	30815 7700 4885 115	30597 7700 4920 80	31625 7810 5069 41	33115 8070 5142 228	35424 8280 5359 310	38565 8250 5419 191	41794 8190 5374 71	45595 7980 5365 -85	48432 8130 5374 56	48434 8220 5357 163	45356 8130 5337 93	42456 7750 5257 -207
SNAKE R. AT NATURAL MILNER OBSERVED REM NAT STORED	31811 1020 1020	31849 152 152	32633 151 151	33301 151 151	32859 152 152	31889 151 151	31125 186 186	30887 136 136	31923 70 70	33411 60 60	35608 61 61	38653 65 65	41800 65 65	45611 65 65	48477 64 64	48474 65 65	45400 66 66	42551 65 65

SOME DATA AFFECTED BY ROUNDING

TABLE 8 (continued)

MONTH OF JUNE				DISCHARGE IN CUBIC FEET PER SECOND											RUN DATE 02/23/79		
STATION		DAY (MILNEP TIME)											CFS DAYS 1-15	CFS DAYS 16-31	TOTALS AC FT		
		19	20	21	22	23	24	25	26	27	28	29				30	31
TEITON R. NR ST ANTHONY	NATURAL OBSERVED REM NAT STORED	2257 2270 2214 57	2701 2700 2653 48	2875 2660 2600 39	2658 2190 2566 35	2239 1980 1973 37	2071 1960 1961 19	2094 1960 1973 17	2060 1960 1943 17	2410 2310 2293 17	2675 2580 2660 22	2743 2660 2630 31	2717 2640 2604 37	0 0 0 0	30087 30940 30022 922	37845 37220 34634 592	134743 135195 132213 3003
HENRY'S FURN NR REXBURG	NATURAL OBSERVED REM NAT STORED	7979 3360 3774 -414	8669 3700 4189 -489	8074 3110 4037 -327	7900 3260 2930 -229	7061 2930 2745 185	7022 2760 2573 185	6945 2560 2573 -13	6954 2550 2609 -59	7450 2850 2938 -68	7895 3070 3240 -192	7929 3240 3380 -140	7817 3360 3367 -7	0 0 0 0	108614 45840 54698 -8858	117035 48780 51503 -2723	447574 187678 210649 -22970
WILLOW CR NR HIRIE	NATURAL OBSERVED REM NAT STORED	205 27 204 -177	190 32 176 -144	177 32 164 -131	165 33 157 -126	158 31 153 -121	154 32 153 -118	149 30 148 -116	146 29 145 -116	142 29 141 -112	138 28 137 -109	134 28 133 -105	132 29 131 -102	0 0 0 0	5053 469 5035 -4566	2600 443 2584 -2141	15179 1808 15112 -13303
SHENLEY	NATURAL OBSERVED REM NAT STORED	39577 11500 9782 219	40812 11900 13948 -3548	42024 12100 25099 -14499	41170 11600 24652 -14552	38692 11100 22281 -12681	36535 10900 20198 -10798	35007 10600 18559 -9459	34682 10900 18300 -8900	36158 12600 19674 -9174	38074 12600 21665 -10565	39308 13000 23105 -11605	39699 12700 23564 -12364	0 0 0 0	488766 165120 143860 -1239	590623 177900 271333 -115931	2140968 680380 823535 -232406
BLAFCOOT	NATURAL OBSERVED REM NAT STORED	39607 8260 7574 646	41120 8990 12045 -3055	42544 9050 23588 -14536	41758 8490 23278 -14788	39285 8270 20988 -12718	37038 8050 18871 -10821	35544 7910 17255 -9345	35451 8860 17212 -8352	37013 9570 18690 -9120	39088 10400 20852 -10452	40267 10200 22334 -12134	40408 9840 22605 -12765	0 0 0 0	492029 115470 116627 -1156	597969 133160 249106 -115945	2162011 493157 725431 -232269
NEELEY	NATURAL OBSERVED REM NAT STORED	41336 8610 3209 -594	42862 8520 19158 -4884	44239 9060 18796 -16538	43401 9870 16508 -15736	40930 10200 14223 -12638	38516 10900 12808 -10023	37222 11200 12404 -7908	36769 11200 14186 -7204	38634 10900 16320 -9286	40682 10100 18121 -12220	42179 11300 18121 -12821	42391 12000 18463 -12463	0 0 0 0	519931 146290 53273 3018	623165 149840 182518 -122677	2267330 587373 467691 -237343
MINIDOKA	NATURAL OBSERVED REM NAT STORED	42201 7560 5144 -284	43376 7450 20867 -4567	44838 7360 20153 -16207	43677 7680 17516 -15463	41047 8180 15034 -12536	34705 8630 13242 -9553	37157 8630 12643 -7312	36567 8840 14518 -6503	38616 8420 16694 -8798	40755 8190 18261 -10974	42019 8440 18261 -12771	42297 8440 18629 -12489	0 0 0 0	531786 122500 80538 1463	627541 120660 197968 -117808	2299525 482307 552416 -230770
AT MILNEP	NATURAL OBSERVED REM NAT STORED	42425 63 0 63	43786 63 16116 -4291	45431 62 15450 -16054	44370 59 12741 -15390	41771 59 10047 -12682	39244 59 10047 -9988	37469 61 7843 -7782	36597 61 6957 -6896	38534 57 8686 -8629	40665 56 10868 -10812	42070 55 12470 -12415	42523 55 12470 -12779	0 0 0 0	531837 2549 0 2549	631310 907 118366 -117459	2307102 6854 234778 -227923

SOME DATA AFFECTED BY ROUNDING

TABLE 9
DISCHARGE IN CUBIC FEET PER SECOND

MONTH OF JULY

STATION	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
	DAY (WILNER TIME)																	
SLAKE R. NR NATURAL OBSERVED	6957	6231	5755	5408	5581	5842	5847	5648	5321	5008	4665	4375	3921	3717	3694	3760	3875	3863
MORAN																		
REM NAT	6957	6231	5755	5408	5581	5842	5847	5648	5321	5008	4665	4375	3921	3717	3694	3760	3875	3863
STORED	-2827	-2611	-2445	-2398	-2551	-3182	-3737	-3718	-3381	-3058	-2715	-2505	-2731	-2722	-2604	-1870	-1625	-1213
SLAKE R. NR NATURAL OBSERVED	27625	25736	24502	24120	24812	25531	25535	24719	23677	22485	21107	20283	19263	18872	18929	18883	18647	18238
IRWIN																		
REM NAT	27625	25736	24502	24120	24812	25531	25535	24719	23677	22485	21107	20283	19263	18872	18929	18883	18647	18238
STORED	-10525	-8636	-7402	-7020	-8512	-10431	-10935	-10119	-9127	-8285	-7807	-7783	-7363	-6972	-7029	-6483	-5247	-4838
SLAKE R. NR NATURAL OBSERVED	28066	26176	24938	24630	25471	26313	26392	25650	24483	23318	21967	21195	20176	19710	19667	19421	19085	18627
HEISE																		
REM NAT	28066	26176	24938	24630	25471	26313	26392	25650	24483	23318	21967	21195	20176	19710	19667	19421	19085	18627
STORED	-10536	-8547	-7309	-7002	-8143	-10186	-10966	-10224	-9258	-8185	-7734	-7662	-7543	-7177	-7234	-6788	-5352	-4794
HENRYS FORK NR LAKE	137	157	172	190	198	198	172	202	183	88	117	79	78	142	143	106	81	79
OBSERVED	52	96	100	100	94	93	99	118	119	116	113	118	118	117	118	121	119	110
REM NAT	0	0	0	0	51	127	90	41	63	74	76	79	0	142	143	106	81	79
STORED	62	96	100	100	43	-34	9	77	56	42	37	39	118	-25	-25	15	38	31
HENRYS FORK NR ISLAND PARK	1004	867	865	898	798	712	724	777	775	677	660	597	744	728	752	819	510	718
OBSERVED	673	646	662	668	674	668	662	658	654	662	639	657	636	635	621	622	611	575
REM NAT	867	710	693	708	650	642	641	617	655	663	620	597	665	728	752	819	510	718
STORED	-194	-64	-31	-40	24	26	21	42	0	-1	19	60	-29	-93	-131	-197	102	-143
HENRYS FORK NR ASHTON	2033	1900	1875	1895	1773	1665	1675	1714	1707	1610	1586	1520	1658	1646	1668	1738	1413	1605
OBSERVED	1710	1660	1600	1620	1620	1590	1590	1550	1580	1590	1540	1540	1530	1570	1510	1510	1450	1440
REM NAT	182	79	96	77	0	0	0	0	0	0	0	0	42	73	156	225	0	162
STORED	-182	-79	-96	-77	0	0	0	0	0	0	0	23	-42	-73	-156	-225	40	-162
GRASSY LAKE OUTFLOW	32	32	32	33	35	34	31	28	25	25	25	25	25	25	25	25	25	5
OBSERVED	27	27	27	27	27	25	25	25	25	25	25	25	25	25	25	25	25	25
REM NAT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
STORED	27	27	27	27	27	25	25	25	25	25	25	25	25	25	25	25	25	0
FALLS R. NR NATURAL OBSERVED	2324	2011	1971	2152	2274	2273	2153	1981	1938	1709	1568	1524	1522	1611	1470	1412	1451	1349
SQUIRREL																		
REM NAT	2110	1770	1730	1910	2030	2030	1920	1760	1720	1480	1340	1290	1290	1390	1260	1200	1240	1160
STORED	2083	1743	1703	1883	2003	2005	1895	1735	1695	1455	1315	1265	1265	1365	1235	1175	1240	1140
FALLS R. NR NATURAL OBSERVED	2702	2309	2215	2361	2513	2545	2463	2276	2205	2047	1831	1738	1726	1822	1712	1613	1657	1560
CHESTER																		
REM NAT	1860	1440	1340	1450	1590	1610	1540	1370	1330	1180	974	924	911	1030	929	838	816	768
STORED	1856	1429	1319	1446	1541	1619	1556	1390	1350	1196	981	926	911	1029	927	842	857	785
HENRYS FORK AT ST	4789	4260	4149	4304	4316	4247	4176	4036	3928	3659	3449	3335	3543	3650	3586	3557	3271	3385
OBSERVED	2370	1940	1780	1830	1980	1990	1950	1760	1650	1600	1540	1540	1540	1540	1540	1540	1430	1200
REM NAT	2551	2080	1941	2013	2027	2050	2029	1866	1835	1693	1482	1442	1557	1765	1706	1687	1381	1475
STORED	-181	-140	-161	-183	-47	-60	-79	-106	-185	-93	58	98	-17	-225	-166	-257	-21	-275

SOME DATA AFFECTED BY ROUNDING

TABLE 9 (continued)

MONTH OF JULY	DISCHARGE IN CUBIC FEET PER SECOND																RUN DATE	
STATION	19	20	21	22	23	24	25	26	27	28	29	30	31	DAY (MILNER TIME)		CFS DAYS 1-15	CFS DAYS 16-31	TOTALS AC FT
SNARE R. NR MUKAN	NATURAL	3826	3579	3334	3222	2925	2539	2368	2099	1934	1930	1840	1697	1642	77970	44433	242786	
	OBSERVED	3340	3540	3310	3160	2900	2270	1990	1980	1980	1860	1780	1630	1540	34785	38070	144507	
	REM NAT	3826	3579	3334	3222	2925	2539	2368	2099	1934	1930	1840	1697	1642	77970	44433	242786	
	STORED	-486	-39	-24	-62	-25	-269	-378	-119	46	-70	-60	-67	-102	-43185	-6363	-98278	
SNARE R. NR IRWIN	NATURAL	17864	17124	16833	16524	15822	14875	14158	13292	12587	12189	11626	11060	10689	347146	240411	1165419	
	OBSERVED	13900	15400	15800	15800	15500	14500	14500	13400	12100	11900	11700	11300	11400	219200	217700	866591	
	REM NAT	17864	17124	16833	16524	15822	14875	14158	13292	12587	12189	11626	11060	10689	347146	240411	1165419	
	STORED	-3964	-1724	-1033	-724	-22	625	342	109	-487	-289	74	240	711	-127946	-22710	-298826	
SNARE R. NR HEISE	NATURAL	18155	17365	17074	16715	16036	15189	14548	13608	13205	12807	12219	11626	11179	358152	247059	1200436	
	OBSERVED	14000	15400	16100	16000	16000	15900	15100	14100	12700	12300	12200	11900	11700	230000	223500	899517	
	REM NAT	18121	17330	17038	16679	16011	15165	14524	13784	13181	12783	12195	11602	11155	357706	246402	1198644	
	STORED	-4121	-1930	-938	-679	-11	735	576	317	-481	-483	5	298	545	-127706	-23101	-299125	
HENRY'S FURK NR LAKE	NATURAL	59	51	63	74	53	61	65	79	118	108	108	111	99	2256	1335	7122	
	OBSERVED	88	88	117	104	103	102	104	106	109	111	106	117	114	1581	1719	6545	
	REM NAT	59	51	63	74	53	61	65	79	118	108	108	111	99	886	1335	4405	
	STORED	29	37	54	30	50	21	39	28	-9	4	-2	6	15	695	386	2144	
HENRY'S FURK NR ISLAND PARK	NATURAL	665	512	664	547	565	613	544	526	530	522	625	682	693	11578	9735	42274	
	OBSERVED	553	541	540	554	654	633	632	811	770	804	1050	1160	1180	9815	12090	43448	
	REM NAT	665	512	664	547	565	613	544	526	530	522	625	682	693	10208	9735	39556	
	STORED	-112	29	-124	7	89	220	288	286	240	282	425	478	488	-391	2358	3901	
HENRY'S FURK NR ASHTON	NATURAL	1546	1390	1549	1436	1474	1533	1464	1451	1427	1432	1551	1580	1592	25925	24181	99385	
	OBSERVED	1420	1410	1400	1430	1610	1750	1690	1710	1600	1770	1980	1970	2030	23800	26170	99115	
	REM NAT	122	0	147	4	0	32	1461	1447	1422	1428	1548	1579	1591	705	11168	23550	
	STORED	-122	25	-147	-4	137	218	229	263	178	342	432	391	439	-682	2034	2681	
GRASSY LAKE OUTFLOW	NATURAL	-33	-33	-32	-12	27	27	2	3	3	4	29	29	27	430	97	1045	
	OBSERVED	-33	-33	-32	-12	27	27	2	3	3	4	29	29	27	385	436	1628	
	REM NAT	-33	-33	-32	-12	27	27	2	3	3	4	29	29	27	0	72	142	
	STORED	60	60	59	39	0	0	27	27	26	26	0	-2	-1	385	366	1489	
FALUS R. NR SQUIRREL	NATURAL	1223	1237	1162	1207	1106	1071	1017	915	886	845	854	829	875	28481	17439	91082	
	OBSERVED	1080	1080	1000	1020	874	842	808	707	677	642	633	611	670	25030	14244	77899	
	REM NAT	1020	1020	941	981	874	842	794	697	667	633	648	627	686	24645	13985	76622	
	STORED	60	60	59	39	0	0	14	11	10	10	-15	-16	-16	385	261	1281	
FALUS R. NR CHESTER	NATURAL	1440	1448	1408	1445	1345	1308	1229	1126	1088	1022	1030	1009	975	32465	20703	105458	
	OBSERVED	682	650	602	608	507	473	432	348	310	277	271	249	228	19478	8059	54619	
	REM NAT	675	647	591	620	554	517	496	413	380	357	335	325	237	19516	8831	56226	
	STORED	7	4	11	-12	-47	-44	-64	-65	-80	-80	-64	-76	-209	-37	-771	-1602	
HENRY'S FURK AT ST ANTHONY	NATURAL	3173	3009	3089	2998	2925	2924	2781	2650	2587	2519	2625	2623	2587	59427	46703	210508	
	OBSERVED	982	943	889	966	924	1020	957	926	866	937	1090	1070	1020	26550	16580	85548	
	REM NAT	1209	983	1131	1031	887	892	828	788	782	740	801	818	929	28037	16362	88065	
	STORED	-227	-40	-242	-65	38	128	129	138	84	197	289	252	91	-1487	219	-2515	

SOME DATA AFFECTED BY ROUNDING

TABLE 10

DISCHARGE IN CUBIC FEET PER SECOND

MONTH OF JULY

RUN DATE 02/23/79

STATION	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
DAY (MILNER TIME)																		
TETON R. NR NATURAL	2587	2161	1993	2177	2515	2711	2697	2608	2516	2381	2144	2104	2138	2136	2123	2139	2159	2146
ST ANTHONY OBSERVED	2510	2090	1920	2110	2450	2640	2550	2460	2460	2320	2080	2020	2070	2070	2070	2060	2090	2080
REM NAT	2474	2058	1885	2069	2407	2598	2584	2418	2418	2283	2043	1983	2031	2048	2042	2056	2086	2078
STORED	37	33	36	42	44	43	57	61	43	38	37	37	39	22	28	4	4	2
HEMRY'S FORK NATURAL	7599	6687	6449	6834	7214	7327	7224	6970	6825	6470	6050	5897	6122	6229	6109	6057	5745	5803
NR REXBURG OBSERVED	3060	2520	2290	2480	2710	2860	2840	2720	2750	2470	2200	2080	2180	2210	2010	1860	1800	1700
REM NAT	3251	2562	2339	2493	2797	2980	2944	2739	2789	2512	2163	2030	2175	2420	2352	2281	1919	1963
STORED	-191	-42	-49	-13	-87	-120	-104	-19	-39	-42	38	50	5	-210	-342	-421	-119	-263
WILLOW CR NATURAL	131	129	126	122	117	112	108	105	103	101	101	99	96	93	90	87	85	82
NR RIRIE OBSERVED	29	29	29	28	28	28	25	25	24	23	22	22	22	21	21	26	25	25
REM NAT	130	128	125	121	115	110	107	104	102	100	99	98	94	92	88	85	83	80
STORED	-101	-99	-96	-93	-87	-82	-82	-79	-78	-77	-77	-76	-72	-71	-67	-59	-58	-55
SNAKE R. NR NATURAL	38152	35113	33425	33375	34634	35670	35628	34570	33192	31547	29786	28897	28222	27945	27833	27586	26840	26503
SHALLEY OBSERVED	12200	11600	11300	11500	11500	10700	9770	9540	9240	8560	7550	6900	6440	5780	5290	5190	5900	6090
REM NAT	22110	19378	17612	17209	18425	19776	19905	18715	17342	15729	14006	13169	12427	12176	12032	11754	11361	10985
STORED	-11410	-9278	-7812	-7209	-8425	-10576	-11635	-10675	-9602	-8669	-7956	-7769	-7487	-7896	-8242	-8064	-6961	-6395
SNAKE R. NR NATURAL	38606	35296	33587	33552	34826	35773	35722	34597	33214	31562	29721	28824	28138	27967	27925	27871	27249	26976
BLACKFOOT OBSERVED	8930	8360	8240	8360	7930	6850	6540	6110	5610	4610	3930	3450	2770	2220	1890	2350	2610	2730
REM NAT	20909	17784	15874	15382	16605	17849	17961	16711	15309	13641	11836	11080	10292	10063	9966	9910	9727	9386
STORED	-11979	-9424	-7634	-7022	-8675	-10999	-11421	-10601	-9699	-9031	-7906	-7630	-7522	-7843	-8076	-7560	-7117	-6656
SNAKE R. AT NATURAL	40749	37400	35865	35639	36942	37900	37706	36575	35282	33474	32187	31100	30247	29697	29745	29540	28914	28581
NEELEY OBSERVED	11900	12500	13000	13300	13200	13200	12500	11500	11800	12100	12100	12000	12000	11800	11500	11300	11600	11600
REM NAT	16928	13763	12026	11345	12596	13851	13820	12564	11252	9428	8177	7231	6276	5675	5666	5531	5393	4991
STORED	-11024	-7263	-5026	-4045	-5396	-6651	-7320	-7064	-5452	-3328	-2077	-1231	-276	125	-166	-231	207	609
SNAKE R. NR NATURAL	40565	37050	35800	35734	36939	38098	38124	37141	35912	34116	32844	31575	30842	30245	30220	30156	29339	28846
MINIDOKA OBSERVED	8990	9170	9360	9470	9230	9160	9030	8050	8430	8940	9450	9190	9330	9270	9150	9020	9200	9430
REM NAT	16964	13613	12152	11630	12833	14319	14519	13410	12192	10409	9174	8037	7161	6493	6402	6557	6391	5830
STORED	-10674	-7143	-5492	-4860	-6303	-7859	-8060	-6462	-4169	-2424	-1547	-531	78	48	-237	109	900	
SNAKE R. AT NATURAL	40754	37184	35736	35530	36755	38019	38097	37233	36083	34353	33189	31984	31262	30635	30677	30156	29339	28846
MILNER OBSERVED	55	56	222	330	182	535	603	69	207	100	120	67	64	63	62	62	62	63
REM NAT	10985	7482	6038	5208	6285	8946	8946	7968	6511	3959	2639	1514	641	0	0	31	0	0
STORED	-10930	-7426	-5816	-4878	-6103	-7501	-8341	-7899	-6304	-3859	-2519	-1447	-577	63	63	31	62	63

SUM. DATA AFFECTED BY ROUNDING

TABLE 10 (continued)

MONTH OF JULY												DISCHARGE IN CUBIC FEET PER SECOND												RUN DATE 02/23/79	
STATION	DAY (MILWEY TIME)											CFS DAYS 1-15	CFS DAYS 16-31	TOTALS AC FT											
TETON R. NR ST ANTHONY	NATURAL	2083	2043	2073	2090	2010	1821	1647	1572	1478	1346	1270	1196	1151	34991	28224	125386								
	OBSERVED	2010	1970	2000	2020	1940	1750	1590	1500	1400	1290	1230	1180	1120	34000	27330	121648								
	REM NAT	2018	1981	2013	2032	1952	1763	1600	1517	1422	1298	1226	1176	1109	33413	27327	120477								
	STORED	-8	-11	-13	-12	-12	-13	-10	-17	-22	-8	4	4	111	597	3	1190								
HENRY'S FORK NR HENRIBURG	NATURAL	5571	5442	5643	5605	5473	5296	5007	4466	4765	4602	4621	4520	4393	100006	83409	363803								
	OBSERVED	1550	1510	1530	1460	1410	1370	1410	1330	1200	1270	1300	1150	1090	37380	22940	119644								
	REM NAT	1754	1498	1674	1606	1433	1247	1135	1142	1146	1102	1042	992	1009	38546	22943	121963								
	STORED	-204	12	-144	-146	-23	123	275	188	54	168	258	159	81	-1165	-2	-2314								
WILLOW CR NR RIRIE	NATURAL	76	75	71	69	67	65	63	62	59	58	56	54	53	1633	1084	5389								
	OBSERVED	25	25	24	24	22	22	21	21	20	20	19	19	18	376	356	1451								
	REM NAT	76	73	71	68	65	63	62	61	59	56	54	52	51	1613	1059	5299								
	STORED	-51	-48	-47	-44	-43	-41	-41	-40	-39	-36	-35	-33	-33	-1237	-703	-3847								
SNAKE R. NR SHENLEY	NATURAL	26001	25116	25041	24640	23689	22688	21853	20960	20224	19549	18793	17967	17367	487989	364817	1691540								
	OBSERVED	6720	7790	8130	8130	8260	8380	7960	7190	6120	5350	4930	4370	4390	137870	104880	481494								
	REM NAT	10527	9647	9485	9116	9562	8721	8106	7521	8512	7823	6974	6265	5804	250011	142163	777877								
	STORED	-5307	-3357	-2855	-2486	-2802	-1861	-1646	-1831	-2392	-2473	-2044	-1895	-1414	-134641	-53783	-373739								
SNAKE R. NR BLACKFOOT	NATURAL	26667	25769	25607	25128	23953	22719	21851	20930	20126	19520	18802	18058	17576	489310	368802	1702065								
	OBSERVED	3840	4800	4670	4510	4750	4530	4150	3470	2410	1980	1440	1050	1240	85800	50530	270410								
	REM NAT	8973	8199	8287	7633	7774	6695	6077	5492	4924	4397	3568	2944	2640	221262	106626	650365								
	STORED	-5133	-3399	-3617	-3123	-3024	-2165	-1927	-2022	-2514	-2417	-2128	-1894	-1400	-135462	-56096	-379955								
SNAKE R. AT NEEDLEY	NATURAL	28314	27625	27469	27070	25781	24616	23702	22795	22212	21601	21009	20197	19972	520508	399398	1824633								
	OBSERVED	11500	11800	12400	12500	12400	12200	12200	12200	12300	12100	12300	12000	12000	184400	192400	747382								
	REM NAT	4620	4055	4149	8176	8202	7192	7928	7358	7009	6478	5775	5084	5036	160598	96977	510900								
	STORED	880	1746	2251	2925	2798	3608	4272	4842	5291	5622	6525	6916	6964	-66198	55225	-21764								
SNAKE R. NR MINIDOKA	NATURAL	28661	27787	27614	27225	25769	24760	23978	23098	22436	21917	21182	20329	20062	525205	403159	1841409								
	OBSERVED	9600	9610	9600	9550	9450	9440	9420	9420	9450	9410	9490	9490	9280	136220	150860	569423								
	REM NAT	5541	4791	4667	4305	4200	3456	6000	5934	5507	5068	4222	3490	3400	169308	79559	493627								
	STORED	1359	2120	2033	2545	2550	3284	3420	3486	3943	4342	5268	6000	5880	-73587	47002	-52731								
SNAKE R. AT MILNER	NATURAL	28661	27787	27614	27225	25769	24760	23978	23098	22436	21917	21182	20329	20062	527491	403159	1845944								
	OBSERVED	288	293	294	295	295	296	296	296	294	295	298	302	300	7276	4029	13418								
	REM NAT	288	293	294	295	295	296	296	296	294	295	298	302	300	76210	31	151224								
	STORED	288	293	294	295	295	296	296	296	294	295	298	302	300	-73474	-3998	-137805								

SOME DATA AFFECTED BY ROUNDING

MONTH OF AUGUST

TABLE 11
DISCHARGE IN CUBIC FEET PER SECOND

RUN DATE 02/23/79

STATION	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
	DAY (MILPER TIME)																	
SLAKE R. NR NATURAL MUKAN	1592 1540 1593 1592 -52	1593 1540 1593 1592 -53	1604 1550 1604 1592 -114	1694 1540 1694 1592 -154	1719 1530 1719 1592 -189	1598 1530 1598 1592 -68	1510 1680 1510 171 -68	1464 1840 1464 377	1242 1840 1242 598	1228 1840 1228 612	1143 1830 1143 677	991 1830 991 839	1078 1830 1078 753	924 1830 924 906	909 1880 909 972	873 1930 873 1057	793 1990 793 1197	852 2060 852 1208
SLAKE R. NR NATURAL IRWIN	10603 11800 10603 1197	10631 11700 10631 1069	10647 11200 10647 1069	10567 11000 10567 554	10208 10500 10208 292	9624 10100 9624 476	9166 10000 9166 834	8744 10000 8744 1256	8195 10000 8195 1806	7928 10000 7928 2072	7569 10000 7569 2431	7240 10000 7240 2760	7174 10000 7174 2826	6780 10000 6780 3220	6634 9910 6634 3276	6535 9840 6535 3305	6568 9840 6568 3272	6893 9540 6893 2647
SLAKE R. NR NATURAL HEISE	11066 12100 11066 1042	11119 12300 11119 11095	11134 11800 11134 11110	11106 11500 11106 11082	10823 11100 10823 10799	10239 10700 10239 10215	9756 10500 9756 9732	9333 10500 9333 9309	8758 10500 8758 8758	8466 10500 8466 8466	8108 10500 8108 8108	7804 10500 7804 2796	7765 10600 7765 2835	7397 10600 7397 3203	7273 10500 7273 3227	7163 10400 7163 3237	7234 10600 7234 3366	7622 10400 7622 2802
HENRYS FORK NATURAL NR LAKE	87 110 87 24	112 106 112 -6	66 85 66 19	34 86 34 52	57 103 57 46	71 109 71 39	123 92 123 -31	120 76 120 -44	82 49 82 -33	23 78 23 55	1 104 1 103	5 93 5 88	28 87 28 60	62 63 62 2	22 45 22 23	21 40 21 19	23 43 23 21	-5 55 -5 60
HENRYS FORK NATURAL NR ISLAND PARK	637 1140 637 503	572 1140 572 568	556 1140 556 584	559 1270 559 711	630 1350 630 720	695 1350 695 656	728 1320 728 592	665 1320 665 655	620 1330 620 655	537 1330 537 793	516 1340 516 824	528 1350 528 822	547 1330 547 822	594 1240 594 646	542 1240 542 699	544 1230 544 687	543 1220 543 677	520 1230 520 710
HENRYS FORK NATURAL NR ASHTON	1502 1980 1500 480	1437 2060 1434 626	1452 2060 1452 611	1491 2240 1486 754	1504 2190 1504 629	1609 2190 1609 584	1625 2180 1625 558	1529 2170 1529 543	1484 2180 1484 699	1393 2140 1393 749	1368 2180 1368 815	1365 2150 1365 788	1312 2130 1312 761	1425 2070 1425 650	1374 2080 1374 711	1392 2090 1392 701	1410 2090 1410 682	1403 2130 1403 728
GRASSY LAKE NATURAL OUTFLOW	39 27 39 -12	32 47 32 15	37 47 37 10	42 47 42 5	36 47 36 11	47 47 47 0	47 47 47 0	47 47 47 0	47 47 47 0	38 47 38 9	29 47 29 18	20 47 20 27	2 47 2 45	9 47 9 38	19 47 19 29	28 47 28 19	45 47 45 2	47 47 47 0
FALLS P. NR NATURAL SQUIRREL	947 730 758 -28	940 789 790 -1	891 766 768 -2	869 702 712 -10	821 661 664 -3	819 648 662 -14	806 636 649 -13	794 615 626 -11	788 610 620 -10	777 609 611 -2	766 607 611 7	748 597 581 16	728 592 560 32	729 586 602 -16	753 603 602 -150	785 619 785 -166	795 612 785 -12	867 737 745 -8
FALLS R. NR NATURAL CHESTER	984 208 423 -215	992 260 423 -180	1158 405 460 -55	1089 335 386 -51	1002 291 326 -35	1002 270 438 -168	985 265 424 -159	968 240 409 -169	947 227 399 -172	956 225 404 -184	937 234 444 -210	898 224 412 -188	878 218 385 -167	884 216 530 -314	889 220 670 -452	909 218 689 -469	916 218 428 -210	975 301 457 -156
HENRYS FORK NATURAL AT ST ANTHONY	2513 975 824 151	2476 1030 835 195	2649 1230 878 352	2590 1240 857 383	2576 1250 916 334	2612 1220 1050 170	2626 1200 1005 195	2551 1140 882 259	2481 1120 829 291	2408 1080 808 272	2357 1050 846 204	2311 1050 846 139	2294 1010 900 110	2345 943 1077 -134	2305 909 1175 -266	2335 920 1213 -243	2350 938 1213 -56	2368 1030 984 179

SOME DATA AFFECTED BY ROUNDING

TABLE 11 (continued)

MONTH OF AUGUST			DISCHARGE IN CUBIC FEET PER SECOND												RUN DATE 02/23/79		
STATION			DAY (WINTER TIME)												CFS DAYS 1-15	CFS DAYS 16-31	TOTALS AC FT
			19	20	21	22	23	24	25	26	27	28	29	30			
SNAKE R. NR MURAN	NATURAL	1197	1168	1155	1453	1088	1811	1110	540	830	216	875	1161	799	20349	15921	71941
	OBSERVED	2060	2050	2050	2040	2030	2030	2040	2120	2120	2120	2120	2110	2110	25620	32910	116094
	REM NAT	1197	1168	1155	1453	1088	1811	1110	540	830	216	875	1161	799	20349	15921	71941
SNAKE R. NR IRWIN	NATURAL	863	882	895	597	952	219	920	1500	1290	1904	1245	949	1311	5275	16989	44160
	OBSERVED	7233	7100	6891	6888	6378	6932	6010	5276	5494	4769	5406	5569	5073	131710	99015	457643
	REM NAT	8470	7740	6980	6730	5980	5720	5870	6260	6250	6250	6250	6250	6250	156210	115740	539412
SNAKE R. NR HEISE	NATURAL	7233	7100	6891	6888	6378	6932	6010	5276	5494	4769	5406	5569	5073	131710	99015	457643
	OBSERVED	1238	640	859	92	352	-952	-290	595	766	1481	854	681	1187	24502	16727	81777
	REM NAT	7233	7100	6891	6888	6378	6932	6010	5276	5494	4769	5406	5569	5073	131710	99015	457643
HENRYS FORK NR LAKE	NATURAL	27	-18	-12	-11	-12	39	26	63	37	34	19	5	3	893	239	2245
	OBSERVED	69	65	64	62	62	70	62	59	59	57	53	51	51	1286	922	4379
	REM NAT	27	-18	-12	-11	-12	39	26	63	37	34	19	5	3	893	239	2245
HENRYS FORK NR ISLAND PARK	NATURAL	43	83	76	73	74	31	36	-4	22	23	34	46	48	397	685	2146
	OBSERVED	531	455	496	513	549	649	614	633	567	543	481	485	485	8926	8608	34778
	REM NAT	1210	1160	1150	1150	1140	1140	1140	1110	996	956	808	751	751	19190	17551	72875
HENRYS FORK NR ASHTON	NATURAL	679	705	654	637	601	501	527	507	543	453	475	323	266	10266	8945	38105
	OBSERVED	1438	1378	1428	1466	1503	1595	1559	1561	1473	1439	1353	1331	1329	21990	23058	89352
	REM NAT	1437	1377	1427	1462	1499	1591	1554	1560	1472	1438	1352	1328	1327	21944	23023	89192
GRASSY LAKE OUTFLOW	NATURAL	714	713	643	679	601	459	496	500	498	422	418	292	273	10058	8819	37442
	OBSERVED	47	-15	-15	-16	-27	36	36	36	47	47	47	47	47	491	382	1731
	REM NAT	47	-15	-15	-16	-27	36	36	36	47	47	47	47	47	491	382	1731
FALUS R. NR SQUIRREL	NATURAL	0	62	62	63	74	11	11	11	0	0	55	0	0	195	370	1120
	OBSERVED	860	748	810	970	799	805	770	768	783	760	675	722	725	12176	12642	49226
	REM NAT	783	676	738	919	766	711	677	676	680	658	653	647	650	9751	11202	41560
FALUS R. NR CHESTER	NATURAL	786	620	682	863	695	703	669	668	683	661	601	650	653	9956	11088	41740
	OBSERVED	-3	56	56	56	71	8	8	8	-3	-3	52	-3	-3	-205	114	-180
	REM NAT	-3	56	56	56	71	8	8	8	-3	-3	52	-3	-3	-205	114	-180
HENRYS FORK AT ST ANTHONY	NATURAL	1114	938	973	1217	1054	1030	985	958	971	980	877	894	910	14569	15705	60048
	OBSERVED	467	347	363	632	528	455	416	398	393	413	388	373	357	3836	6269	20043
	REM NAT	498	307	323	577	472	463	502	480	523	535	455	481	497	6555	7707	28288
SOME DATA AFFECTED BY ROUNDING	NATURAL	-31	40	40	35	56	-8	-86	-82	-130	-122	-67	-108	-140	-2719	-1438	-8245
	OBSERVED	2526	2266	2350	2632	2505	2576	2482	2462	2395	2384	2222	2247	2273	37094	38373	149688
	REM NAT	1290	1250	1330	1720	1640	1470	1420	1420	1370	1300	1230	1100	1040	16447	20468	73220
	NATURAL	944	780	855	1289	1255	1243	1277	1269	1292	1372	1156	1180	1308	13793	18318	63692
	OBSERVED	346	470	475	431	385	187	143	151	78	-72	74	-80	-268	2655	2150	9530
	REM NAT	346	470	475	431	385	187	143	151	78	-72	74	-80	-268	2655	2150	9530

TABLE 12

MONTH OF AUGUST		DISCHARGE IN CUBIC FEET PER SECOND										RUN DATE 02/23/77							
STATION		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
		DAY (MILNEP TIME)																	
TETON R. NR NATURAL	1119	1263	1240	1067	955	923	884	858	817	801	811	774	750	739	659	673	691		
ST ANTHONY OBSERVED	1140	1330	1400	1330	1210	1100	1050	1010	1010	1040	1050	1010	972	983	906	917	944		
REM NAT	1080	1077	1229	1210	1043	937	859	825	790	793	806	774	747	734	654	667	686		
STORED	110	123	101	190	287	274	196	185	220	248	244	236	226	249	252	250	258		
HENKYS FUNK NATURAL	4256	4246	4664	4650	4487	4352	4087	3982	3877	3836	3776	3707	3706	3639	3637	3747	3897		
NR REXBURG OBSERVED	1110	1520	1710	1800	1650	1490	1370	1290	1210	1200	1120	1030	1010	1020	1030	1180	1480		
REM NAT	858	930	1168	1212	1223	1177	1096	897	823	766	821	1039	991	1131	1168	1172	981		
STORED	253	590	542	588	427	313	274	393	387	444	379	81	39	-121	-148	-142	199	520	
WILLOW CR NATURAL	51	51	51	50	55	53	51	50	44	42	40	38	37	36	36	35	35	40	
OBSERVED	18	19	18	28	80	183	209	207	206	207	206	206	206	205	204	204	202		
REM NAT	50	49	49	48	53	52	50	49	42	40	38	36	35	35	34	34	38		
STORED	-32	-30	-31	-20	27	132	159	159	164	167	168	170	171	170	170	170	164		
SHAKE P. NR NATURAL	17208	17426	18029	17987	17484	16652	15964	15336	14625	14298	13900	13524	13357	12907	12701	12694	13014	13605	
OBSERVED	4870	5620	5900	5470	5070	4750	4310	4210	4160	4290	4030	3910	3860	4090	4210	4640	5360	5610	
SHELLEY REM NAT	5643	5929	6415	6406	6110	5803	4901	4339	3577	3412	3190	3168	3148	3141	3097	3057	2892	2993	
STORED	-773	-309	-515	-936	-1040	-1053	-591	-129	583	879	840	742	712	949	1113	1583	2468	2617	
SHAKE R. NR NATURAL	17624	18053	18668	18608	17927	16923	16257	15656	15054	14823	14460	14122	13959	13561	13475	13692	14126	14710	
OBSERVED	2230	2860	2580	2190	1850	1470	1320	1250	1540	1510	1290	1220	1370	1680	2040	2920	3550	3580	
REM NAT	2568	3071	3598	3608	3166	2684	1894	1371	737	644	560	598	602	654	775	998	1112	1360	
STORED	-358	-211	-1038	-1418	-1316	-1214	-574	-121	803	866	730	622	769	1026	1265	1922	2438	2220	
SHAKE R. AT NATURAL	19989	20303	21010	21017	20373	19467	19043	18419	18065	17890	17549	17413	17108	16593	16225	16278	17010	17463	
OBSERVED	12200	12000	11900	12100	12000	11800	11800	11800	11900	12000	12000	12100	12200	12300	12300	12200	11700	11300	
REM NAT	4953	5320	5940	6017	5612	5228	4680	4134	3748	3712	3650	3890	3751	3686	3524	3584	3995	4114	
STORED	7247	6480	5960	6083	6389	6572	7120	7666	8152	8288	8351	8210	8449	8614	8776	8616	7705	7186	
SHAKE R. NR NATURAL	19787	20109	20813	20784	20171	19200	18694	18139	17717	17579	17284	17178	16921	16385	15984	16009	16926	17476	
OBSERVED	9150	9240	9250	9260	9240	9160	9140	9210	9220	9200	9300	9500	9510	9480	9490	9210	9140	9180	
MINIDOKA REM NAT	3400	3400	4017	4057	3683	3400	3400	3400	3400	3400	3384	3400	3400	3479	3284	3316	3544	3507	
STORED	5750	5840	5233	5203	5557	5760	5740	5820	5800	5916	5916	6100	6110	6001	6206	5894	5597	5674	
SHAKE R. AT NATURAL	19787	20109	20813	20784	20171	19200	18694	18139	17717	17579	17284	17178	16921	16303	15829	15843	16783	17369	
OBSERVED	296	292	282	279	278	279	279	282	281	286	285	287	287	291	408	319	507	743	
REM NAT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
STORED	296	292	282	279	278	279	279	282	281	286	285	287	287	291	408	319	507	743	

SOME DATA AFFECTED BY POUNDING

TABLE 12 (continued)

MONTH OF AUGUST		DISCHARGE IN CUBIC FEET PER SECOND														RUN DATE 02/23/79	
STATION	19	20	21	22	23	24	25	26	27	28	29	30	31	CFS DAYS		TOTALS AC FT	
														1-15	16-31		
TEJON R. NR NATURAL	934	934	802	899	994	910	853	806	781	782	769	705	660	14125	12852	53508	
ST ANTHONY OBSERVED	1220	1166	1010	1120	1200	1110	1060	1020	990	993	985	916	871	16885	16422	66064	
REM NAT	916	918	786	883	978	894	837	791	764	782	767	689	660	13809	12672	52525	
STORED	305	242	224	237	222	216	223	229	227	211	218	227	211	3080	3752	13551	
HENKYS FORK NATURAL	4332	4052	4059	4337	4226	4213	3961	3488	3828	3797	3586	3535	3545	61553	62640	246336	
NR REXBURG OBSERVED	1730	1700	2050	2310	2170	2040	1950	1880	1770	1720	1540	1410	1380	19740	27340	93383	
REM NAT	1168	1152	1170	1796	1812	1679	1528	1490	1519	1695	1349	1302	1425	15300	22198	74377	
STORED	562	549	880	514	358	361	422	390	251	25	191	108	-45	4441	5143	19009	
WILLOW CR NATURAL	45	50	55	57	55	55	51	46	44	42	41	40	39	685	730	2806	
NR RIRIE OBSERVED	200	200	199	198	197	197	196	195	194	194	193	194	192	2202	3159	10633	
REM NAT	43	48	53	55	54	53	50	44	42	40	39	38	37	2701	702	2701	
STORED	157	152	146	143	143	144	147	151	152	154	154	156	155	1544	2458	7937	
SNAKE R. NR NATURAL	14555	14299	14150	14589	14001	14543	13258	12196	12166	11228	11610	11748	11289	231398	208945	873420	
SHELLEY OBSERVED	5330	5140	5620	5500	5130	4630	3920	3730	3770	3560	3340	3270	3240	68750	71790	278761	
REM NAT	3861	4192	4280	5120	4752	5435	4468	3499	3363	2561	2715	2805	2734	68279	58727	251916	
STORED	1469	948	1340	380	378	-805	-548	231	407	999	625	465	506	472	13063	26846	
SNAKE R. NR NATURAL	15596	15244	14991	15375	14742	15093	13723	12675	12649	11747	12185	12354	11900	239170	220802	912354	
BLACKFOOT OBSERVED	3420	3600	3900	3680	3360	2560	1910	1810	1780	1430	1250	1270	1110	26380	41130	133906	
REM NAT	2286	2581	2683	3557	3179	3650	2537	1456	1280	519	575	678	611	26550	29062	110306	
STORED	1134	1019	1217	123	181	-1090	-627	354	500	911	675	592	499	-169	12068	23601	
SNAKE R. AT NATURAL	18328	17938	17471	17756	17260	17300	15815	14793	14646	13930	14524	14766	14610	280464	259888	1071788	
NEELY OBSERVED	10700	10400	10100	10200	10300	10400	10300	10400	10400	10400	10300	10300	9910	180400	169310	693649	
REM NAT	5018	5274	5163	5938	5697	5857	4629	3575	3276	2703	2915	3090	3321	67845	68149	269744	
STORED	5682	5126	4937	4262	4603	4543	5672	6425	7124	7697	7385	7211	6589	112557	101163	423913	
SNAKE R. NR NATURAL	18602	18323	17823	18136	17489	17431	15889	14785	14590	13879	14503	14799	14747	276745	261407	1067424	
MINIDOKA OBSERVED	8940	8630	8510	8490	8460	8430	8370	8330	8290	8350	8140	8070	7920	139350	136460	547069	
REM NAT	3566	3933	3769	4592	4200	4262	3400	3321	2651	2893	3123	3416	3416	52504	56813	216830	
STORED	5374	4697	4721	3899	4260	4169	4970	4930	5069	5699	5247	4947	4504	86846	79651	330246	
SNAKE R. AT NATURAL	18525	18307	17823	18136	17489	17431	15889	14785	14590	13879	14503	14781	14711	276508	260843	1065835	
MILNER OBSERVED	592	497	519	519	519	498	499	499	498	502	504	523	501	4392	8239	25053	
REM NAT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
STORED	592	497	519	519	519	498	499	499	498	502	504	523	501	4392	8239	25053	

SOME DATA AFFECTED BY ROUNDING

STATION	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Snake R. NR NATURAL MURAN	737	735	643	638	573	624	655	645	670	608	656	714	744	797	797	700	729	662
Snake R. NR NATURAL IRWIN	5022	4854	4803	4639	4795	4652	4551	4613	4252	4240	4239	4238	4540	4564	4425	4502	4444	4570
Snake R. NR NATURAL HEISE	5668	5492	5415	5240	5391	5242	5145	5194	4830	4853	4852	4876	5165	5181	5086	5146	5073	5201
Henry's Fork NATURAL NR LAKE	13	50	22	19	5	-22	-23	15	0	24	36	22	48	88	104	108	110	49
Henry's Fork NATURAL NR ISLAND	495	549	484	508	518	507	523	543	501	517	530	524	594	667	639	678	679	576
Henry's Fork NATURAL NR ASHTON	1340	1397	1334	1355	1364	1362	1379	1405	1362	1374	1409	1419	1507	1575	1507	1546	1528	1435
Grassy Lake NATURAL OUTFLOW	47	102	47	-74	-74	-74	-111	1	-8	-17	11	10	16	13	22	31	29	24
Falls R. NR NATURAL SQUIRREL	717	768	707	581	573	568	530	643	636	642	681	628	612	695	804	784	758	734
Falls R. NR NATURAL CHESTER	857	948	881	749	740	718	688	798	784	776	816	844	851	803	796	915	1070	1003
Henry's Fork NATURAL AT ST ANTHONY	2234	2380	2253	2156	2166	2147	2129	2257	2202	2204	2267	2302	2387	2417	2372	2533	2693	2550

TABLE 13 (continued)

MONTH OF SEPTEMBER			DISCHARGE IN CUBIC FEET PER SECOND												RUN DATE 02/23/79	
STATION	DAY (WINTER TIME)												CFS DAYS 1-15	CFS DAYS 16-31	TOTALS AC FT	
SNARE R. - NR MORAN	19	20	21	22	23	24	25	26	27	28	29	30	31			
NATURAL	558	544	436	448	585	611	575	580	491	489	514	546	0	10240	8472	37115
OBSERVED	678	535	426	385	403	403	403	400	398	398	398	397	0	93820	9037	79254
REM NAT	558	544	436	448	585	611	575	580	491	489	514	546	0	10240	8472	37115
STORED	120	-9	-10	-63	-182	-208	-172	-177	-91	-91	-120	-149	0	20682	565	42143
SNARE R. - NR IRWIN	4720	4766	4583	4607	4843	4765	4707	4727	4477	4400	4373	4361	0	68427	68845	272279
NATURAL	3860	3870	3840	3820	3940	3780	3780	3750	3760	3750	3770	3760	0	93860	59860	304863
OBSERVED	4720	4766	4583	4607	4843	4765	4707	4727	4477	4400	4373	4361	0	68427	68845	272279
REM NAT	4720	4766	4583	4607	4843	4765	4707	4727	4477	4400	4373	4361	0	68427	68845	272279
STORED	-860	-896	-143	-787	-1003	-985	-927	-977	-717	-650	-603	-601	0	25413	-8984	32586
SNARE P. - NR HEISE	5262	5256	5050	5003	5239	5176	5126	5146	4895	4814	4781	4762	0	77630	75930	304586
NATURAL	4260	4240	4220	4240	4240	4210	4190	4170	4160	4160	4160	4150	0	102800	66410	335628
OBSERVED	5258	5252	5046	4999	5235	5172	5122	5143	4892	4811	4778	4759	0	77595	75851	304360
REM NAT	5258	5252	5046	4999	5235	5172	5122	5143	4892	4811	4778	4759	0	77595	75851	304360
STORED	-998	-1012	-826	-759	-995	-962	-932	-973	-732	-651	-618	-609	0	25207	-9441	31271
HEMRY'S FORK NR LAKE	77	51	38	48	19	44	45	47	48	47	44	40	0	401	815	2411
NATURAL	57	46	46	43	41	44	50	54	44	38	38	39	0	608	689	2572
OBSERVED	0	0	0	0	0	0	0	0	0	0	0	0	0	401	22	839
REM NAT	0	0	0	0	0	0	0	0	0	0	0	0	0	401	22	839
STORED	57	46	46	43	41	44	50	54	44	38	38	39	0	207	667	1733
HEMRY'S FORK NR ISLAND PARK	573	520	501	518	551	588	558	548	577	535	555	578	0	8099	8535	32993
NATURAL	298	228	190	189	194	193	193	191	262	304	311	302	0	10510	4331	29437
OBSERVED	496	469	463	470	533	545	514	500	529	488	512	538	0	8099	7745	31426
REM NAT	496	469	463	470	533	545	514	500	529	488	512	538	0	8099	7745	31426
STORED	-198	-241	-273	-281	-339	-352	-321	-309	-267	-184	-201	-236	0	2412	-3414	-1987
HEMRY'S FORK NR ASHTON	1475	1414	1432	1556	1635	1680	1622	1496	1442	1368	1362	1382	0	21089	22373	86206
NATURAL	1240	1120	1200	1490	1320	1120	1090	1030	1050	1100	1100	1130	0	23420	18120	82394
OBSERVED	159	243	193	18	296	516	487	419	344	221	218	212	0	19696	3460	45929
REM NAT	159	243	193	18	296	516	487	419	344	221	218	212	0	19696	3460	45929
STORED	-159	-243	-193	-18	-296	-516	-487	-419	-344	-221	-218	-212	0	2344	-3460	-2213
GRASSY LAKE DUFFLOW	12	2	-4	2	2	0	0	0	0	0	0	0	0	-89	98	17
NATURAL	0	0	0	0	0	0	0	0	0	0	0	0	0	705	47	1491
OBSERVED	0	0	0	0	0	0	0	0	0	0	0	0	0	-89	-4	-184
REM NAT	0	0	0	0	0	0	0	0	0	0	0	0	0	794	51	1676
STORED	0	0	4	0	0	0	0	0	0	0	0	0	0	794	51	1676
FALLS R. - NR SQUIRREL	697	681	685	691	673	675	666	660	700	698	679	654	0	9785	10415	40066
NATURAL	606	581	611	611	592	597	591	585	625	626	607	582	0	9451	9218	37029
OBSERVED	606	581	611	611	592	597	591	585	625	626	607	582	0	9451	9218	37029
REM NAT	606	581	611	611	592	597	591	585	625	626	607	582	0	9451	9218	37029
STORED	0	0	4	0	0	0	0	0	0	0	0	0	0	104	51	307
FALLS R. - NR CHESTER	883	838	804	791	832	830	806	798	818	821	805	773	0	12049	12787	49262
NATURAL	528	505	485	464	503	505	486	481	502	508	492	463	0	5647	7565	26206
OBSERVED	529	506	482	465	504	506	487	482	503	509	493	464	0	7578	7529	29664
REM NAT	529	506	482	465	504	506	487	482	503	509	493	464	0	7578	7529	29664
STORED	-1	-1	3	-1	-1	-1	-1	-1	-1	-1	-1	-1	0	-1931	36	-3758
HEMRY'S FORK AT ST ANTHONY	2476	2394	2361	2446	2563	2608	2552	2450	2415	2333	2304	2278	0	33873	36956	140489
NATURAL	1310	1240	1240	1550	1510	1350	1310	1260	1260	1310	1310	1290	0	15884	20200	71572
OBSERVED	1611	1588	1592	1671	1822	1857	1813	1711	1677	1606	1585	1558	0	20582	24839	90092
REM NAT	1611	1588	1592	1671	1822	1857	1813	1711	1677	1606	1585	1558	0	20582	24839	90092
STORED	-301	-348	-312	-121	-312	-507	-503	-451	-417	-296	-275	-268	0	-4698	-4639	-18519

SOME DATA AFFECTED BY ROUNDING

MONTH OF SEPTEMBER

TABLE 14
DISCHARGE IN CUBIC FEET PER SECOND

STATION

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

DAY (WINTER TIME)

RUN DATE 02/23/79

TETON R. NR NATURAL ST ANTHONY OBSERVED REM NAT STORED	645 860 645 215	655 872 655 217	642 848 640 208	643 849 641 208	644 859 647 212	647 866 645 221	651 865 649 216	629 853 629 224	627 850 627 223	645 868 645 223	664 887 664 223	703 926 703 223	761 914 748 166	718 855 705 150	690 831 677 154	723 866 710 156	831 958 810 148	872 1000 852 148
HENRY'S FORK NR HEXBURG OBSERVED REM NAT STORED	3529 1400 1381 20	3722 1360 1561 -201	3595 1310 1632 -322	3481 1320 1676 -356	3461 1300 1660 -360	3422 1240 1634 -394	3398 1220 1595 -375	3486 1240 1747 -507	3404 1190 1660 -470	3445 1340 1680 -340	3538 1630 1990 -360	3644 1750 1815 -65	3810 1770 1774 -4	3806 1790 1693 97	3761 1820 1818 2	3961 2110 2066 45	4252 2240 2324 -84	4124 2200 2318 -118
WILLOW CR NR RIRIE OBSERVED REM NAT STORED	36 192 36 156	37 192 36 156	37 190 35 155	36 191 34 157	36 192 35 157	35 191 34 157	34 191 33 158	33 191 32 160	31 192 29 163	30 193 28 165	30 192 29 163	31 191 29 162	32 192 30 162	32 191 30 159	32 191 30 157	34 191 32 135	53 188 53 127	59 186 59 124
SNAKE R. NR NATURAL SHELLEY OBSERVED REM NAT STORED	11198 3060 2702 358	11201 2860 2681 179	10998 2720 2624 96	10710 2810 2623 187	10845 2730 2642 88	10699 2660 2592 68	10836 2700 2598 192	10773 2530 2614 -84	10365 2560 2257 303	10475 2920 2349 571	10636 3300 2576 724	10843 3600 2608 992	11381 3730 2558 1172	11516 4150 2647 1503	11526 4380 2587 1500	11850 4900 2877 523	12059 4980 3552 -72	11925 4630 3934 -804
SNAKE R. NR NATURAL BLACKFOOT OBSERVED REM NAT STORED	11839 910 641 269	11821 725 620 105	11573 653 576 78	11249 653 539 114	11354 552 514 38	11217 571 518 59	11159 577 521 56	11328 485 525 -40	10966 584 555 29	11106 1020 584 436	11324 1450 643 807	11594 1790 734 1056	12238 2240 858 1383	12509 2980 1257 1723	12579 3530 2028 1502	12948 3740 3290 450	13036 3740 4197 -457	12695 3240 4408 -1168
SNAKE R. AT NATURAL NEELEY OBSERVED REM NAT STORED	14434 9910 3236 6674	14482 9760 3281 6479	14149 9570 3151 6419	13703 9380 2994 6386	13886 9010 3040 5970	14104 8740 3406 5335	13704 8040 3067 4974	13749 7360 2946 4415	13294 7160 2883 4277	13447 6960 2925 4035	13595 6760 2914 3846	13731 6180 2871 3309	14284 5180 2903 2277	14743 4530 2939 1039	14861 4400 2891 90	15231 4500 3491 -1039	15217 4510 1823 -2232	15053 4510 2232 -2232
SNAKE R. NR NATURAL MINIDOKA OBSERVED REM NAT STORED	14515 7710 3316 4394	14512 7640 3311 4329	14237 7630 3239 4391	13710 7560 3000 4560	14018 7440 3173 4267	14249 7240 3180 4060	13851 6680 3030 3930	13846 6030 2730 3300	13237 5570 2790 2780	13443 5630 2610 2910	13361 5310 2400 2400	13372 5150 2100 3050	14024 4310 2044 2267	14512 3850 2656 1194	14739 3890 885 305	15035 3720 2040 -1020	14777 3830 2609 -1479	14550 3790 2935 -1845
SNAKE R. AT NATURAL MILNER OBSERVED REM NAT STORED	14515 523 0 523	14512 523 0 523	14237 504 0 504	13710 519 0 519	14018 504 0 504	14249 769 0 769	13851 1140 0 1140	13846 624 0 624	13237 629 0 629	13443 624 0 624	13361 564 0 564	13372 543 0 543	14024 818 0 818	14667 968 0 968	15031 875 207 668	15580 543 207 -1073	15356 510 543 -1703	14931 509 2711 -2202

SOME DATA AFFECTED BY ROUNDING

TABLE 13 (continued)

MONTH OF SEPTEMBER			DISCHARGE IN CUBIC FEET PER SECOND															RUN DATE 02/23/79		
STATION			DAY (MILWAUKEE TIME)															CFS DAYS 1-15	CFS DAYS 16-31	TOTALS AC FT
			19	20	21	22	23	24	25	26	27	28	29	30	31					
SLAKE R. NR MURAN	NATURAL	558	544	436	448	585	611	575	580	491	489	518	546	0	10240	8472	37115			
	OBSERVED	678	535	426	385	403	403	403	403	400	398	398	397	0	30920	9037	79254			
	REM NAT	558	544	436	448	585	611	575	580	491	489	518	546	0	10240	8472	37115			
	STORED	120	-9	-10	-63	-182	-208	-172	-177	-91	-91	-120	-149	0	20682	565	42143			
SLAKE R. NR IRWIN	NATURAL	4720	4766	4583	4607	4843	4765	4707	4727	4477	4400	4373	4361	0	68427	68845	272279			
	OBSERVED	3860	3870	3840	3820	3840	3780	3780	3750	3760	3750	3770	3760	0	93840	59860	304863			
	REM NAT	4720	4766	4583	4607	4843	4765	4707	4727	4477	4400	4373	4361	0	68427	68845	272279			
	STORED	-860	-896	-743	-787	-1003	-985	-927	-977	-717	-650	-603	-601	0	25413	-8984	32586			
SLAKE P. NR HEISE	NATURAL	5262	5256	5050	5003	5239	5176	5126	5146	4895	4814	4781	4762	0	77630	75930	304586			
	OBSERVED	4260	4240	4220	4240	4240	4210	4190	4170	4160	4160	4160	4150	0	102800	66410	335628			
	REM NAT	5258	5252	5046	4999	5235	5172	5122	5143	4892	4811	4778	4759	0	77595	75851	304360			
	STORED	-998	-1012	-826	-759	-995	-962	-932	-973	-732	-651	-618	-609	0	25207	-9441	31271			
HENRYS FORK NR LAKE	NATURAL	77	51	38	48	19	44	45	47	48	47	44	40	0	401	815	2411			
	OBSERVED	57	46	46	43	41	44	50	54	44	38	38	39	0	608	689	2572			
	REM NAT	0	0	0	0	0	0	0	0	0	0	0	0	0	401	22	839			
	STORED	57	46	46	43	41	44	50	54	44	38	38	39	0	207	667	1733			
HENRYS FORK NR ISLAND PARK	NATURAL	573	520	501	518	551	588	558	548	577	535	555	578	0	8099	8535	32993			
	OBSERVED	298	228	190	189	194	193	193	191	262	304	311	302	0	10510	4331	29437			
	REM NAT	496	469	463	470	533	545	514	500	529	488	512	538	0	8099	7745	31426			
	STORED	-198	-241	-273	-281	-339	-352	-321	-309	-267	-184	-201	-236	0	2412	-3414	-1987			
HENRYS FORK NR ASHTON	NATURAL	1475	1414	1432	1556	1635	1680	1622	1496	1442	1368	1362	1382	0	21089	22373	86206			
	OBSERVED	1240	1120	1200	1490	1320	1120	1090	1030	1050	1100	1100	1130	0	23420	18120	82394			
	REM NAT	159	243	193	18	296	516	487	419	344	221	218	212	0	19896	3460	45929			
	STORED	-159	-243	-193	-18	-296	-516	-487	-419	-344	-221	-218	-212	0	2344	-3460	-2213			
GRASSY LAKE OUTFLOW	NATURAL	12	2	-4	2	2	0	0	0	0	0	0	0	0	-89	98	17			
	OBSERVED	0	0	0	0	0	0	0	0	0	0	0	0	0	705	47	1491			
	REM NAT	0	0	-4	0	0	0	0	0	0	0	0	0	0	-89	-4	-184			
	STORED	0	0	4	0	0	0	0	0	0	0	0	0	0	794	51	1676			
FALLS R. NR SQUIRREL	NATURAL	697	601	685	691	673	675	666	660	700	698	679	654	0	9785	10415	40066			
	OBSERVED	606	581	611	592	592	597	591	585	625	626	607	582	0	9451	9218	37029			
	REM NAT	606	581	607	611	592	597	591	585	625	626	607	582	0	9347	9167	36722			
	STORED	0	0	4	0	0	0	0	0	0	0	0	0	0	104	51	307			
FALLS R. NR CHESTER	NATURAL	843	838	804	791	832	830	806	798	818	821	805	773	0	12049	12787	49262			
	OBSERVED	528	505	485	464	503	505	486	481	502	508	492	463	0	5647	7565	26206			
	REM NAT	529	506	482	465	504	506	487	482	503	509	493	464	0	7578	7529	29644			
	STORED	-1	-1	3	-1	-1	-1	-1	-1	-1	-1	-1	-1	0	-1931	36	-3758			
HENRYS FORK AT ST ANTHONY	NATURAL	2476	2394	2361	2446	2563	2608	2552	2450	2415	2333	2304	2278	0	33873	36956	140489			
	OBSERVED	1310	1240	1240	1550	1510	1350	1310	1260	1260	1310	1310	1290	0	15884	20200	71572			
	REM NAT	1611	1588	1592	1671	1822	1857	1813	1711	1577	1606	1585	1558	0	20582	24839	90092			
	STORED	-301	-348	-312	-121	-312	-507	-503	-451	-417	-296	-275	-268	0	-4698	-4639	-18519			

SOME DATA AFFECTED BY ROUNDING

TABLE 13

DISCHARGE IN CUBIC FEET PER SECOND

MONTH OF SEPTEMBER

STATION	DAY (MILNER TIME)																		RUN DATE	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	02/23/79	
SLAKE R. NR NATURAL MURAN	737	735	643	638	573	624	655	645	670	608	656	718	744	797	797	700	729	662		
REMARKS	2100	2100	2090	2080	2080	2070	2070	2060	2050	2050	2040	2040	2040	2030	2020	1680	1200	928		
REMARKS	737	735	643	638	573	624	655	645	670	608	656	718	744	797	797	700	729	662		
STORED	1363	1365	1447	1442	1508	1446	1415	1416	1380	1442	1384	1322	1296	1233	1223	980	471	266		
SLAKE R. NR NATURAL IRWIN	5022	4854	4803	4639	4795	4652	4551	4613	4252	4240	4239	4238	4540	4564	4425	4502	4444	4570		
REMARKS	6250	6270	6350	6430	6450	6450	6440	6580	6590	6400	6260	6160	6060	5730	5420	5250	4930	4100		
REMARKS	5022	4854	4803	4639	4795	4652	4551	4613	4252	4240	4239	4238	4540	4564	4425	4502	4444	4570		
STORED	1228	1416	1547	1791	1655	1798	1889	1967	2338	2160	2021	1922	1520	1166	995	749	486	-470		
SLAKE R. NR NATURAL HEISE	5668	5492	5415	5240	5391	5242	5145	5194	4830	4853	4852	4876	5165	5181	5086	5146	5073	5201		
REMARKS	6850	6860	6890	7010	7030	7020	7000	7110	7160	7110	6820	6790	6580	6410	6160	5820	5390	4800		
REMARKS	5668	5492	5415	5240	5391	5242	5145	5194	4830	4853	4852	4876	5165	5181	5086	5146	5073	5201		
STORED	1182	1368	1475	1770	1639	1778	1855	1916	2330	2258	1968	1914	1416	1247	1091	690	329	-393		
HENRY'S FORK NR LAKE	13	50	22	19	5	-22	-23	15	0	24	36	36	22	48	104	108	110	49		
REMARKS	48	49	41	38	44	42	38	38	36	35	34	34	39	44	48	48	47	54		
REMARKS	13	50	22	19	5	-22	-23	15	0	24	36	36	22	48	104	108	110	49		
STORED	35	0	19	19	39	64	61	23	35	11	-2	12	-9	-44	-56	26	47	54		
HENRY'S FORK NR ISLAND	495	549	484	508	518	507	523	543	501	517	530	524	594	667	639	678	679	576		
REMARKS	752	724	698	699	695	696	696	693	700	706	705	708	714	713	611	534	490	452		
REMARKS	495	549	484	508	518	507	523	543	501	517	530	524	594	667	639	678	679	576		
STORED	257	175	214	191	177	189	173	150	199	189	175	184	121	46	-28	-58	-79	-75		
HENRY'S FORK NR ASHTON	1340	1397	1334	1355	1364	1362	1379	1405	1362	1374	1409	1419	1507	1575	1507	1546	1528	1435		
REMARKS	1620	1550	1530	1540	1560	1560	1530	1560	1560	1560	1630	1640	1650	1550	1380	1460	1350	1320		
REMARKS	1337	1395	1333	1354	1363	1361	1379	1405	1360	1373	1408	1419	1507	1575	127	0	69	65		
STORED	283	155	197	186	197	199	151	155	200	187	222	221	143	-25	-127	0	-69	-65		
GRASSY LAKE OUTFLOW	47	102	47	-74	-74	-74	-111	1	-8	-17	11	10	16	13	22	31	29	24		
REMARKS	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47	0		
REMARKS	47	102	47	-74	-74	-74	-111	1	-8	-17	11	10	16	13	22	31	29	24		
STORED	0	-55	0	121	121	121	158	46	55	64	36	37	31	34	25	47	0	0		
FALLS R. NR NATURAL SQUIRREL	717	768	707	581	573	568	530	643	636	642	681	628	612	695	804	784	758	734		
REMARKS	642	638	632	627	619	614	613	614	616	631	642	590	568	653	752	723	650	631		
REMARKS	645	696	707	581	573	568	530	643	636	642	681	628	612	695	804	784	758	734		
STORED	-3	-58	-75	46	46	46	83	-29	-20	-11	-39	34	28	31	25	47	0	0		
FALLS R. NR NATURAL CHESTER	857	948	881	749	740	718	688	798	784	776	816	844	851	803	796	915	1070	1003		
REMARKS	354	438	432	419	348	336	343	349	351	350	361	391	421	382	372	474	591	578		
REMARKS	441	532	646	512	512	490	458	576	568	560	599	509	475	352	348	428	592	579		
STORED	-87	-94	-214	-93	-164	-154	-115	-227	-217	-210	-238	-118	-54	30	24	46	-1	-1		
HENRY'S FORK AT ST	2234	2380	2253	2156	2166	2147	2129	2257	2202	2204	2267	2302	2387	2417	2372	2533	2693	2550		
REMARKS	1050	1080	1030	1020	963	948	934	962	968	929	1080	1190	1290	1240	1200	1340	1440	1440		
REMARKS	1265	1403	1396	1278	1318	1301	1286	1418	1364	1353	1540	1490	1411	1353	1406	1470	1648	1630		
STORED	-215	-323	-366	-258	-355	-353	-352	-456	-396	-424	-460	-309	-121	-113	-206	-130	-208	-190		

SOME DATA AFFECTED BY ROUNDING

TABLE 14 (continued)

MONTH OF SEPTEMBER		DISCHARGE IN CUBIC FEET PER SECOND														RUN DATE	
		DAY (MILNER TIME)														02/23/79	
STATION		19	20	21	22	23	24	25	26	27	28	29	30	31	CFS DAYS 1-15	CFS DAYS 16-31	TOTALS AC FT
TEJON R. NR ST ANTHONY	NATURAL OBSERVED REM NAT STORED	857 985 837 148	802 892 782 110	728 761 709 52	704 740 688 52	699 736 685 51	721 754 707 47	740 768 726 42	721 753 711 42	678 715 673 42	660 699 657 42	637 678 636 40	633 672 632 40	0	9969 13003 9920 3083	11006 11977 10815 1162	41603 49547 41127 8419
HENRYS FORK NR REXBURG	NATURAL OBSERVED REM NAT STORED	4011 2100 2273 -173	3847 1950 2223 -273	3753 2030 2202 -172	3801 2140 2285 -145	3873 2080 2455 -375	3918 1980 2499 -519	3818 1930 2416 -486	3681 1880 2286 -406	3615 1870 2223 -353	3513 1880 2098 -253	3459 1840 2088 -258	3423 1820 2088 -248	0	53502 21680 25316 -3635	57049 30050 33869 -3818	219277 102606 117393 -14783
WILLOW CR NR KIRIE	NATURAL OBSERVED REM NAT STORED	66 187 66 121	49 186 49 137	45 184 45 140	41 185 41 144	40 185 41 145	41 187 41 146	44 189 44 145	45 186 45 141	44 185 44 141	42 190 42 148	39 191 39 152	38 189 38 151	0	506 2872 486 2387	710 2806 710 2097	2411 11262 2372 8894
SNARE R. NR SHELLLEY	NATURAL OBSERVED REM NAT STORED	11571 4090 4157 -1567	11196 3920 3982 -1602	10754 3920 3518 -1098	10634 4050 3466 -916	10873 3850 3875 -1525	10818 3810 3891 -1581	10608 3810 3794 -1484	10410 3730 3696 -1466	10046 3660 3355 -1195	9819 3500 2943 -943	9699 3220 2584 -864	9650 3000 2301 -801	0	163802 46910 37561 7849	161912 59030 51925 -15395	646053 210131 177495 -14967
SNARE R. NR BLACKFOOT	NATURAL OBSERVED REM NAT STORED	12207 2840 4520 -1680	11740 2690 4182 -1492	11368 2920 3758 -838	11315 2870 3795 -925	11585 2730 4315 -1585	11538 2720 4339 -1619	11230 2520 4144 -1624	10972 2330 3926 -1596	10542 2200 3524 -1304	10202 1900 2993 -1093	10016 1600 2563 -963	9910 1230 2089 -859	0	173861 18726 11113 7615	171304 39290 56043 -16753	684634 115074 133203 -18125
SNARE R. NR NEELEY	NATURAL OBSERVED REM NAT STORED	14696 4490 2494 -2494	14286 4510 2192 -2192	13527 4500 1391 -1391	13765 4500 1119 -1719	14305 4590 2419 -2419	14479 4550 2704 -2704	14181 4630 2434 -2434	13984 4620 2287 -2287	13746 4630 2066 -2066	13472 4610 1616 -2066	13119 4640 986 -1616	13011 4620 986 -531	0	210166 112940 43108 65525	212072 68430 27933 -27933	837509 359747 140909 74563
SNARE R. NR MINIDOKA	NATURAL OBSERVED REM NAT STORED	13966 3880 2945 -1765	13921 3720 3032 -2012	13352 3720 2411 -1391	13456 3540 2602 -1662	14178 3570 3568 -2698	14111 3540 3349 -2719	13795 3530 3349 -2519	13605 3480 3162 -2382	13442 3480 2938 -2158	13214 3780 2433 -1653	12877 3780 2433 -697	12837 4010 1777 -9	0	209626 91640 40184 48757	207116 53170 40679 -26009	826607 291197 160391 45120
SNARE R. AT MILNER	NATURAL OBSERVED REM NAT STORED	14279 1040 2735 -1695	14350 1750 3238 -1488	13981 2080 2943 -863	14367 2270 4895 -1421	15284 2250 4895 -2645	15256 2180 4636 -2751	14891 1980 4274 -2656	14534 1450 4274 -2824	14088 843 4636 -2779	13516 427 2639 -2217	12797 305 1494 -1189	12452 319 673 -354	0	210073 10127 207 9920	215662 18451 46311 -27860	844445 56684 92268 -35583

SOME DATA AFFECTED BY ROUNDING

TABLE 14

MONTH OF SEPTEMBER

DISCHARGE IN CUBIC FEET PER SECOND

RUN DATE 02/23/79

STATION	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
	DAY (WILNER TIME)																	
TETON R. NR NATURAL	645	655	642	643	644	647	651	629	627	645	664	703	761	718	690	723	831	872
ST ANTHONY OBSERVED	860	872	848	849	859	866	865	853	850	868	887	926	914	855	831	866	958	1000
REM NAT	645	655	640	641	647	649	649	629	627	645	664	703	748	705	677	710	810	852
STORED	215	217	208	208	212	221	216	224	223	223	223	223	160	150	154	156	148	148
HENRY'S FORK NATURAL	3529	3722	3595	3481	3461	3422	3398	3486	3404	3445	3538	3644	3810	3806	3761	3961	4252	4124
NR NEXBURG OBSERVED	1400	1360	1310	1320	1300	1240	1220	1240	1190	1340	1630	1750	1770	1790	1820	2110	2240	2200
REM NAT	1381	1561	1632	1676	1660	1634	1595	1747	1660	1680	1990	1815	1774	1693	1818	2066	2324	2318
STORED	20	-201	-322	-356	-360	-394	-375	-507	-470	-340	-360	-65	-4	97	2	45	-84	-118
WILLOW CR NATURAL	36	37	37	36	36	35	34	33	31	30	30	31	32	32	34	53	59	64
NR RIRIE OBSERVED	192	192	190	191	192	191	191	191	192	193	192	191	192	191	191	188	186	188
REM NAT	36	36	35	34	35	34	33	32	29	28	29	29	30	32	34	53	59	64
STORED	156	156	155	157	157	157	158	160	163	165	163	162	162	159	157	135	127	124
SNAKE R. NR NATURAL	11198	11201	10998	10710	10845	10699	10836	10773	10365	10475	10636	10843	11381	11516	11526	11850	12059	11925
OBSERVED	3060	2860	2720	2810	2730	2660	2700	2530	2560	2920	3300	3600	3730	4150	4580	4900	4980	4630
REM NAT	2702	2681	2624	2623	2642	2592	2508	2614	2257	2349	2576	2608	2558	2647	1580	2877	3552	3934
STORED	358	179	96	187	88	68	192	-84	303	571	724	992	1172	1503	1500	523	-72	-804
SNAKE R. NR NATURAL	11839	11821	11573	11249	11359	11217	11159	11328	10966	11106	11324	11594	12238	12509	12579	12948	13036	12695
BLACKFOOT OBSERVED	910	725	653	653	552	577	577	485	584	1020	1450	1790	2240	2980	3530	3740	3740	3240
REM NAT	641	620	576	539	514	518	521	525	555	584	643	734	858	1257	2028	3290	4197	4408
STORED	269	105	78	114	38	59	56	-40	29	436	807	1056	1383	1723	1502	450	-457	-1168
SNAKE R. AT NATURAL	14434	14482	14149	13703	13886	14104	13704	13749	13294	13447	13595	13731	14284	14743	14861	15231	15217	15053
OBSERVED	9910	9760	9570	9380	9010	8740	8040	7360	7160	6960	6760	6180	5180	4530	4400	4500	4530	4510
REM NAT	3236	3241	3151	2994	3040	3406	3067	2946	2883	2925	2914	2871	2903	3491	0	1039	1823	2232
STORED	6674	6479	6419	6386	5970	5335	4974	4415	4277	4035	3846	3309	2277	1039	90	-1039	-1823	-2232
SNAKE R. NR NATURAL	14515	14512	14237	13710	14018	14249	13851	13846	13237	13443	13361	13372	14024	14512	14739	15035	14777	14550
MINIIOKA OBSERVED	7710	7640	7630	7560	7440	7240	6680	6030	5570	5630	5310	5150	4310	3850	3890	3720	3830	3790
REM NAT	3316	3311	3239	3000	3173	3180	2750	2730	2790	2610	2400	2100	2084	2656	885	2040	2609	2935
STORED	4394	4329	4391	4560	4267	4060	3930	3300	2780	3020	2910	3050	2267	1194	305	-1020	-1479	-1845
SNAKE R. AT NATURAL	14515	14512	14237	13710	14018	14249	13851	13846	13237	13443	13361	13372	14024	14512	14739	15035	14777	14550
MILNER OBSERVED	523	523	504	519	504	769	1140	624	629	624	564	543	818	968	875	543	510	509
REM NAT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	207	1616
STORED	523	523	504	519	504	769	1140	624	629	624	564	543	818	968	668	-1073	-1703	-2202

SOME DATA AFFECTED BY ROUNDING

MONTH OF OCTOBER

DISCHARGE IN CUBIC FEET PER SECOND

TABLE 15

RUN DATE 02/23/79

STATION	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
SNAAKE R. NR NATURAL OBSERVED	523	484	513	517	450	456	391	352	373	357	367	364	365	376	364	334	361	329
REM NAT	411	356	297	296	281	261	258	251	247	247	247	247	244	247	247	244	237	233
STORED	523	484	513	517	450	456	391	352	373	357	367	364	365	376	364	334	361	329
SNAAKE R. NR NATURAL OBSERVED	-112	-128	-216	-221	-169	-195	-133	-101	-126	-110	-120	-117	-121	-129	-117	-90	-124	-96
REM NAT	4312	4289	4314	4240	4157	4030	3888	3806	3746	3746	3713	3684	3657	3619	3575	3485	3513	3497
STORED	3760	3750	3770	3770	3732	3732	3732	3732	3746	3746	3713	3684	3657	3619	3575	3485	3513	3497
SNAAKE R. NR NATURAL OBSERVED	4312	4289	4314	4240	4157	4030	3888	3806	3746	3746	3713	3684	3657	3619	3575	3485	3513	3497
REM NAT	4312	4289	4314	4240	4157	4030	3888	3806	3746	3746	3713	3684	3657	3619	3575	3485	3513	3497
STORED	4312	4289	4314	4240	4157	4030	3888	3806	3746	3746	3713	3684	3657	3619	3575	3485	3513	3497
SNAAKE R. NR NATURAL OBSERVED	4707	4679	4699	4620	4545	4423	4285	4207	4141	4129	4090	4081	4049	4007	3959	3838	3862	3821
REM NAT	4140	4140	4140	4140	4142	4142	4118	4118	4118	4094	4094	4094	4094	4047	4005	3957	3860	3819
STORED	4704	4676	4696	4617	4542	4420	4282	4204	4138	4126	4087	4079	4047	4005	3957	3836	3860	3819
HENRY'S FORK OBSERVED	51	51	52	53	42	43	43	136	147	153	7	-100	-113	-121	10	22	9	9
REM NAT	38	39	40	43	44	43	40	47	48	48	37	37	37	34	34	34	34	34
STORED	51	51	52	53	42	43	43	136	147	153	7	-100	-113	-121	10	22	9	9
HENRY'S FORK OBSERVED	568	587	571	576	557	543	536	601	600	616	459	366	384	378	535	499	442	421
REM NAT	253	283	280	279	274	275	284	284	284	284	280	276	276	276	276	276	267	255
STORED	517	587	571	576	557	543	536	601	600	616	459	366	384	378	535	499	442	421
HENRY'S FORK OBSERVED	1376	1386	1372	1365	1370	1331	1314	1366	1346	1335	1117	974	949	932	1128	1134	1123	1130
REM NAT	1070	1040	1080	1060	1070	1048	1049	1012	1000	950	800	805	820	900	950	975	993	993
STORED	257	346	292	305	270	244	285	354	346	385	317	169	129	32	178	159	130	137
GRASSY LAKE OBSERVED	0	0	0	10	10	10	10	0	0	0	0	2	2	2	0	0	0	0
REM NAT	0	0	0	10	10	10	10	0	0	0	0	2	2	2	0	0	0	0
STORED	0	0	0	10	10	10	10	0	0	0	0	2	2	2	0	0	0	0
FALLS R. NR NATURAL OBSERVED	638	625	616	621	617	652	624	614	644	644	646	646	676	676	674	674	674	674
REM NAT	564	551	543	537	533	568	540	540	570	570	570	570	600	600	600	600	600	600
STORED	564	551	543	537	533	568	540	540	570	570	570	570	600	600	600	600	600	600
FALLS R. NR NATURAL OBSERVED	752	738	719	726	717	759	757	682	706	706	708	708	698	702	683	683	683	678
REM NAT	443	427	408	406	401	448	448	448	472	472	472	472	462	462	462	462	462	457
STORED	444	428	409	417	412	448	448	448	472	472	472	472	462	462	462	462	462	457
HENRY'S FORK OBSERVED	2260	2264	2230	2251	2220	2227	2192	2144	2101	2088	1913	1805	1840	1865	2012	1984	1933	1919
REM NAT	1250	1200	1190	1240	1300	1214	1214	1214	1100	1120	1140	1160	1190	1210	1230	1250	1270	1300
STORED	1525	1577	1541	1564	1620	1583	1598	1608	1553	1540	1365	1257	1292	1313	1564	1536	1485	1471
ANTHONY	-275	-377	-351	-324	-320	-369	-384	-394	-453	-420	-225	-97	-102	-103	-334	-286	-215	-171

TABLE 15 (continued)

MONTH OF OCTOBER		DISCHARGE IN CUBIC FEET PER SECOND														RUN DATE 02/23/79				
STATION		DAY (WILNER TIME)														CFS DAYS		CFS DAYS		TOTALS
																1-15	16-31	AC FT		
		19	20	21	22	23	24	25	26	27	28	29	30	31						
SNAKE R. NR MURAN	NATURAL	267	264	204	204	321	350	381	410	321	292	292	321	0	6252	4651	21626			
	OBSERVED	233	233	233	233	233	233	233	233	233	233	233	233	0	4137	3510	15167			
	REM NAT	267	264	204	204	321	350	381	410	321	292	292	321	0	6252	4651	21626			
	STORED	-34	-31	29	29	-88	-117	-148	-177	-88	-59	-59	-88	0	-2115	-1141	-6458			
SNAKE R. NR IRWIN	NATURAL	3427	3453	3391	3267	3419	3409	3405	3508	3379	3325	3292	3289	0	58776	51059	217857			
	OBSERVED	3326	3322	3205	3012	2913	2850	2909	2909	2909	2909	3092	3100	0	55407	46955	203035			
	REM NAT	3427	3453	3391	3267	3419	3409	3405	3508	3379	3325	3292	3289	0	58776	51059	217857			
	STORED	-101	-131	-186	-255	-506	-559	-496	-599	-470	-416	-200	-189	0	-3369	-4104	-14822			
SNAKE R. NR HEISE	NATURAL	3752	3780	3734	3642	3803	3810	3794	3892	3753	3689	3654	3653	0	64621	56477	240197			
	OBSERVED	3678	3678	3615	3390	3300	3272	3272	3272	3253	3291	3450	3470	0	61146	52381	225180			
	REM NAT	3751	3779	3733	3641	3802	3809	3793	3891	3752	3688	3653	3652	0	64580	56459	240080			
	STORED	-73	-101	-118	-251	-502	-537	-521	-619	-499	-397	-203	-182	0	-3434	-4078	-14900			
HENRYS FORK NR LAKE	NATURAL	21	16	36	31	38	50	36	47	33	32	44	31	0	454	455	1803			
	OBSERVED	34	63	63	63	63	63	57	57	57	57	57	53	0	609	789	2772			
	REM NAT	21	16	36	31	38	50	36	47	33	32	44	31	0	364	77	874			
	STORED	13	47	63	63	63	63	57	57	57	57	57	53	0	246	712	1900			
HENRYS FORK NR ISLAND PARK	NATURAL	420	436	463	460	452	490	469	489	477	460	490	461	0	7877	6929	29367			
	OBSERVED	255	255	255	255	255	251	251	251	251	251	247	251	0	4164	3826	15848			
	REM NAT	420	436	463	460	452	490	469	489	477	460	490	461	0	788	6548	28435			
	STORED	-165	-181	-172	-174	-160	-188	-181	-191	-192	-177	-198	-179	0	-3624	-2722	-12587			
HENRYS FORK NR ASHTON	NATURAL	1134	1156	1182	1174	1178	1209	1193	1209	1201	1191	1217	1194	0	18633	17625	71917			
	OBSERVED	950	978	975	975	993	950	993	950	1010	975	975	975	0	14654	14660	58144			
	REM NAT	184	178	171	169	147	209	164	211	158	184	198	188	0	3889	2587	12845			
	STORED	-184	-178	-171	-169	-147	-209	-164	-211	-158	-184	-198	-188	0	-3889	-2587	-12845			
GRASSY LAKE OUTFLOW	NATURAL	0	0	0	0	0	0	-5	-5	-5	-5	0	0	0	48	-20	55			
	OBSERVED	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
	REM NAT	0	0	0	0	0	0	-5	-5	-5	-5	0	0	0	38	-20	35			
	STORED	0	0	0	0	0	0	5	5	5	5	0	0	0	-38	20	-35			
FALLS R. NR SOUTHWELL	NATURAL	649	622	622	622	622	622	617	597	579	579	584	584	0	9613	9321	37555			
	OBSERVED	575	550	550	550	550	550	530	530	512	512	512	512	0	8456	8253	33142			
	REM NAT	575	550	550	550	550	550	545	525	507	507	512	512	0	8494	8233	33178			
	STORED	0	0	0	0	0	0	5	5	5	5	0	0	0	-38	20	-35			
FALLS R. NR CHESTER	NATURAL	674	677	696	695	669	669	664	663	663	638	643	643	0	10761	10042	41262			
	OBSERVED	457	457	457	457	431	431	431	431	431	413	413	413	0	6703	6603	26392			
	REM NAT	457	457	457	457	431	431	426	426	426	408	413	413	0	6746	6583	26438			
	STORED	0	0	0	0	0	0	5	5	5	5	0	0	0	-43	20	-45			
HENRYS FORK AT ST ANTHONY	NATURAL	1947	1991	2062	2067	2047	2094	2058	2075	2054	1996	2032	2004	0	31412	30263	122332			
	OBSERVED	1320	1340	1350	1360	1370	1370	1310	1320	1330	1340	1350	1360	0	17972	19940	75198			
	REM NAT	1499	1544	1555	1590	1564	1596	1575	1582	1574	1574	1604	1589	0	22500	23340	90923			
	STORED	-179	-204	-205	-230	-192	-226	-265	-262	-244	-238	-254	-229	0	-4528	-3400	-15725			

SOME DATA AFFECTED BY ROUNDING

TABLE 16
DISCHARGE IN CUBIC FEET PER SECOND

MONTH OF OCTOBER

STATION	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
	DAY (WILDER TIME)																	
STATION	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
TETON R. NR NATURAL	629	627	620	610	600	913	916	898	898	898	898	898	898	898	875	875	875	875
ST ANTHONY OBSERVED	665	663	656	650	635	950	950	932	932	932	932	932	932	932	914	914	914	914
REM NAT	628	626	619	608	598	913	916	898	898	898	898	898	898	898	875	875	875	875
STORED	37	37	37	42	37	37	34	34	34	34	34	34	34	34	39	39	39	39
HENRY'S FUNK NATURAL	3381	3375	3332	3328	3255	3482	3346	3215	3152	3168	3023	2916	2921	2918	2990	2909	2807	2741
NR REXBURG OBSERVED	1730	1710	1700	1690	1595	1595	1556	1680	1670	1670	1660	1660	1650	1650	1640	1640	1630	1630
REM NAT	1997	2046	2009	2007	1978	2159	2074	2043	1991	2017	1872	1765	1770	1763	2056	1975	1873	1807
STORED	-267	-336	-309	-317	-383	-564	-518	-363	-321	-347	-212	-105	-120	-113	-416	-335	-243	-177
WILLOW CR NATURAL	37	36	35	45	47	51	52	42	40	36	66	66	84	84	54	54	36	47
NR RIRIE OBSERVED	188	187	187	187	201	201	201	201	201	201	201	201	201	201	201	201	201	201
REM NAT	37	36	35	45	47	51	52	42	40	36	66	66	84	84	54	54	36	47
STORED	151	152	152	143	154	150	149	159	161	165	135	135	117	117	147	147	165	154
SNAKE R. NR NATURAL	9557	9503	9486	9390	9249	9386	9084	8827	8683	8583	8376	8255	8272	8264	8361	8236	8174	8187
SHSLEY OBSERVED	2730	2490	2460	2400	2440	2370	2165	2165	2404	2404	2404	2290	2274	2090	2338	2354	2421	2421
REM NAT	2089	1939	1782	1710	1699	1692	1401	1249	1281	1403	1171	861	855	807	1139	1062	1077	1109
STORED	-859	-949	-822	-810	-759	-822	-736	-584	-377	-499	-267	-71	-81	-217	-301	-208	-156	-188
SNAKE R. NR NATURAL	9805	9793	9834	9800	9698	9830	9573	9368	9177	9095	8822	8629	8656	8685	8826	8763	8763	8794
BLACKFOOT OBSERVED	972	811	830	810	876	689	739	893	893	893	868	689	667	612	894	1039	1039	860
REM NAT	1745	1648	1559	1570	1594	1570	1341	1353	1402	1524	1222	760	708	720	1129	1150	1114	1049
STORED	-773	-837	-729	-760	-718	-881	-602	-460	-509	-631	-354	-71	-41	-108	-235	-111	-75	-189
SNAKE R. AT NATURAL	12913	12959	12999	12986	12864	13075	12787	12586	12316	12221	11977	11706	11748	11738	11880	11871	12030	11909
NEELEY OBSERVED	4600	4763	4796	4796	4796	4796	4796	4796	4796	4796	4796	4796	4796	4796	4796	4829	4829	4829
REM NAT	220	50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
STORED	-220	-50	72	40	37	0	242	224	254	145	419	959	996	1024	612	571	447	665
SNAKE R. NR NATURAL	12734	12612	12602	12509	12302	12580	12347	12097	11744	11696	11338	11009	10978	11119	11288	11357	11623	11234
MINIDOKA OBSERVED	4020	3751	3772	3520	3400	3476	3650	3096	3251	3260	3260	3287	3314	3287	3251	3224	3197	3197
REM NAT	999	775	650	506	447	556	336	336	227	385	0	0	0	0	0	9	245	0
STORED	321	276	422	314	253	220	582	60	325	175	562	1185	1322	1167	695	515	252	790
SNAKE R. AT NATURAL	12210	12103	12194	12395	12462	13094	13022	12924	12594	12455	12192	11474	11645	11954	12261	12800	13025	13090
WILNER OBSERVED	345	355	383	860	850	1590	1065	1065	825	990	1970	480	2520	2465	2390	2320	2230	2130
REM NAT	32	0	0	0	190	684	660	784	689	746	1383	271	393	634	1238	1880	2071	0
STORED	313	355	383	860	660	906	406	281	136	244	587	210	2127	1831	1152	440	159	2130

SOME DATA AFFECTED BY ROUNDING

TABLE 16 (continued)

MONTH OF OCTOBER				DISCHARGE IN CUBIC FEET PER SECOND															RUN DATE	
STATION		DAY (MILNER TIME)															CFS DAYS 1-15	CFS DAYS 16-31	TOTALS AC FT	
		19	20	21	22	23	24	25	26	27	28	29	30	31						
TEITON R. NR ST ANTHONY	NATURAL OBSERVED REM NAT STORED	875 914 875 39	875 914 875 39	875 914 875 39	860 896 860 36	844 878 844 34	844 878 844 34	844 878 844 34	844 878 844 34	844 878 844 34	844 878 844 34	844 878 844 34	844 878 844 34	844 878 844 34	12076 12607 12069 538	12522 13050 12522 528	48790 50890 48776 2114			
HENRY'S FORK NR REXBURG	NATURAL OBSERVED REM NAT STORED	2741 1620 1807 -187	2755 1610 1822 -212	2807 1610 1791 -181	2757 1480 1757 -277	2773 1890 1850 40	2781 1500 1845 -345	2721 1510 1800 -290	2742 1520 1810 -290	2640 1530 1723 -193	2598 1540 1749 -209	2499 1540 1660 -120	2503 1540 1677 -137	0 0 0 0	47802 24856 29547 -4691	40774 23790 26946 -3156	175690 96489 112053 -15564			
WILLOW CR NR RINIE	NATURAL OBSERVED REM NAT STORED	49 201 49 152	57 201 57 144	72 400 72 328	61 150 61 89	60 160 60 100	52 160 52 108	38 250 38 212	38 250 38 212	43 250 43 207	43 79 43 36	43 10 43 -33	43 10 43 -33	0 0 0 0	775 2960 775 2187	736 2724 736 1988	2997 11274 2997 8281			
SHAKE R. NR SHELLEY	NATURAL OBSERVED REM NAT STORED	8140 2338 1065 -227	8331 2608 1080 28	8395 2455 1325 -370	8214 2150 1337 -687	8254 2047 1539 -992	8119 2047 1393 -846	7987 2110 1311 -701	8102 2150 1413 -763	7991 2135 1293 -658	7884 2105 1258 -653	7703 2120 1094 -474	7657 2180 1078 -398	0 0 0 0	133258 35424 21078 -8154	121374 33641 18434 -7293	505062 136990 78372 -30639			
SHAKE R. NR BLACKFOOT	NATURAL OBSERVED REM NAT STORED	8787 877 1064 -187	8978 1165 1159 6	8971 1111 1946 -558	8841 1440 1946 -506	8935 1440 2210 -770	8810 1210 2082 -872	8740 1250 2071 -821	8854 1470 2179 -709	8705 1420 2041 -621	8669 1882 2370 -488	8508 1996 2552 -566	8424 1996 2507 -511	0 0 0 0	139591 12136 19845 -7709	131542 20195 27173 -6978	537792 64128 93260 -29131			
SHAKE R. AT NEELEY	NATURAL OBSERVED REM NAT STORED	12126 4829 0 426	12205 4829 0 443	12137 4705 130 -130	11960 4631 434 -434	12042 4631 686 -686	11919 4631 560 -560	11765 4631 465 -465	11996 4631 691 -691	11763 4631 467 -467	11730 4631 801 -801	11700 4368 1386 -1386	11401 3920 1564 -1564	0 0 0 0	186755 71711 270 4754	178554 69555 7184 -4632	724590 280201 14785 241			
SHAKE R. NR MINIDOKA	NATURAL OBSERVED REM NAT STORED	11485 3197 0 516	11542 3197 218 279	11337 3188 736 -248	11266 3188 947 -459	11249 3188 1098 -601	11173 3206 1019 -513	11107 3404 1014 -310	11251 3610 1158 -248	11092 3600 1054 -154	11030 3610 1358 -448	10965 3600 2319 -1419	10540 3610 1924 -1014	0 0 0 0	178961 51595 5249 7879	168251 50225 13099 -3062	688695 201959 36393 9554			
SHAKE R. AT MILNER	NATURAL OBSERVED REM NAT STORED	13286 2150 2226 -76	13279 2140 2484 -348	13025 2080 2902 -822	12268 1530 2413 -883	11979 1045 2256 -1211	11811 1700 2114 -414	11601 1670 1936 -246	11779 2060 2119 -59	11776 2080 2192 -92	11719 2100 2481 -381	11832 3740 4775 -1035	11496 3570 4469 -899	0 0 0 0	184979 18153 7704 10451	184766 32545 36302 -3757	733389 100559 87285 13277			

TABLE 17

STATION NUMBER 13037977F EAGLE ROCK DUMP NR WILLOW CP
DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1977 TO SEPTEMBER 1978
MEAN VALUES

RUN DATE 02/27/79

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0	0	0	0	0	0	0	9	709	938	699	9
2	0	0	0	0	0	0	0	9	755	890	667	415
3	0	0	0	0	0	0	0	9	802	772	663	415
4	0	0	0	0	0	0	0	9	785	749	670	418
5	0	0	0	0	0	0	0	9	762	893	693	436
6	0	0	0	0	0	0	0	9	785	853	769	433
7	0	0	0	0	0	0	0	9	849	832	732	403
8	0	0	0	0	0	0	0	9	910	805	732	391
9	0	0	0	0	0	0	0	9	968	798	719	373
10	0	0	0	0	0	0	0	9	958	856	719	358
11	0	0	0	0	0	0	0	9	951	975	719	298
12	0	0	0	0	0	0	0	9	955	1014	699	230
13	0	0	0	0	0	0	0	20	951	1003	703	203
14	0	0	0	0	0	0	0	20	958	927	598	182
15	0	0	0	0	0	0	0	20	951	939	499	159
16	0	0	0	0	0	0	0	20	944	968	439	155
17	0	0	0	0	0	0	0	20	934	965	379	153
18	0	0	0	0	0	0	0	20	938	968	379	159
19	0	0	0	0	0	0	0	20	982	965	358	159
20	0	0	0	0	0	0	0	20	917	989	343	140
21	0	0	0	0	0	0	0	57	917	962	301	125
22	0	0	0	0	0	0	0	114	982	890	304	125
23	0	0	0	0	0	0	0	254	982	822	320	117
24	0	0	0	0	0	0	0	249	968	749	329	125
25	0	0	0	0	0	0	0	298	968	729	388	134
26	0	0	0	0	0	0	0	298	1051	828	385	171
27	0	0	0	0	0	0	0	293	1051	859	376	214
28	0	0	0	0	0	0	0	403	968	880	367	228
29	0	0	0	0	0	0	0	424	934	870	391	228
30	0	0	0	0	0	0	0	529	958	842	445	228
31	0	0	0	0	0	0	0	550	---	765	454	---
TOTAL	0	0	0	0	0	0	0	3737	27543	27295	16239	7184
MEAN	0	0	0	0	0	0	0	120.5	918.1	880.4	523.8	239.4
MAX	0	0	0	0	0	0	0	550	1051	1014	769	436
MIN	0	0	0	0	0	0	0	9	709	729	301	9
AC-FT	0	0	0	0	0	0	0	7412	54631	54139	32210	14249
WTR YR 1978	TOTAL	8199F	MEAN	6833.1	MAX	1051	MIN	9	AC-FT	162643		

TABLE 18

STATION NUMBER 130500167
 DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1977 TO SEPTEMBER 1978
 CROSSCUT CANAL, R/L DIVERSIONS
 MEAN VALUES

RUN DATE 02/27/79

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0	0	0	0	0	0	0	0	60	64	296	252
2	0	0	0	0	0	0	0	0	78	68	214	245
3	0	0	0	0	0	0	0	0	95	72	218	243
4	0	0	0	0	0	0	0	0	94	69	221	241
5	0	0	0	0	0	0	0	0	93	69	279	251
6	0	0	0	0	0	0	0	0	90	64	282	251
7	0	0	0	0	0	0	0	0	88	62	286	251
8	0	0	0	0	0	0	0	0	88	58	272	172
9	0	0	0	0	0	0	0	0	87	59	289	162
10	0	0	0	0	0	0	0	8	87	60	306	159
11	0	0	0	0	0	0	0	15	88	42	307	156
12	0	0	0	0	0	0	0	18	89	43	304	163
13	0	0	0	0	0	0	0	22	78	37	312	165
14	0	0	0	0	0	0	0	22	67	35	320	167
15	0	0	0	0	0	0	0	15	58	33	249	110
16	0	0	0	0	0	0	0	15	49	33	243	52
17	0	0	0	0	0	0	0	18	45	32	250	52
18	0	0	0	0	0	0	0	20	38	28	263	51
19	0	0	0	0	0	0	0	21	30	28	258	50
20	0	0	0	0	0	0	0	22	34	25	257	48
21	0	0	0	0	0	0	0	22	34	23	256	48
22	0	0	0	0	0	0	0	26	36	21	262	47
23	0	0	0	0	0	0	0	26	36	28	262	47
24	0	0	0	0	0	0	0	46	44	34	263	47
25	0	0	0	0	0	0	0	66	50	34	258	46
26	0	0	0	0	0	0	0	56	57	141	250	46
27	0	0	0	0	0	0	0	47	47	139	249	46
28	0	0	0	0	0	0	0	47	66	182	249	45
29	0	0	0	0	0	0	0	48	62	125	249	45
30	0	0	0	0	0	0	0	49	62	214	249	45
31	0	---	0	0	---	0	---	50	---	303	245	---
TOTAL	0	0	0	0	0	0	0	679	1930	2325	8218	3703
MEAN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	21.9	64.3	75.0	265.0	123.4
MAX	0	0	0	0	0	0	0	66	95	303	214	252
MIN	0	0	0	0	0	0	0	8	30	21	214	45
AC-FT	0	0	0	0	0	0	0	1346	3828	4611	16300	7344
MYR YR 1978	TOTAL	16855	MEAN	1404.5	MAX	320	MLN	8	AC-FT	33431		

TABLE 19

STATION NUMBER 1305001HF
 DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1977 TO SEPTEMBER 1978
 CRUSSCUT CANAL AT FND
 MEAN VALUES
 RUN DATE 02/27/79

DAY	GCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0	0	0	0	0	0	0	10	51	54	285	243
2	0	0	0	0	0	0	0	5	37	78	207	238
3	0	0	0	0	0	0	0	0	92	77	207	237
4	0	0	0	0	0	0	0	0	92	54	207	236
5	0	0	0	0	0	0	0	0	80	54	244	236
6	0	0	0	0	0	0	0	0	74	54	280	236
7	0	0	0	0	0	0	0	0	72	54	280	236
8	0	0	0	0	0	0	0	0	72	56	273	166
9	0	0	0	0	0	0	0	6	72	58	263	150
10	0	0	0	0	0	0	0	6	72	58	289	154
11	0	0	0	0	0	0	0	9	72	34	292	159
12	0	0	0	0	0	0	0	12	72	34	289	148
13	0	0	0	0	0	0	0	12	72	32	298	148
14	0	0	0	0	0	0	0	10	72	32	306	148
15	0	0	0	0	0	0	0	10	72	29	243	145
16	0	0	0	0	0	0	0	10	72	27	225	145
17	0	0	0	0	0	0	0	10	72	28	238	176
18	0	0	0	0	0	0	0	9	72	32	223	206
19	0	0	0	0	0	0	0	8	72	27	217	47
20	0	0	0	0	0	0	0	8	31	27	224	42
21	0	0	0	0	0	0	0	8	31	27	230	42
22	0	0	0	0	0	0	0	8	31	18	228	42
23	0	0	0	0	0	0	0	8	36	22	228	42
24	0	0	0	0	0	0	0	32	57	34	233	42
25	0	0	0	0	0	0	0	55	57	34	228	40
26	0	0	0	0	0	0	0	55	50	146	228	37
27	0	0	0	0	0	0	0	55	50	146	229	37
28	0	0	0	0	0	0	0	52	50	153	230	37
29	0	0	0	0	0	0	0	48	55	212	230	42
30	0	0	0	0	0	0	0	48	55	289	230	37
31	0	0	0	0	0	0	0	50	---	292	234	---
TOTAL	0	0	0	0	0	0	0	544	1869	2272	7618	3894
MEAN	0	0	0	0	0	0	0	17.5	62.3	73.2	245.7	129.8
MAX	0	0	0	0	0	0	0	55	92	292	306	243
MIN	0	0	0	0	0	0	0	5	31	18	207	37
AC-FT	0	0	0	0	0	0	0	1079	3707	4506	15110	7723
WTR YR 1978	TOTAL	16107	MEAN	1349.7	MAX	306	MIN	5	AC-FT	32126		

STATION NUMBER 13011000E SHARP, R. - NP MURAH
DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1977 TO SEPTEMBER 1978
MEAN VALUES

MEAN VALUES

DAY	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0	0	0	171	633	881	2680	2660	1530	2070
2	0	0	165	237	631	888	2680	2110	1680	2070
3	0	0	165	401	629	966	2700	1930	1840	2060
4	0	0	165	397	628	1000	3190	1940	1840	2050
5	0	0	165	393	627	1060	3500	1950	1840	2050
6	0	0	165	389	628	1110	3950	1950	1870	2040
7	0	0	165	388	630	1100	4830	1870	1830	2040
8	0	0	168	387	632	1100	5090	1190	1830	2040
9	0	0	168	383	634	995	5110	1310	1830	2030
10	0	0	168	374	633	1580	5390	1090	1880	2020
11	0	0	169	375	632	1590	5640	1890	1930	1680
12	0	0	168	372	634	1570	5650	2250	1990	1200
13	0	0	168	425	634	1580	5660	2650	2060	928
14	0	0	171	510	634	1580	5680	3340	2080	678
15	0	0	171	508	633	1590	5720	3540	2050	535
16	0	0	171	506	634	1610	5750	3310	2050	426
17	0	0	171	505	633	1620	5760	3160	2050	385
18	0	0	171	505	749	1900	5770	2900	2040	403
19	0	0	171	505	864	2340	5770	2270	2030	403
20	0	0	171	505	864	2550	5780	1990	2030	403
21	0	0	171	505	863	2550	5470	1980	2040	403
22	0	0	171	505	863	2550	5100	1980	2120	400
23	0	0	171	505	863	2560	5000	1860	2120	398
24	0	0	171	505	862	2580	4740	1780	2120	398
25	0	0	171	505	865	2600	4530	1630	2110	397
26	0	0	171	504	873	2610	4130	1540	2110	411
27	0	0	171	522	874	2620	3620	1540	2100	356
28	0	0	171	619	875	2630	3310	1540	2100	297
29	0	0	---	629	876	2640	3010	1550	2090	296
30	0	0	---	629	876	2660	3030	1540	2080	281
31	0	0	---	629	---	2670	---	1530	2080	---
TOTAL	0	0	4729	14297	21909	57595	138240	63855	61280	31148
MEAN	0.0	0.0	166.8	461.1	710.3	1857.9	4608.0	2086.9	1976.7	1038.2
MAX	0	0	171	629	879	2670	5780	3540	2120	2070
MIN	0	0	165	171	627	981	2680	995	1530	281
AC-FT	0	0	9379	24358	43456	114239	274199	125862	121548	61782
	TOTAL	392653	MEAN	32721.0	MAX	5780	MIN	165	AC-FT	778827
	MIN	1978								

TABLE 22

STATION NUMBER 13037500F
 DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1977 TO SEPTEMBER 1978
 SNARE R. NR HEIST
 MEAN VALUES

RUN DATE 02/27/79

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0	0	0	0	1500	2510	7010	9630	15400	17300	11100	7030
2	0	0	0	0	1500	2500	6240	9760	16200	16100	10700	7020
3	0	0	0	0	1570	2490	5700	9930	17400	15400	10500	7000
4	0	0	0	0	1510	2500	5620	9800	17500	15400	10500	7110
5	0	0	0	0	1510	2520	5580	9690	18300	15200	10500	7160
6	0	0	0	0	1530	2530	5670	9540	18400	15100	10500	7110
7	0	0	0	0	1510	2490	5870	9440	18500	14200	10500	6820
8	0	0	0	0	1540	2490	5980	9420	18500	13500	10600	6790
9	0	0	0	0	1520	2500	6030	9990	18300	12600	10600	6580
10	0	0	0	0	1540	2510	6030	10500	18300	12500	10600	6410
11	0	0	0	0	1530	2510	6770	10800	18300	12400	10500	6160
12	0	0	0	0	1510	2500	7200	10700	18100	12600	10400	5820
13	0	0	0	0	1720	2650	7140	11400	18100	13700	10600	5390
14	0	0	0	0	2030	2820	7060	11900	18200	13800	10400	4800
15	0	0	0	0	2030	2800	7040	12400	17700	14000	9480	4260
16	0	0	0	0	2040	2790	7790	12700	17600	15400	8670	4240
17	0	0	0	0	2050	2770	8200	12100	17500	16100	8480	4220
18	0	0	0	0	2050	2770	8150	12600	17400	16000	8060	4240
19	0	0	0	0	2060	2800	8810	12700	17300	16000	7440	4240
20	0	0	0	0	2060	2810	9250	13500	17300	15900	6990	4210
21	0	0	0	0	2050	2830	9320	13900	17300	15100	6380	4190
22	0	0	0	0	2060	2860	9280	14000	17300	14100	6370	4170
23	0	0	0	0	2050	2870	9240	14900	17600	12700	6880	4160
24	0	0	0	0	2060	2910	9210	15200	17600	12300	6890	4160
25	0	0	0	0	2060	2870	9240	15000	17600	12200	6880	4160
26	0	0	0	0	2070	2870	9450	14900	17300	11900	6880	4150
27	0	0	0	0	2060	3460	9650	14800	17500	11700	6880	4140
28	0	0	0	0	2300	4380	9610	14800	17600	12100	6850	4140
29	0	0	0	0	---	5480	9560	14900	17600	12300	6860	4140
30	0	0	0	0	---	6650	9650	14900	17600	11800	6890	4140
31	0	---	---	0	---	6840	---	15300	---	11500	7010	---
TOTAL	0	0	0	0	51020	96640	231350	381100	529300	430900	271890	158160
MEAN	0	0	0	0	1842.1	3118.7	7711.6	12293.5	17643.3	13900.0	8770.6	5272.0
MAX	0	0	0	0	4300	6840	9650	15300	18500	17300	11100	7160
MIN	0	0	0	0	1500	2490	5580	9420	15400	11500	6370	4140
AC-FT	0	0	0	0	101198	191764	454882	755911	1049866	854690	539293	313710
WTR YR 1978	TOTAL	2150400	MEAN	74200.0	MAX	18500	MIN	1500	AC-FT	4265318		

TABLE 23

RUN DATE 02/27/79

STATION NUMBER 1303950NF SNARE, N. N. LORFANZU

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1977 TO SEPTEMBER 1978

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0	0	0	0	743	1870	6520	8180	8530	9410	5100	2660
2	0	0	0	0	731	1890	6200	8240	8770	8800	4910	2510
3	0	0	0	0	776	1910	5630	8090	9300	8340	4620	2450
4	0	0	0	0	760	1910	5860	8330	9450	8220	4580	2520
5	0	0	0	0	739	1980	5830	8340	9860	8040	4490	2560
6	0	0	0	0	766	1990	5870	8370	10100	7980	4550	2600
7	0	0	0	0	746	1980	6060	8340	10100	7520	4570	2410
8	0	0	0	0	762	1980	6170	8280	10100	7010	4490	2560
9	0	0	0	0	744	1990	6220	8260	10000	6310	4500	2430
10	0	0	0	0	747	2040	6220	8460	9960	6140	4700	2360
11	0	0	0	0	756	2040	6550	8530	9940	5920	4780	2260
12	0	0	0	0	735	2070	7010	8580	9860	5680	4680	2710
13	0	0	0	0	718	2080	7010	8720	9740	6540	4940	3010
14	0	0	0	0	789	2490	6920	9090	9660	6750	5290	2920
15	0	0	0	0	1160	2490	7010	9180	9500	6760	5000	2160
16	0	0	0	0	1170	2500	7110	9160	9360	7570	4340	1960
17	0	0	0	0	1210	2510	7220	8970	9310	8120	4110	1940
18	0	0	0	0	1210	2530	7350	8980	9260	8160	3760	1890
19	0	0	0	0	1230	2560	7380	9200	9310	8200	3620	1900
20	0	0	0	0	1220	2600	7680	9450	9330	8250	3420	1910
21	0	0	0	0	1230	2620	7910	9600	9310	7980	2850	1940
22	0	0	0	0	1220	2690	7940	9470	9290	7410	2810	1930
23	0	0	0	0	1220	2700	7960	9470	9450	6660	3080	1850
24	0	0	0	0	1240	2760	7910	9620	9540	6130	2940	1800
25	0	0	0	0	1260	2750	7850	9550	9510	6090	2850	1780
26	0	0	0	0	1260	2740	7920	9460	9510	5760	2840	1680
27	0	0	0	0	1270	3220	8060	9290	9520	5440	2860	1400
28	0	0	0	0	1470	4080	8120	8860	9510	5430	2760	1120
29	0	0	0	0	---	5240	8110	8600	9500	5690	2590	1060
30	0	0	0	0	---	6250	8100	8350	9470	5490	2520	1010
31	0	---	0	0	---	6410	---	8390	---	5290	2630	---
TOTAL	0	0	0	0	27882	84870	211700	273410	286070	217090	121260	63290
MEAN	0	0	0	0	895.7	2737.7	7056.6	8819.6	9535.6	7002.9	3911.6	2109.6
MAX	0	0	0	0	1470	6410	8120	9620	10100	9410	5290	3010
MIN	0	0	0	0	718	1870	5630	8090	8530	5290	2520	1010
AC-FT	0	0	0	0	55303	168339	419906	542308	567419	430598	240519	125535
WTR YR 1978	TOTAL	1285572	MEAN	7131.0	MAX	10100	MIN	718	AC-FT	2549932		

TABLE 24

STATION NUMBER 13039510F
 DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1977 TO SEPTEMBER 1978
 HENRIS FORK NR LARK
 MEAN VALUES
 RUN DATE 02/27/79

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0	0	0	0	18	19	18	17	13	118	76	38
2	0	0	0	0	18	19	16	15	14	119	49	36
3	0	0	0	0	18	19	16	14	14	116	78	35
4	0	0	0	0	18	19	14	12	13	113	104	34
5	0	0	0	0	18	19	14	9	0	118	93	34
6	0	0	0	0	18	19	13	8	6	118	87	39
7	0	0	0	0	18	19	14	8	8	117	63	44
8	0	0	0	0	18	19	17	11	8	118	45	48
9	0	0	0	0	18	19	15	11	12	121	40	48
10	0	0	0	0	18	19	14	13	21	119	43	47
11	0	0	0	0	18	19	16	12	17	110	55	54
12	0	0	0	0	18	19	14	9	15	88	69	57
13	0	0	0	0	18	19	10	10	16	88	65	46
14	0	0	0	0	18	19	9	10	14	117	64	46
15	0	0	0	0	18	19	9	10	15	104	62	43
16	0	0	0	0	18	19	11	9	18	103	62	41
17	0	0	0	0	19	19	9	8	12	102	70	44
18	0	0	0	0	19	19	8	8	14	104	62	50
19	0	0	0	0	19	19	10	8	15	106	59	54
20	0	0	0	0	19	19	12	8	13	109	59	44
21	0	0	0	0	19	19	11	8	15	111	57	38
22	0	0	0	0	19	19	8	8	38	106	53	38
23	0	0	0	0	19	20	8	4	28	117	51	39
24	0	0	0	0	19	23	9	4	62	114	51	38
25	0	0	0	0	19	37	11	4	96	110	48	39
26	0	0	0	0	19	33	14	5	100	106	49	40
27	0	0	0	0	19	19	14	8	100	85	41	43
28	0	0	0	0	19	19	12	12	94	86	38	44
29	0	0	0	0	19	19	14	13	93	103	44	43
30	0	0	0	0	19	18	15	13	99	109	42	40
31	0	---	---	0	---	18	---	14	---	92	38	---
TOTAL	0	0	0	0	516	624	375	304	989	3347	1817	1284
MEAN	0	0	0	0	16.4	20.1	12.5	9.8	32.9	107.9	58.6	42.8
MAX	0	0	0	0	19	37	18	17	100	121	104	57
MIN	0	0	0	0	18	18	8	4	6	85	38	34
AC-FT	0	0	0	0	1023	1237	743	602	1961	6638	3604	2546
MIR YR 1978	TOTAL	4256	MEAN	771.3	MAX	121	MIN	4	AC-FT	18359		

TABLE 25

RUN DATE 02/27/79

STATION NUMBER 13042500F HENRY'S FORK NR ISLAND PARK
DISCHARGE, 14 CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1977 TO SEPTEMBER 1978
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0	0	0	0	152	252	265	868	379	662	1320	696
2	0	0	0	0	149	252	267	878	388	658	1320	693
3	0	0	0	0	149	247	263	907	393	654	1330	700
4	0	0	0	0	149	242	263	969	393	662	1330	706
5	0	0	0	0	149	251	364	967	398	639	1340	705
6	0	0	0	0	146	252	442	1030	432	657	1350	708
7	0	0	0	0	146	252	442	1100	437	636	1330	714
8	0	0	0	0	146	252	443	1150	412	635	1240	713
9	0	0	0	0	146	252	451	1180	432	621	1240	611
10	0	0	0	0	146	248	497	1190	511	622	1230	534
11	0	0	0	0	146	248	539	1200	625	611	1220	490
12	0	0	0	0	146	248	547	1200	662	575	1230	452
13	0	0	0	0	146	244	547	1210	701	553	1210	298
14	0	0	0	0	150	244	556	1200	729	541	1160	228
15	0	0	0	0	152	244	568	1190	768	540	1150	190
16	0	0	0	0	152	245	578	1200	756	554	1150	189
17	0	0	0	0	149	248	589	1200	719	654	1150	194
18	0	0	0	0	149	251	612	1200	785	833	1150	193
19	0	0	0	0	149	253	636	1200	740	832	1140	193
20	0	0	0	0	149	255	636	1160	695	811	1140	191
21	0	0	0	0	149	256	636	1090	723	770	1110	262
22	0	0	0	0	149	255	636	1030	712	804	996	304
23	0	0	0	0	149	255	641	773	668	1050	956	311
24	0	0	0	0	152	259	646	609	657	1160	808	302
25	0	0	0	0	156	255	646	531	673	1180	751	253
26	0	0	0	0	159	255	780	447	646	1140	752	283
27	0	0	0	0	224	257	866	412	662	1140	724	280
28	0	0	0	0	255	259	872	374	668	1140	698	279
29	0	0	0	0	---	259	872	374	674	1270	699	274
30	0	0	0	0	---	259	868	370	668	1350	695	275
31	0	---	0	0	---	263	---	374	---	1350	696	---
TOTAL	0	0	0	0	4359	7812	14968	28583	18156	25304	33615	12221
MEAN	0	0	0	0	155.6	252.0	565.6	922.0	605.5	816.2	1084.3	407.3
MAX	0	0	0	0	255	263	872	1210	785	1350	1350	714
MIN	0	0	0	0	146	242	263	370	379	540	695	189
AC-FT	0	0	0	0	8646	15495	33656	56694	36032	50190	66675	24240
WTR YR 1978	TOTAL	147028	MEAN	12252.3	MAX	1350	MIN	146	AC-FT	291630		

TABLE 26

STATION NUMBER 130460004
 DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1977 TO SEPTEMBER 1978
 HENRY'S FORK NR ASHTON
 MEAN VALUES
 RUN DATE 02/27/79

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0	0	0	0	843	952	1450	3110	1750	1590	2190	1560
2	0	0	0	0	841	927	1430	3590	1700	1590	2180	1530
3	0	0	0	0	878	953	1350	4030	1700	1550	2170	1560
4	0	0	0	0	847	1020	1310	3490	1670	1580	2180	1560
5	0	0	0	0	838	1010	1340	3170	1640	1590	2140	1560
6	0	0	0	0	875	1010	1420	3010	1620	1540	2180	1630
7	0	0	0	0	865	976	1570	3090	1680	1540	2150	1640
8	0	0	0	0	907	973	1720	3180	1610	1530	2130	1650
9	0	0	0	0	876	1000	1770	3310	1580	1570	2070	1550
10	0	0	0	0	870	986	1790	3600	1660	1510	2080	1380
11	0	0	0	0	891	992	1950	3780	1810	1510	2090	1460
12	0	0	0	0	806	1000	1980	3610	1840	1450	2090	1350
13	0	0	0	0	860	980	1950	3470	1780	1440	2130	1320
14	0	0	0	0	824	975	1850	3590	1880	1420	2150	1240
15	0	0	0	0	895	976	1900	3920	1940	1410	2090	1120
16	0	0	0	0	796	985	2000	3990	1910	1400	2070	1200
17	0	0	0	0	823	993	1990	3460	1850	1430	2140	1490
18	0	0	0	0	844	1010	1870	3280	1790	1610	2100	1320
19	0	0	0	0	850	1020	1890	3160	1830	1750	2050	1120
20	0	0	0	0	896	1040	1980	3110	1820	1690	2050	1090
21	0	0	0	0	873	1070	2120	2990	1760	1710	2060	1030
22	0	0	0	0	826	1070	2080	3060	1760	1600	1970	1050
23	0	0	0	0	849	1100	1930	2770	1710	1770	1860	1100
24	0	0	0	0	851	1130	1920	2500	1700	1980	1770	1100
25	0	0	0	0	863	1100	2050	2200	1660	1970	1620	1130
26	0	0	0	0	853	1096	2230	2140	1710	2030	1600	1070
27	0	0	0	0	877	1120	2890	2010	1660	1980	1620	1040
28	0	0	0	0	938	1150	3130	1880	1600	2060	1550	1080
29	0	0	0	0	---	1200	3020	1870	1620	2060	1530	1060
30	0	0	0	0	---	1240	3030	1830	1620	2240	1540	1070
31	0	---	---	0	---	1290	---	1810	---	2190	1560	---
TOTAL	0	0	0	0	24055	32338	58910	94010	51860	52290	61110	39060
MEAN	0	0	0	0	859.1	1043.1	1963.6	3032.5	1728.6	1686.7	1971.2	1302.0
MAX	0	0	0	0	938	1290	3130	4030	1940	2240	2190	1650
MIN	0	0	0	0	796	927	1310	1810	1580	1400	1530	1030
AC-FT	0	0	0	0	47713	64142	116847	166468	102864	103717	121211	77475
WTR YR 1978	TOTAL	413633	MEAN	34459.4	MAX	4030	MIN	796	AC-FT	820441		

TABLE 24

STATION NUMBER 13039500F
 DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1977 TO SEPTEMBER 1978
 HENRY'S FORK NR LAK
 MEAN VALUES
 RUN DATE 02/27/79

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0	0	0	0	18	19	18	17	13	118	76	38
2	0	0	0	0	18	19	16	16	14	119	49	36
3	0	0	0	0	18	19	16	14	14	116	78	35
4	0	0	0	0	18	19	14	12	13	113	104	34
5	0	0	0	0	18	19	14	9	0	118	93	34
6	0	0	0	0	18	19	13	8	6	118	87	39
7	0	0	0	0	18	19	14	8	8	117	63	44
8	0	0	0	0	18	19	17	11	8	118	45	48
9	0	0	0	0	18	19	15	11	12	121	40	48
10	0	0	0	0	18	19	14	13	21	119	43	47
11	0	0	0	0	18	19	16	12	17	110	55	54
12	0	0	0	0	18	19	14	9	15	88	69	57
13	0	0	0	0	18	19	10	10	16	88	65	50
14	0	0	0	0	18	19	9	10	14	117	64	46
15	0	0	0	0	18	19	9	10	15	104	62	43
16	0	0	0	0	18	19	11	9	18	103	62	41
17	0	0	0	0	19	19	9	8	12	102	70	44
18	0	0	0	0	19	19	8	8	14	104	62	50
19	0	0	0	0	19	19	10	8	15	106	59	54
20	0	0	0	0	19	19	12	8	13	109	59	44
21	0	0	0	0	19	19	11	8	15	111	57	38
22	0	0	0	0	19	19	8	4	38	106	53	38
23	0	0	0	0	19	20	9	4	26	117	51	39
24	0	0	0	0	19	23	9	4	62	114	51	38
25	0	0	0	0	19	37	11	4	96	110	48	39
26	0	0	0	0	19	33	14	5	100	106	49	40
27	0	0	0	0	19	19	14	8	100	85	41	43
28	0	0	0	0	19	19	12	12	94	86	38	44
29	0	0	0	0	19	19	14	13	93	103	44	43
30	0	0	0	0	18	18	15	13	99	109	42	40
31	0	---	0	0	---	18	---	14	---	92	38	---
TOTAL	0	0	0	0	516	624	375	304	989	3347	1817	1284
MEAN	0	0	0	0	16.4	20.1	12.5	9.4	32.9	107.9	58.6	42.8
MAX	0	0	0	0	19	37	14	17	100	121	104	57
MIN	0	0	0	0	18	18	8	4	6	85	38	34
AC-FT	0	0	0	0	10/23	1237	743	602	1961	6638	3604	2546
MTR YR 1978	TOTAL	9256	MEAN	771.3	MAX	121	MIN	4	AC-FT	18359		

TABLE 27

STATION NUMBER 13046510# GRASSY LAKE OUTFLOW
DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1977 TO SEPTEMBER 1978
MEAN VALUES

RUN DATE 02/27/79

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0	0	0	0	0	0	0	0	0	25	47	47
2	0	0	0	0	0	0	0	0	0	25	47	47
3	0	0	0	0	0	0	0	0	0	25	47	47
4	0	0	0	0	0	0	0	0	0	25	47	47
5	0	0	0	0	0	0	0	0	0	25	47	47
6	0	0	0	0	0	0	0	0	0	25	47	47
7	0	0	0	0	0	0	0	0	0	25	47	47
8	0	0	0	0	0	0	0	0	0	25	47	47
9	0	0	0	0	0	0	0	0	0	25	47	47
10	0	0	0	0	0	0	0	0	0	25	47	47
11	0	0	0	0	0	0	0	0	0	25	47	47
12	0	0	0	0	0	0	0	0	0	25	47	0
13	0	0	0	0	0	0	0	0	0	25	47	0
14	0	0	0	0	0	0	0	0	0	27	47	0
15	0	0	0	0	0	0	0	0	0	27	47	0
16	0	0	0	0	0	0	0	0	30	27	47	0
17	0	0	0	0	0	0	0	0	30	27	47	0
18	0	0	0	0	0	0	0	0	30	27	47	0
19	0	0	0	0	0	0	0	0	30	27	47	0
20	0	0	0	0	0	0	0	0	30	29	47	0
21	0	0	0	0	0	0	0	0	30	29	47	0
22	0	0	0	0	0	0	0	0	30	29	47	0
23	0	0	0	0	0	0	0	0	27	29	47	0
24	0	0	0	0	0	0	0	0	27	29	47	0
25	0	0	0	0	0	0	0	0	27	27	47	0
26	0	0	0	0	0	0	0	0	27	27	47	0
27	0	0	0	0	0	0	0	0	27	27	47	0
28	0	0	0	0	0	0	0	0	27	27	47	0
29	0	0	0	0	0	0	0	0	27	47	47	0
30	0	0	0	0	0	0	0	0	27	47	47	0
31	0	0	0	0	0	0	0	0	---	47	47	---
TOTAL	0	0	0	0	0	0	0	0	426	901	1457	517
MEAN	0	0	0	0	0	0	0	0	14.2	29.0	47.0	17.2
MAX	0	0	0	0	0	0	0	0	30	47	47	47
MIN	0	0	0	0	0	0	0	0	27	25	47	47
AC-FT	0	0	0	0	0	0	0	0	844	1787	2889	1025
WTR YR 1976	TOTAL	3301	MEAN	275.0	MAX	47	MIN	25	AC-FT	6547		

TABLE 28

STATION NUMBER 13047500F DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1977 TO SEPTEMBER 1978 RUN DATE 02/27/79

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0	0	0	0	309	288	630	1350	1710	2030	648	614
2	0	0	0	0	301	287	660	1660	1800	1920	636	613
3	0	0	0	0	333	298	580	1910	1930	1760	615	614
4	0	0	0	0	307	320	530	1630	1920	1720	610	616
5	0	0	0	0	299	330	520	1450	2110	1480	609	631
6	0	0	0	0	305	319	485	1380	2400	1340	607	642
7	0	0	0	0	297	303	520	1380	2490	1290	597	590
8	0	0	0	0	330	305	610	1440	2570	1290	592	568
9	0	0	0	0	309	313	690	1630	2800	1390	586	653
10	0	0	0	0	306	316	700	2100	3140	1260	603	752
11	0	0	0	0	315	311	730	2330	2970	1200	619	723
12	0	0	0	0	302	313	750	2140	2460	1240	612	650
13	0	0	0	0	298	309	730	2140	2380	1160	737	631
14	0	0	0	0	302	303	680	2610	2610	1080	783	606
15	0	0	0	0	299	300	660	3360	2840	1080	676	581
16	0	0	0	0	290	300	690	3540	2720	1000	738	611
17	0	0	0	0	293	300	660	2520	2380	1020	919	611
18	0	0	0	0	294	300	656	2190	2200	874	766	592
19	0	0	0	0	288	310	646	2020	2200	842	711	597
20	0	0	0	0	293	320	679	2150	2110	808	677	591
21	0	0	0	0	284	325	450	2310	2170	707	676	585
22	0	0	0	0	285	340	700	2530	2410	677	680	625
23	0	0	0	0	285	355	660	2510	2480	642	658	626
24	0	0	0	0	292	370	647	2420	2480	633	653	607
25	0	0	0	0	302	360	720	2070	2440	611	647	582
26	0	0	0	0	291	360	941	1830	2110	670	650	564
27	0	0	0	0	292	375	1150	1750	1770	730	642	551
28	0	0	0	0	291	400	1260	1830	1730	789	638	543
29	0	0	0	0	---	435	1200	2080	1910	766	632	537
30	0	0	0	0	---	480	1230	2100	2030	702	627	533
31	0	---	0	0	---	550	---	1890	---	661	619	---
TOTAL	0	0	0	0	8392	10495	21764	64250	69270	33372	20463	18239
MEAN	0	0	0	0	269.7	338.5	725.4	2072.5	2309.0	1076.5	660.0	607.9
MAX	0	0	0	0	333	550	1260	3540	3140	2030	919	752
MIN	0	0	0	0	284	287	450	1350	1710	611	586	533
AC-FT	0	0	0	0	16045	20816	43168	127439	137397	66193	40588	36177
WTR YR 1978	TOTAL	240245	MEAN	20520.4	MAX	3540	MIN	284	AC-FT	488426		

TABLE 29

STATION NUMBER 13049500R

FALLS R. N. K. CHESTER
DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1977 TO SEPTEMBER 1978
MEAN VALUES

RUN DATE 02/27/79

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0	0	0	0	634	345	843	1580	1760	1610	270	336
2	0	0	0	0	494	345	884	1960	1760	1540	265	343
3	0	0	0	0	416	348	781	2390	1900	1370	240	349
4	0	0	0	0	393	361	712	2100	1900	1330	227	351
5	0	0	0	0	369	373	692	1600	2000	1180	225	350
6	0	0	0	0	367	369	647	1670	2300	974	234	361
7	0	0	0	0	349	355	686	1650	2440	924	224	391
8	0	0	0	0	378	354	812	1700	2520	911	218	421
9	0	0	0	0	360	359	917	1880	2710	1030	216	382
10	0	0	0	0	360	369	932	2440	3040	929	218	372
11	0	0	0	0	370	366	974	2800	3010	838	220	474
12	0	0	0	0	362	370	995	2730	2460	816	218	591
13	0	0	0	0	352	373	968	2790	2220	768	301	578
14	0	0	0	0	348	369	909	3010	2420	682	467	528
15	0	0	0	0	355	361	884	3940	2670	650	347	505
16	0	0	0	0	334	358	916	4490	2610	602	363	485
17	0	0	0	0	434	361	898	3230	2240	608	632	464
18	0	0	0	0	3230	365	815	2700	1980	507	528	503
19	0	0	0	0	1170	374	800	2430	1960	473	455	505
20	0	0	0	0	666	393	833	2490	1870	432	416	486
21	0	0	0	0	440	405	933	2610	1840	348	398	481
22	0	0	0	0	363	423	875	2890	2050	310	393	502
23	0	0	0	0	346	442	815	2890	2140	277	413	508
24	0	0	0	0	349	463	789	2820	2150	271	388	492
25	0	0	0	0	365	451	872	2450	2120	249	373	463
26	0	0	0	0	352	448	1110	2120	1860	228	357	443
27	0	0	0	0	353	469	1420	1970	1440	208	354	427
28	0	0	0	0	351	501	1620	1970	1340	260	438	408
29	0	0	0	0	---	544	1530	2160	1450	405	432	406
30	0	0	0	0	---	604	1540	2210	1590	335	419	401
31	0	---	0	0	---	685	---	2000	---	291	348	---
TOTAL	0	0	0	0	14660	12705	28402	75870	63750	21356	10597	13306
MEAN	0	0	0	0	523.5	409.8	946.7	2447.4	2125.0	688.9	341.8	443.5
MAX	0	0	0	0	3430	685	1620	4490	3040	1610	632	591
MIN	0	0	0	0	334	345	647	1580	1340	208	216	336
AC-FT	0	0	0	0	24074	25200	56335	150448	126448	42359	21019	26392
WTR YR 1978	TOTAL	240646	MEAN	20053.8	MAX	4490	MIN	208	AC-FT	477321		

TABLE 30

STATION NUMBER 1305050UF
 DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1977 TO SEPTEMBER 1978
 HENRIS FURN AT ST ANTHONY
 MEAN VALUES
 RUN DATE 02/27/79

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0	0	0	0	1090	1190	1940	4200	2410	1990	1220	948
2	0	0	0	0	1070	1160	1980	4940	2290	1950	1200	934
3	0	0	0	0	1120	1150	1850	5820	2370	1760	1140	962
4	0	0	0	0	1100	1220	1730	5210	2340	1650	1120	968
5	0	0	0	0	1080	1250	1770	4690	2350	1600	1080	929
6	0	0	0	0	1110	1250	1790	4430	2600	1540	1050	1080
7	0	0	0	0	1090	1190	1930	4450	2790	1540	1050	1190
8	0	0	0	0	1160	1180	2230	4560	2830	1540	1010	1190
9	0	0	0	0	1120	1210	2390	4790	2910	1540	943	1240
10	0	0	0	0	1020	1210	2420	5490	3330	1540	909	1200
11	0	0	0	0	1160	1190	2560	6100	3490	1430	920	1340
12	0	0	0	0	1060	1200	2600	6040	3080	1360	938	1440
13	0	0	0	0	1080	1180	2530	5620	2820	1200	1030	1440
14	0	0	0	0	1060	1180	2400	6000	2980	982	1290	1310
15	0	0	0	0	1130	1150	2380	7260	3260	943	1250	1240
16	0	0	0	0	1030	1160	2510	7980	3230	889	1330	1280
17	0	0	0	0	1040	1160	2500	6160	2860	966	1720	1550
18	0	0	0	0	1040	1150	2270	5350	2500	924	1640	1510
19	0	0	0	0	1090	1140	2220	4990	2490	1020	1470	1350
20	0	0	0	0	1150	1180	2260	4920	2430	957	1420	1310
21	0	0	0	0	1120	1220	2470	4910	2300	926	1420	1260
22	0	0	0	0	1070	1290	2410	5130	2470	866	1370	1260
23	0	0	0	0	1080	1320	2200	4860	2540	937	1300	1310
24	0	0	0	0	1100	1370	2120	4520	2540	1090	1230	1310
25	0	0	0	0	1130	1350	2280	3900	2510	1070	1100	1290
26	0	0	0	0	1100	1310	2650	3440	2370	1020	1040	1250
27	0	0	0	0	1120	1330	3630	3120	1940	975	1050	1200
28	0	0	0	0	1170	1380	4140	2850	1780	1030	1080	1190
29	0	0	0	0	---	1430	4070	2930	1830	1230	1030	1240
30	0	0	0	0	---	1520	4110	2910	1990	1240	1020	1300
31	0	---	---	0	---	1650	---	2690	---	1250	963	---
TOTAL	0	0	0	0	30690	38870	74340	150260	77620	38955	36333	37121
MEAN	0	0	0	0	1096.0	1253.8	2478.0	4847.0	2547.3	1256.6	1172.0	1237.3
MAX	0	0	0	0	1170	1650	4140	7980	3490	1990	1720	1550
MIN	0	0	0	0	1020	1140	1730	2690	1780	866	909	929
AC-FT	0	0	0	0	60873	77098	147453	296040	153959	77267	72066	73629
WTR YR 1978	TOTAL	484189	MEAN	40349.0	MAX	7980	9410	R66	AC-FT	960388		

TABLE 31

STATION NUMBER 13055000F
 TIFUN R. NR ST ANTHONY
 DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1977 TO SEPTEMBER 1978
 MEAN VALUES

RUN DATE 02/27/79

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0	0	0	0	256	333	1790	956	1670	2640	1210	866
2	0	0	0	0	351	338	1620	1040	1510	2640	1100	865
3	0	0	0	0	361	330	1070	1150	1560	2550	1050	853
4	0	0	0	0	374	335	789	1300	1770	2460	1010	850
5	0	0	0	0	360	357	815	1300	1920	2320	1010	868
6	0	0	0	0	370	352	687	1160	2250	2080	1040	887
7	0	0	0	0	378	373	711	987	2440	2020	1050	926
8	0	0	0	0	381	370	919	883	2460	2070	1010	914
9	0	0	0	0	372	366	884	841	3020	2070	972	855
10	0	0	0	0	361	379	802	906	3420	2070	983	831
11	0	0	0	0	375	385	768	1230	3420	2060	906	866
12	0	0	0	0	365	379	802	1630	2820	2090	917	958
13	0	0	0	0	352	384	768	1510	2240	2080	944	1000
14	0	0	0	0	317	372	729	1520	2270	2010	1220	985
15	0	0	0	0	343	359	690	2170	2700	1970	1160	892
16	0	0	0	0	349	344	673	2860	2860	2000	1010	761
17	0	0	0	0	322	342	674	2560	2600	2020	1120	740
18	0	0	0	0	285	351	654	2000	2190	1940	1200	736
19	0	0	0	0	313	363	633	1950	1980	1750	1110	754
20	0	0	0	0	353	400	616	1790	1990	1590	1060	768
21	0	0	0	0	358	451	627	1690	1960	1500	1020	753
22	0	0	0	0	349	474	625	1920	2310	1400	990	715
23	0	0	0	0	333	502	611	2200	2580	1290	993	699
24	0	0	0	0	343	541	591	2360	2660	1230	985	678
25	0	0	0	0	347	608	578	2270	2640	1180	916	672
26	0	0	0	0	340	594	640	1920	2510	1220	871	665
27	0	0	0	0	340	640	788	1690	2090	1190	860	663
28	0	0	0	0	338	718	979	1610	1920	1200	872	656
29	0	0	0	0	---	789	939	1730	2110	1330	848	650
30	0	0	0	0	---	984	908	1960	2450	1400	849	635
31	0	0	0	0	---	1270	---	1930	---	1330	859	---
TOTAL	0	0	0	0	9676	14793	24380	51023	70320	56700	31145	23961
MEAN	0	0	0	0	345.5	477.1	812.6	1645.9	2344.0	1829.0	1004.6	798.7
MAX	0	0	0	0	381	1270	1790	2860	3420	2640	1220	1000
MIN	0	0	0	0	256	330	578	841	1510	1180	848	635
AC-FT	0	0	0	0	19192	29341	48357	101204	139479	112464	61776	47526
WTP YR 1978	TOTAL	281998	MEAN	23499.8	MAX	3420	MIN	256	AC-FT	559343		

TABLE 32

STATION NUMBER 1305050UF DISCHARGE, IN CUBIC FEET PER SECOND, MEAN VALUES
 REHNS FOR REHNS
 WATER YEAR OCTOBER 1977 TO SEPTEMBER 1978
 RUN DATE 02/27/79

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0	0	0	0	1340	1360	2680	4260	2860	2710	1650	1300
2	0	0	0	0	1330	1340	3120	4470	2500	2860	1490	1300
3	0	0	0	0	1340	1320	2950	5080	2400	2840	1370	1240
4	0	0	0	0	1380	1360	2520	6070	2550	2720	1290	1220
5	0	0	0	0	1350	1410	2330	5740	2630	2750	1210	1190
6	0	0	0	0	1370	1460	2320	5190	2750	2470	1210	1340
7	0	0	0	0	1380	1440	2300	4830	3100	2200	1200	1340
8	0	0	0	0	1400	1420	2630	4680	3290	2080	1120	1630
9	0	0	0	0	1410	1420	2840	4680	3320	2180	1030	1750
10	0	0	0	0	1370	1460	2910	4870	3590	2210	1010	1770
11	0	0	0	0	1410	1460	2910	5470	4050	2010	1020	1820
12	0	0	0	0	1370	1430	3000	6440	4330	1860	1030	2110
13	0	0	0	0	1310	1440	3000	6680	3840	1800	1180	2240
14	0	0	0	0	1300	1420	2920	6150	3240	1700	1480	2200
15	0	0	0	0	1300	1390	2740	6610	3360	1550	1730	2100
16	0	0	0	0	1310	1370	2780	7940	3700	1510	1700	1950
17	0	0	0	0	1280	1360	2850	9320	3710	1530	1880	1930
18	0	0	0	0	1310	1320	2740	7880	3260	1460	2310	2030
19	0	0	0	0	1270	1330	2540	6480	2930	1410	2170	2140
20	0	0	0	0	1270	1370	2460	5770	2780	1370	2040	2080
21	0	0	0	0	1330	1420	2600	5440	2560	1410	1950	1980
22	0	0	0	0	1300	1500	2690	5370	2550	1330	1880	1930
23	0	0	0	0	1270	1570	2560	5560	2850	1200	1770	1870
24	0	0	0	0	1260	1650	2390	5470	3070	1270	1720	1880
25	0	0	0	0	1300	1700	2350	5230	3240	1300	1540	1840
26	0	0	0	0	1310	1690	2540	4630	3360	1150	1410	1820
27	0	0	0	0	1290	1670	3040	3940	3060	1090	1380	1730
28	0	0	0	0	1320	1770	3690	3410	2520	1110	1400	1710
29	0	0	0	0	1870	1870	4180	3130	2290	1520	1360	1700
30	0	0	0	0	2010	4210	4210	3130	2480	1710	1310	1690
31	0	0	0	0	2280	2280	---	3130	---	1800	1320	---
TOTAL	0	0	0	0	37200	47010	84790	167000	92170	56110	46330	53170
MEAN	0	0	0	0	1324.5	1516.4	2726.3	5387.0	3072.3	1810.0	1494.5	1772.3
MAX	0	0	0	0	1410	4210	4210	9320	4330	2860	2310	2240
MIN	0	0	0	0	1320	1320	2300	3130	2290	1090	1010	1190
AC-FI	0	0	0	0	73780	93244	168180	331244	182819	111294	91895	105462
WTR YR 1978	TOTAL	583780	MEAN	48648.3	MAX	9320	MIN	1010	AC-FI	1157927		

TABLE 33

STATION NUMBER 13057940F DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1977 TO SEPTEMBER 1978
WILLON CR BELOW TFA CR
MEAN VALUES

RUN DATE 02/27/79

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0	0	0	0	47	39	425	820	337	109	45	33
2	0	0	0	0	41	38	501	690	319	105	44	31
3	0	0	0	0	40	37	420	671	313	101	42	29
4	0	0	0	0	39	45	372	660	320	99	41	28
5	0	0	0	0	39	45	334	589	305	102	39	27
6	0	0	0	0	45	49	289	537	284	96	36	28
7	0	0	0	0	40	45	320	498	268	99	35	30
8	0	0	0	0	44	44	530	475	254	93	34	30
9	0	0	0	0	44	49	545	454	244	89	34	31
10	0	0	0	0	45	53	559	471	232	85	34	31
11	0	0	0	0	41	51	614	546	233	85	33	39
12	0	0	0	0	39	53	676	578	223	82	32	55
13	0	0	0	0	55	53	651	514	212	79	34	55
14	0	0	0	0	49	45	608	486	200	74	52	53
15	0	0	0	0	40	39	548	491	175	70	54	46
16	0	0	0	0	42	38	642	499	164	69	50	41
17	0	0	0	0	59	46	625	520	161	67	56	38
18	0	0	0	0	72	53	484	592	153	64	52	38
19	0	0	0	0	54	63	447	614	150	62	48	43
20	0	0	0	0	40	77	497	522	147	59	47	46
21	0	0	0	0	42	85	581	482	143	59	42	44
22	0	0	0	0	56	98	527	461	140	56	39	41
23	0	0	0	0	59	106	428	454	134	55	39	39
24	0	0	0	0	43	132	402	440	131	53	40	38
25	0	0	0	0	40	121	470	438	127	51	37	36
26	0	0	0	0	41	131	620	412	130	50	36	36
27	0	0	0	0	39	155	748	392	130	48	35	35
28	0	0	0	0	33	164	666	374	125	48	35	35
29	0	0	0	0	---	194	568	355	116	50	35	33
30	0	0	0	0	---	239	620	354	113	49	33	33
31	0	---	0	0	---	283	---	365	---	46	33	---
TOTAL	0	0	0	0	1267	2670	15717	15754	5983	2256	1246	1122
MEAN	0	0	0	0	45.2	86.1	523.9	508.1	199.4	72.7	40.1	37.4
MAX	0	0	0	0	72	283	748	820	337	109	56	55
MIN	0	0	0	0	33	37	289	354	113	46	32	27
AC-FT	0	0	0	0	2513	5295	31174	31248	11867	4474	2471	2225
WTR YR 1978	TOTAL	46015	MEAN	3834.5	MAX	820	MIN	27	AC-FT	91270		

TABLE 34

STATION NUMBER 13058000F DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1977 TO SEPTEMBER 1978
 *ULOW CR NR RIRIE
 MEAN VALUES
 RUN DATE 02/27/79

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0	0	0	0	22	100	98	54	28	28	90	192
2	0	0	0	0	22	100	90	54	31	28	183	191
3	0	0	0	0	22	100	91	56	36	25	209	191
4	0	0	0	0	22	99	91	56	36	25	207	191
5	0	0	0	0	23	98	80	57	34	24	206	192
6	0	0	0	0	25	99	59	57	30	23	207	193
7	0	0	0	0	23	98	43	44	31	22	206	192
8	0	0	0	0	43	97	43	43	31	22	206	191
9	0	0	0	0	23	86	43	59	30	22	206	192
10	0	0	0	0	29	49	43	63	32	21	205	191
11	0	0	0	0	35	36	43	43	32	21	204	191
12	0	0	0	0	36	35	44	19	32	26	204	188
13	0	0	0	0	42	33	46	31	30	25	204	186
14	0	0	0	0	55	33	46	31	26	25	202	188
15	0	0	0	0	76	33	46	30	27	25	200	187
16	0	0	0	0	119	33	47	30	27	25	200	186
17	0	0	0	0	134	33	48	29	32	24	199	184
18	0	0	0	0	102	33	49	30	33	24	198	185
19	0	0	0	0	100	33	50	30	31	22	197	185
20	0	0	0	0	101	33	50	31	32	22	197	187
21	0	0	0	0	99	32	50	32	30	21	196	189
22	0	0	0	0	101	32	50	32	29	21	195	186
23	0	0	0	0	101	28	51	32	29	20	194	185
24	0	0	0	0	101	24	52	33	28	20	194	190
25	0	0	0	0	101	26	53	32	28	19	193	191
26	0	0	0	0	100	26	53	32	29	19	194	189
27	0	0	0	0	100	62	53	32	29	18	192	188
28	0	0	0	0	99	75	53	32	29	16	192	187
29	0	0	0	0	---	64	53	30	29	19	192	187
30	0	0	0	0	---	72	54	28	28	18	190	187
31	0	0	0	0	---	87	---	28	---	28	191	---
TOTAL	0	0	0	0	1837	1795	1671	1190	909	700	6043	5662
MEAN	0	0	0	0	57.9	57.9	55.7	38.3	30.3	22.5	194.9	188.7
MAX	0	0	0	0	134	100	91	63	36	28	209	193
MIN	0	0	0	0	22	24	43	19	26	18	80	184
AC-FT	0	0	0	0	3643	3580	3314	2360	1403	1388	11986	11230
WTR YR 1978	TOTAL	19807	MEAN	1650.5	MAX	209	*IN	18	AC-FT	39287		

TABLE 35

RUN DATE 02/27/79

STATION NUMBER 130600004
 SHAKE R. R. SHELLEY
 DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1977 TO SEPTEMBER 1978
 MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0	0	0	0	2230	2830	7860	12000	9260	11500	5470	2810
2	0	0	0	0	2190	3070	8390	11900	8810	11500	5070	2730
3	0	0	0	0	2210	3080	8010	12100	9390	10700	4750	2660
4	0	0	0	0	2280	3070	7580	12800	10500	9770	4310	2700
5	0	0	0	0	2260	3150	7240	13500	10900	9540	4210	2530
6	0	0	0	0	2250	3200	7120	13200	11500	9240	4160	2560
7	0	0	0	0	2280	3240	7230	12600	11700	8560	4290	2920
8	0	0	0	0	2270	3190	7460	12100	11900	7550	4030	3300
9	0	0	0	0	2310	3180	7760	11700	12100	6900	3910	3600
10	0	0	0	0	2330	3190	7910	12300	12500	6440	3860	3730
11	0	0	0	0	2330	3250	7960	12800	13500	5780	4090	4150
12	0	0	0	0	2300	3270	8630	13600	13500	5290	4210	4580
13	0	0	0	0	2240	3210	8940	14000	13100	5190	4640	4900
14	0	0	0	0	2150	3400	8900	14800	12300	5900	5360	4980
15	0	0	0	0	2240	3460	8820	14800	11600	6090	5610	4630
16	0	0	0	0	2530	3440	8700	15200	11500	6720	5330	4090
17	0	0	0	0	2580	3400	9150	16400	11900	7790	5140	3880
18	0	0	0	0	2530	3390	9360	16700	12100	8130	5620	3920
19	0	0	0	0	2700	3370	9240	16400	11600	8130	5500	4050
20	0	0	0	0	2840	3380	9650	15300	11100	8260	5130	3850
21	0	0	0	0	2660	3430	9860	15200	10900	8360	4630	3810
22	0	0	0	0	2640	3490	10000	15000	10600	7960	3920	3810
23	0	0	0	0	2610	3590	10100	14600	10900	7190	3730	3730
24	0	0	0	0	2580	3650	9910	15200	12000	6120	3770	3660
25	0	0	0	0	2570	3740	9730	15200	12600	5350	3560	3500
26	0	0	0	0	2610	3720	9720	14600	13000	4930	3340	3220
27	0	0	0	0	2590	3700	10300	13200	12700	4370	3270	3000
28	0	0	0	0	2580	4210	10900	11800	12200	4390	3240	2730
29	0	0	0	0	---	5080	11400	10600	11600	4870	3060	2490
30	0	0	0	0	---	6540	11800	9770	11300	5620	2860	2460
31	0	---	0	0	---	7340	---	9190	---	5900	2720	---
TOTAL	0	0	0	0	67890	113310	269630	418560	348560	224040	132790	104980
MEAN	0	0	0	0	2424.6	3655.1	8987.6	13501.9	11618.6	7227.0	4283.5	3499.3
MAX	0	0	0	0	2840	7340	11800	16700	13500	11500	5620	4980
MIN	0	0	0	0	2150	2830	7120	9190	8810	4370	2720	2460
AC-FT	0	0	0	0	134659	224750	534811	830213	691368	444383	263388	208227
WTR YR 1978	TOTAL	1679760	MEAN	39980.0	MAX	16700	MIN	2150	AC-FT	3331803		

TABLE 36

STATION NUMBER 13069500F
 DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1977 TO SEPTEMBER 1978
 NAME R. NE BLACKFOOT
 MEAN VALUES
 RUN DATE 02/27/79

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0	0	0	0	2080	2350	7200	10900	5990	8240	2560	653
2	0	0	0	0	2000	2450	7870	10800	5570	8360	2190	653
3	0	0	0	0	2030	2740	8080	10600	5520	7930	1850	552
4	0	0	0	0	2030	2760	7450	11000	6790	6850	1470	577
5	0	0	0	0	2060	2800	7060	11800	7550	6540	1320	577
6	0	0	0	0	2050	2800	6820	12100	7970	6110	1250	485
7	0	0	0	0	2060	2920	6830	11500	8180	5610	1540	584
8	0	0	0	0	2080	2910	7130	10900	8240	4610	1510	1020
9	0	0	0	0	2080	2890	7460	10300	8390	3930	1290	1450
10	0	0	0	0	2080	2890	7570	10200	8500	3450	1220	1790
11	0	0	0	0	2100	2920	7580	10700	9520	2770	1370	2240
12	0	0	0	0	2090	3000	7920	11300	10000	2220	1680	2980
13	0	0	0	0	2050	3010	8500	11800	9650	1890	2040	3530
14	0	0	0	0	1970	2970	8580	12200	9070	2350	2920	3740
15	0	0	0	0	1940	3180	8530	12400	8240	2610	3550	3740
16	0	0	0	0	2130	3220	8430	12200	7960	2730	3580	3240
17	0	0	0	0	2270	3190	8560	13400	8260	3840	3420	2840
18	0	0	0	0	2250	3180	8900	14400	8990	4800	3600	2690
19	0	0	0	0	2200	3150	8780	14400	9050	4670	3900	2920
20	0	0	0	0	2270	3160	8730	13700	8490	4510	3680	2870
21	0	0	0	0	2390	3200	9040	13300	8270	4750	3360	2730
22	0	0	0	0	2360	3260	9240	13200	8050	4530	2560	2720
23	0	0	0	0	2330	3360	9360	12700	7910	4150	1910	2520
24	0	0	0	0	2290	3440	9190	12800	8860	3470	1810	2330
25	0	0	0	0	2290	3550	8910	13200	9570	2410	1780	2220
26	0	0	0	0	2290	3590	8800	12600	10400	1980	1430	1900
27	0	0	0	0	2330	3590	9130	11500	10200	1480	1250	1600
28	0	0	0	0	2310	3720	9620	9970	9840	1050	1270	1230
29	0	0	0	0	---	4450	10200	8600	8930	1240	1110	972
30	0	0	0	0	---	5430	10700	7310	4360	2230	910	811
31	0	---	0	0	---	6560	---	6290	---	2860	725	---
TOTAL	0	0	0	0	60340	102840	252170	358070	252320	124130	64055	58164
MEAN	0	0	0	0	2156.7	3317.4	8405.6	11550.6	8410.6	4004.1	2066.2	1938.8
MAX	0	0	0	0	2390	6560	10700	14400	10400	8360	3900	3740
MIN	0	0	0	0	1940	2350	6820	6290	5520	1050	725	485
AC-FT	0	0	0	0	119743	203943	500179	710231	500476	246211	127053	115368
WTR YR 1978	TOTAL	1272139	MEAN	6011.5	MAX	14400	MIN	485	AC-FT	2523287		

TABLE 37

RUN DATE 02/27/79

STATION NUMBER 13077000F
 SHAKE R. AT NEFLBY
 DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1977 TO SEPTEMBER 1978
 MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0	0	0	0	496	5100	5100	11400	9060	12500	12000	9760
2	0	0	0	0	496	5340	5340	11600	9380	13000	11900	9570
3	0	0	0	0	500	2410	4960	11900	9380	13300	12100	9380
4	0	0	0	0	495	2390	4920	12300	9380	13200	12000	9010
5	0	0	0	0	495	2390	4920	12500	7740	13200	11800	8740
6	0	0	0	0	495	2390	5120	12500	8740	12500	11800	8040
7	0	0	0	0	274	2410	4920	12400	10200	11500	11800	7360
8	0	0	0	0	197	2410	4890	12400	10400	11800	11900	7160
9	0	0	0	0	197	2440	4890	12400	10300	12100	12000	6960
10	0	0	0	0	298	2640	5640	12400	10300	12100	12000	6760
11	0	0	0	0	462	2750	6520	12500	10100	12000	12100	6180
12	0	0	0	0	457	2750	6840	12400	10300	12000	12200	5180
13	0	0	0	0	674	2840	6560	12400	10600	11800	12300	4530
14	0	0	0	0	889	2810	5680	12400	10500	11500	12300	4400
15	0	0	0	0	1150	2780	6760	11500	10200	11300	12200	4500
16	0	0	0	0	1370	2810	6800	9910	9670	11600	11700	4530
17	0	0	0	0	1360	2830	8080	10400	8700	11600	11300	4510
18	0	0	0	0	1360	2830	9570	11000	8610	11500	10700	4490
19	0	0	0	0	1360	2870	10600	13000	8610	11800	10400	4510
20	0	0	0	0	1360	2870	11100	14000	8520	12400	10100	4500
21	0	0	0	0	1510	2850	11200	13800	9060	12500	10200	4500
22	0	0	0	0	1770	2900	11100	13800	9870	12400	10300	4590
23	0	0	0	0	1770	2910	11000	13800	10200	12200	10400	4550
24	0	0	0	0	1770	2930	10900	13800	10900	12200	10300	4630
25	0	0	0	0	1750	2930	10900	13800	11200	12200	10400	4620
26	0	0	0	0	1750	2960	10900	13700	10900	12300	10400	4630
27	0	0	0	0	2120	3440	10800	13700	10100	12100	10400	4610
28	0	0	0	0	2410	3910	11000	13700	11300	12300	10300	4640
29	0	0	0	0	---	4030	11000	13400	12000	12000	10300	4620
30	0	0	0	0	---	4980	11000	12100	11900	11900	9910	4600
31	0	---	0	0	---	4420	---	9910	---	12200	9910	---
TOTAL	0	0	0	0	29235	96320	240010	386820	298120	377100	347420	176060
MEAN	0	0	0	0	1044.1	3107.6	8000.3	12478.0	9937.3	12164.5	11207.0	5868.6
MAX	0	0	0	0	2410	5340	11200	14000	12000	13300	12300	9760
MIN	0	0	0	0	197	2390	4890	9910	7740	11300	9910	4400
AC-FT	0	0	0	0	57987	191050	476059	767257	591321	747977	689107	349215
WTR YR 1978	TOTAL	1951085	MEAN	62590.4	MAX	14000	MIN	197	AC-FT	3869977		

TABLE 38

STATION NUMBER 130R1500+ DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1977 TO SEPTEMBER 1978
 NAME: R. R. M. WINDON
 RUN DATE 02/27/79
 MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0	0	0	0	1070	2130	3050	10200	8850	9170	9240	7640
2	0	0	0	0	1090	2210	3110	10300	7980	9360	9250	7630
3	0	0	0	0	1030	2250	4260	10700	7840	9470	9260	7560
4	0	0	0	0	1010	2240	4200	10900	7870	9230	9240	7440
5	0	0	0	0	1010	2250	5200	11200	7930	9160	9160	7240
6	0	0	0	0	969	2270	5440	11300	7700	9030	9140	6680
7	0	0	0	0	1020	2250	5470	11500	7700	8050	9210	6030
8	0	0	0	0	1080	2260	5450	11600	7810	8430	9220	5570
9	0	0	0	0	1020	2120	5410	11400	8070	8940	9200	5630
10	0	0	0	0	1010	2300	5360	11300	8280	9450	9300	5310
11	0	0	0	0	1020	2300	5630	11400	8250	9190	9500	5150
12	0	0	0	0	1130	2340	5460	11300	8190	9330	9510	4310
13	0	0	0	0	1260	2370	5470	11200	7960	9270	9480	3850
14	0	0	0	0	1190	2740	5550	11200	8130	9150	9490	3890
15	0	0	0	0	1210	2500	5690	10500	8220	9020	9210	3720
16	0	0	0	0	1150	2380	5850	9280	8130	9200	9140	3830
17	0	0	0	0	1550	2380	6010	9100	7750	9430	9180	3790
18	0	0	0	0	1670	2380	8340	9160	7560	9600	8940	3880
19	0	0	0	0	1650	2400	10300	10500	7450	9610	8630	3720
20	0	0	0	0	1660	2400	10900	12200	7360	9600	8510	3720
21	0	0	0	0	1650	2410	10800	12300	7380	9550	8490	3640
22	0	0	0	0	1660	2580	10900	12400	7680	9450	8460	3570
23	0	0	0	0	1650	2690	10900	12600	8180	9440	8430	3540
24	0	0	0	0	1630	2740	10900	12800	8630	9420	8370	3530
25	0	0	0	0	1670	2690	10500	12700	8840	9420	8330	3480
26	0	0	0	0	1670	2690	10400	12800	8420	9450	8290	3480
27	0	0	0	0	1920	2910	10300	12800	8420	9410	8350	3480
28	0	0	0	0	2130	3000	10300	12800	8190	9490	8140	3780
29	0	0	0	0	---	2970	10200	12500	8440	9490	8070	4010
30	0	0	0	0	---	3010	10200	11300	8990	9280	7920	4020
31	0	0	0	0	---	3010	---	9920	---	9150	7710	---
TOTAL	0	0	0	0	37779	77170	220056	351160	242230	287240	274370	143120
MEAN	0	0	0	0	1349.2	2489.3	7335.0	11327.7	8074.3	9265.8	8850.6	4770.6
MAX	0	0	0	0	2130	3010	10900	12800	8990	9610	9510	7640
MIN	0	0	0	0	969	2120	2760	9100	7360	8050	7710	3480
AC-FT	0	0	0	0	74934	153066	436469	696525	480463	569740	544212	283878
WTR YR 1978	TOTAL	1633119	MEAN	36093.2	MAX	12800	MIN	969	AC-FT	3239291		

TABLE 39

STATION NUMBER 13088000F
 SANK R. AT MILP
 DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1977 TO SEPTEMBER 1978
 MEAN VALUES

RUN DATE 02/27/79

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0	0	0	0	1820	2310	1930	6370	1020	55	296	523
2	0	0	0	0	1520	2360	1860	5470	152	56	292	523
3	0	0	0	0	1260	2310	1890	4310	151	222	282	504
4	0	0	0	0	1230	2330	1940	4410	151	330	279	519
5	0	0	0	0	1180	2320	2980	5710	152	182	278	504
6	0	0	0	0	1150	2280	5140	6060	151	535	279	769
7	0	0	0	0	1130	2390	5210	6080	186	603	279	1140
8	0	0	0	0	1030	2390	5410	6120	136	69	282	624
9	0	0	0	0	1080	2360	5400	5470	70	207	281	629
10	0	0	0	0	1120	2310	5340	4620	60	100	286	624
11	0	0	0	0	1100	2360	4860	4200	61	120	285	564
12	0	0	0	0	1110	2350	4680	4180	65	67	287	543
13	0	0	0	0	1220	2380	4570	4350	65	64	287	818
14	0	0	0	0	1300	2460	4330	4270	65	63	291	968
15	0	0	0	0	1270	2770	4150	3340	64	63	408	875
16	0	0	0	0	1290	2720	3890	2300	65	62	319	543
17	0	0	0	0	1310	2620	3650	1950	66	62	507	510
18	0	0	0	0	1430	2670	5270	1710	65	63	743	509
19	0	0	0	0	1640	2590	8070	2130	63	288	592	1040
20	0	0	0	0	1790	2500	9450	4570	63	293	497	1750
21	0	0	0	0	1880	2550	9180	5140	62	294	519	2080
22	0	0	0	0	1890	2560	9080	4880	60	295	519	2270
23	0	0	0	0	1860	2620	8770	4660	59	295	519	2250
24	0	0	0	0	1840	2660	8420	4700	59	296	498	2180
25	0	0	0	0	1820	2740	8110	4840	61	296	499	1980
26	0	0	0	0	1820	2710	7360	4860	61	296	499	1450
27	0	0	0	0	1810	2360	6990	4850	57	294	498	843
28	0	0	0	0	2160	2150	6950	5000	56	295	502	422
29	0	0	0	0	---	2170	6780	4540	55	298	504	305
30	0	0	0	0	---	2260	6710	3830	55	302	523	319
31	0	---	0	0	---	2110	---	2480	---	300	501	---
TOTAL	0	0	0	0	41060	75670	168360	137400	3456	6765	12631	28578
MEAN	0	0	0	0	1486.4	2440.4	5612.0	4432.2	115.2	218.2	407.4	952.6
MAX	0	0	0	0	2160	2770	9450	6370	1020	603	743	2270
MIN	0	0	0	0	1030	2110	1860	1710	55	55	278	305
AC-FT	0	0	0	0	81442	150091	333942	272532	6854	13418	25053	56684
WTR YR 1978	TOTAL	473920	MEAN	39493.3	MAX	9450	MIN	55	AC-FT	940020		

TABLE 38

STATION NUMBER 130R1500F
 DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1977 TO SEPTEMBER 1978
 SWAMP, R. NR MILDONA
 MEAN VALUES
 RUN DATE 02/27/79

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0	0	0	0	1070	2130	3050	10200	8850	9170	9240	7640
2	0	0	0	0	1090	2210	3110	10300	7980	9360	9250	7630
3	0	0	0	0	1030	2250	2760	10700	7840	9470	9260	7560
4	0	0	0	0	1010	2240	4200	10900	7870	9230	9240	7440
5	0	0	0	0	1010	2250	5200	11200	7930	9150	9160	7240
6	0	0	0	0	969	2270	5440	11300	7700	9030	9140	6680
7	0	0	0	0	1020	2250	5470	11500	7700	8050	9210	6030
8	0	0	0	0	1080	2260	5450	11600	7810	8430	9220	5570
9	0	0	0	0	1020	2120	5410	11400	8070	8940	9200	5630
10	0	0	0	0	1010	2300	5360	11300	8280	9450	9300	5310
11	0	0	0	0	1020	2300	5630	11400	8250	9190	9500	5150
12	0	0	0	0	1130	2340	5460	11300	8190	9330	9510	4310
13	0	0	0	0	1260	2370	5470	11200	7980	9270	9480	3850
14	0	0	0	0	1190	2740	5550	11200	8130	9150	9490	3890
15	0	0	0	0	1210	2500	5690	10500	8220	9020	9210	3720
16	0	0	0	0	1150	2380	5850	9280	8130	9200	9140	3830
17	0	0	0	0	1550	2380	6010	9100	7750	9430	9180	3790
18	0	0	0	0	1670	2380	8340	9160	7560	9610	8940	3880
19	0	0	0	0	1650	2400	10300	10500	7450	9610	8630	3720
20	0	0	0	0	1660	2400	10900	12200	7360	9600	8510	3720
21	0	0	0	0	1650	2410	10800	12300	7390	9550	8490	3640
22	0	0	0	0	1660	2580	10900	12400	7680	9450	8460	3570
23	0	0	0	0	1650	2690	10900	12600	8180	9440	8430	3540
24	0	0	0	0	1630	2740	10900	12800	8630	9420	8370	3530
25	0	0	0	0	1670	2690	10500	12700	8840	9420	8330	3480
26	0	0	0	0	1670	2690	10400	12800	8420	9450	8290	3480
27	0	0	0	0	1920	2910	10300	12800	8420	9410	8350	3480
28	0	0	0	0	2130	3000	10300	12800	8190	9490	8140	3780
29	0	0	0	0	---	2970	10200	12500	8440	9490	8070	4010
30	0	0	0	0	---	3010	10200	11300	8990	9280	7920	4020
31	0	---	---	0	---	3010	---	9920	---	9150	7710	---
TOTAL	0	0	0	0	37779	77170	220050	351160	242230	287240	274370	143120
MEAN	0	0	0	0	1349.2	2489.3	7335.0	11327.7	8074.3	9285.8	8850.6	4770.6
MAX	0	0	0	0	2130	3010	10900	12400	8990	9610	9510	7640
MIN	0	0	0	0	969	2120	2760	9100	7360	8050	7710	3480
AC-FT	0	0	0	0	74934	153066	436469	696525	480463	569740	544212	283878
WTR YR 1978	TOTAL	1633119	MEAN	36093.2	MAX	12800	MIN	969	AC-FT	3239291		

TABLE 39

RUN DATE 02/27/79

STATION NUMBER 13088000F
 SNAKE R. AT MILFAP
 DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1977 TO SEPTEMBER 1978
 MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0	0	0	0	1820	2310	1930	6370	1020	55	296	523
2	0	0	0	0	1520	2360	1860	5470	152	56	292	523
3	0	0	0	0	1260	2310	1880	4310	151	222	282	504
4	0	0	0	0	1230	2330	1940	4410	151	330	279	519
5	0	0	0	0	1180	2320	2980	5710	152	182	278	504
6	0	0	0	0	1150	2280	5140	6060	151	535	279	769
7	0	0	0	0	1130	2390	5210	6080	186	603	279	1140
8	0	0	0	0	1030	2390	5410	6120	136	69	282	624
9	0	0	0	0	1080	2360	5400	5470	70	207	281	629
10	0	0	0	0	1120	2310	5340	4620	60	100	286	624
11	0	0	0	0	1100	2360	4860	4200	61	120	285	564
12	0	0	0	0	1110	2350	4680	4180	65	67	287	543
13	0	0	0	0	1220	2380	4570	4350	65	64	287	818
14	0	0	0	0	1300	2460	4330	4270	65	63	291	968
15	0	0	0	0	1270	2770	4150	3340	64	63	408	875
16	0	0	0	0	1290	2720	3890	2300	65	62	319	543
17	0	0	0	0	1310	2620	3650	1950	66	62	507	510
18	0	0	0	0	1430	2670	5270	1710	65	63	743	509
19	0	0	0	0	1640	2590	8070	2130	63	288	592	1040
20	0	0	0	0	1790	2500	9450	4570	63	293	497	1750
21	0	0	0	0	1880	2550	9180	5140	62	294	519	2080
22	0	0	0	0	1890	2580	9080	4880	60	295	519	2270
23	0	0	0	0	1860	2620	8770	4660	59	295	519	2250
24	0	0	0	0	1840	2660	8420	4700	59	296	498	2180
25	0	0	0	0	1820	2740	8110	4840	61	296	499	1980
26	0	0	0	0	1820	2710	7360	4860	61	296	499	1450
27	0	0	0	0	1810	2360	6990	4850	57	294	498	843
28	0	0	0	0	2160	2150	6950	5000	56	295	502	422
29	0	0	0	0	---	2170	6780	4540	55	298	504	305
30	0	0	0	0	---	2260	6710	3830	55	302	523	319
31	0	0	0	0	---	2110	---	2480	---	300	501	---
TOTAL	0	0	0	0	41060	75670	168360	137400	3456	6765	12631	28578
MEAN	0	0	0	0	1466.4	2440.9	5612.0	4432.2	115.2	218.2	407.4	952.6
MAX	0	0	0	0	2160	2770	9450	6370	1020	603	743	2270
MIN	0	0	0	0	1030	2110	1860	1710	55	55	278	305
AC-FT	0	0	0	0	81442	150091	333942	272532	6454	13418	25053	56684
WTR YR 1978	TOTAL	473920	MEAN	39493.3	MAX	9450	MIN	55	AC-FT	940020		

STATION NUMBER 14010500P

JACKSON LAKE
CONTENTS, IN ACRE-Feet, WATER YEAR OCTOBER 1977 TO SEPTEMBER 1978
INSTANTANEOUS OBSERVATIONS AT 0800

RUN DATE 02/27/79

TABLE 40

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0	0	0	0	307810	333200	326050	331890	437590	569400	623640	558840
2	0	0	0	0	309310	333200	326480	333630	442360	575800	623160	556062
3	0	0	0	0	309450	333200	325830	336230	443040	582000	622680	553190
4	0	0	0	0	311880	333410	326050	340790	447360	588400	620290	550620
5	0	0	0	0	313600	333410	326480	342960	450550	593400	619100	547340
6	0	0	0	0	314030	333410	326480	344260	455550	597400	617670	545000
7	0	0	0	0	314460	333410	326260	345130	461930	601420	616000	542660
8	0	0	0	0	314890	333410	326910	345780	468580	605700	614320	540320
9	0	0	0	0	316390	333410	326690	346870	476600	610980	611930	537500
10	0	0	0	0	317680	333200	326690	347740	485780	616500	610260	535200
11	0	0	0	0	319180	332980	326910	350570	494550	621010	608110	532800
12	0	0	0	0	320470	332760	327120	353420	497780	624100	605480	532360
13	0	0	0	0	321330	332540	327340	354740	498930	626000	603100	531190
14	0	0	0	0	321540	332330	327550	356930	502630	626760	603810	530730
15	0	0	0	0	321750	331890	327770	361980	508870	626040	601190	530490
16	0	0	0	0	321970	331460	327990	370310	514680	625080	598340	530730
17	0	0	0	0	322180	331030	328640	378720	517700	625080	598340	530730
18	0	0	0	0	322610	330370	328860	382930	518400	624360	596200	531900
19	0	0	0	0	322830	329940	328640	386260	519800	623100	599350	532130
20	0	0	0	0	323040	329510	329070	388470	521190	623400	590980	532130
21	0	0	0	0	323470	329070	329070	390460	521890	623600	586480	532130
22	0	0	0	0	324120	328640	328860	392010	526070	623400	586480	532600
23	0	0	0	0	324970	328200	328420	398040	531190	622920	584580	532830
24	0	0	0	0	325830	328420	327990	403180	536110	622920	581260	533070
25	0	0	0	0	327120	327990	327550	408780	541490	622680	578890	533300
26	0	0	0	0	330810	327770	327340	412580	544770	622920	576040	533570
27	0	0	0	0	332330	327550	327770	415710	546870	622680	573690	533570
28	0	0	0	0	333200	327120	328420	419320	550850	623160	570390	534240
29	0	0	0	0	---	326690	329290	423830	556490	623640	567330	534700
30	0	0	0	0	---	326260	330160	430370	563320	624120	564500	534700
31	0	---	---	0	---	325830	---	435110	---	624100	561670	---
MAX	0	0	0	0	333200	333410	330160	435110	563320	626760	623640	558840
MIN	0	0	0	0	307810	325830	325830	331890	437590	569400	561670	530490
WTR YR 1978	MAX	626760	MIN	307810								

TABLE 41

STATION NUMBER 14032450P
 PALISADES RESERVOIR
 CONTENTS, IN ACRE-FEET, WATER YEAR OCTOBER 1977 TO SEPTEMBER 1978
 INSTANTANEOUS OBSERVATIONS AT 2400

RUN DATE 02/27/79

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0	0	0	0	266489	294205	287417	321745	618704	1081100	1172358	1125001
2	0	0	0	0	268164	293632	291256	329035	620429	1094700	1169794	1122276
3	0	0	0	0	270316	293058	293386	338857	622928	1107100	1167400	1121019
4	0	0	0	0	271991	292812	294614	347829	626513	1117100	1164208	1119453
5	0	0	0	0	273596	293140	295270	354266	630315	1126000	1160543	1117424
6	0	0	0	0	275527	293222	295270	358724	638738	1133600	1156880	1115083
7	0	0	0	0	277297	293304	296089	361883	653281	1140090	1152578	1113678
8	0	0	0	0	279309	293140	299057	364691	672507	1149900	1147980	1112429
9	0	0	0	0	281165	293222	303519	366105	696147	1157800	1143077	1113678
10	0	0	0	0	283114	292649	308589	371504	724249	1166438	1137537	1112429
11	0	0	0	0	285062	292075	312173	381128	750275	1174600	1132496	1111650
12	0	0	0	0	286849	291420	315945	389042	768312	1183600	1127937	1112897
13	0	0	0	0	288391	290928	318719	394108	782441	1187923	1124635	1114146
14	0	0	0	0	288799	290355	320652	402943	801798	1193723	1122748	1115551
15	0	0	0	0	289290	292075	322253	417865	827170	1199683	1121019	1117268
16	0	0	0	0	289782	291420	322847	438371	852769	1202275	1120078	1119453
17	0	0	0	0	290027	290928	322423	455610	873971	1203410	1119600	1120547
18	0	0	0	0	290191	290355	320821	467174	891476	1203897	1120234	1121491
19	0	0	0	0	290519	290191	317206	476896	907554	1201951	1120724	1123534
20	0	0	0	0	291174	290273	313676	484046	922010	1197267	1121962	1124949
21	0	0	0	0	291748	290519	311840	492912	937182	1194206	1123534	1126050
22	0	0	0	0	292075	291010	308756	505419	954363	1192434	1125000	1127308
23	0	0	0	0	292485	291911	305172	516359	972917	1191790	1126000	1128094
24	0	0	0	0	2948570	292976	310205	532847	993008	1190339	1126000	1128880
25	0	0	0	0	293713	294041	298313	546454	1011852	1186568	1126521	1129509
26	0	0	0	0	294533	295270	299304	557508	1027321	1186796	1126364	1130452
27	0	0	0	0	295270	295024	303932	567706	1037369	1184057	1126207	1131081
28	0	0	0	0	294860	293795	307756	577765	1045492	1181813	1126207	1131867
29	0	0	0	0	---	290027	311090	590868	1055480	1179929	1125421	1132181
30	0	0	0	0	---	287011	315609	604510	1067658	1177807	1125421	1132181
31	0	0	0	0	---	285793	---	613313	---	1175082	1123691	---
MAX	0	0	0	0	998510	295270	322847	613313	1067658	1203897	1172358	1132181
MIN	0	0	0	0	266489	285793	287417	321745	618704	1081100	1119600	1111650

WTR YR 1978 MAX 1203897 MIN 266489

TABLE 42

STATION NUMBER 13039000K

HENRY'S LAKE
CONTENTS, IN ACRES-FEET, WATER YEAR OCTOBER 1977 TO SEPTEMBER 1978
INSTANTANEOUS OBSERVATIONS AT 0000

RUN DATE 02/27/79

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0	0	0	0	69600	72300	76300	80300	84700	91100	89800	87100
2	0	0	0	0	69700	72400	76400	80500	84900	91100	89600	87000
3	0	0	0	0	69400	72500	76500	80700	85100	90500	89300	87100
4	0	0	0	0	70000	72600	76700	80900	85300	90700	89300	87000
5	0	0	0	0	70000	72700	76800	81100	85500	90800	89200	87000
6	0	0	0	0	70100	72800	76900	81300	85700	90800	89100	87100
7	0	0	0	0	70200	72900	77100	81500	86000	90700	89100	87500
8	0	0	0	0	70300	73000	77200	81800	86300	90900	88900	87500
9	0	0	0	0	70400	73200	77400	82100	86600	90700	88900	87500
10	0	0	0	0	70500	73300	77500	82400	86900	90500	88900	87600
11	0	0	0	0	70600	73400	77600	82700	87200	90400	88700	87500
12	0	0	0	0	70700	73500	77800	83000	87400	90500	88700	87700
13	0	0	0	0	70800	73700	77900	83300	87700	90300	88300	87500
14	0	0	0	0	70900	73800	78000	83600	87900	90200	88300	87500
15	0	0	0	0	71000	73900	78100	83900	88000	90200	88100	87500
16	0	0	0	0	71100	74100	78300	84200	88200	90100	88100	87500
17	0	0	0	0	71200	74200	78400	84500	88300	90100	88100	87500
18	0	0	0	0	71300	74300	78500	84800	88500	90000	88000	87500
19	0	0	0	0	71400	74400	78600	85100	88700	90000	88100	87500
20	0	0	0	0	71500	74500	78700	85400	88900	90200	87900	87500
21	0	0	0	0	71600	74600	78800	85700	89100	90100	87900	87500
22	0	0	0	0	71700	74700	78900	86000	89300	90100	87700	87500
23	0	0	0	0	71800	74800	79000	86300	89500	90000	87700	87500
24	0	0	0	0	71900	74900	79100	86600	89700	90100	87500	87600
25	0	0	0	0	72000	75000	79200	86900	89900	90000	87500	87600
26	0	0	0	0	72100	75100	79300	87200	90100	89900	87500	87600
27	0	0	0	0	72200	75200	79400	87500	90300	89700	87500	87600
28	0	0	0	0	72300	75300	79500	87800	90500	89600	87300	87600
29	0	0	0	0	72400	75400	79600	88100	90700	89600	87300	87600
30	0	0	0	0	72500	75500	79700	88400	90900	89700	87200	87600
31	0	0	0	0	72600	75600	79800	88700	91100	89900	87000	87600
MAX	0	0	0	0	72700	75700	79900	89000	91200	90000	87000	87600
MIN	0	0	0	0	72800	75800	80000	89300	91300	90000	87000	87600

WTR YR 1978 MAX 91100 MIN 69600

TABLE 43

RUN DATE 02/27/79

STATION NUMBER 13042000R
 ISLAND PARK RESERVOIR
 CONTENTS, IN ACRES-FEET, WATER YEAR OCTOBER 1977 TO SEPTEMBER 1978
 INSTANTANEOUS OBSERVATIONS AT 0700

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0	0	0	0	87720	98475	105290	108875	122945	133270	118800	86545
2	0	0	0	0	88030	99010	105635	109725	123705	133510	117150	86175
3	0	0	0	0	88655	99280	106195	111305	124625	133350	115595	85750
4	0	0	0	0	88715	99615	106685	112385	125400	133030	113915	85325
5	0	0	0	0	89155	99880	107245	113110	126330	132950	112530	84960
6	0	0	0	0	89595	100220	107740	113695	127265	133030	110945	84595
7	0	0	0	0	89845	100470	107525	113770	128125	134075	109440	84475
8	0	0	0	0	90795	100555	107670	113915	129300	133190	108020	84355
9	0	0	0	0	91175	100825	108235	114205	129850	133270	106615	83670
10	0	0	0	0	91745	100960	108375	114865	130800	134235	105220	83175
11	0	0	0	0	92515	100895	108090	115375	131590	133075	103835	84535
12	0	0	0	0	92965	101300	107950	115815	132150	133910	102460	84595
13	0	0	0	0	93480	101640	107810	115965	132950	133830	101030	84544
14	0	0	0	0	93805	101780	107740	116110	132790	133750	99615	85260
15	0	0	0	0	94065	101915	107670	116040	133030	133830	98740	86175
16	0	0	0	0	94325	102120	108235	116040	132950	133750	97675	86790
17	0	0	0	0	94715	102255	108375	116260	132630	133750	96685	87350
18	0	0	0	0	95300	102390	108445	116260	132950	133270	95630	88215
19	0	0	0	0	95895	102525	108235	115890	132790	132310	94585	88905
20	0	0	0	0	96225	102665	108165	115595	132710	131435	93415	89470
21	0	0	0	0	96485	102730	108305	115595	131750	131000	92130	90160
22	0	0	0	0	96885	102800	108305	115300	131110	130640	91175	90475
23	0	0	0	0	96885	102940	108235	115300	130300	130090	90100	91050
24	0	0	0	0	97215	103075	108165	116185	132870	128985	89720	91555
25	0	0	0	0	97675	103350	108090	117150	133350	127890	89155	92065
26	0	0	0	0	98205	103625	108235	117890	133750	126485	88655	92580
27	0	0	0	0	98740	103905	108020	118710	133670	125010	88155	93095
28	0	0	0	0	98875	104110	108235	119610	133750	124090	87660	93675
29	0	0	0	0	---	104385	108090	120365	133430	123095	87410	94065
30	0	0	0	0	---	104665	108165	121425	133110	121651	87225	94455
31	0	---	0	0	---	104870	---	122135	---	120201	86915	---
MAX	0	0	0	0	98875	104870	108445	122135	133750	134235	118800	94455
MIN	0	0	0	0	87720	98475	105290	108875	122945	120201	86915	83870

WTR YR 1978 MAX 134235 MIN 83870

TABLE 44

STATION NUMBER 13046500H
 CONTENTS, IN ACRE-FEET, WATER YEAR OCTOBER 1977 TO SEPTEMBER 1978
 GRASSY LAKE
 INSTANTANEOUS OBSERVATIONS AT 0000
 RUN DATE 02/27/79

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0	0	0	0	8530	8870	9260	9881	12810	15337	14671	12752
2	0	0	0	0	8540	8870	9280	9960	12980	15337	14671	12462
3	0	0	0	0	8550	8880	9305	10040	13140	15337	14671	12390
4	0	0	0	0	8560	8900	9330	10120	13310	15337	14671	12317
5	0	0	0	0	8580	8910	9350	10200	13480	15337	14600	12245
6	0	0	0	0	8590	8930	9380	10280	13650	15337	14526	12173
7	0	0	0	0	8600	8940	9400	10360	13820	15337	14454	12100
8	0	0	0	0	8620	8960	9420	10438	13980	15337	14315	12070
9	0	0	0	0	8630	8970	9450	10520	14150	15337	14300	11972
10	0	0	0	0	8640	8990	9470	10600	14290	15337	14300	11972
11	0	0	0	0	8660	9000	9520	10680	14440	15337	14300	11972
12	0	0	0	0	8670	9020	9530	10760	14580	15337	14300	12020
13	0	0	0	0	8680	9040	9540	10840	14720	15180	14300	11972
14	0	0	0	0	8690	9050	9570	10910	14870	14872	14300	11972
15	0	0	0	0	8700	9070	9591	10994	15010	14872	13805	11986
16	0	0	0	0	8710	9080	9615	11100	15180	14872	13805	11988
17	0	0	0	0	8720	9090	9640	11220	15190	14872	13800	11990
18	0	0	0	0	8740	9105	9664	11330	15200	14872	13715	11990
19	0	0	0	0	8750	9120	9688	11450	15210	14872	13715	11990
20	0	0	0	0	8770	9130	9710	11560	15220	14670	13715	11990
21	0	0	0	0	8780	9140	9740	11680	15230	14670	13715	11990
22	0	0	0	0	8800	9160	9760	11790	15240	14670	13715	11990
23	0	0	0	0	8810	9170	9780	11900	15250	14670	13715	11990
24	0	0	0	0	8820	9180	9810	12020	15260	14671	13280	11990
25	0	0	0	0	8840	9190	9830	12130	15270	14671	13715	11990
26	0	0	0	0	8850	9210	9860	12240	15280	14671	13715	11990
27	0	0	0	0	8870	9220	9881	12360	15290	14671	13715	11990
28	0	0	0	0	8880	9230	9880	12470	15300	14671	13715	11990
29	0	0	0	0	9240	9240	9880	12580	15330	14671	13715	12071
30	0	0	0	0	9260	9260	9881	12700	15340	14671	12752	12071
31	0	---	---	0	---	9260	---	12810	---	14671	12752	---
MAX	0	0	0	0	8880	9260	9881	12810	15340	15337	14671	12752
MIN	0	0	0	0	8530	8870	9260	9881	12810	14670	12752	11972

WTR YR 1978 MAX 15340 MIN 8530

TABLE 47

STATION NUMBER 13081000H
 LAKE WALCOTT
 CONTENTS, IN ACRES-FEET, WATER YEAR OCTOBER 1977 TO SEPTEMBER 1978
 INSTANTANEOUS OBSERVATIONS AT 0800

RUN DATE 02/27/79

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0	0	0	0	52080	51820	83540	99760	98200	86220	99160	99880
2	0	0	0	0	52030	53540	87270	99400	95790	86800	99520	100490
3	0	0	0	0	50960	53640	91460	99520	95790	88200	99520	100490
4	0	0	0	0	51390	54610	95180	100730	95670	89710	99520	100250
5	0	0	0	0	50960	54830	93320	100970	95910	93200	99040	99520
6	0	0	0	0	49680	55360	93090	100970	92860	95550	98320	99540
7	0	0	0	0	49260	56870	91570	102050	92860	97590	98800	99280
8	0	0	0	0	48410	57620	90530	101930	94950	98560	97960	99400
9	0	0	0	0	48200	58050	88900	101210	97350	100370	97840	100370
10	0	0	0	0	47360	58270	87960	100970	96630	101210	97590	100010
11	0	0	0	0	46510	60100	88780	100010	97960	100610	97350	99400
12	0	0	0	0	45240	61280	91110	100250	98800	100970	96870	99760
13	0	0	0	0	45880	61830	93440	99520	98800	101090	96870	100610
14	0	0	0	0	44500	62160	95070	99760	100010	100610	97350	99880
15	0	0	0	0	43550	64030	97590	99520	100730	100010	98560	98320
16	0	0	0	0	43660	65230	99520	98080	101570	98800	100010	96390
17	0	0	0	0	45880	66550	99640	95670	100970	97330	100250	96630
18	0	0	0	0	46090	67210	104700	95790	99400	96990	101450	94250
19	0	0	0	0	45670	68310	105430	97330	97590	94950	101930	95670
20	0	0	0	0	45770	68970	103260	98680	96870	94250	101930	95530
21	0	0	0	0	45980	70290	100490	100130	95180	94400	101450	95070
22	0	0	0	0	46090	71170	103500	100610	94490	95180	100970	94950
23	0	0	0	0	46930	71390	102780	100850	93670	96150	100250	94720
24	0	0	0	0	47990	71390	102900	100610	91920	96870	99760	94950
25	0	0	0	0	48730	72720	101810	101330	89250	97110	99160	94950
26	0	0	0	0	49470	73170	100970	101450	89600	96990	99040	95430
27	0	0	0	0	50520	73390	101040	101450	88200	98200	98800	95430
28	0	0	0	0	51060	74070	99520	101210	85870	97960	99160	94720
29	0	0	0	0	---	75650	99760	101210	85750	98200	99400	93550
30	0	0	0	0	---	77680	100010	101450	85980	98440	99880	92390
31	0	---	0	0	---	82070	---	101450	---	98900	99640	---
MAX	0	0	0	0	52680	82070	105430	102050	101570	101210	101930	100610
MIN	0	0	0	0	43550	51820	83540	95670	85750	86220	96870	92390
WTR YR 1978	MAX	105430	MIN	43550								

TABLE 48

ORDER	PARTY OF CANAL	DATE	CFS	REACH
1	LUFRTSHER	APR 1, 1874	1.600	WILLOW CRK BLW TEXAS CRK
2	SARGENT & SUMMERS	APR 1, 1876	3.200	NR RIRIE TO FDWY NR UCON
3	R O WILDING	JUN 1, 1879	2.708	ST ANTHONY TO TETON MTH
4	TETON ISLAND FEEDER	JUN 1, 1879	1.690	ST ANTHONY TO TETON MTH
5	ROY AVERY	APR 1, 1880	2.880	NR RIRIE TO FDWY NR UCON
6	ORVAL AVERY	APR 1, 1880	3.120	NR RIRIE TO FDWY NR UCON
7	PROGRESSIVE(W) SAND	APR 1, 1880	3.200	NR RIRIE TO FDWY NR UCON
8	KENNEDY	JUN 11, 1880	0.174	MENAN TO WILLOW CRK
9	HARRISON	JUN 11, 1880	0.430	HEISE TO LORENZO
10	GREAT WESTERN	JUN 11, 1880	0.790	MENAN TO WILLOW CRK
11	W LABELLE & LONG ISL	JUN 11, 1880	38.520	HEISE TO LORENZO
12	ANDERSON	AUG 1, 1880	160.000	HEISE TO LORENZO
13	ROY AVERY	APR 1, 1881	2.000	NR RIRIE TO FDWY NR UCON
14	PROGRESSIVE(W) SAND	APR 1, 1881	1.080	NR RIRIE TO FDWY NR UCON
15	KENNEDY	JUN 1, 1881	0.254	MENAN TO WILLOW CRK
16	HARRISON	JUN 1, 1881	0.650	HEISE TO LORENZO
17	W LABELLE & LONG ISL	JUN 1, 1881	58.970	HEISE TO LORENZO
18	PROGRESSIVE(W) SAND	APR 1, 1882	0.800	NR RIRIE TO FDWY NR UCON
19	KENNEDY	JUN 1, 1882	0.260	MENAN TO WILLOW CRK
20	HARRISON	JUN 1, 1882	0.650	HEISE TO LORENZO
21	W LABELLE & LONG ISL	JUN 1, 1882	58.960	HEISE TO LORENZO
22	SUNNYDELE	JUL 1, 1882	1.000	HEISE TO LORENZO
23	TETON ISLAND FEEDER	MAR 1, 1883	10.360	ST ANTHONY TO TETON MTH
24	PROGRESSIVE(W) SAND	APR 1, 1883	7.260	NR RIRIE TO FDWY NR UCON
25	STEWART	MAY 1, 1883	4.000	ST ANTHONY TO TETON MTH
26	PIONEER	MAY 1, 1883	10.560	ST ANTHONY TO TETON MTH
27	TETON ISLAND FEEDER	MAY 15, 1883	1.600	ST ANTHONY TO TETON MTH
28	TETON ISLAND FEEDER	MAY 15, 1883	1.600	ST ANTHONY TO TETON MTH
29	GREAT WESTERN	JUN 1, 1883	10.000	MENAN TO WILLOW CRK
30	KENNEDY	JUN 1, 1883	0.254	MENAN TO WILLOW CRK
31	HARRISON	JUN 1, 1883	0.640	HEISE TO LORENZO
32	W LABELLE & LONG ISL	JUN 1, 1883	58.980	HEISE TO LORENZO
33	GREAT WESTERN	JUN 1, 1883	8.000	MENAN TO WILLOW CRK
34	NIELSON-HANSEN	JUN 1, 1883	12.000	SHEFLEY TO AT BLACKFOOT
35	PARKS & LEWISVILLE	JUN 1, 1883	19.850	HEISE TO LORENZO
36	KENNEDY	JUN 1, 1883	0.140	MENAN TO WILLOW CRK
37	CITY OF REXBURG	JUN 10, 1883	20.000	ST ANTHONY TO TETON MTH
38	P PARKINSON	JUN 10, 1883	7.000	HEISE TO LORENZO
39	REXBURG IRRIGATION	JUN 10, 1883	130.000	ST ANTHONY TO TETON MTH
40	NORTH RIGHI	JUN 10, 1883	50.000	HEISE TO LORENZO
41	PINCOCK-GARNER	MAR 1, 1884	8.880	ST ANTHONY TO TETON MTH
42	PINCOCK-BYINGTON	MAR 1, 1884	7.120	ST ANTHONY TO TETON MTH
43	PROGRESSIVE(W) SAND	APR 1, 1884	22.170	NR RIRIE TO FDWY NR UCON
44	ORVAL AVERY	APR 1, 1884	1.000	NR RIRIE TO FDWY NR UCON
45	WALLACE REID	APR 1, 1884	1.600	NR RIRIE TO FDWY NR UCON
46	FERGUSON	APR 1, 1884	2.900	NR RIRIE TO FDWY NR UCON
47	SPERRY	APR 1, 1884	1.600	NR RIRIE TO FDWY NR UCON
48	ROY AVERY	APR 1, 1884	1.800	NR RIRIE TO FDWY NR UCON
49	ANDERSON	APR 3, 1884	340.000	HEISE TO LORENZO
50	TETON ISLAND FEEDER	MAY 1, 1884	6.960	ST ANTHONY TO TETON MTH
51	TETON ISLAND FEEDER	MAY 22, 1884	70.000	ST ANTHONY TO TETON MTH
52	STEWART	JUN 1, 1884	4.160	ST ANTHONY TO TETON MTH
53	C M OLSON	JUN 1, 1884	0.840	AR S LEIGH TO ST ANTHONY
54	TETON IRRIGATION	JUN 1, 1884	108.000	ST ANTHONY TO TETON MTH
55	SIDDOWAY	JUN 1, 1884	12.000	ST ANTHONY TO TETON MTH
56	GOOD LUCK	JUN 1, 1884	6.150	ST ANTHONY TO TETON MTH
57	B PARKINSON	JUN 1, 1884	1.920	AR S LEIGH TO ST ANTHONY
58	V SCHWENDIMAN	JUN 1, 1884	1.930	AR S LEIGH TO ST ANTHONY
59	WILFORD	JUN 1, 1884	67.840	ST ANTHONY TO TETON MTH
60	TETON ISLAND FEEDER	JUN 1, 1884	25.300	ST ANTHONY TO TETON MTH
61	KENNEDY	JUN 1, 1884	0.260	MENAN TO WILLOW CRK
62	HARRISON	JUN 1, 1884	0.640	HEISE TO LORENZO
63	W LABELLE & LONG ISL	JUN 1, 1884	58.970	HEISE TO LORENZO
64	W LABELLE & LONG ISL	JUN 1, 1884	46.000	HEISE TO LORENZO
65	LENROOT	JUN 1, 1884	9.000	HEISE TO LORENZO
66	KENNEDY	JUN 1, 1884	0.140	MENAN TO WILLOW CRK

TABLE 48 (continued)

ORDER	PARTY OR CANAL	DATE	CFS	REACH
67	PARKS & LEWISVILLE	JUN 1, 1884	19.850	HEISE TO LORENZO
68	NEW LAVA SIDE	JUN 1, 1884	20.000	SHELLEY TO AT BLACKFOOT
69	GREAT WESTERN	JUN 1, 1884	2.500	MENAN TO WILLOW CRK
70	BUTTE & MARKET LAKE	JUN 1, 1884	2.300	LORENZO TO MENAN
71	BEAR TRAP	JUN 1, 1884	3.000	MENAN TO WILLOW CRK
72	CLARK & EDWARDS	FEB 27, 1885	70.000	HEISE TO LORENZO
73	PEOPLES	MAR 6, 1885	7.600	SHELLEY TO AT BLACKFOOT
74	PARSONS	MAR 6, 1885	9.000	SHELLEY TO AT BLACKFOOT
75	WATSON	MAR 6, 1885	50.200	SHELLEY TO AT BLACKFOOT
76	WEARYRICK	MAR 6, 1885	3.200	SHELLEY TO AT BLACKFOOT
77	PROGRESSIVE(W) SAND	APR 1, 1885	30.880	NR KIRIE TO FDWY NR UCON
78	EGIN	APR 25, 1885	200.000	ST ANTHONY TO AB NF TETN
79	TETON ISLAND FEEDER	MAY 1, 1885	2.880	ST ANTHONY TO TETON MTH
80	R O WILDING	MAY 1, 1885	1.440	ST ANTHONY TO TETON MTH
81	TETON ISLAND FEEDER	MAY 31, 1885	4.320	ST ANTHONY TO TETON MTH
82	TETON ISLAND FEEDER	JUN 1, 1885	240.000	ST ANTHONY TO TETON MTH
83	ROXANA	JUN 1, 1885	16.000	ST ANTHONY TO TETON MTH
84	KENNEDY	JUN 1, 1885	1.230	MENAN TO WILLOW CRK
85	HARRISON	JUN 1, 1885	6.040	HEISE TO LORENZO
86	GREAT WESTERN	JUN 1, 1885	9.410	MENAN TO WILLOW CRK
87	GREAT WESTERN	JUN 1, 1885	6.440	MENAN TO WILLOW CRK
88	W LABELLE & LONG ISL	JUN 1, 1885	168.300	HEISE TO LORENZO
89	FARMERS FRIEND	JUN 1, 1885	2.830	HEISE TO LORENZO
90	BOOMER	JUN 1, 1885	2.120	HEISE TO LORENZO
91	STEELE	JUN 1, 1885	3.000	HEISE TO LORENZO
92	BUTLER ISLAND	JUN 1, 1885	41.570	HEISE TO LORENZO
93	USGOOD	JUN 1, 1885	0.700	MENAN TO WILLOW CRK
94	SUNNYDELL	JUN 1, 1885	2.180	HEISE TO LORENZO
95	REID	JUN 1, 1885	30.400	HEISE TO LORENZO
96	ROSS AND RAND	JUN 1, 1885	2.000	HEISE TO LORENZO
97	LENROOT	JUN 1, 1885	9.000	HEISE TO LORENZO
98	EAST LABELLE	JUN 1, 1885	45.800	HEISE TO LORENZO
99	FARMERS FRIEND	JUN 1, 1885	0.840	HEISE TO LORENZO
100	PARKS & LEWISVILLE	JUN 1, 1885	99.260	HEISE TO LORENZO
101	TEXAS & LIBERTY PARK	JUN 1, 1885	47.600	HEISE TO LORENZO
102	RIVERSIDE	JUN 1, 1885	10.000	SHELLEY TO AT BLACKFOOT
103	HARRISON	JUN 10, 1885	13.400	HEISE TO LORENZO
104	RIGBY	JUN 15, 1885	10.000	HEISE TO LORENZO
105	PARSONS	JUN 30, 1885	19.500	SHELLEY TO AT BLACKFOOT
106	WATSON	JUN 30, 1885	2.500	SHELLEY TO AT BLACKFOOT
107	SAUREY	OCT 17, 1885	27.000	ST ANTHONY TO TETON MTH
108	GREAT WESTERN	JAN 7, 1886	120.000	MENAN TO WILLOW CRK
109	GREAT WESTERN	MAY 1, 1886	1.330	MENAN TO WILLOW CRK
110	WEARYRICK	MAY 3, 1886	38.000	SHELLEY TO AT BLACKFOOT
111	WOODMANSEE-JOHNSON	JUN 1, 1886	0.500	ST ANTHONY TO TETON MTH
112	KENNEDY	JUN 1, 1886	1.356	MENAN TO WILLOW CRK
113	HARRISON	JUN 1, 1886	0.640	HEISE TO LORENZO
114	SUNNYDELL	JUN 1, 1886	0.710	HEISE TO LORENZO
115	W LABELLE & LONG ISL	JUN 1, 1886	39.470	HEISE TO LORENZO
116	HILL PETTINGER	JUN 1, 1886	0.240	HEISE TO LORENZO
117	REID	JUN 1, 1886	40.000	HEISE TO LORENZO
118	BOOMER	JUN 1, 1886	2.100	HEISE TO LORENZO
119	LENROOT	JUN 1, 1886	13.740	HEISE TO LORENZO
120	GREAT WESTERN	JUN 1, 1886	5.180	MENAN TO WILLOW CRK
121	TEXAS & LIBERTY PARK	JUN 1, 1886	50.000	HEISE TO LORENZO
122	ISLAND	JUN 1, 1886	14.560	HEISE TO LORENZO
123	DANSKIN	JUN 1, 1886	0.400	SHELLEY TO AT BLACKFOOT
124	PARSONS	JUN 1, 1886	1.200	SHELLEY TO AT BLACKFOOT
125	BURGESS	JUN 10, 1886	10.000	HEISE TO LORENZO
126	RIGBY	JUN 15, 1886	10.000	HEISE TO LORENZO
127	DANSKIN	JUL 23, 1886	97.500	SHELLEY TO AT BLACKFOOT
128	WEARYRICK	JUL 23, 1886	2.500	SHELLEY TO AT BLACKFOOT
129	BIGLER SLOUGH	JUN 1, 1887	1.600	ST ANTHONY TO TETON MTH
130	WEARYRICK	JUN 1, 1887	9.360	SHELLEY TO AT BLACKFOOT
131	BURGESS	JUN 1, 1887	0.800	HEISE TO LORENZO
132	FARMERS FRIEND	JUN 1, 1887	16.380	HEISE TO LORENZO

TABLE 48 (continued)

ORDER	PARTY OF CANAL	DATE	CFS	REACH
133	KENNEDY	JUN 1, 1887	1.090	MENAN TO WILLOW CRK
134	HARRISON	JUN 1, 1887	9.200	HEISE TO LORENZO
135	GREAT WESTERN	JUN 1, 1887	10.830	MENAN TO WILLOW CRK
136	SUNNYDELL	JUN 1, 1887	1.030	HEISE TO LORENZO
137	ISLAND	JUN 1, 1887	29.100	HEISE TO LORENZO
138	MATTSON-CRAIG	JUN 1, 1887	4.800	HEISE TO LORENZO
139	NELSON COREY	JUN 1, 1887	6.000	HEISE TO LORENZO
140	TEXAS & LIBERTY PARK	JUN 1, 1887	44.000	HEISE TO LORENZO
141	HILL PETTINGER	JUN 1, 1887	0.480	HEISE TO LORENZO
142	RIVERSIDE	JUN 1, 1887	99.350	SHELLEY TO AT BLACKFOOT
143	RIGBY	JUN 1, 1887	0.340	HEISE TO LORENZO
144	BOOMER	JUN 1, 1887	0.210	HEISE TO LORENZO
145	CHESTER	JUN 10, 1887	0.600	SQUIRREL TO CHESTER
146	CUPR	JUN 10, 1887	20.300	SQUIRREL TO CHESTER
147	BURGESS	JUN 10, 1887	10.000	HEISE TO LORENZO
148	RIGBY	JUN 15, 1887	20.000	HEISE TO LORENZO
149	FARMERS FRIEND	JAN 18, 1888	283.100	HEISE TO LORENZO
150	ANDERSON	JAN 18, 1888	16.900	HEISE TO LORENZO
151	KENNEDY	MAY 1, 1888	0.667	MENAN TO WILLOW CRK
152	ROY AVERY	MAY 1, 1888	7.030	NR RIRIE TO FDWY NR UCON
153	ORVAL AVERY	MAY 1, 1888	5.600	NR RIRIE TO FDWY NR UCON
154	WALLACE REID	MAY 1, 1888	2.400	NR RIRIE TO FDWY NR UCON
155	FERGUSON	MAY 1, 1888	3.200	NR RIRIE TO FDWY NR UCON
156	SPERRY	MAY 1, 1888	1.800	NR RIRIE TO FDWY NR UCON
157	SARGENT & SUMMERS	MAY 1, 1888	4.800	NR RIRIE TO FDWY NR UCON
158	PROGRESSIVE(W) SAND	MAY 1, 1888	82.622	NR RIRIE TO FDWY NR UCON
159	WATSON	MAY 13, 1888	3.200	SHELLEY TO AT BLACKFOOT
160	NORTH SALEM	JUN 1, 1888	26.500	ST ANTHONY TO TETON MTH
161	TETON ISLAND FEEDER	JUN 1, 1888	3.360	ST ANTHONY TO TETON MTH
162	CUPR	JUN 1, 1888	7.200	SQUIRREL TO CHESTER
163	WEARYRICK	JUN 1, 1888	3.200	SHELLEY TO AT BLACKFOOT
164	ELLIS	JUN 1, 1888	4.800	HEISE TO LORENZO
165	BRAMWELL	JUN 1, 1888	10.800	HEISE TO LORENZO
166	SUNNYDELL	JUN 1, 1888	16.400	HEISE TO LORENZO
167	MATTSON-CRAIG	JUN 1, 1888	2.400	HEISE TO LORENZO
168	FARMERS FRIEND	JUN 1, 1888	22.400	HEISE TO LORENZO
169	KENNEDY	JUN 1, 1888	3.121	MENAN TO WILLOW CRK
170	GREAT WESTERN	JUN 1, 1888	2.270	MENAN TO WILLOW CRK
171	ISLAND	JUN 1, 1888	28.760	HEISE TO LORENZO
172	RIVERSIDE	JUN 1, 1888	1.220	SHELLEY TO AT BLACKFOOT
173	ROSS AND RAND	JUN 1, 1888	3.340	HEISE TO LORENZO
174	BOOMER	JUN 1, 1888	2.200	HEISE TO LORENZO
175	HARRISON	JUN 1, 1888	34.120	HEISE TO LORENZO
176	PARKS & LEWISVILLE	JUN 1, 1888	209.560	HEISE TO LORENZO
177	TEXAS & LIBERTY PARK	JUN 1, 1888	38.000	HEISE TO LORENZO
178	EAST LABELLE	JUN 1, 1888	74.400	HEISE TO LORENZO
179	DANSKIN	JUN 1, 1888	78.000	SHELLEY TO AT BLACKFOOT
180	BURGESS	JUN 1, 1888	0.610	HEISE TO LORENZO
181	RIGBY	JUN 1, 1888	0.320	HEISE TO LORENZO
182	HILL PETTINGER	JUN 1, 1888	0.480	HEISE TO LORENZO
183	BURGESS	JUN 10, 1888	380.000	HEISE TO LORENZO
184	RIGBY	JUN 15, 1888	120.000	HEISE TO LORENZO
185	ST ANTHONY UNION	JUN 21, 1888	600.000	AR FALLS R TO ST ANTHONY
186	PEOPLES	JUL 15, 1888	16.600	SHELLEY TO AT BLACKFOOT
187	WATSON	JUL 15, 1888	30.250	SHELLEY TO AT BLACKFOOT
188	PARSONS	JUL 15, 1888	3.150	SHELLEY TO AT BLACKFOOT
189	GREAT WESTERN	AUG 13, 1888	8.980	MENAN TO WILLOW CRK
190	IDAHO	AUG 13, 1888	300.000	MENAN TO WILLOW CRK
191	BOOMER	AUG 13, 1888	90.690	HEISE TO LORENZO
192	KENNEDY	JAN 12, 1889	5.000	MENAN TO WILLOW CRK
193	NEW LAVA SIDE	MAR 1, 1889	60.000	SHELLEY TO AT BLACKFOOT
194	SNAKE RIVER VALLEY	APR 6, 1889	200.000	WILLOW CRK TO SHELLEY
195	ANDERSON	APR 15, 1889	300.000	HEISE TO LORENZO
196	TETON ISLAND FEEDER	MAY 1, 1889	2.240	ST ANTHONY TO TETON MTH
197	KENNEDY	MAY 1, 1889	2.271	MENAN TO WILLOW CRK
198	OSGOOD	MAY 1, 1889	5.270	MENAN TO WILLOW CRK

TABLE 48 (continued)

ORDER	PARTY OR CANAL	DATE	CFS	REACH
199	GREAT WESTERN	MAY 1, 1889	2.480	MENAN TO WILLOW CRK
200	CORBETT	MAY 1, 1889	109.430	SHELLEY TO AT BLACKFOOT
201	PROGRESSIVE(W) SAND	MAY 1, 1889	80.000	NR RIRIE TO FDWY NR UCON
202	IDAHO FR SAND CRK	MAY 1, 1889	160.000	NR RIRIE TO FDWY NR UCON
203	IDAHO	MAY 11, 1889	700.000	MENAN TO WILLOW CRK
204	CURR	JUN 1, 1889	4.000	SQUIRREL TO CHESTER
205	FAIL RIVER	JUN 1, 1889	460.000	SQUIRREL TO CHESTER
206	KENNEDY	JUN 1, 1889	0.334	MENAN TO WILLOW CRK
207	HARRISON	JUN 1, 1889	4.490	HEISE TO LORENZO
208	ISLAND	JUN 1, 1889	19.160	HEISE TO LORENZO
209	RIGBY	JUN 1, 1889	0.340	HEISE TO LORENZO
210	WEARYRICK	JUN 1, 1889	1.600	SHELLEY TO AT BLACKFOOT
211	TEXAS & LIBERTY PARK	JUN 1, 1889	38.000	HEISE TO LORENZO
212	RIVERSIDE	JUN 1, 1889	1.590	SHELLEY TO AT BLACKFOOT
213	SUNNYDELL	JUN 1, 1889	44.000	HEISE TO LORENZO
214	KEID	JUN 1, 1889	80.000	HEISE TO LORENZO
215	BOOMER	JUN 1, 1889	27.330	HEISE TO LORENZO
216	HILL PETTINGER	JUN 1, 1889	0.320	HEISE TO LORENZO
217	LENROOT	JUN 1, 1889	6.000	HEISE TO LORENZO
218	FARMERS FRIEND	JUN 1, 1889	9.180	HEISE TO LORENZO
219	GREAT WESTERN	JUN 1, 1889	5.110	MENAN TO WILLOW CRK
220	HANNOCK JIM	JUN 1, 1889	12.000	HEISE TO LORENZO
221	R D BAKER #2	JUN 1, 1889	5.380	ISLAND PARK TO ASHTON
222	STEELE	JUN 2, 1889	1.000	HEISE TO LORENZO
223	CHENEY	JUN 2, 1889	5.000	HEISE TO LORENZO
224	KENNEDY	JUL 10, 1889	7.911	MENAN TO WILLOW CRK
225	GREAT WESTERN	JUL 10, 1889	19.200	MENAN TO WILLOW CRK
226	OSGOOD	JUL 10, 1889	5.200	MENAN TO WILLOW CRK
227	BLACKFOOT	JUL 10, 1889	366.800	SHELLEY TO AT BLACKFOOT
228	R D MILLER	SEP 26, 1889	5.200	SQUIRREL TO CHESTER
229	WOODMANSEE-JOHNSON	OCT 1, 1889	21.400	ST ANTHONY TO TETON MTH
230	TETON IRRIGATION	OCT 2, 1889	10.000	ST ANTHONY TO TETON MTH
231	RESERVATION	FEB 21, 1890	15.980	SHELLEY TO AT BLACKFOOT
232	EGIN	MAR 1, 1890	200.000	ST ANTHONY TO AB NF TETN
233	CURR	JUN 1, 1890	4.800	SQUIRREL TO CHESTER
234	SILKEY	JUN 1, 1890	13.200	SQUIRREL TO CHESTER
235	FARMERS OWN	JUN 1, 1890	3.900	SQUIRREL TO CHESTER
236	G NEDROW	JUN 1, 1890	1.600	ISLAND PARK TO ASHTON
237	G NEDROW	JUN 1, 1890	1.400	ISLAND PARK TO ASHTON
238	J MCCULLOCH	JUN 1, 1890	1.000	ASHTON TO AB FALLS RIVER
239	M F REYNOLDS #1	JUN 1, 1890	2.000	ISLAND PARK TO ASHTON
240	R & C BAUM	JUN 1, 1890	1.000	ASHTON TO AB FALLS RIVER
241	SILKEY	JUN 1, 1890	2.600	SQUIRREL TO CHESTER
242	CONSOLIDATED FARMERS	JUN 1, 1890	80.000	ST ANTHONY TO AB NF TETN
243	LOWDER & JENNINGS	JUN 1, 1890	26.000	HEISE TO LORENZO
244	KENNEDY	JUN 1, 1890	3.062	MENAN TO WILLOW CRK
245	TREGO	JUN 1, 1890	65.110	SHELLEY TO AT BLACKFOOT
246	CHENEY	JUN 1, 1890	0.800	HEISE TO LORENZO
247	KITE & NORD	JUN 1, 1890	7.200	HEISE TO LORENZO
248	GREAT WESTERN	JUN 1, 1890	1.440	MENAN TO WILLOW CRK
249	BURGESS	JUN 10, 1890	240.000	HEISE TO LORENZO
250	HARRISON	JUL 12, 1890	240.000	HEISE TO LORENZO
251	USGOOD	OCT 16, 1890	10.600	MENAN TO WILLOW CRK
252	BUTTE & MARKET LAKE	OCT 16, 1890	360.190	LORENZO TO MENAN
253	L BROWN	OCT 16, 1890	3.000	MENAN TO WILLOW CRK
254	S A CONSTR	OCT 16, 1890	3.208	MENAN TO WILLOW CRK
255	NEW LAVA SIDE	NOV 24, 1890	72.000	SHELLEY TO AT BLACKFOOT
256	GREAT WESTERN	JAN 24, 1891	400.000	MENAN TO WILLOW CRK
257	WOODMANSEE-JOHNSON	JUN 1, 1891	3.200	ST ANTHONY TO TETON MTH
258	CURR	JUN 1, 1891	4.800	SQUIRREL TO CHESTER
259	SILKEY	JUN 1, 1891	3.600	SQUIRREL TO CHESTER
260	BOOMER	JUN 1, 1891	1.150	HEISE TO LORENZO
261	SUNNYDELL	JUN 1, 1891	30.000	HEISE TO LORENZO
262	TEXAS & LIBERTY PARK	JUN 1, 1891	14.000	HEISE TO LORENZO
263	ISLAND	JUN 1, 1891	125.260	HEISE TO LORENZO
264	LENROOT	JUN 1, 1891	15.000	HEISE TO LORENZO

TABLE 48 (continued)

ORDER	PARTY OR CANAL	DATE	CFS	REACH
265	HILL PETTINGER	JUN 1, 1891	1.440	HEISE TO LORENZO
266	ARNSHENGER	JUN 1, 1891	6.000	HEISE TO LORENZO
267	NEILSON COREY	JUN 1, 1891	4.800	HEISE TO LORENZO
268	GREAT WESTERN	JUN 1, 1891	18.000	MENAN TO WILLOW CRK
269	SIDDOWAY	JUL 1, 1891	6.000	ST ANTHONY TO TETON MTH
270	RESERVATION	DEC 14, 1891	600.000	SHELLEY TO AT BLACKFOOT
271	SALEM UNION	APR 28, 1892	300.000	AB FALLS R TO ST ANTHONY
272	CORBETT	MAY 1, 1892	130.000	SHELLEY TO AT BLACKFOOT
273	SIDDOWAY	JUN 1, 1892	0.0	ST ANTHONY TO TETON MTH
274	CONSOLIDATED FARMERS	JUN 1, 1892	120.000	ST ANTHONY TO AB NF TETN
275	TWIN GROVES	JUN 1, 1892	150.000	AB FALLS R TO ST ANTHONY
276	FARMERS OWN	JUN 1, 1892	1.900	SQUIRREL TO CHESTER
277	L LOOSLI #1	JUN 1, 1892	2.500	ASHTON TO AB FALLS RIVER
278	CORP	JUN 1, 1892	6.400	SQUIRREL TO CHESTER
279	LOWDER & JENNINGS	JUN 1, 1892	26.000	HEISE TO LORENZO
280	TEXAS & LIBERTY PARK	JUN 1, 1892	14.000	HEISE TO LORENZO
281	GENROOT	JUN 1, 1892	5.000	HEISE TO LORENZO
282	BEAR TRAP	JUN 1, 1892	1.000	MENAN TO WILLOW CRK
283	BEAR TRAP	JUN 1, 1892	1.000	MENAN TO WILLOW CRK
284	BEAR TRAP	JUN 1, 1892	2.800	MENAN TO WILLOW CRK
285	BEAR TRAP	JUN 1, 1892	8.000	MENAN TO WILLOW CRK
286	BEAR TRAP	JUN 1, 1892	2.980	MENAN TO WILLOW CRK
287	BEAR TRAP	JUN 1, 1892	13.020	MENAN TO WILLOW CRK
288	ST ANTHONY UNION	JUL 29, 1892	100.000	AB FALLS R TO ST ANTHONY
289	WOODVILLE	APR 30, 1893	81.860	WILLOW CRK TO SHELLEY
290	GREAT WESTERN	APR 30, 1893	3.640	MENAN TO WILLOW CRK
291	TEXAS & LIBERTY PARK	JUN 1, 1893	14.000	HEISE TO LORENZO
292	K NYBORG	JUN 1, 1893	2.400	SQUIRREL TO CHESTER
293	K NYBORG	JUN 1, 1893	2.000	SQUIRREL TO CHESTER
294	A NEOROW	JUN 19, 1893	1.500	ASHTON TO AB FALLS RIVER
295	WOODMANSEE-JOHNSON	JUN 1, 1894	0.200	ST ANTHONY TO TETON MTH
296	FARMERS OWN	JUN 1, 1894	3.300	SQUIRREL TO CHESTER
297	SILKEY	JUN 1, 1894	2.700	SQUIRREL TO CHESTER
298	TEXAS & LIBERTY PARK	JUN 1, 1894	13.600	HEISE TO LORENZO
299	HEID	JUN 1, 1894	0.400	HEISE TO LORENZO
300	DILTS	JUN 1, 1894	28.000	HEISE TO LORENZO
301	PEOPLES	AUG 18, 1894	400.000	SHELLEY TO AT BLACKFOOT
302	HARRISON	JAN 9, 1895	160.000	HEISE TO LORENZO
303	AREPDEEM	FEB 6, 1895	1250.000	SHELLEY TO AT BLACKFOOT
304	ENTERPRISE	MAR 22, 1895	120.000	HEISE TO LORENZO
305	SILKEY	MAY 10, 1895	5.000	SQUIRREL TO CHESTER
306	CONSOLIDATED FARMERS	JUN 1, 1895	55.000	ST ANTHONY TO AB NF TETN
307	BURGESS	JUN 1, 1895	160.000	HEISE TO LORENZO
308	TEXAS & LIBERTY PARK	JUN 1, 1895	12.000	HEISE TO LORENZO
309	INDEPENDENT	JUN 14, 1895	400.000	ST ANTHONY TO AB NF TETN
310	MAKYSVILLE	NOV 5, 1895	322.000	GRASSY LAKE TO SQUIRREL
311	L MARTINDALE #2	NOV 5, 1895	4.000	SQUIRREL TO CHESTER
312	L MARTINDALE #1	NOV 5, 1895	4.000	SQUIRREL TO CHESTER
313	CANYON CRK LAT	APR 1, 1896	1.330	AB S LEIGH TO ST ANTHONY
314	WOODMANSEE-JOHNSON	APR 1, 1896	0.400	ST ANTHONY TO TETON MTH
315	CHESTER	APR 1, 1896	112.000	SQUIRREL TO CHESTER
316	FARMERS OWN	APR 1, 1896	34.000	SQUIRREL TO CHESTER
317	MCPFE	JUN 1, 1896	2.000	SQUIRREL TO CHESTER
318	MCHRE	JUN 1, 1896	1.000	SQUIRREL TO CHESTER
319	BEAR ISLAND	JUN 1, 1896	3.500	MENAN TO WILLOW CRK
320	SNAKE RIVER VALLEY	JUL 9, 1896	400.000	WILLOW CRK TO SHELLEY
321	WOODMANSEE-JOHNSON	JUL 15, 1896	0.500	ST ANTHONY TO TETON MTH
322	LAST CHANCE	FEB 9, 1897	225.000	AB FALLS R TO ST ANTHONY
323	TETON ISLAND FEEDER	APR 1, 1898	246.700	ST ANTHONY TO TETON MTH
324	PINCOCK-BYINGTON	APR 1, 1898	14.000	ST ANTHONY TO TETON MTH
325	REXBURG IRRIGATION	APR 1, 1898	170.000	ST ANTHONY TO TETON MTH
326	CITY OF REXBURG	APR 1, 1898	33.000	ST ANTHONY TO TETON MTH
327	WOODMANSEE-JOHNSON	APR 1, 1898	33.600	ST ANTHONY TO TETON MTH
328	PINCOCK-GARNER	APR 1, 1898	16.000	ST ANTHONY TO TETON MTH
329	STEWART	APR 1, 1898	16.310	ST ANTHONY TO TETON MTH
330	C M OLSON	APR 1, 1898	1.690	AB S LEIGH TO ST ANTHONY

TABLE 48 (continued)

ORDER	PARTY OR CANAL	DATE	CFS	REACH
331	PIONEER	APR 1, 1898	18.000	ST ANTHONY TO TETON MTH
332	GOOD LUCK	APR 1, 1898	15.990	ST ANTHONY TO TETON MTH
333	B PARKINSON	APR 1, 1898	5.010	AB S LEIGH TO ST ANTHONY
334	V SCHWENDIMAN	APR 1, 1898	5.000	AB S LEIGH TO ST ANTHONY
335	WILFORD	APR 1, 1898	132.160	ST ANTHONY TO TETON MTH
336	MCCORMICK-ROWE	APR 1, 1898	8.600	ST ANTHONY TO TETON MTH
337	SIDDOWAY	APR 1, 1898	15.320	ST ANTHONY TO TETON MTH
338	ENTERPRISE	APR 15, 1898	68.000	HEISE TO LORENZO
339	PINCOCK-GARNER	MAY 15, 1898	3.200	ST ANTHONY TO TETON MTH
340	DEWEY	MAY 15, 1898	37.200	ASHTON TO AB FALLS RIVER
341	BANNOCK JIM	JUN 1, 1898	4.000	HEISE TO LORENZO
342	LENROOT	JUN 1, 1899	76.000	HEISE TO LORENZO
343	A NYBORG	JUN 1, 1899	0.800	SQUIRREL TO CHESTER
344	ORME	AUG 1, 1899	0.400	SQUIRREL TO CHESTER
345	MATTSON-CRAIG	APR 30, 1900	15.250	HEISE TO LORENZO
346	GREAT WESTERN	APR 30, 1900	4.100	MENAN TO WILLOW CRK
347	NELSON	APR 30, 1900	0.180	HEISE TO LORENZO
348	CANYON CRK	JUN 1, 1900	16.000	AB S LEIGH TO ST ANTHONY
349	BOOMER	JUN 1, 1900	12.690	HEISE TO LORENZO
350	J NEELEY (PONY)	JUN 15, 1900	1.350	AB S LEIGH TO ST ANTHONY
351	J NEELEY #1	JUN 15, 1900	3.670	AB S LEIGH TO ST ANTHONY
352	J NEELEY #2	JUN 15, 1900	3.680	AB S LEIGH TO ST ANTHONY
353	WOODVILLE	JUN 16, 1900	40.000	WILLOW CRK TO SHELLEY
354	OSGOOD	JUN 16, 1900	100.000	MENAN TO WILLOW CRK
355	T POTTER	SEP 24, 1900	3.000	SQUIRREL TO CHESTER
356	TWIN FALLS SOUTH	OCT 11, 1900	3000.000	MINIDOKA TO MILNER
357	NORTHSIDE TWIN F	OCT 11, 1900	400.000	MINIDOKA TO MILNER
358	ISLAND WARD	JAN 23, 1901	100.000	ST ANTHONY TO TETON MTH
359	CUNANT CK CANAL	MAY 1, 1901	18.250	SQUIRREL TO CHESTER
360	D ZUNDELL	MAY 1, 1901	1.750	SQUIRREL TO CHESTER
361	SQUIRREL CK	SEP 1, 1901	17.000	SQUIRREL TO CHESTER
362	BUOM CK	SEP 15, 1901	100.000	SQUIRREL TO CHESTER
363	BEAR TRAP	OCT 1, 1901	1.680	MENAN TO WILLOW CRK
364	BEAR TRAP	OCT 1, 1901	1.120	MENAN TO WILLOW CRK
365	BEAR TRAP	OCT 11, 1901	2.800	MENAN TO WILLOW CRK
366	BEAR TRAP	OCT 11, 1901	12.800	MENAN TO WILLOW CRK
367	FARMERS FRIEND	FEB 5, 1902	240.000	AB FALLS R TO ST ANTHONY
368	PROGRESSIVE(W) SAND	APR 1, 1902	2.000	NR RIRIE TO FDWY NR UCUN
369	SUNNIDELL	APR 14, 1902	140.000	HEISE TO LORENZO
370	CANYON CRK	JUN 1, 1902	54.000	AB S LEIGH TO ST ANTHONY
371	TREGO	JUN 1, 1902	4.000	SHELLEY TO AT BLACKFOOT
372	RILEY	JUN 1, 1902	24.000	IRWIN TO HEISE
373	R ROTH	JUN 1, 1902	3.000	HEISE TO LORENZO
374	ORME	JUN 24, 1902	2.500	SQUIRREL TO CHESTER
375	MCFEE	JUL 16, 1902	1.430	SQUIRREL TO CHESTER
376	G BLANCHARD	JUL 16, 1902	0.570	SQUIRREL TO CHESTER
377	MINIDOKA NTH SIDE	MAR 26, 1903	1726.000	NEELEY TO MINIDOKA
378	SILKEY	JUN 1, 1903	0.600	SQUIRREL TO CHESTER
379	HILL PETTINGER	JUN 1, 1903	10.000	HEISE TO LORENZO
380	LENROOT	JUN 1, 1903	100.000	HEISE TO LORENZO
381	CROFT	JUN 1, 1903	1.800	HEISE TO LORENZO
382	ENTERPRISE	JUN 12, 1903	140.200	SQUIRREL TO CHESTER
383	SNAKE RIVER VALLEY	SEP 1, 1903	110.000	WILLOW CRK TO SHELLEY
384	TETON IRRIGATION	DEC 1, 1903	1.200	ST ANTHONY TO TETON MTH
385	STEWART	DEC 1, 1903	2.080	ST ANTHONY TO TETON MTH
386	PINCOCK-GARNER	DEC 1, 1903	3.200	ST ANTHONY TO TETON MTH
387	N BIRCH	DEC 1, 1903	1.200	ST ANTHONY TO TETON MTH
388	EAMES-THOMPSON	DEC 1, 1903	1.600	ST ANTHONY TO TETON MTH
389	FARMERS OWN	MAY 1, 1904	12.000	SQUIRREL TO CHESTER
390	FARMERS OWN	MAY 1, 1905	40.000	SQUIRREL TO CHESTER
391	BANNOCK JIM	MAY 1, 1905	3.200	HEISE TO LORENZO
392	BOOMER	JUN 1, 1905	32.640	HEISE TO LORENZO
393	GREAT WESTERN	JUN 1, 1905	20.780	MENAN TO WILLOW CRK
394	NORTHSIDE TWIN F	OCT 7, 1905	2250.000	MINIDOKA TO MILNER
395	IDAHO FALLS POWER	DEC 29, 1905	1500.000	WILLOW CRK TO SHELLEY
396	YELLOWSTONE	MAY 1, 1906	100.000	GRASSY LAKE TO SQUIRREL

TABLE 48 (continued)

ORDER	PARTY OR CANAL	DATE	CFS	REACH
397	JACKSON LAKE	AUG 23, 1906	150734.056	TO MURAN
398	KENNEDY	SEP 24, 1906	0.800	MENAN TO WILLOW CRK
399	NORTHSIDE TWIN F	JUN 16, 1908	350.000	MINIDOKA TO MILNER
400	MINIDOKA MTH SIDE	AUG 6, 1908	1000.000	NEELEY TO MINIDOKA
401	GREAT WESTERN	AUG 12, 1908	3.470	MENAN TO WILLOW CRK
402	AMERICAN FALLS POWER	SEP 3, 1908	1400.000	NP BLACKFOOT TO NEELEY
403	CONANT CK CANAL	FEB 15, 1909	22.810	SQUIRREL TO CHESTER
404	D ZUNDELL	FEB 15, 1909	2.190	SQUIRREL TO CHESTER
405	BRAMWELL	FEB 20, 1909	15.600	HEISE TO LORENZO
406	MINIDOKA POWER	JUN 15, 1909	2500.000	NEELEY TO MINIDOKA
407	LAKE WILCUTT	DEC 14, 1909	2500.000	NEELEY TO MINIDOKA
408	CONANT CK CANAL	FEB 25, 1910	22.810	SQUIRREL TO CHESTER
409	D ZUNDELL	FEB 25, 1910	2.190	SQUIRREL TO CHESTER
410	JACKSON LAKE	AUG 18, 1910	69991.933	TO MURAN
411	KENNEDY	MAR 3, 1911	4.560	MENAN TO WILLOW CRK
412	MINIDOKA POWER	JUL 1, 1912	200.000	NEELEY TO MINIDOKA
413	ASHTON POWER	JAN 16, 1913	1000.000	ISLAND PARK TO ASHTON
414	JACKSON LAKE	MAY 24, 1913	206296.950	TO MURAN
415	GREAT WESTERN	MAY 31, 1913	3.500	MENAN TO WILLOW CRK
416	GREAT WESTERN	JUL 17, 1915	7.880	MENAN TO WILLOW CRK
417	ASHTON POWER	NOV 1, 1915	500.000	ISLAND PARK TO ASHTON
418	TWIN FALLS SOUTH	DEC 22, 1915	600.000	MINIDOKA TO MILNER
419	NORTHSIDE TWIN F	DEC 23, 1915	300.000	MINIDOKA TO MILNER
420	RUXANA	JAN 22, 1916	26.000	ST ANTHONY TO TETON MTH
421	CONSOLIDATED FARMERS	JAN 22, 1916	78.000	ST ANTHONY TO AB NE IFTN
422	TWIN GROVES	JAN 22, 1916	30.000	AB FALLS R TO ST ANTHONY
423	FARMERS FRIEND	JAN 22, 1916	47.000	AB FALLS R TO ST ANTHONY
424	ENTERPRISE	JAN 22, 1916	30.000	SQUIRREL TO CHESTER
425	PARSONS	JAN 22, 1916	18.000	SHELLEY TO AT BLACKFOOT
426	WATSON	JAN 22, 1916	36.000	SHELLEY TO AT BLACKFOOT
427	WEAVERICK	JAN 22, 1916	30.000	SHELLEY TO AT BLACKFOOT
428	TREGO	JAN 22, 1916	18.000	SHELLEY TO AT BLACKFOOT
429	DANSKIN	JAN 22, 1916	20.000	SHELLEY TO AT BLACKFOOT
430	RIVERSIDE	JAN 22, 1916	30.000	SHELLEY TO AT BLACKFOOT
431	PEOPLES	JAN 22, 1916	200.000	SHELLEY TO AT BLACKFOOT
432	NEW LAVA SIDE	JAN 22, 1916	30.000	SHELLEY TO AT BLACKFOOT
433	SNAKE RIVER VALLEY	JAN 22, 1916	68.000	WILLOW CRK TO SHELLEY
434	WOODVILLE	JAN 22, 1916	36.380	WILLOW CRK TO SHELLEY
435	GREAT WESTERN	JAN 22, 1916	146.620	MENAN TO WILLOW CRK
436	ELLIS	JAN 22, 1916	2.000	HEISE TO LORENZO
437	WHITE DITCH	JAN 22, 1916	10.000	HEISE TO LORENZO
438	NORTH RIGBY	JAN 22, 1916	30.000	HEISE TO LORENZO
439	PARKS & LEWISVILLE	JAN 22, 1916	84.000	HEISE TO LORENZO
440	W LABELLE & LONG ISL	JAN 22, 1916	28.000	HEISE TO LORENZO
441	DILTS	JAN 22, 1916	10.000	HEISE TO LORENZO
442	RIGBY	JAN 22, 1916	98.000	HEISE TO LORENZO
443	TEXAS & LIBERTY PARK	JAN 22, 1916	32.000	HEISE TO LORENZO
444	REID	JAN 22, 1916	40.000	HEISE TO LORENZO
445	EAST LABELLE	JAN 22, 1916	26.000	HEISE TO LORENZO
446	LOWDER & JENNINGS	JAN 22, 1916	33.000	HEISE TO LORENZO
447	CLARK & EDWARDS	JAN 22, 1916	30.000	HEISE TO LORENZO
448	BURGESS	JAN 22, 1916	200.000	HEISE TO LORENZO
449	KITE & NORD	JAN 22, 1916	5.000	HEISE TO LORENZO
450	BOOMER	JAN 22, 1916	120.000	HEISE TO LORENZO
451	CHENEY	JAN 22, 1916	8.000	HEISE TO LORENZO
452	HARRISON	JAN 22, 1916	96.000	HEISE TO LORENZO
453	RUSS AND RAND	JAN 22, 1916	2.800	HEISE TO LORENZO
454	BUTLER ISLAND	JAN 22, 1916	10.000	HEISE TO LORENZO
455	ARNSBERGER	JAN 22, 1916	3.000	HEISE TO LORENZO
456	MATTSON-CRAIG	JAN 22, 1916	14.000	HEISE TO LORENZO
457	ENTERPRISE	JAN 22, 1916	62.000	HEISE TO LORENZO
458	FARMERS FRIEND	JAN 22, 1916	160.000	HEISE TO LORENZO
459	ANDERSON	JAN 22, 1916	300.000	HEISE TO LORENZO
460	RILEY	JAN 22, 1916	12.000	IRWIN TO HEISE
461	MILNER LOW LIFT	NOV 14, 1916	135.000	MINIDOKA TO MILNER
462	HENRYS LAKE	MAY 15, 1917	1000.000	TO HENRYS LAKE

TABLE 48 (continued)

UNDER PARTY OR CANAL	DATE	CFS	REACH
463 AMERICAN FALLS POWER	MAR 8, 1919	4600.000	NR BLACKFOOT TO NEELEY
464 HURGESS	JUN 2, 1919	100.000	HEISE TO LORENZO
465 GREAT WESTERN	NOV 15, 1919	20.000	MENAN TO WILLOW CRK
466 NORTHSIDE TWIN F	AUG 6, 1920	1260.000	MINIDOKA TO MILNER
467 PALISADES	MAR 29, 1921	130879.758	MORAN TO IRWIN
468 ISLAND PARK	MAR 29, 1921	22687.169	HENRYS L TO ISLAND PARK
469 AMERICAN FALLS	MAR 29, 1921	80362.995	NR BLACKFOOT TO NEELEY
470 RES DIST #2	MAR 30, 1921	850.000	MINIDOKA TO MILNER
471 AMERICAN FALLS	MAR 30, 1921	850.000	NR BLACKFOOT TO NEELEY
472 AMERICAN FALLS	MAR 31, 1921	775857.840	NR BLACKFOOT TO NEELEY
473 RES DIST #2	APR 1, 1921	1700.000	MINIDOKA TO MILNER
474 IDAHO	JUN 1, 1922	100.000	MENAN TO WILLOW CRK
475 ASHTON POWER	MAR 7, 1924	1000.000	ISLAND PARK TO ASHTON
476 GREAT WESTERN	MAY 1, 1932	17.000	MENAN TO WILLOW CRK
477 IDAHO	JUN 1, 1932	100.000	MENAN TO WILLOW CRK
478 ISLAND PARK	MAR 14, 1935	45374.338	HENRYS L TO ISLAND PARK
479 GRASSY LAKE	FEB 13, 1936	7665.238	TO GRASSY LAKE
480 IDAHO	JUN 1, 1936	100.000	MENAN TO WILLOW CRK
481 WILFORD	APR 1, 1939	50.000	ST ANTHONY TO TETON MTH
482 TETON IRRIGATION	APR 1, 1939	9.000	ST ANTHONY TO TETON MTH
483 STEWART	APR 1, 1939	30.000	ST ANTHONY TO TETON MTH
484 PINCOCK-BYINGTON	APR 1, 1939	38.000	ST ANTHONY TO TETON MTH
485 PINCOCK-GARNER	APR 1, 1939	4.000	ST ANTHONY TO TETON MTH
486 SAUREY	APR 1, 1939	9.000	ST ANTHONY TO TETON MTH
487 FARMERS OWN	APR 1, 1939	12.000	SQUIKREL TO CHESTER
488 ENTERPRISE	APR 1, 1939	29.000	SQUIKREL TO CHESTER
489 FALL RIVER	APR 1, 1939	32.000	SQUIKREL TO CHESTER
490 ST ANTHONY UNION	APR 1, 1939	24.000	AB FALLS R TO ST ANTHONY
491 FARMERS FRIEND	APR 1, 1939	9.000	AB FALLS R TO ST ANTHONY
492 SALEM UNION	APR 1, 1939	15.000	AB FALLS R TO ST ANTHONY
493 EGIN	APR 1, 1939	23.000	ST ANTHONY TO AB NF TETN
494 INDEPENDENT	APR 1, 1939	35.000	ST ANTHONY TO AB NF TETN
495 BELL	APR 1, 1939	6.000	SQUIKREL TO CHESTER
496 CONSOLIDATED FARMERS	APR 1, 1939	70.000	ST ANTHONY TO AB NF TETN
497 ANDERSON	APR 1, 1939	80.000	HEISE TO LORENZO
498 M GEORGIA	APR 1, 1939	6.000	HEISE TO LORENZO
499 M NEWBY #1	APR 1, 1939	6.000	HEISE TO LORENZO
500 BUTLER ISLAND	APR 1, 1939	16.000	HEISE TO LORENZO
501 STEELE	APR 1, 1939	9.000	HEISE TO LORENZO
502 HARRISON	APR 1, 1939	55.000	HEISE TO LORENZO
503 KITE & NORD	APR 1, 1939	4.000	HEISE TO LORENZO
504 CLARK & EDWARDS	APR 1, 1939	5.000	HEISE TO LORENZO
505 CROFT	APR 1, 1939	2.000	HEISE TO LORENZO
506 EAST LABELLE	APR 1, 1939	30.000	HEISE TO LORENZO
507 REID	APR 1, 1939	35.000	HEISE TO LORENZO
508 TEXAS & LIBERTY PARK	APR 1, 1939	40.000	HEISE TO LORENZO
509 NELSON-COREY	APR 1, 1939	5.000	HEISE TO LORENZO
510 DILTS	APR 1, 1939	6.000	HEISE TO LORENZO
511 W LABELLE & LONG ISL	APR 1, 1939	70.000	HEISE TO LORENZO
512 BRAMWELL	APR 1, 1939	4.000	HEISE TO LORENZO
513 BUTTE & MARKET LAKE	APR 1, 1939	120.000	LORENZO TO MENAN
514 IDAHO	APR 1, 1939	130.000	MENAN TO WILLOW CRK
515 OSGOOD	APR 1, 1939	21.000	MENAN TO WILLOW CRK
516 KENNEDY	APR 1, 1939	10.675	MENAN TO WILLOW CRK
517 GREAT WESTERN	APR 1, 1939	220.000	MENAN TO WILLOW CRK
518 BEAR ISLAND	APR 1, 1939	4.190	MENAN TO WILLOW CRK
519 SNAKE RIVER VALLEY	APR 1, 1939	100.000	WILLOW CRK TO SHELLEY
520 BLACKFOOT	APR 1, 1939	100.000	SHELLEY TO AT BLACKFOOT
521 ABERDEEN	APR 1, 1939	230.000	SHELLEY TO AT BLACKFOOT
522 CURBETT	APR 1, 1939	13.000	SHELLEY TO AT BLACKFOOT
523 NIELSON-HANSEN	APR 1, 1939	4.000	SHELLEY TO AT BLACKFOOT
524 RIVERSIDE	APR 1, 1939	50.000	SHELLEY TO AT BLACKFOOT
525 DANSKIN	APR 1, 1939	80.000	SHELLEY TO AT BLACKFOOT
526 FALLS IRRIGATION DIS	APR 1, 1939	125.000	NR BLACKFOOT TO NEELEY
527 A & B IRR DIST	APR 1, 1939	267.000	MINIDOKA TO MILNER
528 MINIDOKA NTH SIDE	APR 1, 1939	430.000	NEELEY TO MINIDOKA

TABLE 48 (continued)

ORDER	PARTY OR CANAL	DATE	CFS	REACH
529	MILNER LOW LIFT	APR 1, 1939	121.000	MINIDOKA TO MILNER
530	TWIN FALLS SOUTH	APR 1, 1939	180.000	MINIDOKA TO MILNER
531	PALISADES	JUL 28, 1939	474111.419	MORAN TO IRWIN
532	MILNER LOW LIFT	OCT 25, 1939	37.000	MINIDOKA TO MILNER
533	BOOM CK	JAN 17, 1955	42.560	SQUIRREL TO CHESTER
534	Z G EGBERT #4	SEP 7, 1961	2.000	ISLAND PARK TO ASHTON
535	D LARSON	SEP 6, 1963	2.570	ISLAND PARK TO ASHTON
536	G MAROTZ	JUN 28, 1965	0.410	ISLAND PARK TO ASHTON
537	HENRYS LAKE	JUL 29, 1965	5369.297	TO HENRYS LAKE
538	MILNER LOW LIFT	APR 26, 1966	14.000	MINIDOKA TO MILNER
539	R BAUM	MAY 11, 1967	1.010	SQUIRREL TO CHESTER
540	RIRIE RESERVOIR	JUN 16, 1969	0.0	BLW TEXAS CRK TO NR RIRI
541	W STEVENS	APR 19, 1973	2.000	AB S LEIGH TO ST ANTHONY
542	F HOWELL	JUN 1, 1973	1.900	ISLAND PARK TO ASHTON
543	D REINKE	JUL 5, 1973	1.000	SQUIRREL TO CHESTER
544	L LOOSLI #2	OCT 5, 1973	4.000	SQUIRREL TO CHESTER
545	C & L LOOSLI	OCT 5, 1973	4.000	SQUIRREL TO CHESTER
546	C LOOSLI #1	JUL 9, 1974	4.000	SQUIRREL TO CHESTER
547	P PARKINSON	JUL 22, 1974	7.000	HEISE TO LORENZO
548	D HARSHRERGER	AUG 7, 1974	5.000	SQUIRREL TO CHESTER
549	E G HOWELL #1	AUG 19, 1974	5.000	ISLAND PARK TO ASHTON
550	D WOODRUFF	AUG 26, 1974	1.600	ISLAND PARK TO ASHTON
551	W STEVENS	SEP 3, 1974	8.000	AB S LEIGH TO ST ANTHONY
552	R LEE	SEP 20, 1974	2.700	ISLAND PARK TO ASHTON
553	B COVINGTON	NOV 12, 1974	16.000	HEISE TO LORENZO
554	W STEVENS	NOV 20, 1974	20.000	AB S LEIGH TO ST ANTHONY
555	J NEELEY #1	DEC 5, 1974	4.000	AB S LEIGH TO ST ANTHONY
556	J NEELEY #2	DEC 5, 1974	4.000	AB S LEIGH TO ST ANTHONY
557	C P LENZ	DEC 6, 1974	10.000	SQUIRREL TO CHESTER
558	H GRIFFEL	JAN 14, 1975	1.000	SQUIRREL TO CHESTER
559	L CHERRY	AUG 8, 1975	3.200	ISLAND PARK TO ASHTON
560	A NEDROW	SEP 22, 1975	1.800	ASHTON TO AB FALLS RIVER
561	B TOMCHAK	MAR 14, 1978	6.960	MENAN TO WILLOW CRK
562	CANYON CRK LAT	APR 10, 1978	24.000	AB S LEIGH TO ST ANTHONY
563	M H HILL	APR 11, 1978	1.500	HEISE TO LORENZO
564	R RITCHEY	JUN 23, 1978	4.400	ISLAND PARK TO ASHTON

TABLE 49

REACH DATA - OCT 31, 1978

	ACTUAL DATE	NATURAL FLOW	ACTUAL FLOW	REMAINING FLOW	POWER FLOW	STOPPED FLOW	RESERVOIR EVAP	NATURAL FLOW DIV	TOTAL KCH DIV	REACH GAIN	LAST RIGHT
1	TU MORAN	292.	233.	292.	0.	-59.	0.	0.	0.	292.	19780623
2	MORAN TO IRWIN	3228.	3100.	3228.	0.	-128.	0.	0.	0.	2936.	19780623
3	IRWIN TO HEISE	3594.	3450.	3593.	0.	-143.	0.	1.	0.	366.	19780623
4	HEISE TO LORENZO	3594.	514.	657.	0.	-143.	0.	2936.	2936.	0.	19780623
11	TO HENRYS LAKE	42.	53.	0.	0.	53.	0.	42.	0.	42.	19650729
12	HENRYS L TO ISLAND PARK	342.	251.	300.	0.	-49.	0.	0.	0.	300.	19780623
13	ISLAND PARK TO ASHTON	1061.	950.	68.	950.	-68.	0.	0.	0.	719.	19780623
30	ASHTON TO AB FALLS RIVER	1061.	947.	1015.	0.	-68.	0.	3.	3.	0.	19780623
14	TO GRASSY LAKE	-2.	0.	-2.	0.	2.	0.	0.	0.	-2.	19780623
15	GRASSY LAKE TO SQUIRREL	542.	512.	510.	0.	2.	0.	72.	72.	584.	19780623
16	SQUIRREL TO CHESTER	641.	413.	411.	0.	2.	0.	158.	158.	59.	19780623
17	AB FALLS R TO ST ANTHONY	1851.	1240.	1425.	0.	-185.	0.	151.	205.	149.	19780623
18	ST ANTHONY TO AF NF TETN	1851.	1121.	1306.	0.	-185.	0.	119.	119.	0.	19780623
19	AR S LEIGH TO ST ANTHONY	674.	701.	674.	0.	27.	0.	0.	0.	674.	19780623
20	ST ANTHONY TO TETON MTH	674.	409.	382.	0.	27.	0.	292.	292.	0.	19780623
21	AB NF TETN TO REXBURG	2413.	1540.	1576.	0.	-36.	0.	0.	0.	-112.	19780623
22	LORENZO TO MENAN	6008.	1938.	2117.	0.	-179.	0.	116.	116.	0.	19780623
23	MENAN TO WILLOW CRK	36.	1288.	1467.	0.	-179.	0.	650.	650.	0.	19780623
24	WILLOW CRK BLW TEXAS CRK	36.	36.	36.	0.	0.	0.	0.	0.	36.	18850401
25	NR RIRIE TO PDWY NR UCUM	36.	10.	36.	0.	-26.	0.	36.	387.	0.	18850401
26	PDWY NR UCUM TO END	36.	0.	0.	0.	0.	0.	0.	0.	0.	18850401
27	WILLOW CRK TO SHELLEY	7437.	2180.	924.	1500.	-244.	0.	436.	436.	1393.	19780623
28	SHELLEY TO AT BLACKFOOT	8204.	1243.	1487.	0.	-244.	0.	937.	937.	0.	19780623
29	AT BLACKFOOT TO BLKFOOT	11335.	1996.	2254.	0.	-258.	0.	0.	0.	767.	19780623
30	NR BLACKFOOT TO NEELEY	10623.	3920.	1465.	3920.	-1465.	0.	0.	0.	3131.	19780623
31	NEELEY TO MINIDOKA	11736.	3880.	4705.	2700.	-1084.	0.	1081.	1081.	-711.	19780623
32	MINIDOKA TO MILNER	11736.	3880.	4705.	0.	-825.	0.	0.	0.	1112.	19780623
TOTAL								7030.	7393.	11736.	

RESERVOIR	PREVIOUS CONT AF	CURRENT CHANGE IN CONT AF	ACCUMULATED STOR CFS	TOTAL STOR AF	EVAP AF	TOTAL	PRIORITY	RESERVOIR	RIGHT	STORED
1 JACKSON LAKE	539480.0	539150.0	-116.0	0.0	624360.0	0.0	1	JACKSON LAKE	220392.0	220392.0
2 PALISADES	1135326.0	1135483.0	79.2	0.0	1200000.0	20579.8	2	LAKE WALCOTT	97000.0	97000.0
3 HENRYS LAKE	86500.0	86500.0	0.0	42.4	87047.0	0.0	3	JACKSON LAKE	102337.0	102337.0
4 ISLAND PARK	105290.0	104735.0	-279.8	0.0	135000.0	8520.0	4	JACKSON LAKE	301631.0	301631.0
5 GRASSY LAKE	12042.0	12028.0	-7.1	0.0	14030.5	0.0	5	HENRYS LAKE	79350.0	79350.0
6 RIRIE	47808.0	47903.0	17.6	0.0	0.0	2166.6	6	PALISADES	259600.0	259600.0
7 AMERICAN FALLS	764250.0	772190.0	4003.0	0.0	1700000.0	15124.4	7	ISLAND PARK	45000.0	45000.0
8 LAKE WALCOTT	81060.0	81050.0	398.3	0.0	97000.0	22187.4	8	AMERICAN FALLS	159400.0	159400.0
TOTAL	2771710.0	2779839.0	4095.3	42.4	3857437.5	68578.2	9	AMERICAN FALLS	1540600.0	1540600.0
YEAR-TO-DATE AF	2037638.8	1014935.5	59074.8	4857437.5	516652.8		10	ISLAND PARK	90000.0	90000.0
CROSSCUT AT TETON CFS	27.	EAGLE ROCK DUMP CFS	252.				11	GRASSY LAKE	15204.0	14030.5
DAILY TOTALS	7393.	CFS NAT CFS STOR	378.	750.	1014935.	-1014935.	12	PALISADES	940400.0	940400.0
		AF STOR	750.	1014935.	-1014935.		13	HENRYS LAKE	10650.0	7697.0
		AF USED					14	RIRIE	0.0	0.0
		AF RFW					TOTAL	3861564.0	3857437.5	
							MINIDOKA PROJECT RETURN FLOW CREDIT			
							CFS GAIN CFS CREDIT	1112.3	0.0	16982.1
							AF TOTAL			

TABLE 49 (continued)

DIVERSION	DIVERSION DATA - OCT 31, 1978		DIVERSION		DIVERSION		DIVERSION		DIVERSION		DIVERSION		DIVERSION		DIVERSION		DIVERSION	
	CFS	AF	CFS	AF	CFS	AF	CFS	AF	CFS	AF	CFS	AF	CFS	AF	CFS	AF	CFS	AF
DIVN	STOR	USFD	DIVN	STOR	USFD	DIVN	STOR	USFD	DIVN	STOR	USFD	DIVN	STOR	USFD	DIVN	STOR	USFD	RMG
1 JACKSON LAKE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-1
2 PALISADES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-73
3 FLEWING	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-836
4 T LOT #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-11
5 D MEASLEY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6 T LOT #2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 I SPAULDING (TR)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 HILE	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 ANDERSON	348	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-70
10 M BLANKLEY STH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-216
11 M BLANKLEY NTH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-2947
12 M NEWMY #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 M NEWMY #2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-368
14 M NEWMY #3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-66
15 EAGLE ROCK (1)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-40
16 M GEORGIA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-33
17 FARMERS FRIEND	238	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-110
18 ENTERPRISE	79	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-274
19 G HICKMAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-150
20 BUTLER ISLAND	1b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-79
21 ROSS AND RAND	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-455
22 STEELE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-294
23 HARRISON	362	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-200
24 CHENEY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-1047
25 BUTLER ISL #2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-151
26 RUDY (2)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-455
27 LOWDER & JENNING	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28 BOOMER	164	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-2197
29 KITE & NORD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30 HURGES	612	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31 M H HILL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32 CLARK & EDWARDS	52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-74
33 CROFT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34 EAST LABELLF	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-42
35 WHITE ISLAND	102	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-17510
36 WHITE ISLAND	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37 DILLS	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-85
38 ISLAND	95	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
39 W LABELLE & LONG	251	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-59
40 PARKS & LEWISVILLE	225	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
41 NORTH RIGBY	32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42 JEFF HILLS ELEC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-365
43 JEFF HILLS FNG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-1191
44 WHITE DITCH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-228
45 J W JONES #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-83
46 HAMMILL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-752
47 ELLIS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-234
48 J T JONES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-466
49 N TAILOR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-76
50 R HUNTER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-299
51 FRESH PAC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-574
52 V 4 HUNTER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-490

TABLE 49 (continued)

DIVERSION	DIVERSION DATA - OCF 31, 1978				DIVERSION				DIVERSION				DIVERSION			
	CFS	AF	USED	RMG	CFS	AF	USED	RMG	CFS	AF	USED	RMG	CFS	AF	USED	RMG
53 J H ERIKSON	0	0	79	-79	152 L LOUSILL #3	0	0	674	-674	251 PROGRESSIVE(W) S	372	336101567-101567	0	0	0	0
54 NELSON	0	0	1049	-1049	153 G BLANCHARD	0	0	13	-13	252 IDAHO FM SAND CR	15	15	3269	-3269	0	0
55 MATTSUN-CRAIG	7	0	346	-346	154 LAST CHANCE	21	0	3263	-3263	253 PROGRESSIVE(W) W	0	0	0	0	0	0
56 SUNNYDELL	31	0	2732	-2732	155 CROSSCUT TO TETO	54	27	3441	-3441	254 IF MUNKOC SMALL	0	0	22	-22	83	-83
57 H COVINGTON	0	0	317	-317	156 CROSSCUT TO FALL	31	0	0	0	255 IF MUNKOC LARGE	0	0	0	0	0	0
58 AMNSBERGER	0	0	138	-138	157 FARMERS FRIEND	34	0	2543	-2543	256 IDAHO FALLS POME	0	0	0	0	0	0
59 P PARKINSON	0	0	0	0	158 181 1/2 GRUVER	50	0	0	0	257 J LYONS	0	0	1	-1	0	0
60 R GROVER	0	0	340	-340	159 ST ANTHONY UNION	10	0	44	-44	258 WOODVILLE	54	0	48	-48	0	0
61 M CHENEY PUMP	0	0	161	-161	160 SALEM UNION	5	0	0	0	259 SNAKE RIVER VALL	382	0	16070	-16070	0	0
62 LENRUOL	50	0	2803	-2803	161 EGIN	0	0	18	-18	260 A M CANNON	0	0	108	-108	0	0
63 R HURNS	0	0	50	-50	162 ST ANTHONY UNION	56	0	1847	-1847	261 P HILL	0	0	28	-28	0	0
64 FIELD	55	0	3761	-3761	163 INDEPENDENT	63	0	2857	-2857	262 RESERVATION	0	0	395	-395	0	0
65 TEXAS & LIBERTY	77	0	604	-604	164 CONSOLIDATED FAR	63	0	820	-820	263 BLACKEFOOT	301	0	2345	-2345	0	0
66 BANNOCK JIM	0	0	455	-455	165 H PARKINSON	0	0	770	-770	264 NEW LAVA SIDE	45	0	73	-73	0	0
67 HILL PETTINGER	0	0	219	-219	166 CANYON CRK	0	0	0	0	265 R C ADAMS	0	0	0	0	0	0
68 NELSON COREY	0	0	124	-124	167 J KELLEY (PONY)	0	0	0	0	266 PEOPLES	171	0	115	-115	0	0
69 R ROH	0	0	23	-23	168 J KELLEY #1	0	0	0	0	267 ABERDEEN	108	0	1625	-1625	0	0
70 HENRYS LAKE	0	0	0	0	169 J KELLEY #2	0	0	0	0	268 CORBETT	4	0	22	-22	0	0
71 ISLAND PARK	0	0	0	0	170 W STEVENS	0	0	278	-278	269 NIELSON-HANSEN	0	0	105	-105	0	0
72 ASHTON POWER	0	0	0	0	171 V SCHWENDMAN	0	0	650	-650	270 R LAMBERT	0	0	63	-63	0	0
73 G MAROTZ	0	0	149	-149	172 C M OLSON	0	0	855	-855	271 R STRINGHAM	58	0	861	-861	0	0
74 L CHERRY	0	0	38	-38	173 CANYON CRK LAT	0	0	2027	-2027	272 RIVERSIDE	106	0	1694	-1694	0	0
75 F HOWELL	0	0	46	-46	174 WILFORD	6	0	0	0	273 DANKIN	42	0	488	-488	0	0
76 D WOODRUFF	0	0	179	-179	175 GOOD DUCK	0	0	402	-402	274 TREGU	0	0	83	-83	0	0
77 E G HOWELL #1	0	0	0	0	176 TELUM IRRIGATION	29	0	0	0	275 HOPKINS PKNG	0	0	45	-45	0	0
78 E G HOWELL #2	0	0	0	0	177 SIDDONAY	0	0	0	0	276 BLACKFOOT MONROC	20	0	273	-273	0	0
79 E G HOWELL #3	0	0	60	-60	178 PLUMMER	0	0	0	0	277 WEARYRICK	0	0	32	-32	0	0
80 T HOLCOMB	0	0	92	-92	179 STEWART	2	0	0	0	278 J WADSWORTH	66	0	3355	-3355	0	0
81 R LEE	0	0	55	-55	180 N BIRCH	0	0	32	-32	279 WATSON	16	0	2475	-2475	0	0
82 Z G EGERT #1	0	0	24	-24	181 EAMES-THOMPSON	0	0	6	-6	280 PARSONS	0	0	28525	-28525	0	0
83 R RITCHIE	0	0	155	-155	182 PINOCH-RYINGTON	1	0	0	0	281 FT HALL MICHAUD	0	0	12989	-12989	0	0
84 R & A STEWART #2	0	0	20	-20	183 TELUM ISLAND FEE	136	0	551	-551	282 FALLS IRRIGATION	0	0	0	0	0	0
85 R & A STEWART #1	0	0	11	-11	184 NOKIA SALEW	0	0	12	-12	283 AMERICAN FALLS	0	0	0	0	0	0
86 Z G EGERT #2	0	0	69	-69	185 J HARRIS	0	0	18	-18	284 AMERICAN FALLS P	0	0	0	0	0	0
87 R D BAKER #2	0	0	0	0	186 KUANA	0	0	119	-119	285 MINIDOKA NTH SID	0	0	0	0	0	0
88 D LARSON	0	0	58	-58	187 ISLAND WARD	3	0	0	0	286 MINIDOKA STH (4)	0	0	0	0	0	0
89 D SEELEY	0	0	417	-417	188 SAUKET	18	0	0	0	287 LAKE WALCOTT	0	0	0	0	0	0
90 Z G EGERT #3	0	0	49	-49	189 MCCORMICK-RUMF	0	0	135	-135	288 MINIDOKA POWER	0	0	0	0	0	0
91 Z G EGERT #4	0	0	98	-98	190 PINOCH-GARNER	1	0	0	0	289 A & B IRR DIST	0	0	20747	-20747	0	0
92 Z G EGERT #5	0	0	112	-112	191 E GARDNER	0	0	121	-121	290 PA LATEHAL (5)	0	0	0	0	0	0
93 G NEURON	0	0	0	0	192 HIGLER SLOUGH	3	0	930	-930	291 MILNER LOW LIFT	0	0	22032	-22032	0	0
94 R D BAKER #1	0	0	141	-141	193 MOORMANSE-JOHNS	0	0	5	-5	292 A LATEHAL (6)	0	0	0	0	0	0
95 M F REYNOLDS #1	0	0	0	0	194 R R RICKS	0	0	17	-17	293 NS XCUT GONG (7)	0	0	0	0	0	0
96 R & C BAUM	0	0	38	-38	195 R W WILGING	0	0	0	0	294 PES DIST #2	234	0	0148754-148754	0	0	0
97 J MCCULLOCH	0	0	0	0	196 CITY OF WEAHURG	3	0	0	0	295 NORTHSIDE TWIN F	822	0	0248280-248280	0	0	0
98 M F REYNOLDS #2	0	0	45	-45	197 T BRUNSON	0	0	136	-136	296 TWIN FALLS SOUTH	25	0	46682	-46682	0	0
99 C LENZ (P HESS)	0	0	44	-44	198 J S WRIGHT	0	0	8	-8	297	0	0	0	0	0	0

(1) INCLUDED IN ANDERSON CANAL, RECORDED VALUE = 241. CFS
 (2) INCLUDED IN HUNTER CANAL, RECORDED VALUE = 34. CFS
 (3) INCLUDED IN GREAT WESTERN, RECORDED VALUE = 110. CFS
 (4) INCLUDED IN MINIDOKA NTH S, RECORDED VALUE = 0. CFS

(5) INCLUDED IN NORTHSIDE TW F, RECORDED VALUE = 0. CFS
 (6) INCLUDED IN NORTHSIDE TW F, RECORDED VALUE = 10. CFS
 (7) INCLUDED IN NORTHSIDE TW F, RECORDED VALUE = 800. CFS

MONTH OF APRIL

TABLE 50
TOTAL DIVERSIONS IN CUBIC FEET PER SECOND

RUN DATE 02/22/79

NAME	19	20	21	22	23	24	25	26	27	28	29	30	31	CFS DAYS 1-15	CFS DAYS 16-31	TOTALS AC FT
RILEY (ABOVE HEISE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANDERSON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EAGLE ROCK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FARMER'S FRIEND	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ENTERPRISE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BUTLER ISLAND	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ROSS AND RAND	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
STEELE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HARRISON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CHENEY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RUDY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LOWDER & JENNING	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BOUMER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
KITE & NUHD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BURGESS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CLARK & EDWARDS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EAST LABELLE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RIGBY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DILTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ISLAND	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
W LABELLE & LONG I	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PARKS & LEWISVILLE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTH RIGBY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BRAMWELL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ELLIS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NELSON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MATTSON-CRAIG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SUNNYDEL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ARNSEBERGER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LENROOT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
REID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TEXAS & LIBERTY PK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BANNOCK JIM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HILL PETTINGER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NELSON COREY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL HEISE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TO LORENZO	0	0	0	0	0	24	56	56	56	56	22	78	0	0	352	698
DEMERY (ABV FALLS R.)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YELLOWSTONE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MARYSVILLE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL FALLS RIVER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ABV SQUIRREL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE 51

TOTAL DIVERSIONS IN CUBIC FEET PER SECOND

MONTH OF APRIL

RUN DATE 02/22/79

NAME	19	20	21	22	23	24	25	26	27	28	29	30	31	CFS DAYS 1-15	CFS DAYS 16-31	TOTALS AC FT
CONANT CR CANAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
KEITH NYBORG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BOOM CR CANAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SQUIRREL CR CANAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ORME	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ENTERPRISE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BELL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FALL RIVER CANAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CHESTER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SILAFY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CURR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL SQUIRREL TO CHESTER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LAST CHANCE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CROSSCUT AT HEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FARMERS FRIEND	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TWIN GROVES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ST ANTHONY UNION FDR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SALEM UNION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL ASHTON TO ST ANTHONY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EGIN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ST ANTHONY UNION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INDEPENDENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CONSOLIDATED FARMERS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CANYON CR CANAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CANYON CR LAT. USERS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL TETON R. ABV ST ANTHONY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WILFORD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GOOD LUCK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TETON IRRIGATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SIDDOWAY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PIONEER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
STEWARD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PINCOCK-HYINGTON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TETON ISLAND FEEDER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTH SALEM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ROXANA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ISLAND WARD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SAUREY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MCCORMICK-ROWE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PINCOCK-GARNER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BIGLER SLOUGH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WOODMANSEE-JOHNSON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CITY OF REXBURG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
REXBURG IRRIGATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL TETON R. BLW ST ANTHONY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

MONTH OF APRIL

TABLE 52
TOTAL DIVERSIONS IN CUBIC FEET PER SECOND

RUN DATE: 02/22/79

NAME	19	20	21	22	23	24	25	26	27	28	29	30	31	CFS DAYS 1-15	CFS DAYS 16-31	TOTALS AC FT
ROUTE 6 MARKET LAKE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BEAR TRAP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OSGUOD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
KENNEDY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GREAT WESTERN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HEAR ISLAND	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
IDAHO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PURTER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL, LORENZO TU ABV WILLOW CR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LOERTSHER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LOVETTS PUMP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FERGUSON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LOVETT NO 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WALLACE REID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SARGENT & SUMNER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DORICH PUMPS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
REED PUMPS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SPEERY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ORVAL AVERY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ROY AVERY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
STURKEY PUMPS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ROY COOPER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PROGRESSIVE SAND CR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
IDAHO FR SAND CR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PROGRESSIVE WILLOW CR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL, WILLOW CREEK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WOODVILLE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SNAKE RIVER VALLEY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL WILLOW CREEK TO SHELLEY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RESERVATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BLACKFOOT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NEW LAVA SIDE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PEOPLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ABERDEEN	0	154	308	306	322	345	345	374	374	374	369	374	0	0	3645	7229
CORBETT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NIELSON-HANSEN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RIVERSIDE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DANSKIN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TREGU	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WEAVERICK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WATSON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PARSONS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL SHELLEY TO BLACKFOOT	0	154	308	306	322	345	345	374	374	374	369	374	0	0	3645	7229

TABLE 54 (continued)

TABLE 54 (continued)																
MONTH OF MAY				TOTAL DIVERSIONS IN CURIC FEET PER SECOND											RUN DATE 02/22/79	
NAME	19	20	21	22	23	24	25	26	27	28	29	30	31	CFS DAYS 1-15	CFS DAYS 16-31	TOTALS AC FT
RILEY (ABOVE HEISE)	0	0	0	0	0	0	0	0	0	0	0	0	0	9	0	17
ANDERSON	199	199	188	188	188	188	188	188	188	188	299	299	299	1460	3507	9852
EAGLE ROCK	0	0	57	114	114	114	114	201	201	253	289	426	460	24	2343	4694
FARMERS FRIEND	160	160	180	180	180	180	180	180	180	180	476	476	476	455	3964	8765
ENTERPRISE	109	109	102	102	102	102	102	102	102	102	213	213	213	941	2111	6053
BUTLER ISLAND	11	11	8	8	8	8	8	8	8	8	44	44	44	130	287	827
ROSS AND RAND	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
STEELE	0	0	0	0	0	0	0	0	0	0	15	15	15	0	60	119
HARRISON	251	251	374	374	374	374	374	374	374	686	686	686	686	980	6617	15068
CHENEY	0	0	0	0	0	0	0	0	0	0	8	8	8	0	32	63
RUDY	0	0	72	72	72	72	72	72	72	123	123	123	123	10	996	1995
LOWDER & JENNING	40	40	46	46	46	46	46	46	46	100	100	100	100	154	922	2134
BOUMER	23	23	60	60	60	60	60	60	60	217	217	217	237	108	1423	3036
KITE & NORD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HURGESS	792	792	880	880	880	880	880	880	880	1030	1030	1030	1030	5538	14240	39229
CLARK & EDWARDS	71	71	84	84	84	84	84	84	84	118	118	118	118	235	1415	3272
EAST LABELLE	24	24	27	27	27	27	27	27	27	177	177	177	177	351	1017	2113
RIGBY	214	214	214	228	228	243	243	243	243	286	286	286	286	1070	3856	9770
DILTS	37	37	34	34	34	34	34	34	34	45	45	45	45	277	603	1745
ISLAND	67	67	67	68	68	68	68	68	68	227	227	227	227	466	1663	4222
W LABELLE & LONG I	110	110	110	142	142	174	174	174	174	654	654	654	654	660	4256	9750
PARKS & LEWISVILLE	242	242	242	275	308	308	308	308	308	378	378	378	378	1815	4779	13079
NORTH RIGBY	65	65	65	70	75	75	75	75	75	75	75	75	75	455	1135	3153
BRANWELL	0	0	0	0	0	0	0	0	0	15	15	15	15	0	78	154
ELLIS	0	0	0	0	0	0	0	0	0	10	10	10	10	0	65	128
NELSON	0	0	0	0	0	0	0	0	0	7	7	7	7	0	28	55
MATTSON-CRAIG	0	0	0	0	0	0	0	0	0	16	16	16	16	4	64	134
SUNNYDELL	43	43	43	43	43	43	43	43	43	198	198	198	198	784	1335	4203
ARNSBERGER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LENROOT	79	87	87	87	87	87	87	87	87	165	165	165	165	1176	1672	5649
REID	200	192	185	185	185	185	185	185	185	252	252	252	252	3027	3295	12539
TEXAS & LIBERTY PK	191	191	240	240	240	240	240	240	240	301	301	301	301	1167	3838	9927
BANNOCK JIM	19	19	19	19	19	19	19	19	19	14	14	14	14	265	284	1088
HILL PETTINGER	0	0	0	0	0	0	0	0	0	4	4	4	4	0	16	31
NELSON CURRY	0	0	0	0	0	0	0	0	0	9	9	9	9	0	36	71
TOTAL HEISE	2947	2947	3384	3525	3564	3611	3624	3723	3723	6415	6447	6580	6634	21561	65937	173552
TU LORENZO	15	15	15	14	14	13	12	13	13	14	16	17	18	164	236	793
DEWEY (ABV FALLS R.)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YELLOWSTONE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MARYSVILLE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL FALLS RIVER	15	15	15	14	14	13	12	13	13	14	16	17	18	164	236	793
ABV SQUIRREL																

MONTH OF MAY

TOTAL DIVERSIONS IN CUHIC FEET PER SECOND

RUN DATE 02/22/79

TABLE 55

NAME	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
CONANT CR CANAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
KEITH NYRBORG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BOOM CR CANAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SQUIRREL CR CANAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ORME	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	3	3	3
ENTERPRISE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BELL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FALL RIVER CANAL	20	20	19	18	18	18	18	18	18	19	20	19	18	18	16	16	18	20
CHESTER	19	19	17	15	15	15	15	16	16	16	16	17	18	18	18	18	18	18
SILKEY	12	12	7	2	2	3	3	4	4	4	3	26	48	48	50	50	50	49
CURR	5	5	5	6	6	6	6	6	6	6	6	8	10	10	25	40	31	33
TOTAL SQUIRREL TO CHESTER	57	57	49	42	42	44	44	51	51	49	47	72	96	96	111	127	120	123
LAST CHANCE	25	25	36	47	49	51	51	45	45	47	49	50	52	52	57	57	60	64
CROSSCUT AT HEAD	0	0	0	2	2	2	2	5	5	12	18	48	78	78	69	70	75	80
FARMERS FRIEND	68	68	66	65	52	38	38	48	48	43	38	38	38	38	33	33	65	76
TWIN GROVES	10	20	20	20	10	0	0	0	0	0	0	0	0	0	40	40	45	50
ST ANTHONY UNION FDR	371	371	374	376	368	362	362	369	369	371	373	378	382	382	453	453	461	469
SALEM UNION	65	65	66	61	58	56	56	59	59	59	60	62	63	63	66	66	64	61
TOTAL ASHTON TO ST ANTHONY	539	549	562	571	539	509	509	526	526	532	538	576	613	613	718	719	770	800
EGIN	218	218	207	196	192	189	189	182	182	196	210	216	223	223	248	248	252	256
ST ANTHONY UNION	100	100	94	89	89	90	90	94	94	92	90	91	92	92	98	98	100	105
INDEPENDENT	193	193	192	190	186	183	183	187	187	185	183	185	187	187	253	253	257	261
CONSOLIDATED FARMERS	20	20	20	20	20	20	20	20	20	38	55	58	61	61	69	69	75	81
CANYON CR CANAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CANYON CR LAT. USERS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL TETON R. ARV ST ANTHONY	531	531	513	495	487	482	482	483	483	511	538	550	563	563	668	668	684	703
MILFORD	0	0	0	0	6	11	11	11	12	12	12	13	13	15	15	15	16	8
GOOD LUCK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TETON IRRIGATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SIDOWAY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PIONEER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
STEWART	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PINCOCK-HYINGTON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TETON ISLAND FEEDER	30	28	25	25	2	2	2	2	2	2	2	3	3	3	3	3	3	3
NORTH SALEM	16	17	18	18	1	2	2	2	2	2	2	3	3	3	3	3	3	3
HOXANA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ISLAND WARD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SAUREY	3	3	3	3	3	4	4	4	4	3	3	3	3	3	3	3	3	3
MCCORMICK-HUMF	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PINCOCK-GARNER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HIGLER SLOUGH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WOODMANSEE-JOHNSON	5	5	5	5	4	2	2	2	2	3	3	3	3	3	3	3	3	3
CITY OF REXBURG	3	3	3	3	2	1	1	1	1	3	3	3	3	3	2	2	2	2
REXBURG IRRIGATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL TETON R. RLW ST ANTHONY	57	56	54	56	92	127	127	127	121	121	130	141	143	149	150	208	265	285

TABLE 55 (continued)

TOTAL DIVERSIONS IN CURIC FFFT PFP SECOND																	02/22/79
MONTH OF MAY																	02/22/79
NAME	19	20	21	22	23	24	25	26	27	28	29	30	31	CFS DAYS 1-15	CFS DAYS 16-31	TOTALS AC FT	
CONANT CR CANAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
KEIHH NYBORG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
BOUM CR CANAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SQUIRREL CR CANAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ORME	3	3	3	3	2	2	2	2	2	1	1	1	1	25	35	119	
ENTERPRISE	0	0	0	0	0	0	0	0	0	0	0	0	0	12	0	23	
BELL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
FALL RIVER CANAL	21	22	22	22	22	22	22	48	74	78	78	89	100	277	674	1886	
CHESTER	26	33	33	34	34	33	32	31	30	30	31	31	31	250	463	1414	
SILKEY	42	36	36	37	37	42	42	38	34	34	34	34	34	228	629	1699	
CURK	33	32	32	34	34	31	28	30	32	32	35	35	36	116	528	1277	
TOTAL SQUIRREL TO CHESTER	125	126	126	130	129	130	126	149	172	175	179	190	202	908	2329	6420	
LAST CHANCE	67	70	70	64	64	66	68	66	64	67	70	74	79	681	1070	3473	
CROSSCUT AT HEAD	81	82	82	120	123	137	152	144	136	150	165	169	175	321	1941	4486	
FARMERS FRIEND	79	82	82	104	104	100	96	102	117	118	119	135	151	719	1563	4526	
TWIN GROVES	58	65	65	70	70	90	109	122	136	136	136	151	166	120	1509	3231	
ST ANTHONY UNION FDR	472	476	476	497	497	502	508	549	590	592	595	586	578	5661	8301	27693	
SALEM UNION	63	65	79	93	93	96	100	136	173	173	173	173	174	918	1782	5355	
TOTAL ASHTON TO ST ANTHONY	820	840	854	948	951	991	1033	1119	1216	1236	1258	1288	1323	8420	16166	48766	
EGIN	258	260	260	329	329	341	353	350	348	377	406	417	428	3089	5212	16465	
ST ANTHONY UNION	51	0	0	132	132	125	118	124	130	131	132	130	128	1395	1636	6011	
INDEPENDENT	261	265	265	267	267	269	271	314	357	352	348	342	337	2874	4686	14995	
CONSOLIDATED FARMERS	112	144	144	156	156	154	151	148	146	150	154	200	247	522	2287	5571	
CANYON CR CANAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
CANYON CR LAT. USERS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TOTAL TETON R. ARV ST ANTHONY	682	669	669	884	884	889	893	936	981	1010	1040	1089	1140	7880	13821	43043	
WILFORD	0	0	96	96	96	100	103	103	103	123	143	143	136	131	1281	2800	
GOOD LUCK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TETON IRRIGATION	0	0	0	0	0	0	0	0	0	18	36	36	38	0	128	253	
SIDDOWAY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
PIONEER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
STEWART	0	0	0	0	0	0	0	0	0	2	4	4	4	0	14	27	
PINCOCK-BYINGTON	3	3	2	2	2	2	2	2	2	2	2	2	2	28	37	128	
TETON ISLAND FEEDER	190	190	197	197	197	194	190	190	190	214	239	239	239	1051	3235	8501	
NORTH SALEM	17	17	16	16	16	15	14	14	14	14	14	14	14	259	244	997	
ROXANA	0	0	0	0	0	0	0	0	0	8	15	15	15	7	53	119	
ISLAND WARD	14	14	10	10	10	11	12	12	12	16	20	20	23	52	226	551	
SAUREY	0	0	0	0	0	2	4	4	4	5	6	6	6	42	37	156	
MCCORMICK-RUWE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
PINCOCK-GARNER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
HIGLER SLOUGH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
WOODMANSEE-JOHNSON	0	0	0	0	0	0	0	0	0	2	4	4	4	45	14	117	
CITY OF REXBURG	3	3	3	3	3	3	4	4	4	4	2	0	0	36	38	146	
REXBURG IRRIGATION	80	80	51	51	51	54	57	57	57	150	243	243	236	0	1450	2876	
TOTAL TETON R. BLW ST ANTHONY	307	307	375	375	375	381	386	386	386	556	726	730	717	1651	6765	16693	

MONTH OF MAY

TABLE 56
TOTAL DIVERSECTIONS IN CUBIC FEET PER SECOND

RUN DATE 02/22/79

NAME	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
BUTTE & MARKET LAKE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BEAR TRAP	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	94	94	94
OSGOOD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
KENNEDY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GREAT WESTERN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BEAR ISLAND	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	97	194	194
IDAH0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PORTER	0	0	0	0	136	272	272	462	462	462	448	433	433	433	433	433	560	560
TOTAL LORENZO TO	0	0	0	0	0	5	10	10	10	10	78	147	147	147	147	147	140	140
ABV WILLOW CR	30	30	30	30	106	307	312	502	502	502	556	610	610	610	610	771	988	988
LOERTSHER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LOVETT'S PUMP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FERGUSON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LOVETT NO 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WALLACE REID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SARGENT & SUMNER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DORRICH PUMPS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
REED PUMPS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SPEER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ORVAL AVELEY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ROY AVELEY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
STUKEY PUMPS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ROY COOPER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PROGRESSIVE SAND CR	29	36	41	31	31	31	30	12	47	100	59	22	88	93	118	116	85	14
IDAH0 FR SAND CR	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35
PROGRESSIVE WILLOW CR	34	25	11	9	9	9	9	4	9	35	55	10	10	10	12	11	10	9
TOTAL WILLOW CREEK	98	96	87	75	75	75	74	51	91	170	149	67	133	138	165	162	130	58
WOODYVILLE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SNAKE RIVER VALLEY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL WILLOW CREEK	0	0	0	0	0	0	0	0	0	0	0	0	0	108	215	215	215	215
TO SHELLEY	0	0	0	0	0	0	0	0	0	0	0	0	0	108	215	215	215	215
RESERVATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BLACKFOOT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NEW LAVA SLIDE	0	0	0	123	123	123	123	166	166	166	166	112	182	223	265	340	409	476
PEOPLES	0	0	20	40	40	40	40	40	40	40	40	80	80	80	80	80	80	80
ANDERSEN	374	405	150	190	190	190	190	190	190	190	190	320	320	320	320	320	320	320
CORRETT	0	0	42	63	83	83	83	83	83	83	83	164	164	164	164	164	164	164
NELSON-HANSEN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WYVERN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DANERIN	0	0	28	57	57	57	57	57	57	57	57	136	136	136	136	136	136	136
TREUD	0	0	89	178	178	178	178	178	178	178	178	214	214	214	214	214	214	214
MEANYHICH	47	47	47	47	47	47	47	47	47	47	47	75	75	75	75	75	75	75
WATSON	36	36	36	36	36	36	36	36	36	36	36	52	52	52	52	52	52	52
PARDON	0	0	43	86	86	86	86	86	86	86	86	121	121	121	121	121	121	121
TOTAL SHELLEY	0	0	24	47	47	47	47	47	47	47	47	57	57	57	57	57	57	57
TO BLACKFOOT	457	488	555	1416	1385	1356	1355	1398	1398	1459	1576	2150	2307	2465	2538	2676	2787	2889

TABLE 56 (continued)

RUN DATE 02/22/79

MONTH OF MAY		TOTAL DIVERSIONS IN CUBIC FEET PER SECOND														TOTALS	
NAME	19	20	21	22	23	24	25	26	27	28	29	30	31	CFS DAYS 1-15	CFS DAYS 16-31	AC FT	AC FT
BUTTE & MARKET LAKE	0	48	95	118	130	135	147	144	144	135	200	239	263	0	1798	3566	
BEAR TRAP	94	94	94	94	94	94	94	94	94	94	94	94	94	450	1504	3875	0
OSGROD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	69	0
KENNEDY	0	0	0	0	0	0	5	5	5	5	5	5	5	0	35	6910	0
GREAT WESTERN	194	194	192	192	198	203	206	212	212	257	307	311	327	0	3484	6910	9
BEAR ISLAND	0	0	0	0	0	5	0	0	0	0	0	0	0	0	5	29411	0
IDAHO	560	560	560	571	644	744	718	708	693	683	736	889	983	4246	10582	29411	0
PORTER	140	140	140	140	140	173	173	173	173	212	250	250	250	711	2781	6926	0
TOTAL LORENZU TU ARV WILLOW CR	988	1036	1081	1115	1206	1334	1343	1330	1321	1386	1592	1788	1922	5407	20189	50769	0
LOERTSHER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LOVETTS PUMP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FERGUSON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LOVETT NO 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WALLACE REIU	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SARGENT & SUMNER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DORTCH PUMPS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
REED PUMPS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SPERRY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ORVAL AVERY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ROY AVERY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
STUREY PUMPS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ROY COOPER	0	0	0	0	0	0	0	0	0	0	0	0	0	768	215	1949	0
PROGRESSIVE SAND CR	0	0	0	0	0	0	0	0	0	0	0	0	0	525	560	2152	0
IDAHO FR SAND CR	35	35	35	35	35	35	35	35	35	35	35	35	35	251	719	1923	0
PROGRESSIVE WILLOW CR	9	22	34	36	35	37	44	43	52	73	81	105	118	0	0	0	0
TOTAL WILLOW CREEK	44	57	69	71	70	72	79	78	87	108	116	140	153	1544	1494	6025	0
WOODVILLE	0	30	61	61	61	61	61	61	61	61	61	60	60	0	699	1386	0
SNAKE RIVER VALLEY	215	236	330	342	388	390	420	440	478	517	555	641	653	323	6250	13037	0
TOTAL WILLOW CREEK TO SHELLEY	215	266	391	403	449	451	481	501	539	578	616	701	713	323	6949	14424	0
RESERVATION	395	330	329	326	325	326	325	320	316	311	354	528	621	838	6031	13624	0
BLACKFOOT	333	333	300	300	300	300	300	300	300	484	484	484	484	2238	5701	15747	0
NEW LAVA SIDE	80	80	73	73	73	73	73	73	82	92	92	92	89	660	1285	3857	0
PEOPLES	320	320	312	312	312	312	312	312	322	332	332	332	332	2990	5122	16090	0
ABERDEEN	826	791	791	798	833	854	854	854	861	882	939	1010	1050	7954	13814	43176	0
CORBETT	164	164	158	158	158	153	153	153	153	174	174	174	174	1362	2602	7862	0
NIELSON-HANSEN	0	0	12	12	12	12	12	12	12	8	8	8	8	0	116	230	0
RIVERSIDE	136	136	105	105	105	105	105	105	124	143	143	143	160	1028	2023	6051	0
DANSKIN	214	214	149	149	149	149	149	149	194	239	239	239	239	2369	3114	10875	0
TREGU	75	75	52	52	52	52	52	52	60	67	67	67	71	817	1019	3641	0
WEARYICK	52	52	66	66	66	66	66	66	66	63	63	63	63	604	974	3129	0
WATSON	121	121	100	100	100	100	100	100	100	97	97	97	97	1215	1693	5768	0
PARSONS	57	57	50	50	50	50	50	50	50	51	51	51	51	628	839	2909	0
TOTAL SHELLEY TO BLACKFOOT	2773	2673	2497	2501	2535	2552	2551	2546	2640	2943	3043	3288	3439	22703	44333	132965	0

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TABLE 57

MONTH OF MAY

TABLE 57
TOTAL DIVERGENCE IN CUBIC FEET PER SECOND
RUN DATE 02/22/79

NAME	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
FT HALL MICHAUD	0	0	0	0	0	0	0	0	0	0	0	0	0	81	120	120	120	40
FALLS IRRIGATION	0	0	18	25	25	17	0	19	35	34	34	34	61	61	61	61	52	45
TOTAL BLACKFOOT	0	0	18	25	25	17	0	19	35	34	34	34	61	142	181	181	172	85
TO NEBLEY																		
MINIDOKA NORTH SIDE	635	966	1040	1150	1180	1140	1090	1070	1040	1160	1180	1180	1180	1180	1210	1320	1300	1130
MINIDOKA SOUTH SIDE	276	320	370	483	515	509	506	504	599	746	814	814	810	826	927	982	931	917
TOTAL NEBLEY																		
TO MINIDOKA	1111	1286	1410	1633	1695	1649	1596	1574	1639	1906	1994	1994	1990	2006	2137	2302	2231	2047
MINIDOKA NORTH SIDE PM	35	51	60	65	66	64	64	68	86	100	108	127	142	142	160	175	165	166
P A LATERAL	16	16	17	33	33	33	33	41	44	44	55	57	57	57	57	57	57	57
MILNER LOW LIFT	0	0	0	25	25	25	25	50	50	138	212	212	212	212	212	212	212	230
A LATERAL	25	30	17	18	27	27	33	35	41	45	47	49	50	48	48	49	47	46
N S CROSSCUT	457	631	723	725	728	732	734	735	739	741	863	920	918	918	918	918	916	916
GOODING BLW NORTH SIDE	626	752	920	980	982	980	982	974	974	980	984	986	984	982	958	1040	1080	1070
TWIN FALLS NORTH SIDE	932	1020	1060	1130	1130	1200	1180	1200	1310	1370	1530	1530	1520	1560	1550	1540	1570	1670
TWIN FALLS SOUTH SIDE	1920	2120	2350	2770	2870	2520	2410	2500	2770	3030	3120	3180	3200	3160	3140	3400	3540	3480
TOTAL MINIDOKA	4011	4620	5147	5676	5861	5581	5486	5603	6102	6452	6919	7061	7083	7079	7043	7391	7587	7635
TO MILNER																		
FT HALL MICHAUD	0	0	0	0	0	0	0	0	0	0	0	0	0	201	475	475	1340	1340
FALLS IRRIGATION	0	0	0	36	42	42	52	52	52	52	52	70	70	424	678	678	2185	2185
TOTAL BLACKFOOT	0	0	0	36	42	42	52	52	52	52	52	148	147	625	1153	1153	3526	3526
TO NEBLEY																		
MINIDOKA NORTH SIDE	1030	1010	1000	1000	1060	1130	1140	1140	1110	1060	1160	1240	1310	16601	18140	18140	68908	68908
MINIDOKA SOUTH SIDE	891	891	894	894	897	897	897	900	904	904	907	904	927	9019	14537	14537	46723	46723
TOTAL NEBLEY																		
TO MINIDOKA	1921	1901	1894	1894	1957	2027	2037	2040	2014	1964	2067	2144	2237	25620	32677	32677	115632	115632
MINIDOKA NORTH SIDE PM	160	160	160	163	166	163	164	151	151	151	151	151	158	1382	2555	2555	7729	7729
P A LATERAL	57	59	59	59	59	47	47	54	54	54	54	54	55	593	883	883	2927	2927
MILNER LOW LIFT	230	230	230	262	262	262	262	262	262	262	262	262	262	1511	3964	3964	10859	10859
A LATERAL	46	50	46	48	46	46	46	47	47	47	48	47	49	540	755	755	2568	2568
N S CROSSCUT	916	916	916	916	914	914	914	914	918	918	914	909	905	11482	14634	14634	51801	51801
GOODING BLW NORTH SIDE	1080	1080	1160	1290	1320	1330	1320	1320	1320	1320	1320	1350	1360	14044	19760	19760	67050	67050
TWIN FALLS NORTH SIDE	1700	1740	1720	1790	1840	1840	1820	1810	1820	1810	1820	1830	1800	19152	28110	28110	93744	93744
TWIN FALLS SOUTH SIDE	3370	3250	3450	3330	3380	3360	3370	3400	3400	3380	3380	3410	3410	41060	54110	54110	188769	188769
TOTAL MINIDOKA	7559	7485	7541	7858	7967	7952	7943	7958	7972	7942	7949	8013	7999	89724	124771	124771	425450	425450
TO MILNER																		

MONTH OF JUNE

TABLE S8
TOTAL DIVERSIONS IN CURIC FFFT PER SECOND

RUN DATE 02/22/79

NAME	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
RILEY (ABOVE HEISE)	0	0	0	18	36	36	36	40	43	43	43	42	42	42	42	42	41	41
ANDERSON	299	299	299	364	430	430	430	458	486	486	482	482	477	479	472	470	469	470
EAGLE ROCK	569	598	625	625	628	628	694	753	751	751	746	746	749	749	746	744	744	746
FARMERS FRIEND	476	476	476	518	518	518	518	518	518	514	514	514	507	501	499	496	493	491
ENTERPRISE	213	213	213	257	257	257	257	257	257	256	256	254	267	274	269	272	271	271
BUTLER ISLAND	44	44	45	56	68	69	69	71	71	71	62	52	52	52	52	52	52	52
ROSS AND RAND	0	0	0	7	7	7	7	7	7	6	5	5	5	5	5	5	6	6
STEELE	15	15	14	13	13	13	11	11	11	11	17	17	17	17	17	14	12	12
HARRISON	686	686	686	677	677	677	660	660	748	748	748	752	757	757	757	757	754	754
CHENEY	8	8	9	9	9	9	9	9	9	9	8	8	8	8	8	8	9	9
RUDY	123	123	104	104	104	104	104	104	129	129	129	129	131	131	131	129	127	141
LOWDER & JENNING	100	100	98	98	98	97	96	96	96	96	94	94	94	94	94	94	92	92
BOOMER	237	237	256	256	256	240	224	224	224	282	282	282	287	298	281	269	256	236
KITE & MURD	0	0	11	11	11	11	10	10	10	10	10	10	10	10	10	10	21	21
BURGESS	1030	1030	1040	1040	1040	1040	1050	1050	1050	1050	1050	1050	1050	1050	1040	1040	1060	1060
CLARK & EDWARDS	118	118	100	100	100	100	100	100	100	96	96	96	96	96	96	96	107	107
EAST LABELLE	170	164	164	165	165	165	165	165	165	169	169	169	169	169	169	169	166	166
RIGBY	286	286	286	280	280	280	280	280	280	279	279	279	279	279	283	287	287	271
DILTS	45	45	45	43	43	43	43	43	43	42	42	42	42	42	42	42	42	42
ISLAND	227	227	227	248	248	248	248	248	248	236	236	236	236	236	232	232	236	241
W LABELLE & LONG I	654	654	654	664	664	664	664	664	664	645	645	645	645	645	634	622	622	600
PARKS & LEWISVILLE	378	378	378	480	480	480	480	480	480	465	465	465	465	465	468	471	471	429
NORTH RIGBY	75	75	75	58	58	58	58	58	58	58	73	73	73	73	75	77	77	79
BRAMWELL	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	15	15
ELLIS	10	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NELSON	7	7	7	3	3	3	3	3	3	6	8	8	8	8	8	8	8	8
MATTSON-CRAIG	16	16	16	22	22	22	22	26	30	30	30	28	28	28	28	28	22	22
SUNNYDELL	198	198	198	177	177	177	177	177	177	180	182	182	182	182	219	219	206	206
ARNESBERGER	0	1	2	0	4	5	2	4	4	8	8	8	8	8	8	4	4	8
LENROOT	165	165	165	211	211	211	211	211	211	202	194	194	194	194	218	218	245	245
REID	252	252	252	231	231	231	231	231	231	242	252	252	252	252	258	258	268	268
TEXAS & LIBERTY PK	301	301	301	370	370	370	370	370	370	348	327	327	327	327	332	332	320	320
HANNOCK JIM	14	14	14	15	15	15	15	15	15	19	23	23	23	23	23	23	20	20
HILL PETTINGER	4	4	4	12	12	12	12	12	12	12	12	12	12	12	12	12	6	6
NELSON CUREY	9	9	9	14	14	14	14	14	14	10	6	6	6	6	6	6	11	11
TOTAL HEISE	6736	6760	6780	7108	7256	7241	7277	7376	7522	7564	7500	7494	7505	7591	7541	7513	7540	7466
TO LORENZO																		
DEWEY (ABV FALLS R.)	22	23	24	26	29	29	28	28	27	27	27	26	27	28	28	27	26	26
YELLOWSTONE	0	0	0	0	0	0	0	0	0	0	0	16	16	16	16	16	16	16
MARYSVILLE	0	0	34	67	67	67	67	67	67	67	112	112	112	112	157	157	157	157
TOTAL FALLS RIVER																		
ABV SQUIPPEL	22	23	58	93	96	96	95	95	94	94	139	154	155	156	201	200	199	199

TABLE 58 (continued)
MONTH OF JUNE

MONTH OF JUNE				TOTAL DIVERSIONS IN CUBIC FEET PER SECOND																	RUN DATE		02/22/79	
NAME	19	20	21	22	23	24	25	26	27	28	29	30	31	CFS DAYS 1-15	CFS DAYS 16-31	TOTALS AC FT								
RILEY (ABOVE HEISE)	41	41	41	41	41	41	41	30	30	29	29	28	0	463	557	2023								
ANDERSON	469	522	574	566	579	590	590	579	489	458	462	462	0	6373	7749	28010								
EAGLE ROCK	744	746	746	749	751	753	753	756	758	760	762	765	0	10358	11275	42909								
FARMERS FRIEND	489	500	510	514	516	516	512	512	478	463	477	491	0	7585	7458	29837								
ENTERPRISE	272	275	278	278	285	285	274	265	250	248	248	256	0	3723	4028	15374								
BUTLER ISLAND	52	52	52	52	52	52	52	52	52	52	51	50	0	878	777	3282								
ROSS AND RAND	6	6	6	6	6	6	6	6	6	6	6	5	0	73	88	319								
STEELE	12	11	11	11	12	12	12	12	12	12	12	12	0	212	179	775								
HARRISON	754	748	742	745	751	751	651	651	644	637	674	715	0	10676	10728	42454								
CHENEY	9	9	9	9	8	8	9	9	9	9	9	10	0	128	133	517								
RUDY	144	141	129	110	111	109	103	102	94	86	84	82	0	1779	1692	6884								
LOWDER & JENNING	92	91	90	90	91	91	88	88	88	88	86	84	0	1445	1345	5533								
BOOMER	239	242	244	259	246	254	246	232	217	272	282	310	0	15213	3804	15213								
KITE & MORD	21	21	20	20	21	21	17	17	17	16	14	13	0	134	270	801								
BURGESS	1060	1040	1020	1020	1020	1020	1020	1020	994	967	998	1030	0	15660	15369	61546								
CLARK & EDWARDS	107	107	106	108	109	109	108	108	111	114	114	113	0	1516	1624	6228								
EAST LABELLE	166	166	167	167	167	167	143	143	130	118	126	133	0	2497	2294	9502								
RIGBY	271	266	261	260	259	259	269	269	242	216	229	242	0	4217	3888	16076								
DILTS	42	41	40	40	40	40	40	40	40	39	39	40	0	646	607	2485								
ISLAND	241	238	235	178	120	120	194	194	196	197	196	194	0	3593	3012	13101								
W LABELLE & LONG I	600	582	565	562	560	560	560	560	562	565	586	609	0	9824	8715	36777								
PARKS & LEWISVILLE	429	444	458	448	437	437	368	368	369	370	404	439	0	6822	6342	26110								
NORTH RIGBY	79	78	76	75	74	74	73	73	74	75	72	69	0	998	1125	4210								
BRAMELL	15	15	14	14	14	11	11	11	11	11	8	8	0	105	180	565								
ELDIS	0	0	0	0	0	0	0	0	0	0	0	0	0	20	50	138								
NELSON	8	4	0	0	0	0	8	8	8	8	9	9	0	85	86	339								
MATTSON-CRAIG	22	22	22	18	15	15	14	14	14	14	12	9	0	364	263	1243								
SUNNYDELL	206	202	197	198	200	200	198	198	202	205	210	216	0	2820	3063	11666								
ARNESBERGER	4	3	4	4	4	8	8	8	8	8	8	8	0	65	91	309								
LEMKOOT	245	245	245	243	241	241	238	238	210	181	181	191	0	2981	3397	12650								
REID	268	258	249	256	263	263	227	227	224	222	236	249	0	3656	3736	14662								
TEXAS & LIBERTY PK	320	308	296	314	332	332	362	362	352	343	375	307	0	5116	4925	19916								
BAWNOCK JIM	20	26	31	27	23	23	25	25	25	25	21	17	0	266	351	1223								
HILL PETTINGER	6	3	0	0	0	0	0	0	2	5	11	17	0	156	68	444								
NELSON CUKEY	11	6	1	6	10	10	10	10	10	9	9	9	0	151	129	555								
TOTAL HEISE	7464	7459	7439	7388	7363	7386	7240	7197	6938	6833	6990	7182	0	109251	109398	433690								
TD LORENZU													0											
DEWEY (ABV FALLS H.)	25	25	26	29	29	29	29	29	29	28	28	28	0	399	413	1610								
YELLOWSTONE	16	16	16	16	16	16	16	16	19	19	19	19	0	64	252	626								
MARSHVILLE	193	193	193	193	193	193	193	193	217	217	217	217	0	1108	2883	7916								
TOTAL FALLS RIVER													0											
ABV SOUTHERN	234	234	235	238	238	238	238	238	265	264	264	264	0	1571	3548	10153								

TABLE 60
TOTAL DIMENSIONS IN CUBIC FEET PER SECOND

NAME

RUN DATE 02/22/79

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
313	337	337	321	335	360	361	390	402	44	152	381	394	394	388	404	402	404
94	94	94	94	94	94	94	94	71	71	71	71	71	71	71	71	71	71
87	87	87	89	91	93	94	94	95	95	95	95	95	96	96	96	96	96
5	5	26	26	26	26	26	26	26	26	21	21	21	21	21	21	16	16
392	430	426	432	461	511	531	535	533	541	541	529	531	531	529	521	523	531
0	0	0	0	0	0	0	0	0	0	2	2	2	2	2	8	6	6
1050	1100	1070	972	990	1030	1080	1160	1150	1170	1170	1210	1210	1240	1260	1330	1280	1160
250	250	327	327	327	327	327	327	327	327	322	322	322	322	322	312	312	310
2191	2303	2367	2261	2324	2441	2513	2626	2604	2276	2374	2591	2646	2677	2689	2758	2639	2504
2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1
3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2
12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
133	144	145	139	141	137	138	135	144	149	140	142	141	142	140	139	146	165
232	243	244	238	240	236	237	234	243	248	239	241	237	238	236	234	241	260
60	60	60	71	71	71	71	71	71	71	78	78	78	78	78	78	80	83
669	667	693	711	713	725	751	815	842	842	737	765	771	757	796	757	761	759
729	727	753	782	784	796	822	886	913	913	815	843	849	835	874	835	841	842
658	648	646	608	556	544	557	539	535	560	564	618	614	577	586	606	563	519
484	484	484	505	526	526	526	526	526	526	486	486	486	486	489	492	492	492
89	89	89	152	152	152	152	152	152	152	155	155	155	155	152	150	150	141
332	332	332	364	364	364	364	364	364	364	396	396	396	396	392	387	387	366
1130	1170	1190	1180	1180	1180	1180	1180	1180	1190	1190	1170	1150	1150	1170	1190	1210	1190
174	174	174	181	181	181	181	181	181	181	256	256	256	256	251	246	246	184
0	8	8	10	10	10	10	10	10	10	12	12	12	12	12	12	12	11
160	160	160	150	150	150	150	150	150	150	130	130	130	130	130	129	129	118
239	239	239	242	242	242	242	242	242	242	252	252	252	252	246	241	241	233
71	71	71	70	70	70	70	70	70	70	70	70	70	71	73	75	70	65
63	63	63	66	66	66	66	66	66	66	66	66	66	66	64	62	63	64
97	97	97	111	111	111	111	111	111	111	133	133	133	133	140	148	148	140
60	60	60	60	60	60	60	60	60	60	59	59	59	59	59	58	58	56
3557	3595	3613	3699	3668	3656	3668	3650	3646	3641	3769	3803	3779	3743	3764	3796	3769	3579
TOTAL SHELLEY TO BLACKFOOT																	

TABLE 60 (continued)

MONTH OF JUNE													TOTAL DIVERGIONS IN CUBIC FEET PER SECOND													RUN DATE 02/22/79		
NAME	19	20	21	22	23	24	25	26	27	28	29	30	31	CFS DAYS 1-15	CFS DAYS 16-31	TOTALS AC FT												
BUTTE & MARKET LAKE	404	414	412	390	406	372	338	325	327	320	306	296	0	4909	5520	20685												
BEAR TRAP	71	71	71	71	71	71	71	71	71	71	71	71	0	1249	1065	4589												
OSGOOD	74	80	84	89	91	55	8	76	91	91	91	93	0	1389	1054	4845												
KENNEDY	16	21	21	19	19	19	24	24	23	22	26	21	0	323	303	1241												
GREAT WESTERN	529	531	533	535	532	536	542	533	529	529	525	524	0	7453	7953	30557												
BEAR ISLAND	6	2	2	3	5	18	18	18	18	10	10	6	0	12	136	293												
IDAHO	1110	1150	1210	1190	1180	1040	983	1070	1140	1120	1140	1170	0	16822	17273	67627												
POKTER	306	308	310	314	323	323	323	317	310	302	297	293	0	4726	4660	18617												
TOTAL LORENZO TO ABY WILLOW CR	2516	2577	2643	2611	2627	2434	2307	2434	2509	2465	2466	2474	0	36883	37964	148459												
LOERTSHER	1	1	1	1	1	1	1	1	1	1	1	1	0	30	15	89												
LOVELTS PUMP	2	2	2	2	2	2	2	2	2	2	2	2	0	42	30	142												
FERGUSON	12	12	12	12	12	12	12	12	12	12	12	12	0	180	180	714												
LOVETT NO 2	1	1	1	1	1	1	1	2	2	2	2	2	0	15	21	71												
MALACE REID	2	2	2	2	2	2	2	2	2	2	2	2	0	30	30	119												
SARGENT & SUMNER	11	11	11	11	11	11	11	11	11	11	11	11	0	165	165	654												
DORTCH PUMPS	2	2	2	2	2	2	2	2	2	2	2	2	0	30	30	119												
REED PUMPS	3	3	3	3	3	3	3	3	3	3	3	3	0	45	45	178												
SPEKRY	2	2	2	2	2	2	2	2	2	2	2	2	0	30	30	119												
ORVAL AVERY	6	6	6	6	6	6	6	6	6	6	6	6	0	102	90	380												
ROY AVERY	12	12	12	12	12	12	12	12	12	12	12	12	0	180	180	714												
STUKY PUMPS	3	3	3	3	3	3	3	3	3	3	3	3	0	45	45	178												
ROY COOPER	8	8	8	8	8	8	8	8	8	8	8	8	0	132	120	499												
PROGRESSIVE SAND CR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
IDAHO FR SAND CR	30	30	30	30	30	30	30	30	30	30	30	30	0	404	2039	4044												
PROGRESSIVE WILLOW CR	151	147	168	166	166	168	169	163	147	144	142	141	0	2110	2322	8790												
TOTAL WILLOW CREEK	246	242	263	261	261	263	264	258	454	850	842	847	0	3586	5786	18589												
WOODVILLE	83	83	83	83	83	83	85	84	83	85	87	87	0	1067	1250	4595												
SNAKE RIVER VALLEY	751	737	739	753	705	715	715	637	663	726	723	741	0	11254	10882	43906												
TOTAL WILLOW CREEK TO SHELLEY	834	820	822	836	788	798	800	721	746	811	810	828	0	12321	12132	48502												
RESERVATION	474	438	414	410	410	416	416	417	416	409	402	462	0	8810	6772	30906												
BLACKFOOT	492	474	470	470	468	470	464	438	442	440	440	440	0	7546	6984	28820												
NEW LAVA SIDE	141	138	141	146	148	131	121	109	118	135	138	133	0	2103	2040	8217												
PEOPLES	366	366	366	366	371	378	380	359	318	309	382	388	0	5520	5489	21836												
ABERDEEN	1170	1150	1130	1130	1130	1110	1110	1070	1060	1070	1100	1140	0	17590	16960	68529												
CORRETT	184	186	186	178	170	171	173	171	168	166	164	162	0	3064	2755	11541												
NIELSON-HANSEN	11	11	12	12	13	13	15	15	15	15	14	12	0	146	193	672												
RIVERSIDE	118	108	99	116	132	135	128	121	104	87	108	129	0	2180	1761	7816												
DANSKIN	233	230	228	228	228	228	228	236	235	234	232	230	0	3665	3485	14182												
TREGO	60	59	57	58	59	60	61	62	59	56	64	71	0	1053	936	3945												
WEAVERICK	64	60	57	57	57	58	60	61	61	61	60	60	0	979	905	3736												
WATSON	140	132	125	124	122	122	121	121	121	122	125	124	0	1740	1939	7297												
PARSONS	56	57	58	58	58	59	62	64	64	67	65	63	0	895	905	3570												
TOTAL SHELLEY TO BLACKFOOT	3509	3409	3343	3353	3366	3351	3339	3244	3183	3171	3244	3418	0	55291	51124	211074												

TABLE 61

MONTH OF JUNE

TOTAL DIVERSIONS IN CUBIC FEET PEP SECOND

RUN DATE 02/22/79

NAME	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
FT HALL MICHAUD	114	117	145	117	113	113	112	111	111	110	110	176	164	166	166	166	166	166
FALLS IRRIGATION	70	93	68	68	84	84	84	84	84	94	94	98	102	114	114	114	94	94
TOTAL BLACKFOOT																		
TO NEELEY	184	210	213	185	197	197	196	195	205	204	204	274	266	280	280	280	260	260
MINIDOKA NORTHSIDE	1380	1400	1330	1160	1030	941	943	1030	1180	1260	1270	1280	1280	1280	1240	1140	1140	1130
MINIDOKA SOUTHSIDE	1030	1080	1080	1080	1070	1060	1070	1070	1080	1090	1090	1090	1100	1100	1100	1100	1100	1100
TOTAL NEELEY																		
TO MINIDOKA	2410	2480	2410	2240	2100	2001	2013	2100	2260	2350	2360	2370	2380	2380	2340	2240	2240	2230
MINIDOKA NORTHSIDE PM	158	158	155	155	132	131	130	125	136	147	147	160	165	167	166	159	160	161
P A LATERAL	55	55	56	56	56	56	56	58	58	58	55	55	55	47	47	50	56	56
MILNER LOW LIFT	262	236	236	236	218	218	218	218	218	218	218	218	218	218	218	218	218	218
A LATERAL	51	51	53	50	50	50	50	50	49	50	50	52	53	54	54	54	53	53
N S CROSSCUT	900	896	907	905	900	898	896	894	891	889	889	887	889	889	889	891	889	889
GOODING BLW NORTHSIDE	1370	1370	1380	1380	1380	1380	1390	1390	1400	1400	1400	1400	1410	1410	1410	1410	1410	1420
TWIN FALLS NORTHSIDE	1890	1930	1920	1920	1930	1920	1890	1890	2010	2050	2080	2090	2080	2060	2060	2070	2060	2080
TWIN FALLS SOUTHSIDE	3430	3410	3380	3380	3310	3230	3230	3250	3270	3290	3280	3250	3220	3200	3210	3210	3200	3160
TOTAL MINIDOKA																		
TO MILNER	8116	8106	8087	8082	7976	7883	7860	7875	8032	8102	8119	8112	8090	8045	8084	8062	8046	8017
FT HALL MICHAUD	162	162	163	163	163	161	162	159	162	163	163	162	0	1945	2443	2443	8703	8703
FALLS IRRIGATION	128	133	130	130	130	130	130	130	132	132	132	148	0	1345	1887	1887	6410	6410
TOTAL BLACKFOOT																		
TO NEELEY	290	295	293	293	293	291	292	289	294	295	295	310	0	3290	4330	4330	15114	15114
MINIDOKA NORTHSIDE	1100	1100	1130	1230	1350	1430	1490	1580	1640	1650	1690	1720	0	18004	20520	20520	76412	76412
MINIDOKA SOUTHSIDE	1090	1090	1090	1220	1330	1370	1370	1370	1360	1350	1350	1360	0	16190	18650	18650	69105	69105
TOTAL NEELEY																		
TO MINIDOKA	2190	2190	2220	2450	2680	2800	2860	2950	3000	3000	3040	3080	0	34194	39170	39170	145517	145517
MINIDOKA NORTHSIDE PM	167	162	171	198	216	212	213	228	233	241	257	271	0	2232	3055	3055	10486	10486
P A LATERAL	56	56	52	52	50	50	52	52	55	64	67	71	0	823	839	839	3296	3296
MILNER LOW LIFT	218	218	218	218	218	218	218	218	218	244	288	288	0	3368	3436	3436	13495	13495
A LATERAL	53	53	53	53	51	52	53	52	53	54	55	59	0	767	801	801	3110	3110
N S CROSSCUT	889	889	889	880	870	848	812	812	826	838	850	851	0	13419	12923	12923	52249	52249
GOODING BLW NORTHSIDE	1420	1430	1420	1400	1370	1400	1420	1420	1420	1430	1420	1460	0	20870	21250	21250	83545	83545
TWIN FALLS NORTHSIDE	2060	2070	2060	2050	2100	2160	2320	2300	2260	2230	2270	2270	0	22750	32300	32300	123076	123076
TWIN FALLS SOUTHSIDE	3170	3160	3140	3210	3250	3250	3290	3300	3350	3300	3340	3420	0	49340	48750	48750	194561	194561
TOTAL MINIDOKA																		
TO MILNER	8033	8038	8009	8061	8125	8190	8378	8382	8415	8401	8507	8690	0	120569	123354	123354	483821	483821

MONTH OF JULY

TABLE 62
TOTAL DIVERSIONS IN CUBIC FEET PER SECOND

RUN DATE 02/22/79

NAME	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
RILEY (ABOVE HEISE)	28	27	26	26	25	33	33	33	33	33	33	33	33	33	34	35	36	36
ANDERSON	459	441	414	445	503	499	470	455	441	459	512	530	508	468	491	506	508	503
EAGLE ROCK	760	733	628	667	716	689	682	673	675	742	850	857	808	783	788	802	811	808
FARMERS FRIEND	483	475	468	493	518	520	522	528	535	542	546	550	513	476	501	526	552	546
ENTERPRISE	258	253	252	262	262	261	256	250	246	258	261	261	271	268	265	262	265	266
BUTLER ISLAND	50	55	60	61	60	60	59	59	63	63	63	62	62	64	64	63	63	63
ROSS AND RAND	5	5	6	6	6	3	7	7	7	7	7	7	7	7	7	8	8	7
STEELE	12	12	12	12	11	13	15	15	11	11	11	11	11	11	11	12	12	12
HARRISON	733	739	745	742	742	739	739	754	760	757	757	775	772	778	775	760	772	784
CHENEY	9	0	0	9	9	9	9	9	7	7	8	10	9	9	9	10	10	10
RUDY	93	93	89	87	88	91	90	107	115	104	108	119	120	129	138	137	140	137
LOWDER & JENNING	84	83	83	83	82	81	80	80	76	76	76	77	78	80	80	79	79	78
BOOMER	289	282	259	229	212	217	217	208	246	254	259	274	272	274	264	266	305	315
KITE & MORD	13	13	13	13	13	13	14	14	13	13	15	17	17	17	17	17	17	22
BURGESS	1030	1040	1040	1050	1040	1030	1020	1020	1020	1020	1040	1060	1080	1100	1100	1070	1070	1040
CLARK & EDWARDS	113	110	110	110	110	114	118	118	116	126	130	134	135	136	136	131	131	132
EAST LABELLE	113	149	149	149	149	135	121	121	115	115	120	126	128	131	131	149	149	143
RIGBY	242	267	267	270	272	266	259	259	268	268	274	281	278	276	276	244	244	244
DILTS	40	40	40	40	40	40	41	41	43	43	43	44	44	45	45	44	44	44
ISLAND	194	196	196	196	196	212	229	229	228	228	231	234	235	235	236	246	246	242
M LABELLE & LONG I	609	614	614	616	618	604	591	591	578	578	578	578	594	609	609	627	627	627
PARKS & LEWISVILLE	439	382	382	383	384	408	433	433	433	433	454	475	490	504	504	423	423	422
NORTH RIGBY	69	65	65	70	76	73	70	70	68	68	65	62	69	76	76	76	76	78
BRAMMELL	8	8	8	8	6	4	4	4	6	6	6	6	5	5	5	11	11	11
ELLIS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NELSON	9	7	7	8	9	4	0	0	0	0	0	0	0	0	0	0	0	0
MATSON-CRAIG	9	25	25	22	19	19	20	20	19	19	18	16	20	23	23	24	24	24
SUNNYDELL	216	200	200	197	194	201	208	208	222	222	230	238	242	247	247	240	240	232
ARNESBERGER	8	8	4	3	8	8	8	8	8	8	8	8	8	8	8	8	8	8
LENROOT	181	154	154	150	147	154	160	160	245	245	242	239	226	214	214	174	174	182
REID	249	225	225	234	242	234	225	225	256	256	252	247	270	270	270	238	238	203
TEXAS & LIBERTY PK	307	271	271	286	302	288	274	274	319	319	316	312	343	343	343	341	341	310
HANNOCK JIM	17	24	24	22	19	21	23	23	26	26	18	9	20	20	20	28	28	26
HILL PETTINGER	17	6	6	6	7	14	20	20	8	8	13	18	7	7	7	7	7	10
NELSON CUREY	9	9	9	7	5	5	5	5	5	5	8	12	14	14	14	15	15	14
TOTAL HEISE	7175	7012	6851	6962	7084	7062	7022	7021	7221	7319	7554	7686	7696	7668	7715	7588	7683	7588
TO LORENZO																		
DEWEY (ABV FALLS R.)	28	28	28	27	27	24	26	26	26	25	25	24	24	25	24	24	24	26
YELLOWSTONE	19	17	15	17	16	19	18	17	15	13	16	12	11	10	11	12	14	14
MARYSVILLE	217	210	203	201	213	209	216	215	206	197	196	199	198	193	206	209	212	218
TOTAL FALLS RIVER																		
ABV SQUIRREL	264	255	246	245	256	252	260	258	247	235	237	235	233	228	241	245	250	258

TABLE 62 (continued)

MONTH OF JULY		TOTAL DIVERSIONS IN CUBIC FEET PER SECOND														RUN DATE 02/22/79	
NAME		19	20	21	22	23	24	25	26	27	28	29	30	31	CFS DAYS 1-15	CFS DAYS 16-31	TOTALS AC FT
RILEY (ABOVE HEISE)		36	36	36	35	35	34	34	33	33	33	34	33	33	463	552	2013
ANDERSON		500	497	483	438	403	392	391	391	391	395	400	392	379	7095	6969	27895
EAGLE ROCK		808	808	799	784	737	700	689	774	838	845	818	786	716	11051	12523	41759
FARMERS FRIEND		548	436	432	465	453	485	484	480	482	485	400	472	451	7670	7697	31480
ENTERPRISE		262	248	248	242	233	235	230	231	220	222	237	235	230	3884	3866	11372
BUTLER ISLAND		62	78	79	56	55	55	54	52	52	56	58	35	34	905	915	3609
ROSS AND HAND		7	8	8	7	6	6	6	6	6	6	6	6	1	179	107	388
STEELE		16	16	16	16	12	12	12	12	12	12	12	12	1	179	173	698
HARRISON		784	787	766	692	686	683	680	704	757	751	724	718	715	11307	11763	45759
CHENEY		10	10	8	8	8	8	7	6	7	10	9	9	9	113	139	499
RUDY		138	140	134	134	127	123	122	118	108	108	114	113	111	1571	2004	7091
LOWDER & JENNING		78	80	73	72	70	68	68	64	60	69	73	68	68	1199	1147	4653
BOOMER		307	307	320	307	292	287	284	236	232	232	229	227	249	3756	4375	16127
KITE & NORD		21	16	17	0	0	0	6	6	5	9	9	9	9	215	163	749
BURGESS		1030	1040	1000	1050	1040	1040	1040	1020	1010	1040	1050	1020	1000	15690	16560	63967
CLARK & EDWARDS		134	129	92	93	94	94	94	110	110	115	117	115	108	1826	1812	7215
EAST LAURELLE		142	143	115	114	110	107	106	105	99	137	137	140	116	1972	2012	7902
RIGBY		238	238	225	211	205	212	198	204	210	216	197	197	191	4023	3474	14870
DILTS		44	44	38	37	35	37	34	31	29	40	42	34	30	629	607	2351
ISLAND		239	235	246	241	238	238	227	223	208	248	256	214	211	3276	3758	13951
W LABELLE & LONG I		632	632	632	521	547	551	543	447	513	547	560	500	504	8981	9010	35685
PARKS & LEWISVILLE		420	431	435	435	386	382	378	400	390	416	420	356	356	6537	6473	25805
NORTH RIGBY		80	80	82	79	54	54	52	58	55	60	62	64	64	1042	1074	4197
BRANWELL		12	12	12	12	12	12	10	8	10	12	12	13	13	89	184	541
ELLIS		5	10	11	12	12	12	10	8	4	0	0	0	0	0	84	166
NELSON		9	9	9	8	7	5	5	5	4	4	4	4	5	71	105	349
MATTSON-CRAIG		18	18	18	18	18	17	17	16	17	16	17	17	16	297	295	1174
SUNNYDELL		224	199	190	195	188	180	175	166	241	243	240	196	191	3272	3340	13114
ARNBERGER		6	8	8	8	8	8	8	8	8	8	8	8	0	111	120	458
LENROOT		190	197	176	159	125	117	113	148	200	193	161	130	122	2885	2561	10802
REID		168	148	144	148	148	148	152	164	152	150	150	150	150	3880	2651	12557
TEXAS & LIBERTY PK		280	280	274	265	252	308	312	282	283	283	283	286	282	4568	4662	18307
BANNOCK JIM		24	28	28	26	27	20	14	12	12	10	20	27	24	312	354	1321
HILL PETTINGER		14	15	15	7	0	7	7	6	6	6	7	8	7	164	129	581
NELSON CUREY		12	12	12	10	10	9	14	13	14	14	14	14	2	126	183	612
TOTAL HEISE		7500	7375	7181	6906	6633	6645	6572	6548	6782	6993	6866	6579	6402	109048	111841	438133
TO LORENZO																	
DEWEY (ABV FALLS R.)		26	25	25	25	25	25	24	21	20	24	24	24	24	387	386	1533
YELLOWSTONE		13	13	16	16	16	15	14	15	16	16	12	15	14	226	231	906
MARYSVILLE		216	223	218	219	212	206	202	189	189	150	123	157	157	3079	3100	12256
TOTAL FALLS RIVER		255	261	259	260	253	246	240	225	275	190	159	196	195	3692	3717	14695
ABV SOUTRREL																	

MONTH OF JULY

TABLE 63
TOTAL DIVERSIONS IN CUBIC FEET PER SECOND

RUN DATE 02/22/79

NAME	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
CUNAWT CR CANAL	31	31	31	31	31	29	31	31	24	31	31	24	24	24	29	29	29	29
KEITH NYBURG	5	5	5	5	5	0	0	0	0	0	0	0	0	0	0	5	5	5
ROOM CP CANAL	9	10	10	10	10	10	10	10	10	10	10	10	10	9	10	10	10	10
SQUIRREL CR CANAL	27	28	30	30	32	27	25	25	26	26	25	23	23	24	25	24	23	20
ORME	4	4	4	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3
ENTERPRISE	111	110	108	106	104	102	100	98	96	94	101	101	101	97	111	111	106	106
HELL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FALL RIVER CANAL	208	204	200	192	192	185	180	180	180	174	174	192	192	190	189	188	173	173
CHESTER	90	86	83	57	53	76	73	72	72	71	68	71	68	65	64	64	63	53
SILKEY	29	28	27	27	25	22	22	21	18	14	15	14	14	21	21	20	19	16
CURR	42	41	40	41	41	38	6	25	25	24	23	56	36	34	34	42	51	42
TOTAL SQUIRREL TO CHESTER	556	547	538	503	497	492	450	465	454	453	449	501	471	467	487	497	502	457
LAST CHANCE	82	82	82	82	82	83	83	83	83	83	83	80	80	80	80	80	80	80
CROSSCUT AT HEAD	215	210	207	206	209	200	193	190	191	191	185	187	192	189	190	189	187	178
FARMERS FRIEND	151	135	119	118	117	110	112	112	113	114	114	112	115	114	120	120	120	116
TWIN GROVES	113	103	96	95	95	96	96	96	105	114	113	113	113	113	114	114	114	122
ST ANTHONY UNION FDR	455	454	453	448	448	439	448	453	452	451	446	444	444	506	516	412	407	520
SALEM UNION	211	207	203	201	181	178	178	178	174	170	168	167	196	204	221	224	236	229
TOTAL ASHTON TO ST ANTHONY	1227	1191	1160	1150	1132	1106	1110	1112	1118	1123	1109	1103	1140	1206	1241	1143	1144	1245
EGIN	298	290	282	258	276	264	252	244	249	254	258	290	286	286	300	304	309	300
ST ANTHONY UNION	95	92	90	89	87	90	82	79	80	81	74	74	73	67	68	68	67	68
INDEPENDENT	201	200	198	196	195	193	190	188	189	190	188	187	187	185	240	250	261	247
CONSOLIDATED FARMERS	269	261	253	249	253	249	251	247	219	222	217	217	215	204	199	205	211	210
CANYON CR CANAL	71	71	71	71	76	76	76	76	76	63	65	55	50	47	44	42	40	40
CANYON CR LAT. USEPS	20	20	20	0	0	0	20	20	20	20	20	20	20	20	20	20	20	20
TOTAL TETON R. ABV ST ANTHONY	954	934	914	863	887	872	871	854	833	830	822	843	831	809	871	889	908	885
WILFORD	188	192	188	171	174	128	128	134	141	125	168	181	179	178	177	176	175	174
GOOD LUCK	0	0	0	0	0	0	0	0	0	0	0	0	4	6	0	7	7	0
TETON IRRIGATION	125	139	119	117	117	111	105	119	130	106	109	106	117	112	128	143	112	116
STIDDOWAY	8	8	8	8	8	8	8	8	4	8	8	8	8	8	8	8	8	8
PIONEER	0	9	18	17	17	0	6	3	7	7	7	7	7	2	3	4	0	0
STEWARD	11	36	7	7	6	6	0	3	6	6	8	6	7	7	7	6	6	5
PINCOCK-HYINGTON	10	16	16	16	16	14	19	16	13	14	15	14	14	14	13	12	11	11
TETON ISLAND FEEDER	469	464	460	452	460	422	484	471	458	458	445	435	441	430	432	435	428	430
NORTH SALEM	7	7	13	11	11	9	9	9	10	8	6	6	7	7	7	6	6	6
ROXANA	18	23	22	21	22	24	20	22	23	19	19	20	19	20	20	19	19	19
ISLAND WAHD	30	24	24	24	23	19	19	22	24	18	34	36	32	37	37	37	51	51
SAUREY	12	12	12	12	12	12	11	11	12	10	11	10	10	10	10	11	11	11
MCCORMICK-ROWE	0	0	0	0	0	0	0	0	10	20	20	20	2	2	2	2	2	2
PINCOCK-GARNER	11	12	12	11	11	11	10	10	11	10	10	10	10	8	8	8	7	8
BIGLER SLOUGH	12	11	17	17	14	12	11	16	21	19	22	22	23	3	6	10	9	9
WOODMANSEE-JOHNSON	11	18	20	12	12	24	22	18	14	19	22	18	18	22	24	27	26	25
CITY OF REXBURG	24	30	30	30	30	30	20	25	30	30	18	18	19	23	27	31	31	31
REXBURG IRRIGATION	251	220	220	164	185	217	229	228	227	217	215	229	229	232	228	225	227	225
TOTAL TETON R. BLW ST ANTHONY	1187	1221	1158	1090	1122	1047	1101	1129	1151	1097	1135	1150	1140	1121	1134	1163	1136	1131

TABLE 63 (continued)
MONTH OF JULY

RUN DATE 02/22/79

TOTAL DIVERSIONS IN CUBIC FEET PER SECOND

NAME	19	20	21	22	23	24	25	26	27	28	29	30	31	CFS DAYS 1-15	CFS DAYS 16-31	TOTALS AC FT
CUNANT CR CANAL	36	36	31	33	32	32	32	31	32	32	32	21	21	433	488	1826
KEITH NYBURG	5	5	0	0	0	0	0	0	0	0	0	0	0	25	25	99
BOOM CR CANAL	10	11	11	11	10	10	10	10	10	10	10	9	9	148	161	612
SQUIRREL CR CANAL	19	28	28	28	25	22	21	19	17	15	21	13	12	396	335	1449
ORME	3	3	3	3	3	3	3	3	3	3	3	3	3	50	48	194
ENTERPRISE	108	108	102	104	102	101	99	100	98	102	109	100	92	1540	1653	6333
BELL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FALL RIVER CANAL	174	169	181	181	176	171	169	159	158	166	181	172	164	2845	2771	11139
CHESTER	53	51	41	40	38	37	36	34	62	69	78	74	70	1069	863	3832
SILKEY	16	15	13	13	13	13	12	12	20	19	21	22	20	318	272	1170
CURR	43	43	41	43	32	40	38	35	32	35	42	39	36	506	634	2261
TOTAL SQUIRREL TO CHESTER	467	469	451	456	431	428	420	411	431	453	498	452	427	7330	7250	28919
LAST CHANCE	80	80	79	79	79	74	79	83	83	83	91	91	91	1228	1317	5048
CROSSCUT AT HEAD	179	176	173	172	173	173	174	286	287	425	241	337	432	2955	3782	13362
FARMERS FRIEND	120	117	104	95	100	106	102	104	92	96	92	84	75	1776	1643	6781
TWIN GROVES	122	124	124	117	118	120	120	120	123	125	129	120	110	1575	1922	6936
ST ANTHONY UNION FDR	499	481	472	465	474	483	483	472	485	473	414	410	405	6857	7305	28090
SALEM UNION	236	233	185	156	163	170	168	167	168	186	197	170	143	2837	3035	11647
TOTAL ASHTON TO ST ANTHONY	1236	1211	1137	1084	1107	1131	1126	1232	1238	1338	1164	1212	1256	17228	19004	71866
EGIN	309	300	309	303	286	298	309	311	292	286	214	246	244	4087	4620	17270
ST ANTHONY UNION	79	68	65	58	67	79	78	76	76	76	84	81	81	1221	1171	4744
INDEPENDENT	257	214	208	199	195	218	220	213	220	229	185	180	180	2927	3476	12700
CONSOLIDATED FARMERS	247	246	206	222	192	206	211	215	215	215	194	191	187	3525	3373	13682
CANYON CR CANAL	40	39	37	38	30	26	2	24	24	24	24	20	15	988	465	2882
CANYON CR LAT. USERS	20	20	20	20	20	20	20	20	20	20	20	20	0	240	300	1071
TOTAL TETON R. ABV ST ANTHONY	952	887	845	840	790	847	840	859	847	850	721	738	707	12988	13405	52350
WILFORD	192	181	192	188	185	181	181	128	143	148	155	147	143	2432	2689	10157
GOOD LUCK	0	0	0	0	0	0	0	0	0	0	0	0	0	10	14	47
TETON IRRIGATION	115	116	113	142	136	106	104	111	112	102	139	140	105	1760	1912	7283
SIDDOWAY	8	8	8	8	8	8	8	8	8	8	8	8	8	116	128	483
PIONEER	0	6	6	6	5	5	6	14	6	6	5	5	5	119	75	384
STEWART	5	5	6	6	5	4	4	5	3	4	3	2	3	115	73	372
PINCOCK-BYINGTON	8	16	15	13	12	10	10	8	8	8	10	10	8	221	170	775
TETON ISLAND FEEDER	399	372	353	334	315	304	294	363	359	336	433	443	363	6781	5961	25273
NORTH SALEM	6	6	7	8	10	8	8	7	7	7	7	6	6	127	111	472
ROXANA	17	17	20	18	16	15	15	12	12	11	14	16	15	312	255	1124
ISLAND WARD	49	49	34	31	13	20	20	17	17	9	9	17	17	402	441	1672
SAUREY	11	10	10	9	10	11	11	12	11	13	16	16	17	167	190	708
MCCURMICK-RUMF	2	2	2	2	2	2	2	2	2	2	2	2	2	96	32	253
PINCOCK-GARNER	7	6	6	5	4	4	4	4	3	3	3	2	2	155	75	456
HIGLER SLOUGH	30	4	4	3	5	5	13	2	2	1	2	2	2	221	103	642
WOODMANSEE-JOHNSON	12	13	15	8	14	11	8	7	3	5	5	7	6	274	192	924
CITY OF REAHURG	30	31	25	25	25	25	12	11	12	12	10	8	8	384	333	1422
REAHURG IRRIGATION	210	210	210	203	199	203	203	166	166	166	199	220	188	3291	3239	12952
TOTAL TETON R. BLW ST ANTHONY	1101	1052	1032	1009	963	922	905	877	874	874	1040	1019	895	16983	15993	65407

MONTH OF JULY

TABLE 64
TOTAL DIVERSIONS IN CUBIC FEET PER SECOND

RUN DATE 02/22/79

NAME	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
BUTTE & MARKET LAKE	291	291	291	296	296	288	289	301	289	304	312	312	332	353	348	352	345	355
BEAR TRAP	71	71	71	77	77	77	77	77	77	77	77	77	77	77	77	77	77	77
OSGOOD	53	9	82	91	89	89	84	52	8	81	94	95	96	95	53	8	76	93
KENNEDY	19	24	24	22	24	14	21	21	17	17	17	16	16	14	14	19	19	28
GREAT WESTERN	530	534	528	524	528	542	536	544	546	534	532	532	546	542	538	540	538	531
BEAR ISLAND	6	8	8	4	3	9	15	15	13	13	13	8	8	5	5	6	6	5
IDAHO	1160	1090	1080	1160	1260	1240	1300	1330	1290	1260	1260	1390	1500	1490	1500	1440	1470	1480
PORTER	291	284	280	274	274	278	268	263	264	261	270	276	291	302	297	310	322	303
TOTAL LORENZO TU ABV WILLOW CR	2421	2311	2364	2448	2551	2531	2590	2603	2504	2547	2575	2707	2866	2878	2832	2752	2853	2872
LOERTSHER	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	0	0
LOVETT'S PUMP	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
FERGUSON	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
LOVETT NO 2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
WALLACE REID	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
SARGENT & SUMMER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DOITCH PUMPS	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
REED PUMPS	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
SPEERY	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
ORVAL AVERY	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
ROY AVERY	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
STUKEY PUMPS	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
ROY COOPER	100	100	100	100	100	100	100	100	100	100	650	650	650	650	650	630	630	625
PROGRESSIVE SAND CR	25	25	25	25	25	25	25	25	25	25	25	25	30	25	25	25	25	25
IDAHO FR SAND CR	50	50	50	50	50	50	50	50	50	50	150	150	130	120	120	110	110	105
PROGRESSIVE WILLOW CR	230	230	230	230	230	230	230	230	230	230	903	903	891	868	868	839	837	827
TOTAL WILLOW CREEK	87	85	83	87	90	91	88	84	97	97	97	97	97	100	102	100	104	102
WOODVILLE	753	751	741	731	729	777	802	787	777	781	802	812	812	830	828	838	796	809
SNAKE RIVER VALLEY	840	836	824	818	819	868	890	871	874	878	899	909	909	930	930	938	900	911
TOTAL WILLOW CREEK	540	553	568	572	564	551	571	565	544	571	585	585	577	584	581	578	578	565
RESERVATION	440	444	444	438	431	448	464	464	460	460	454	448	435	424	424	440	440	464
BLACKFOOT	128	131	134	135	140	146	146	146	128	140	151	151	158	166	166	179	179	163
NEW LAVA SIDE	388	364	364	366	368	382	396	396	384	384	390	396	403	410	410	449	449	430
PEOPLES	1170	1190	1190	1190	1190	1190	1180	1190	1190	1200	1250	1250	1250	1220	1250	1260	1130	826
ABERDEEN	162	163	163	161	159	165	171	171	156	156	139	122	135	148	148	230	230	233
CORRETT	12	10	10	8	7	8	9	9	6	6	4	3	3	3	3	4	4	13
NIELSON-HANSEN	129	127	127	130	131	136	138	138	138	138	140	143	144	145	145	161	161	162
RIVERSIDE	230	229	229	227	225	218	212	212	208	208	224	241	242	244	244	259	259	267
DANSMIN	71	67	67	70	72	70	69	69	57	57	64	70	72	73	73	95	95	101
TREGO	61	61	61	68	74	74	74	72	71	70	73	76	83	61	63	65	67	71
WEAVER	128	130	130	131	132	131	130	130	132	132	132	131	131	131	131	139	139	139
WATSON	63	60	60	58	56	57	58	58	59	59	61	63	67	71	71	71	71	71
PARSONS	3522	3529	3547	3553	3546	3570	3618	3620	3533	3569	3656	3679	3700	3680	3709	3930	3802	3505
TOTAL SHELLEY																		
TO BLACKFOOT																		

TABLE 64 (continued)

TOTAL DIVERSIONS IN CUBIC FEET PER SECOND													RUN DATE		02/22/79	
NAME	19	20	21	22	23	24	25	26	27	28	29	30	31	CFS DAYS 1-15	CFS DAYS 16-31	TOTALS AC FT
BUTTE & MARKET LAKE	367	370	370	365	364	372	381	385	372	364	333	301	284	4593	5680	20376
BEAR TRAP	77	77	77	28	28	28	28	28	28	28	28	28	28	1137	742	3726
OSGOOD	93	78	86	65	22	77	96	96	96	96	57	7	64	11071	1110	4326
KENNEDY	10	3	21	21	14	14	16	17	17	17	17	19	19	281	271	1094
GREAT WESTERN	533	561	569	555	555	553	555	546	560	576	582	590	570	8036	8914	33620
BEAR ISLAND	3	5	2	2	6	6	3	0	3	2	2	8	8	133	67	396
IDAHU	1480	1480	1400	1240	1180	1260	1400	1420	1360	1290	1250	1230	1210	19310	21590	81125
PORIER	302	306	310	302	302	289	270	263	259	270	301	325	325	4173	4759	17716
TOTAL LORENZO TO AHV WILLOW CR	2865	2880	2845	2578	2471	2594	2749	2755	2695	2643	2570	2506	2508	38734	43133	162383
LOERTSHER	3	2	3	0	0	2	2	2	3	2	2	2	2	30	27	113
LOVETTS PUMP	2	3	3	2	2	2	2	3	3	2	2	2	2	41	36	152
FERGUSON	13	6	6	12	12	12	12	12	12	12	12	12	12	170	181	696
LOVETT NO 2	1	2	2	1	1	1	1	2	2	1	1	1	1	36	20	111
WALLACE REID	2	2	2	2	2	2	2	2	2	2	2	2	2	30	32	122
SARGENT & SUMMER	11	7	8	11	11	11	6	12	12	0	0	0	0	165	122	569
DORTCH PUMPS	3	3	3	0	0	0	0	1	1	2	2	2	2	7	28	69
REED PUMPS	3	2	2	3	3	3	3	3	3	3	3	3	3	48	46	186
SPEERY	2	2	2	2	2	2	0	2	2	2	2	2	2	31	30	120
ORVAL AVERY	8	5	5	7	7	7	7	7	7	7	7	5	6	105	106	418
ROY AVERY	15	12	12	13	13	13	13	18	18	12	12	12	12	140	229	731
STUKEY PUMPS	3	3	3	3	3	3	3	3	3	3	3	3	3	45	48	184
ROY COOPER	8	8	8	0	0	8	8	8	8	8	8	8	8	85	112	390
PROGRESSIVE SAND CR	650	625	625	620	620	625	625	620	620	130	130	630	630	4250	9035	26350
IDAHU FR SAND CR	0	0	0	0	0	0	0	0	0	25	25	25	25	380	175	1100
PROGRESSIVE WILLOW CR	110	110	110	-130	130	130	130	130	130	130	130	130	130	1170	1955	6198
TOTAL WILLOW CREEK	834	792	794	806	806	821	814	825	826	341	341	839	840	6733	12182	37517
WOUNDVILLE	104	106	106	27	20	80	81	83	87	91	97	100	99	1382	1387	5492
SNAKE RIVER VALLEY	816	798	759	743	715	721	759	776	800	809	825	785	749	11713	12498	48022
TOTAL WILLOW CREEK TO SHELLEY	920	904	865	770	735	801	840	859	887	900	922	885	848	13095	13885	53514
RESERVATION	558	557	614	672	648	614	571	578	591	588	609	586	565	8511	9472	35669
BLACKFOOT	464	366	359	362	365	362	365	365	356	365	364	362	365	6678	6164	25472
NEW LAVA SIDE	164	166	160	145	141	114	136	155	156	162	148	134	134	2131	2336	9058
PEOPLES	434	439	444	440	437	434	384	378	384	378	374	371	378	5801	6603	24603
ABERDEEN	1040	1250	1260	1240	1230	1250	1260	1260	1270	1250	1250	1250	1230	18100	19256	74095
CORBEIT	230	238	220	204	187	186	153	150	138	101	184	268	270	2319	3222	10990
NIELSON-HANSEN	8	6	8	6	6	6	4	8	6	6	8	9	10	101	112	422
RIVERSIDE	147	115	132	142	128	119	146	144	148	148	148	114	114	2051	2229	8489
DANSKIN	247	196	202	202	193	195	201	197	197	191	204	217	223	3393	3450	13573
TREGO	90	65	65	65	65	70	71	78	81	77	76	76	77	1021	1247	4498
WEARYRICK	71	70	63	62	61	61	59	63	60	57	66	76	76	1042	1048	4145
WATSON	140	127	128	128	128	125	120	121	120	120	132	143	143	1962	2092	8041
PARSONS	67	66	58	57	53	55	55	54	65	61	61	62	58	921	985	3780
TOTAL SHELLEY TO BLACKFOOT	3660	3661	3713	3725	3642	3591	3525	3551	3572	3504	3624	3668	3643	54031	58316	222840

MONTH OF JULY

TOTAL DIVERSEMENTS IN CUBIC FEET PER SECOND

RUN DATE 02/22/79

TABLE 65

NAME	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
FT HALL, MICHAUD FALLS IRRIGATION TOTAL BLACKFOOT TO NEELY	86 148 234	167 148 315	167 131 298	171 132 303	168 132 300	182 132 314	176 149 325	177 149 326	177 149 326	170 146 316	172 149 321	172 149 321	170 150 320	174 150 324	174 150 324	174 150 324	173 151 324	172 151 323
MINIDOKA NORTHSTIDE MINIDOKA SOUTHSTIDE TOTAL NEELY TO MINIDOKA	1740 1360 3100	1740 1370 3110	1730 1380 3110	1660 1400 3060	1610 1420 3030	1610 1410 3020	1610 1410 3020	1580 1410 2990	1550 1410 2960	1550 1410 2960	1570 1400 2970	1610 1400 3010	1630 1400 3030	1640 1400 3040	1600 1390 2990	1470 1380 2850	1400 1360 2760	1480 1370 2850
MINIDOKA NORTHSTIDE PM P A LATERAL MLNER LOW LIFT A LATERAL N S CROSSCUT GOUDING BLW NORTHSTIDE TWIN FALLS NORTHSTIDE TWIN FALLS SOUTHSTIDE TOTAL MINIDOKA TO MLNER	270 71 269 60 864 1510 2230 3460	270 71 269 60 864 1510 2230 3470	270 72 0 60 864 1570 2400 3480	263 72 153 61 861 1570 2410 3490	249 73 218 61 954 1560 2440 3470	248 73 243 61 1000 1500 2590 3090	252 74 243 60 1000 1560 2610 2410	249 74 243 59 1000 1550 2620 2400	247 74 243 59 1000 1550 2620 2720	246 74 259 60 1000 1550 2610 3530	248 75 268 60 1000 1540 2610 3740	260 75 268 60 1000 1530 2620 3770	259 76 276 60 999 1530 2620 3780	259 76 293 60 999 1520 2630 3760	255 77 293 60 999 1480 2650 3730	253 77 293 61 941 1500 2740 3770	252 77 293 61 920 1520 2780 3780	242 77 293 60 920 1520 2780 3770
FT HALL, MICHAUD FALLS IRRIGATION TOTAL BLACKFOOT TO NEELY	171 152 323	172 152 324	172 153 325	172 134 306	172 134 306	173 135 308	172 124 296	171 137 308	172 131 303	172 131 303	172 106 278	172 106 278	172 107 279	2503 2164 4667	2503 2164 4667	2754 2154 4908	10427 8564 18992	10427 8564 18992
MINIDOKA NORTHSTIDE MINIDOKA SOUTHSTIDE TOTAL NEELY TO MINIDOKA	1500 1370 2870	1530 1350 2880	1510 1330 2840	1390 1300 2690	1310 1270 2580	1450 1230 2680	1470 1220 2690	1430 1250 2680	1460 1250 2710	1380 1210 2590	1180 1140 2320	1130 1090 2220	1260 1060 2320	24430 20970 45400	24430 20970 45400	22350 20180 42530	92788 81621 174409	92788 81621 174409
MINIDOKA NORTHSTIDE PM P A LATERAL MLNER LOW LIFT A LATERAL N S CROSSCUT GOUDING BLW NORTHSTIDE TWIN FALLS NORTHSTIDE TWIN FALLS SOUTHSTIDE TOTAL MINIDOKA TO MLNER	234 77 293 61 919 1510 2760 3780	245 77 293 60 919 1510 2760 3770	244 75 293 60 908 1510 2740 3770	247 74 269 60 902 1500 2720 3760	247 73 269 60 897 1500 2710 3760	240 73 269 60 890 1500 2710 3720	240 73 269 60 882 1500 2700 3670	239 73 253 60 873 1500 2700 3670	231 72 253 60 867 1490 2670 3720	231 72 253 60 861 1480 2670 3720	230 70 235 61 856 1480 2660 3720	229 65 229 61 852 1480 2650 3720	223 65 229 62 840 1480 2650 3690	3845 1107 3540 901 14399 23190 38130 50300	3845 1107 3540 901 14399 23190 38130 50300	3831 1170 4286 967 14320 23950 43310 59750	15225 4516 15522 3705 56964 93502 161536 218284	15225 4516 15522 3705 56964 93502 161536 218284

MONTH OF AUGUST

TABLE 66

TOTAL DIVERSIONS IN CURIC FEET PER SECOND

RUN DATE 02/22/79

NAME	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
RILEY (ABOVE HEISEL)	32	32	31	31	31	32	32	32	32	30	29	33	33	30	29	26	25	25
ANDERSON	368	360	351	351	349	346	344	343	342	340	339	333	331	330	320	298	284	284
EAGLE ROCK	645	575	555	555	557	617	606	625	628	628	609	592	588	473	422	363	290	286
FARMERS FRIEND	466	73	440	455	472	472	451	442	442	436	434	434	415	390	335	306	235	236
ENTERPRISE	230	219	223	233	231	215	194	190	181	181	186	184	184	187	182	167	143	141
BUTLER ISLAND	32	33	39	39	40	38	34	38	46	45	36	36	36	32	30	29	36	36
ROSS AND HAND	6	6	6	6	6	0	0	0	0	0	0	0	0	0	0	0	5	6
STEELE	1	0	0	0	0	0	0	0	16	15	15	15	15	14	13	11	11	11
HARRISON	709	706	712	733	733	724	689	672	666	634	628	614	588	514	478	484	492	429
CHENEY	8	8	8	8	8	8	8	8	9	8	8	8	8	8	5	6	6	6
RUDY	111	111	116	115	115	129	131	142	136	125	128	127	127	101	103	104	119	123
LOWDER & JENNING	66	66	54	54	54	54	56	56	58	54	56	56	66	63	59	55	68	54
ROOPER	242	217	220	244	232	232	239	242	249	244	269	266	229	246	276	269	236	180
KITE & NORD	9	8	8	8	8	8	8	8	8	7	8	7	7	7	6	6	8	11
HURGESS	1000	1020	1000	1010	1010	1000	1010	1000	1000	972	954	954	940	871	871	894	908	898
CLARK & EDWARDS	108	108	107	105	102	103	100	102	100	94	96	79	77	76	72	57	57	62
EAST LABELLE	113	99	73	79	101	64	66	67	82	78	78	106	121	113	110	106	109	119
RIGBY	190	192	206	204	191	184	204	209	194	194	161	161	161	160	165	162	170	160
DILTS	19	39	34	27	27	28	27	33	34	30	29	29	18	24	13	30	34	28
ISLAND	210	232	215	213	213	213	213	210	208	197	200	199	199	182	175	155	175	190
W LABELLE & LONG I	479	484	484	522	522	530	530	534	534	522	513	522	517	517	459	384	415	431
PARKS & LEWISVILLE	372	380	380	372	372	372	352	352	352	340	322	374	342	330	314	300	328	320
NORTH RIGBY	61	61	52	51	54	54	54	55	53	51	44	44	44	44	42	39	40	42
BRANWELL	12	12	12	13	13	13	13	13	14	13	12	12	12	2	1	0	2	3
ELLIS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	9
NELSON	5	5	4	5	4	4	5	5	5	5	5	5	5	4	6	2	4	4
MATTSON-CRAIG	16	22	22	22	22	22	20	0	0	12	12	12	12	12	11	11	11	11
SUNNYDELL	183	188	174	31	170	206	206	211	211	213	213	144	145	150	129	116	114	112
ARNBERGER	0	0	0	0	4	8	7	6	8	8	8	8	7	4	8	8	8	8
LENROOT	115	122	104	116	148	104	102	135	138	148	149	154	154	136	137	127	120	83
REID	152	152	150	178	150	162	205	200	216	198	198	194	200	154	146	144	122	181
TEXAS & LIBERTY PK	286	280	282	288	290	288	301	301	284	283	278	274	270	265	260	250	240	250
BANNOCK JIM	19	15	15	13	14	16	16	13	8	10	16	18	16	21	20	16	16	15
HILL PETTINGER	15	7	7	7	7	2	6	6	14	15	8	0	0	0	0	0	0	13
NELSON CUREY	3	11	11	10	11	11	10	10	10	10	11	13	15	14	17	15	12	11
TOTAL HEISEL	6283	5843	6095	6093	6261	6259	6223	6277	6278	6140	6052	6004	5869	5474	5214	4940	4847	4778
TO LORENZO																		
DEWEY (ABV FALLS R.)	24	25	25	25	25	26	23	26	26	26	25	18	22	25	25	26	26	26
YELLOWSTONE	14	13	11	10	11	11	11	13	13	14	15	14	8	3	6	6	7	3
MARYSVILLE	157	157	168	168	166	166	167	168	168	164	170	171	122	74	128	128	107	104
TOTAL FALLS RIVER																		
ABV SQUIPPEL	195	195	204	203	202	203	201	207	207	204	210	203	152	102	159	160	140	133

TABLE 66 (continued)
MONTH OF AUGUST TOTAL DIVERSIONS IN CUBIC FEET PER SECOND RUN DATE 02/22/79

NAME	19	20	21	22	23	24	25	26	27	28	29	30	31	CFS DAYS 1-15	CFS DAYS 16-31	TOTALS AC FT
RILEY (ABOVE HEISE)	21	16	15	15	19	19	20	20	20	20	20	20	20	463	321	1555
ANDERSON	258	252	225	231	247	248	248	245	245	245	245	246	249	5147	4050	18242
EAGLE ROCK	278	271	238	214	215	238	315	315	315	315	388	429	431	8675	4901	26927
FARMERS FRIEND	224	233	235	246	246	265	306	306	306	306	338	336	367	6157	4488	21114
ENTERPRISE	118	112	104	104	111	172	169	168	169	192	190	194	194	3020	2450	10849
BUTLER ISLAND	33	32	31	31	31	34	35	35	35	36	38	40	40	558	552	2201
ROSS AND HAND	5	5	5	5	5	0	0	0	0	0	0	0	0	30	36	130
STEELE	13	12	12	13	10	16	15	15	15	15	15	16	16	120	223	680
HARRISON	448	385	390	438	440	448	448	432	419	443	449	449	449	9800	7043	33408
CHENEY	8	8	8	6	7	7	9	9	9	10	11	11	11	119	132	497
RUDY	89	87	84	83	84	102	111	110	111	98	94	93	67	1817	1563	6704
LOWDER & JENNING	50	51	49	48	49	51	52	70	68	70	72	71	70	872	948	3609
BOUMER	158	152	150	154	152	152	158	156	150	180	192	212	246	3647	2897	12980
KITE & MORD	9	0	0	0	0	0	0	0	0	0	0	0	0	115	34	295
BURGESS	810	801	774	708	744	774	779	779	903	917	940	935	963	14612	13527	55813
CLARK & EDWARDS	66	63	63	60	61	63	63	62	69	68	69	67	81	1429	1031	4879
EAST LABELLE	83	86	85	83	110	119	94	94	93	93	95	127	127	1350	1623	5896
RIGBY	139	139	139	136	139	136	134	120	115	115	96	120	132	2776	2152	9774
DILTS	24	24	22	21	12	16	16	18	16	36	38	24	24	404	383	1561
ISLAND	176	179	166	164	166	179	179	182	178	164	169	176	173	3081	2771	11607
W LABELLE & LONG I	492	492	471	471	471	500	500	492	496	376	396	504	504	7669	7395	29879
PARKS & LEWISVILLE	328	328	310	334	330	366	366	360	360	360	372	324	322	5326	5408	21290
NORTH RIGBY	38	38	39	36	37	39	40	40	40	40	40	41	40	764	629	2763
BRAMMELL	3	1	1	1	0	0	1	1	0	0	0	0	0	157	13	337
ELLIS	9	0	0	2	3	2	0	0	0	0	0	0	0	0	29	57
NELSON	0	0	0	6	5	5	4	4	4	5	5	5	5	72	57	255
MATTISON-CRAIG	10	10	10	10	10	10	10	10	10	10	20	19	19	197	191	769
SUNNYDELL	104	102	150	146	122	109	108	103	100	111	108	104	105	2574	1814	8703
ARNESBERGER	8	8	8	8	8	8	8	8	0	0	0	8	8	76	104	357
LENROOT	76	76	74	84	91	86	83	83	83	83	102	105	105	1962	1461	6789
REID	168	166	124	121	141	122	119	122	119	119	119	98	105	2655	2090	9411
TEXAS & LIBERTY PK	226	222	168	185	179	179	163	166	156	156	139	116	125	4230	2898	14138
BAWOCK JIM	5	7	1	0	3	3	1	1	0	0	0	1	10	230	79	612
HILL PETTINGFR	6	0	6	0	0	0	0	0	0	6	5	5	5	94	46	277
NELSON COREY	9	10	6	7	9	9	8	8	8	5	8	11	0	167	136	601
TOTAL HEISE	4492	4378	4163	4130	4273	4477	4562	4534	4612	4598	4775	4903	5013	90365	73475	324976
TO LORENZO																
DEWEY (ABV FALLS R.)	26	26	25	24	24	23	21	23	20	18	17	17	17	366	359	1438
YELLOWSTONE	3	3	3	3	3	3	3	3	3	3	3	3	3	167	55	440
MARYSVILLE	102	101	100	100	99	74	72	72	72	72	72	72	72	2314	1419	7404
TOTAL FALLS RIVER																
ABV SOUTHERN	131	130	128	127	126	100	96	98	95	93	92	92	92	2847	1833	9282

TABLE 67

MONTH OF AUGUST

TOTAL DIVERSIONS IN CUBIC FEET PER SECOND

RUN DATE 02/22/79

NAME	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
CONANT CR CANAL	21	21	27	27	27	29	29	29	29	29	29	29	21	21	21	21	21	21
KEITH NYBURG	5	5	5	5	5	0	0	0	0	0	0	0	5	5	5	5	5	0
ROOM CR CANAL	8	8	10	8	8	8	7	7	7	7	7	7	8	10	8	7	9	9
SQUIRREL CR CANAL	12	11	16	17	17	16	15	14	13	13	12	12	18	23	16	15	26	18
ORME	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	2	2	2
ENTERPRISE	84	77	84	76	90	91	91	91	93	92	94	93	93	90	86	78	78	77
HELL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FALL RIVER CANAL	178	178	173	170	169	165	161	163	164	160	161	160	172	185	168	188	170	164
CHESTER	70	69	64	63	64	63	62	62	63	62	62	61	72	84	74	80	100	88
SILKEY	20	20	18	18	19	19	18	18	18	18	18	15	11	7	10	10	7	6
CURR	35	34	32	32	32	32	31	32	32	31	31	31	36	40	35	38	48	44
TOTAL SQUIRREL TO CHESTER	435	425	431	418	432	424	415	417	420	413	415	409	437	466	424	444	466	429
LAST CHANCE	94	94	97	97	97	94	94	94	94	94	94	92	95	98	98	98	88	79
CROSSCUT AT HEAD	421	343	341	343	409	411	416	406	429	449	448	444	452	461	347	341	351	342
FARMERS FRIEND	71	69	69	67	64	62	64	76	75	75	71	73	73	72	60	50	58	54
TWIN GROVES	100	99	103	103	100	99	99	97	113	113	110	110	98	96	93	95	93	93
ST ANTHONY UNION FOR SALEM UNION	437	442	492	488	488	489	490	490	481	478	478	446	434	423	373	378	252	247
SALEM UNION	142	194	193	193	173	174	175	174	172	168	167	167	132	106	104	94	95	80
TOTAL ASHTON TO ST ANTHONY	1265	1241	1295	1291	1331	1329	1338	1337	1364	1377	1368	1332	1284	1256	1075	1056	937	895
EGIN	286	248	274	268	274	288	270	268	278	292	298	244	194	210	231	248	194	201
ST ANTHONY UNION	76	82	76	74	73	71	70	67	67	60	60	73	79	87	70	73	58	55
INDEPENDENT	177	214	218	222	220	216	216	216	214	210	216	220	236	220	188	191	105	105
CONSOLIDATED FARMERS	188	188	188	188	188	188	188	188	185	210	239	242	233	199	188	191	154	130
CANYON CR CANAL	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
CANYON CR LAT. USERS	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
TOTAL TETON R. ARV ST ANTHONY	762	767	791	787	790	798	779	776	779	807	848	814	777	751	712	738	546	526
WILFORD	143	139	136	136	135	134	131	130	126	125	123	127	127	126	127	123	123	121
GOOD LUCK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TETON IRRIGATION	105	102	94	95	108	125	96	104	99	95	127	133	119	105	89	82	83	88
SIDDOWAY	8	8	8	8	4	4	4	4	4	4	4	4	4	4	4	4	4	4
PIONEER	3	3	2	2	2	2	3	5	4	4	5	0	0	0	0	2	3	3
STEWART	3	3	4	4	4	3	4	3	3	2	2	3	3	4	3	2	1	1
PINCUCOCK-BYINGTON	7	6	6	6	6	7	7	7	7	7	7	8	9	10	8	9	8	8
TETON ISLAND FEEDER	349	298	276	266	271	276	282	262	239	246	246	254	308	361	231	228	226	201
NORTH SALEM	4	4	4	4	4	6	6	3	2	1	0	0	0	0	0	0	0	0
ROXANA	15	14	14	12	10	8	8	9	9	9	9	10	10	11	12	11	11	12
ISLAND WARD	17	17	34	26	20	15	15	24	24	24	33	33	33	32	36	6	6	6
SAUREY	17	15	15	14	14	13	13	12	13	12	13	16	19	22	26	25	25	28
MCCORMICK-RUMF	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
PINCOCOCK-GARNER	2	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
BIGLER SLOUGH	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
WOODMANSEE-JOHNSON	6	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
CITY OF REXBURG	14	14	8	8	13	18	18	17	17	17	16	16	15	14	14	16	16	14
REXBURG IRRIGATION	168	179	199	196	200	203	205	199	196	199	152	138	144	150	150	154	148	158
TOTAL TETON R. BLW ST ANTHONY	865	813	811	788	816	849	809	793	758	761	751	760	804	857	718	673	669	658

TABLE 67 (continued)
MONTH OF AUGUST

MONTH OF AUGUST										TOTAL DIVERSTIONS IN CURRIC FEET PER SECOND																RUN DATE		02/22/79		
NAME										19	20	21	22	23	24	25	26	27	28	29	30	31	CFS DAYS		CFS DAYS		TOTALS			
																										1-15		16-31		AC FT
CONANT CR CANAL										21	21	21	21	17	17	17	17	17	17	17	17	17	17	17	17	389	300	1366		
KEITH NYBURG										0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	99	10	99		
BOUM CR CANAL										7	8	9	9	9	8	0	0	0	0	0	0	0	0	0	0	118	75	658		
SQUIRREL CR CANAL										12	10	9	9	6	5	0	0	0	0	0	0	0	0	0	0	225	107	658		
ORME										2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	19	42	120			
ENTREPRISE										75	77	75	78	80	80	80	102	52	3	3	3	3	3	3	3	1325	1017	4645		
BELL										0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
FALL RIVER CANAL										160	160	160	161	161	161	163	163	164	166	164	166	164	166	161	2527	2632	10232			
CHESTER										84	82	80	80	80	79	78	77	79	81	80	79	74	995	1301	4554	995	1301	4554		
SILKEY										7	11	11	17	16	16	15	15	17	17	17	16	15	247	212	910	212	910			
CURR										43	43	43	43	43	43	43	44	46	47	44	45	42	496	699	2370	699	2370			
TOTAL SQUIRREL TO CHESTER										411	414	410	418	415	412	399	421	377	334	327	328	390	6381	6395	25341	6395	25341			
LAST CHANCE										79	74	76	77	77	77	76	76	76	77	77	77	77	79	1426	1287	5341				
CROSSCUT AT HEAD										337	336	336	334	332	334	328	321	321	322	322	319	318	6120	5294	22639					
FARMERS FRIEND										49	48	47	47	44	41	38	37	37	37	38	38	38	3455	701	3455	701				
TWIN GROVES										92	91	90	90	88	88	89	87	86	86	86	85	85	1533	1443	5865					
ST ANTHONY UNION FDR										316	317	318	310	327	327	318	318	320	323	385	386	351	6929	5193	24043					
SALEM UNION										79	78	77	77	77	76	74	73	73	74	73	96	109	2434	1305	7416					
TOTAL ASHTON TO ST ANTHONY										952	948	944	935	945	943	923	912	913	919	981	1001	980	19483	15184	68761					
EGIN										239	246	237	237	237	237	208	205	233	242	231	240	229	3923	3664	15048					
ST ANTHONY UNION										49	49	45	63	55	55	76	70	72	72	68	60	62	1085	1000	4135					
INDEPENDENT										146	148	146	144	146	172	203	198	198	199	195	185	171	3205	2652	11617					
CONSOLIDATED FARMERS										125	127	125	125	125	125	123	123	123	123	120	120	120	3000	2079	10074					
CANYON CR CANAL										15	15	14	14	14	14	14	14	14	13	13	13	13	225	225	892					
CANYON CR LAT. USERS										20	20	20	20	0	0	0	0	0	0	0	0	0	300	140	872					
TOTAL TETON R. ARV ST ANTHONY										594	605	607	603	577	603	624	610	638	649	627	618	595	11738	9760	42641					
WILFORD										119	118	116	119	116	114	111	116	112	108	108	108	108	1965	1840	7547					
GOOD LUCK										0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
TETON IRRIGATION										116	98	81	79	72	105	103	117	119	117	86	83	85	1596	1514	6168					
SIDOWAY										4	4	4	4	4	0	4	4	4	4	4	4	4	76	56	261					
PIONEER										3	3	2	2	2	1	0	1	1	0	0	0	0	40	22	122					
STEWART										1	1	2	2	2	3	2	1	1	1	1	1	1	48	23	140					
PINCOCK-BYINGTON										7	7	7	7	7	7	6	6	6	6	6	6	4	108	106	424					
TETON ISLAND FEEDER										194	190	186	194	186	148	119	176	178	179	176	174	174	4165	2929	14070					
NORTH SALEM										0	0	0	0	0	0	0	0	0	0	0	0	0	40	0	79					
ROXANA										12	12	12	12	11	10	10	10	10	10	9	9	12	160	173	660					
ISLAND WARD										6	6	6	6	28	40	39	38	37	36	33	34	4	383	331	1416					
SAUREY										27	27	26	26	25	22	21	21	20	19	18	18	20	234	368	1194					
MCCORMICK-ROWE										1	1	1	1	1	1	1	1	1	1	1	1	1	16	63	1194					
PINCOCK-GARNER										5	5	5	5	5	5	3	8	6	3	3	3	3	68	75	283					
BIGLER SLOUGH										1	2	2	2	2	2	2	2	2	2	2	2	2	28	28	111					
WOODMANSEE-JOHNSON										7	7	6	6	5	4	5	5	5	4	5	4	4	133	90	442					
CITY OF REXBURG										14	12	11	11	9	9	11	10	10	8	5	4	1	220	153	739					
REXBURG IRRIGATION										149	149	150	149	142	144	142	138	139	140	140	138	138	2678	2322	9917					
TOTAL TETON R. HLW ST ANTHONY										666	642	617	625	617	619	579	654	648	635	595	588	561	11958	10046	43644					

TABLE 68

MONTH OF AUGUST

TOTAL DIVERGIONS IN CURIC FEET PER SECOND

RUN DATE 02/22/79

NAME	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
BUTTE & MARKET LAKE	284	284	289	296	295	301	310	307	300	292	277	264	260	255	256	249	246	227
BEAR TRAP	30	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32
OSGOOD	80	89	86	77	58	20	69	84	84	82	80	44	21	63	82	77	48	0
KENNEDY	16	17	20	22	22	21	21	22	24	22	19	19	17	17	19	21	21	21
GREAT WESTERN	576	558	562	558	558	570	566	556	552	554	528	510	514	484	465	463	460	456
BEAR ISLAND	10	11	8	5	5	20	20	14	8	8	8	8	5	5	8	11	11	11
IDAHO	1200	1180	1140	1120	1130	1170	1190	1160	1150	1140	1100	1030	962	899	912	880	807	810
PORTER	318	312	301	301	297	301	302	299	284	280	282	285	296	312	302	287	276	284
TOTAL LURENZO TU	2512	2483	2436	2411	2397	2435	2510	2474	2434	2410	2326	2192	2107	2067	2076	2020	1901	1841
ABV WILLOW CR																		
LOERTSHEK	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
LOVETT'S PUMP	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
FERGUSON	10	10	12	12	6	6	6	6	6	6	6	6	6	6	6	6	6	6
LOVETT NO 2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
WALLACE REID	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
SARGENT & SUMMER	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
DORTCH PUMPS	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
REED PUMPS	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
SPERRY	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
ORVAL AVERY	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
ROY AVERY	10	10	12	12	11	12	12	12	12	12	12	12	12	12	12	12	12	12
STUKEY PUMPS	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
ROY COOPER	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
PROGRESSIVE SAND CR	620	620	551	551	550	550	550	550	550	550	550	528	520	520	520	410	410	410
IDAHO FR SAND CR	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
PROGRESSIVE WILLOW CR	125	125	194	194	190	190	190	190	190	190	190	158	158	158	158	100	84	80
TOTAL WILLOW CREEK	809	809	810	810	803	809	808	808	802	802	792	732	703	705	705	577	520	513
WOODVILLE	95	93	93	89	92	91	87	83	82	81	85	87	88	89	81	78	75	80
SNAKE RIVER VALLEY	751	751	741	707	693	687	679	669	653	645	645	643	607	587	544	539	536	539
TOTAL WILLOW CREEK	846	844	834	796	785	778	766	752	735	726	730	730	695	676	625	617	611	619
TO SHELLEY																		
RESERVATION	557	557	596	585	581	572	586	577	574	565	565	568	574	508	430	397	395	396
BLACKFOOT	365	365	359	359	356	350	337	314	316	316	316	319	319	277	280	256	239	218
NEW LAVA SLOF	136	143	145	136	132	140	131	126	129	133	131	117	118	110	98	78	78	86
PEOPLES	366	371	378	368	373	389	398	380	366	357	343	327	334	336	325	325	329	287
ABERDEEN	1210	1190	1170	1130	1130	1130	1120	1090	1090	1090	1090	1070	1010	962	923	901	850	798
CORBETT	240	217	198	178	170	167	180	162	152	149	159	162	170	194	174	150	148	142
NIELSON-HANSEN	16	11	10	10	10	9	9	9	10	10	10	7	5	7	13	11	11	11
RIVERSIDE	132	131	135	127	123	121	122	121	114	109	109	108	109	84	79	79	87	88
DANSKIN	211	191	190	179	177	177	182	179	177	181	190	195	203	192	177	177	177	177
TREGO	78	75	80	78	71	70	72	80	83	80	79	83	92	66	65	62	65	59
WEARYICK	64	63	61	60	59	58	60	59	57	57	58	59	62	66	57	57	57	58
WATSON	129	122	120	115	117	115	118	119	115	112	115	119	122	128	122	118	112	110
PARSONS	58	56	55	54	54	51	55	54	53	52	53	48	49	51	51	50	50	47
TOTAL SHELLEY	3562	3492	3497	3379	3353	3329	3370	3270	3236	3211	3215	3182	3161	2985	2806	2664	2601	2477
TO BLACKFOOT																		

TABLE 68 (continued)
MONTH OF AUGUST

TOTAL DIVISIONS IN CUBIC FEET PER SECOND																	RUN DATE 02/22/79	
NAME	19	20	21	22	23	24	25	26	27	28	29	30	31	CFS DAYS		TOTALS		
														1-15	16-31		AC FT	
BUTTE & MARKET LAKE:																		
BEAR TRAP	204	203	200	204	204	206	197	193	185	185	189	189	186	4268	3271	14953		
OSGUDU	32	32	32	10	10	10	10	10	10	10	10	10	10	478	292	1527		
KENNEDY	87	87	87	94	93	91	89	46	7	84	95	95	91	1019	1084	4171		
GREAT WESTERN	21	8	8	17	16	12	17	17	5	5	14	16	8	298	227	1041		
BEAR ISLAND	454	458	452	452	460	461	454	456	460	452	450	452	454	8111	7294	30555		
IDAHU	9	7	3	5	5	4	5	4	6	9	12	10	11	143	123	527		
PORTER	804	787	755	730	827	857	833	822	817	820	850	850	843	16483	13092	58662		
TOTAL LORENZO TO ABV WILLOW CR	282	274	276	272	274	276	274	268	268	266	263	257	253	4472	4350	17498		
LOERTSHER	1897	1769	1813	1784	1889	1917	1879	1816	1758	1834	1883	1879	1856	35272	29733	128937		
FERGUSON	2	2	2	2	2	2	2	2	2	2	2	2	2	30	32	122		
LOVETT NO 2	0	0	0	0	0	0	0	0	0	0	0	0	0	23	8	61		
MALLACE REID	12	0	0	0	0	0	0	0	5	5	5	5	5	92	37	255		
SARGENT & SUMNER	1	1	1	2	2	2	2	2	0	0	0	0	0	10	13	45		
DORTCH PUMPS	2	2	2	2	2	2	0	0	2	2	2	2	2	38	26	126		
REED PUMPS	0	0	0	0	0	0	0	0	0	0	0	0	0	94	12	210		
SPEKRY	2	2	2	2	2	2	0	0	0	0	0	0	0	17	2	37		
ORVAL AVERY	1	2	2	2	2	2	0	0	0	0	0	0	0	41	10	101		
ROY AVERY	0	0	0	4	4	4	2	0	0	0	0	0	0	30	19	97		
STUKY PUMPS	3	2	2	2	2	4	2	0	0	0	5	5	0	106	23	255		
ROY COOPER	0	0	0	0	0	0	0	0	0	0	0	0	0	136	54	376		
PROGRESSIVE SAND CR	6	5	5	10	13	13	13	13	15	15	6	6	6	83	147	456		
IDAHU FR SAND CR	405	370	368	330	330	380	380	380	420	420	345	345	160	8280	5853	28032		
PROGRESSIVE WILLOW CR	5	5	5	5	5	5	5	5	5	5	5	5	10	83	85	333		
TOTAL WILLOW CREEK	75	75	72	53	53	53	84	84	84	84	96	108	108	2600	1293	7721		
WOODVILLE	514	466	459	412	415	415	491	489	540	540	480	493	312	11707	7636	38366		
SNAKE RIVER VALLEY	78	74	67	73	74	75	72	68	67	67	67	70	68	1316	1153	4897		
TOTAL WILLOW CREEK TO SHELLEY	511	465	458	463	474	507	542	538	557	588	571	565	580	10002	8433	36565		
HEBENAVATION	589	539	525	536	544	582	614	606	624	655	638	635	648	11318	9586	41463		
BLACKFOOT	392	383	374	437	534	558	550	540	535	530	522	508	494	8395	7545	31616		
NEW LAVA RIDGE	214	211	211	206	243	240	239	301	305	302	300	300	297	4928	4082	17871		
PEPPER	75	75	74	69	78	90	89	106	108	108	108	106	98	1925	1431	6656		
AMERICAN	284	281	281	272	281	281	283	318	323	323	323	318	320	5411	4829	20311		
ROBERT	752	760	788	788	788	788	788	805	816	819	819	819	819	16405	12908	58142		
WILLOW-HEBENAVATION	128	113	112	122	107	111	105	135	135	134	134	138	87	2672	2001	9268		
RIVERBIDE	10	10	10	10	6	7	7	5	7	8	4	6	9	143	132	545		
HEBENAVATION	88	88	94	94	94	94	94	107	110	111	100	99	104	1724	1530	6454		
HEBENAVATION	177	177	178	173	167	167	165	165	162	162	162	158	170	2821	2716	10982		
HEBENAVATION	80	80	80	80	80	80	80	80	80	80	80	80	80	1142	937	4123		
HEBENAVATION	80	80	80	80	80	80	80	80	80	80	80	80	80	900	832	3435		
HEBENAVATION	108	107	105	107	98	98	97	92	92	92	91	91	91	1788	1618	6755		
HEBENAVATION	48	42	41	42	40	40	40	40	40	40	40	40	40	794	643	2850		
TOTAL SHELLEY TO BLACKFOOT	3183	3183	3183	3287	3517	3585	3575	3731	3739	3743	3716	3691	3629	49048	41204	179014		

MONTH OF AUGUST

TABLE 69

TOTAL DIVERSIONS IN CUBIC FEET PER SECOND

RUN DATE 02/22/79

NAME	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
FT HALL MICHAUD	171	153	83	86	86	86	81	85	85	86	83	83	83	85	84	84	78	72
FALLS IRRIGATION	107	107	117	117	111	113	106	106	98	98	98	85	85	85	85	77	77	66
TOTAL BLACKFOOT	278	260	200	203	197	199	187	191	183	184	181	168	168	170	169	161	155	138
TO NEELEY																		
MINIDOKA NORTHSIDE	1260	1250	1250	1230	1180	1130	1260	1300	1310	1430	1440	1320	1230	1210	1200	1180	1090	989
MINIDOKA SOUTHSIDE	1060	1070	1070	1130	1160	1150	1140	1140	1150	1160	1150	1150	1140	1080	1000	941	894	852
TOTAL NEELEY	2320	2320	2320	2360	2340	2280	2400	2440	2460	2590	2590	2470	2370	2290	2200	2121	1984	1841
TO MINIDOKA																		
MINIDOKA NORTHSIDE PM	228	239	238	233	215	214	214	218	230	231	231	232	217	209	206	198	185	182
P A LATERAL	64	64	69	69	69	63	63	63	63	63	63	63	66	66	65	65	59	59
MILNER LOW LIFT	229	229	229	217	202	200	200	200	218	250	261	261	261	261	261	261	233	223
A LATERAL	61	62	61	61	61	61	61	60	59	59	59	59	56	56	54	53	51	51
N S CROSSCUT	836	822	828	818	812	816	826	826	832	838	852	861	867	871	878	884	893	915
GOUDING BLW NORTHSIDE	1470	1470	1470	1460	1460	1450	1450	1430	1410	1400	1400	1400	1390	1390	1350	1330	1330	1280
TWIN FALLS NORTHSIDE	2600	2600	2640	2640	2590	2590	2600	2600	2590	2590	2590	2590	2550	2500	2430	2370	2230	2140
TWIN FALLS SOUTHSIDE	3620	3620	3620	3600	3600	3580	3580	3600	3570	3630	3630	3640	3600	3620	3620	3580	3520	3520
TOTAL MINIDOKA	9108	9106	9155	9098	9009	8974	8994	8997	8972	9061	9086	9106	9007	8973	8864	8741	8507	8370
TO MILNER																		

	19	20	21	22	23	24	25	26	27	28	29	30	31	CFS DAYS 1-15	CFS DAYS 16-31	TOTALS AC FT
FT HALL MICHAUD	72	71	80	98	108	106	106	106	106	108	98	74	65	1420	1432	5656
FALLS IRRIGATION	66	66	91	91	87	87	87	76	76	76	76	76	76	1518	1251	5492
TOTAL BLACKFOOT	138	137	171	189	195	193	193	182	182	184	174	150	141	2938	2683	11149
TO NEELEY																
MINIDOKA NORTHSIDE	945	945	1090	1250	1290	1270	1200	1150	1120	1160	1170	1170	1080	19000	18099	73585
MINIDOKA SOUTHSIDE	830	833	874	897	897	871	865	881	881	881	891	884	884	16750	14036	61064
TOTAL NEELEY	1775	1778	1964	2147	2177	2141	2065	2031	2001	2041	2051	2054	1964	35750	32135	134649
TO MINIDOKA																
MINIDOKA NORTHSIDE PM	174	175	177	175	181	180	176	167	168	160	154	151	141	3355	2744	12097
P A LATERAL	59	59	59	59	59	59	58	58	58	58	53	53	53	973	934	3782
MILNER LOW LIFT	223	223	234	239	239	239	224	199	182	177	177	177	177	3479	3427	13698
A LATERAL	50	51	50	49	48	48	48	48	48	49	47	47	47	890	785	3322
N S CROSSCUT	895	890	880	877	865	867	852	848	844	836	840	828	818	12583	13832	52394
GOUDING BLW NORTHSIDE	1230	1230	1230	1230	1240	1180	1170	1180	1180	1180	1180	1180	1180	21400	19530	81184
TWIN FALLS NORTHSIDE	2120	2110	2090	2070	2060	2050	2000	2000	2020	1990	1980	1980	1970	38700	33180	142573
TWIN FALLS SOUTHSIDE	3500	3490	3470	3420	3450	3400	3360	3330	3310	3290	3180	3050	2980	54130	53850	214178
TOTAL MINIDOKA	8251	8228	8190	8119	8142	8023	7898	7820	7810	7740	7611	7466	7366	135510	128282	523231
TO MILNER																

MONTH OF SEPTEMBER

TABLE 70
TOTAL DIVERSIONS IN CUBIC FEET PER SECOND

RUN DATE 02/22/79

NAME	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
RILEY (ABOVE HEISE)	20	20	20	20	20	20	20	20	18	18	17	16	12	8	4	4	4	4
ANDERSON	248	248	247	247	252	252	239	240	234	231	223	217	198	176	154	154	153	153
EAGLE ROCK	397	380	380	382	410	393	359	329	308	289	210	122	102	99	96	94	94	94
FARMERS FRIEND	367	369	365	369	369	371	362	365	358	333	331	284	175	171	167	167	160	160
ENTERPRISE	196	198	198	200	216	206	200	169	202	190	167	143	115	107	99	99	99	99
BUTLER ISLAND	38	39	39	39	40	40	41	40	39	40	40	36	27	15	3	3	5	5
ROSS AND KAND	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
STEELE	15	17	16	16	16	16	12	12	12	3	3	2	1	1	1	1	1	1
HARRISON	451	451	486	537	556	559	511	489	467	444	419	372	308	266	239	218	218	218
CHENEY	11	11	10	10	10	11	10	9	9	9	9	9	9	0	0	0	0	0
RUDY	68	67	86	92	93	92	85	83	81	84	85	81	62	44	34	34	27	27
LOWDER & JENNING	58	60	58	58	58	57	57	56	56	57	56	53	31	20	8	8	16	25
BOUMER	259	262	262	262	256	212	192	179	119	100	98	67	62	58	58	60	54	48
KITE & NOKU	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BURGESS	958	958	926	921	931	935	908	832	814	827	796	526	522	514	506	506	581	581
CLARK & EDWARDS	100	82	83	83	82	81	80	65	72	72	70	68	55	55	41	41	43	43
EAST LABELLE	126	127	95	95	95	95	96	67	69	69	71	70	59	55	51	53	55	57
RIGBY	135	135	144	157	162	172	180	172	147	118	118	113	63	61	59	59	62	62
DILTS	24	18	18	27	27	27	36	34	29	32	32	19	11	8	6	6	9	9
ISLAND	173	187	187	176	176	175	178	185	185	190	190	155	124	112	100	100	109	109
W LABELLE & LONG I	492	504	496	504	496	496	504	504	513	521	526	306	273	252	231	236	242	242
PARKS & LEWISVILLE	322	322	302	282	282	282	282	282	286	292	292	300	280	254	229	229	266	266
NORTH RIGBY	40	40	40	44	46	46	46	46	46	50	50	52	44	35	26	26	36	36
BRAMWELL	6	6	2	2	2	2	2	2	10	6	2	1	0	0	0	0	0	0
ELLIS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NELSON	5	5	5	5	5	5	5	0	5	5	0	0	0	0	0	0	0	0
MATTSON-CRAIG	19	21	21	21	21	21	21	21	20	20	20	21	14	8	2	2	0	0
SUNNIDELL	108	127	127	152	152	153	121	140	137	119	119	128	137	106	74	74	71	71
ARNSEBERGER	8	8	8	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LENKROU	106	105	105	106	108	108	103	104	102	104	104	109	114	85	56	56	54	54
REID	108	176	176	176	181	176	176	108	112	164	164	130	144	121	98	97	76	76
TEXAS & LIBERTY PK	128	233	233	239	240	239	239	260	258	232	230	256	265	198	132	132	129	129
BARNOCK JIM	10	11	8	12	14	14	12	16	15	11	12	15	19	17	15	15	12	12
HILL PETTINGER	5	6	7	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0
NELSON COREY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL HEISE	5001	5193	5150	5247	5323	5265	5086	4832	4733	4644	4464	3681	3235	2858	2494	2479	2582	2566
TO LORENZO																		
DEWEY (ANV FALLS K.)	17	17	17	17	16	17	18	18	17	16	14	11	11	11	10	10	10	9
FLUORANTUM	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4
ABOVEVILLE	72	72	72	72	72	72	72	72	73	74	74	75	75	75	74	74	74	75
TOTAL FALLS RIVER	92	92	92	92	91	92	93	93	93	93	91	90	90	90	88	88	88	88
ANY DOWNTOWN																		

TABLE 70 (continued)

MONTH OF SEPTEMBER														TOTAL DIVERSIONS IN CURIC FEET PFR SECOND														RUN DATE 02/22/79	
NAME		19	20	21	22	23	24	25	26	27	28	29	30	31	CFS DAYS 1-15	CFS DAYS 16-31	TOTALS AC FT												
RILEY (ABOVE HEISE)																		602											
ANDERSON	4	153	152	137	122	122	121	121	121	121	121	120	121	0	3406	1992	10706												
EAGLE ROCK	94	80	71	71	69	68	91	166	229	254	256	256	256	0	4256	1987	12382												
FARMERS FRIEND	158	157	158	160	160	160	157	157	156	163	170	170	170	0	4756	2409	14211												
ENTERPRISE	100	101	101	100	100	102	102	105	108	102	97	97	97	0	2606	1512	8168												
BUTLER ISLAND	5	5	5	5	5	13	13	13	13	13	15	17	17	0	516	139	1299												
ROSS AND RAND	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
STEELE	1	1	0	0	0	0	1	1	1	1	1	1	1	0	143	12	307												
HARRISON	218	216	216	214	214	212	212	245	281	313	345	347	347	0	6559	3687	20322												
CHEWY	0	0	0	0	0	0	0	0	0	0	0	0	2	0	127	2	255												
RUDY	18	8	12	15	15	16	16	16	17	22	28	28	34	0	1141	305	2868												
LOWDER & JENNING	28	31	32	32	32	28	28	22	17	28	38	38	38	0	739	403	2265												
BOOMER	53	63	69	70	83	91	95	108	112	112	116	98	0	2447	1232	7297													
KITE & NORD	6	6	3	0	0	0	0	0	0	0	0	0	0	0	98	32	257												
BURGESS	533	485	468	452	452	526	526	558	590	630	669	669	669	0	11874	8226	39868												
CLARK & EDWARDS	41	39	39	38	41	43	46	46	46	50	53	50	50	0	1089	659	3467												
EAST LABELLE	47	37	37	37	37	37	37	36	35	37	39	39	39	0	1240	620	3689												
RIGBY	60	59	59	59	59	82	82	82	81	76	71	71	71	0	1936	1024	5871												
DILTS	10	10	10	10	10	9	9	8	7	9	11	11	11	0	348	138	963												
ISLAND	112	116	116	115	115	112	112	105	98	107	116	116	116	0	2486	1658	8219												
W LABELLE & LONG I	242	242	242	242	242	380	380	359	338	361	384	384	384	0	6618	4516	22084												
PARKS & LEWISVILLE	270	274	276	278	278	237	237	208	180	203	226	226	226	0	4289	3654	15754												
NORTH RIGBY	37	38	38	37	37	28	28	20	12	12	12	12	12	0	651	409	2102												
BRAMWELL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	43	0	85												
ELLIS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
NELSON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	45	0	89												
MATTISON-CRAIG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	271	2	541												
SUNNYDELL	72	72	73	74	74	74	74	72	71	60	50	50	50	0	1900	1032	5815												
ARNBERGER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30	0	59												
LENROOT	54	54	54	53	53	53	53	58	63	54	46	46	46	0	1519	805	4609												
REID	55	55	55	55	55	76	97	116	135	132	128	128	128	0	2210	1315	6991												
TEXAS & LIBERTY PK	129	129	128	128	128	140	140	134	179	126	124	124	124	0	3382	1949	10574												
HANNUCK JIM	12	12	12	11	11	16	16	12	9	6	4	4	4	0	201	164	723												
HILL PETTINGER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	27	0	53												
NELSON CUKEY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
TOTAL HEISE TO LORENZO	2512	2446	2415	2381	2395	2625	2676	2770	2852	2997	3124	3114	0	67206	39934	212512													
DEWEY (ABV FALLS R.)	6	3	3	3	3	3	3	3	3	3	3	4	4	0	227	70	589												
YELLOWSTONE	3	3	3	3	0	0	0	2	2	2	2	2	2	0	49	34	164												
MARYSVILLE	74	72	72	72	72	72	72	72	72	72	71	72	72	0	1096	1088	4331												
TOTAL FALLS RIVER ABV SQUIRREL	83	78	78	78	75	75	75	77	77	77	76	78	78	0	1372	1192	5085												

MONTH OF SEPTEMBER

TABLE 71
TOTAL DIVERSIONS IN CUBIC FEET PER SECOND

RUN DATE 02/22/79

NAME	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
CONANT CR CANAL	17	15	15	15	15	15	15	15	15	5	5	5	5	5	5	5	5	5
KEITH NYBORG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BOOM CR CANAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SQUIRREL CR CANAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ORME	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
ENTERPRISE	78	78	78	79	82	85	78	78	78	74	71	62	44	26	26	25	25	25
BELL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FALL RIVER CANAL	163	163	163	163	163	163	164	154	154	156	159	158	158	158	156	155	156	158
CHESTER	74	74	74	73	73	72	74	76	70	76	82	82	48	15	12	10	10	9
SILKEY	14	14	14	13	13	13	13	13	4	4	5	5	5	5	4	4	4	4
CURR	42	43	36	30	30	31	31	21	20	24	22	22	22	23	19	15	16	16
TOTAL SQUIRREL	391	390	384	377	380	383	379	353	345	340	348	338	286	236	226	218	220	221
TO CHESTER																		
LAST CHANCE	79	79	79	79	79	82	82	85	82	82	82	77	75	73	74	76	76	76
CROSSCUT AT HEAD	323	315	313	311	320	321	322	237	226	223	221	227	228	227	166	99	99	99
FARMERS FRIEND	38	36	42	49	48	54	55	59	55	55	55	50	48	47	46	44	38	33
TWIN GROVES	84	84	84	84	83	84	83	82	82	82	81	56	55	54	53	52	50	48
ST ANTHONY UNION FDR	351	349	352	354	351	243	239	241	229	166	171	168	163	158	154	151	150	149
SALEM UNION	109	109	110	112	131	112	84	86	84	53	22	32	32	31	30	29	30	31
TOTAL ASHTON	984	972	980	989	1012	896	865	790	758	661	632	610	601	590	523	451	443	436
TO ST ANTHONY																		
EGIN	262	231	222	239	248	128	191	186	169	184	117	117	119	113	95	73	81	78
ST ANTHONY UNION	58	60	64	62	56	69	74	78	90	60	67	64	71	67	67	67	78	76
INDEPENDENT	168	169	191	193	187	116	119	121	121	84	78	73	71	71	70	59	60	60
CONSOLIDATED FARMERS	120	120	120	120	118	120	123	125	123	123	69	69	69	67	67	68	70	70
CANYON CR CANAL	13	13	13	13	13	13	13	13	13	13	13	21	20	20	20	19	16	14
CANYON CR LAT. USERS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL TETON R. ARV	621	593	610	627	622	446	520	523	516	464	344	348	350	338	319	286	305	298
ST ANTHONY																		
WILFORD	110	108	109	110	108	110	109	109	108	108	107	109	120	131	128	128	84	41
GOOD LUCK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TETON IRRIGATION	78	118	69	69	71	74	76	76	78	54	30	73	67	61	34	34	34	34
SIDOUWAY	4	4	4	4	4	0	4	4	4	4	0	0	0	0	0	0	0	0
PIIONEER	0	4	4	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0
STEWART	1	1	2	2	1	1	1	1	1	1	1	2	2	2	2	2	2	2
PINCOCHE-WYINGTON	7	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2
TETON ISLAND FERRON	174	181	176	170	174	186	186	176	172	176	179	186	181	176	172	172	163	154
NORTH DAWG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ROKARA	8	9	9	9	9	9	8	8	8	8	8	8	8	8	6	3	3	3
ISLAND MARU	26	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
BAUNY	18	20	19	18	19	20	21	21	21	22	23	23	25	27	26	26	24	22
ACQUINCH-ROSE	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0
PINCOCHE-CANOE	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
WIGLER SLOUGH	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
WOODMAN-ROSE-GRANITE	5	4	4	4	4	5	5	5	5	4	4	4	4	4	4	4	3	3
CITY OF HEARDO	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
HEARDO IRRIGATION	133	138	138	131	131	124	124	115	115	118	122	115	115	115	115	115	112	110
TOTAL TETON R. ARV	971	901	946	935	940	890	905	937	931	913	489	535	537	536	500	496	436	379
ST ANTHONY																		

TABLE 71 (continued)
MONTH OF SEPTEMBER

TABLE 71 (continued)																
MONTH OF SEPTEMBER																
TOTAL DIVERSIONS IN CURIC FEET PER SECOND																
NAME	19	20	21	22	23	24	25	26	27	28	29	30	31	CFS DAYS 1-15	CFS DAYS 16-31	TOTALS AC FT
CONANT CR CANAL	5	5	2	2	2	2	2	2	1	1	1	1	0	167	41	412
KEITH NYBURG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BOOM CR CANAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SQUIRREL CR CANAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ORME	4	4	4	4	4	4	4	4	4	4	4	4	0	58	60	234
ENTERPRISE	24	24	24	24	24	24	24	24	24	23	23	22	0	1017	359	2729
BELL RIVER CANAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FALL RIVER CANAL	158	157	157	157	157	157	156	155	155	155	155	155	0	2395	2343	9397
CHESTER	9	9	8	8	8	8	8	8	8	8	8	8	0	975	127	2185
STURKEY	4	4	4	3	3	3	2	1	4	6	4	1	0	131	51	360
CURR	16	15	16	16	16	16	16	15	15	15	15	15	0	413	233	1281
TOTAL SQUIRREL TO CHESTER	220	218	215	214	214	214	212	209	211	212	210	206	0	5156	3214	16601
LAST CHANCE	76	75	75	75	71	67	67	67	66	65	65	65	0	1189	1062	4464
CROSSCUT AT HEAD	46	93	95	96	96	96	96	97	97	97	97	97	0	3980	1450	10770
FARMERS FRIEND	32	31	32	34	34	35	35	35	36	37	38	40	0	737	534	2521
TWIN GROVES	47	48	49	50	51	52	54	55	56	57	57	57	0	1131	783	3796
ST ANTHONY UNION FDR	146	144	140	135	132	129	122	115	115	115	110	25	0	3689	1878	11042
SALEM UNION	31	30	30	29	29	29	40	50	50	50	52	52	0	1137	562	3369
TOTAL ASHTON TO ST ANTHONY	428	421	421	419	413	408	414	419	420	421	419	336	0	11863	6269	35964
EGIN	80	75	73	74	74	70	66	81	87	92	94	89	0	2521	1187	7553
ST ANTHONY UNION	70	70	65	65	69	69	67	67	67	64	64	64	0	1011	1018	4024
INDEPENDENT	58	59	59	60	60	60	60	60	58	58	56	106	0	1832	5484	2521
CONSOLIDATED FARMERS	68	69	69	69	69	69	70	70	70	68	68	69	0	1553	1036	5135
CANYON CR CANAL	14	14	10	5	3	1	1	1	1	1	2	2	0	224	104	650
CANYON CR LAT. USERS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL TETON P. ARV ST ANTHONY	290	287	276	273	275	269	264	279	280	282	284	330	0	7241	4278	22847
WILFORD	40	39	43	47	46	44	44	44	36	28	28	28	0	1684	720	4768
GOOD LUCK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TETON IRRIGATION	34	33	36	39	38	38	38	38	38	38	38	38	0	1028	548	3125
SIDDOWAY	0	0	0	0	0	0	0	0	0	0	0	0	0	36	0	71
PIONEER	0	0	0	0	0	0	0	0	0	0	0	0	0	18	0	35
STEWART	2	2	2	2	2	2	2	2	2	2	2	1	0	99	29	148
PINCOK-BYINGTON	2	2	2	2	2	2	2	2	2	2	2	1	0	51	24	2297
TETON ISLAND FEEDER	156	158	156	153	151	149	148	146	148	149	148	146	0	2665	2297	9842
NORTH SALEM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ROXANA	3	3	3	3	3	3	3	2	2	2	2	2	0	123	39	321
ISLAND WARD	2	2	2	2	2	2	2	2	2	2	2	2	0	70	36	210
SAUREY	22	22	22	22	21	20	20	20	20	21	20	20	0	323	322	1279
MCCORMICK-HOME	0	0	0	0	0	0	0	0	0	0	0	0	0	15	1	31
PINCOK-GARNER	2	2	2	2	2	2	2	2	2	2	2	1	0	31	23	107
BIGLER SLOUGH	2	2	2	2	2	2	2	2	2	2	2	2	0	26	23	97
WOODMANSEE-JOHNSON	2	2	2	2	2	2	2	2	2	2	2	2	0	63	27	178
CITY OF HENRICH	2	2	2	2	2	2	2	2	2	2	2	2	0	75	26	200
REXBURG IRRIGATION	109	108	107	106	107	108	108	108	108	103	103	103	0	1851	1613	6870
TOTAL TETON R. BLW ST ANTHONY	378	376	380	381	378	372	371	370	362	352	350	347	0	8080	5728	27388

MONTH OF SEPTEMBER

TABLE 72
TOTAL DIVERSIONS IN CUBIC FEET PER SECOND

RUN DATE 02/22/79

NAME	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
BUTTE & MARKET LAKE	183	183	185	188	193	200	199	201	194	176	175	171	162	158	142	142	140	135
BEAR TRAP	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
OSCUOD	91	93	15	78	87	75	77	72	39	0	0	0	0	0	0	0	0	0
KENNEDY	24	26	26	27	19	8	6	3	3	0	3	4	5	6	7	5	6	7
GREAT WESTERN	446	448	461	456	452	456	458	452	450	450	425	408	406	384	361	354	355	323
BEAR ISLAND	6	6	6	6	10	10	6	6	6	0	0	0	0	0	1	1	0	0
IDAHO	850	889	929	919	919	939	903	823	762	768	657	538	514	514	468	451	446	446
PORTER	255	253	253	251	248	253	253	276	278	278	274	276	251	244	228	219	216	202
TOTAL LURENZO TO ABV WILLOW CR	1860	1863	1880	1930	1933	1946	1907	1838	1737	1680	1539	1402	1343	1321	1212	1175	1175	1161
LOBERTSHER	2	2	2	2	2	2	2	2	2	0	0	0	0	0	0	0	0	0
LOVETIS PUMP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PEKUSON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LOVETT NO 2	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0
WALLACE REIU	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SARGENT & SUMNER	6	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DORTCH PUMPS	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RED PUMPS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SPERRY	2	2	2	2	2	2	2	2	2	0	0	0	0	0	0	0	0	0
ORVAL AVERY	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
ROY AVERY	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
STURKEY PUMPS	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
ROY COOPER	4	10	10	10	10	10	10	10	10	10	8	6	6	6	6	6	5	4
PROGRESSIVE SAND CR	460	460	450	420	420	500	420	420	420	420	345	289	253	244	220	221	222	223
IDAHO FR SAND CR	10	10	10	10	10	10	15	15	15	15	15	15	15	15	15	15	15	15
PROGRESSIVE WILLOW CR	108	108	108	96	96	96	84	84	84	84	81	61	63	61	57	57	57	57
TOTAL WILLOW CREEK	615	620	602	560	560	637	550	550	550	540	450	378	340	329	301	302	300	299
WOODVILLE	71	75	79	79	77	78	81	85	82	75	76	72	70	67	54	52	52	52
SNAKE RIVER VALLEY	608	604	604	565	557	563	548	499	489	467	390	369	372	373	348	334	331	332
TOTAL WILLOW CREEK TO SHELEIFY	679	679	683	644	634	641	629	584	571	542	466	441	442	440	402	386	383	384
RESERVATION	498	490	470	483	470	472	466	493	501	507	462	429	575	295	288	350	418	414
BLACKFOOT	297	292	286	294	280	274	279	258	261	261	211	164	164	164	164	133	133	133
NEW LAVA SLIDE	98	98	98	99	99	107	101	98	102	102	90	80	70	61	61	54	54	54
REDFORD	316	320	323	320	316	316	320	325	320	325	298	237	234	230	204	204	204	204
AREEDEN	819	816	819	826	826	826	812	794	784	780	756	704	676	643	613	616	587	587
CORRETT	90	126	162	149	135	135	115	164	170	122	93	54	56	58	58	53	53	89
WILLOW-MANHEIM	99	8	8	9	11	11	10	9	11	10	12	13	12	12	12	11	11	13
RIVERDALE	99	100	102	104	104	104	84	85	85	87	89	45	64	63	63	63	63	63
MANHEIM	168	164	161	165	166	161	168	167	171	156	160	137	123	109	109	100	100	134
WRIGHT	57	53	50	53	49	51	50	51	45	38	37	39	36	32	32	32	32	32
WRIGHT	52	54	56	61	55	52	52	71	62	54	57	52	52	52	52	50	50	51
WRIGHT	89	87	84	88	86	82	91	112	117	95	98	105	95	85	85	79	78	78
WRIGHT	34	34	34	34	34	34	33	36	30	30	30	28	28	28	28	27	27	26
TOTAL DIVERSIONS TO BLACKFOOT	2686	2642	2653	2702	2645	2625	2591	2663	2659	2567	2395	2107	2185	1832	1795	1772	1840	1874

TABLE 72 (continued)
MONTH OF SEPTEMBER

TOTAL DIVERSIONS IN CURIC FEET PER SECOND

RUN DATE 02/22/79

NAME	19	20	21	22	23	24	25	26	27	28	29	30	31	CFS DAYS 1-15	CFS DAYS 16-31	TOTALS AC FT
BUTTE & MARKET LAKE	129	144	123	122	122	120	118	120	176	132	132	131	0	2710	1916	9175
BEAR TRAP	3	3	3	3	3	3	3	2	2	2	2	2	0	75	40	228
USGOOD	62	68	66	68	36	10	55	71	72	74	69	43	0	597	748	2667
KENNEDY	6	6	6	8	4	3	3	3	3	4	5	7	0	170	80	495
GREAT WESTERN	300	302	302	302	308	310	308	306	306	308	306	306	0	6513	4696	22233
GREAT ISLAND	0	0	0	0	0	0	0	0	0	0	0	0	0	63	1	126
IDAHO	446	441	376	314	309	304	462	576	571	562	560	557	0	11392	6821	36125
PORTER	194	194	192	194	194	192	190	190	192	187	188	192	0	3871	2936	13501
TOTAL LORENZO TO ABV WILLOW CR	1140	1138	1068	1011	980	942	1139	1268	1272	1269	1262	1238	0	25391	17238	84554
LOKTSHER	0	0	0	0	0	0	0	0	0	0	0	0	0	18	0	35
LOVETTS PUMP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FERGUSON	0	0	0	0	0	0	0	0	0	0	0	0	0	62	0	122
LOVETT NO 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WALLACE REIU	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	3
SARGENT & SUMMER	0	0	0	0	0	0	0	0	0	0	0	0	0	12	0	23
DORTCH PUMPS	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	7
REED PUMPS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SPERRY	0	0	0	0	0	0	0	0	0	0	0	0	0	10	0	19
ORVAL AVERY	0	0	0	0	0	0	0	0	0	0	0	0	0	65	4	136
ROY AVERY	0	0	0	0	0	0	0	0	0	0	0	0	0	72	0	142
STUKEY PUMPS	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	7
ROY COOPER	4	4	4	4	4	4	4	4	4	4	4	4	0	126	63	374
PROGRESSIVE SAND CR	238	238	248	243	239	234	229	238	247	247	247	259	0	5741	3573	18474
IDAHO FR SAND CR	15	15	15	15	15	15	15	15	15	15	15	10	0	195	220	823
PROGRESSIVE WILLOW CR	51	46	440	41	39	36	34	58	82	82	82	102	0	1271	1264	5028
TOTAL WILLOW CREEK	308	303	707	303	297	289	282	315	348	348	348	375	0	7582	5124	25202
WOODVILLE	53	52	52	52	52	51	51	51	50	49	48	48	0	1121	765	3740
SNAKE RIVER VALLEY	335	331	332	331	329	335	349	367	373	384	414	414	0	7356	5291	25085
TOTAL WILLOW CREEK TO SHELLEY	388	383	384	383	381	386	400	418	423	433	462	462	0	8477	6056	28826
RESERVATION	389	309	305	304	301	299	297	290	345	393	385	358	0	6899	5157	23913
BLACFOOT	133	132	131	131	193	193	192	191	204	218	218	218	0	3649	2553	12301
NEW LAVA SIDE	55	54	54	54	54	54	56	57	60	62	62	62	0	1364	846	4383
PEOPLES	200	200	200	197	194	192	190	188	232	275	275	275	0	4430	3226	15185
ABERDEEN	551	548	551	548	548	548	564	580	590	593	593	607	0	11494	8640	39935
CORBETT	125	127	129	129	123	123	123	123	116	108	108	108	0	1718	1637	6654
NIELSON-HANSEN	15	15	15	15	12	12	12	15	14	14	14	14	0	157	202	712
RIVERSIDE	63	62	62	67	72	72	72	71	76	81	81	81	0	1298	1049	4655
DANSKIN	134	133	133	132	132	131	130	128	135	142	142	142	0	2285	1948	8396
TREGO	32	32	32	36	41	42	40	39	44	49	49	49	0	675	581	2491
WEARYICK	51	49	49	48	48	48	48	47	44	42	42	42	0	844	709	3080
WATSON	78	86	86	87	88	86	86	85	87	89	89	89	0	1399	1272	5297
PAKSON	26	25	25	25	24	24	24	25	26	26	26	26	0	475	382	1699
TOTAL SHELLEY TO BLACFOOT	1852	1772	1772	1773	1830	1824	1834	1839	1973	2092	2084	2071	0	36687	28202	128707

MONTH OF SEPTEMBER

TABLE 73
TOTAL DIVERSIONS IN CUBIC FEET PER SECOND

RUN DATE 02/22/79

NAME	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
FT HALL MICHAUD	65	65	65	65	81	91	90	89	90	95	76	65	63	65	22	0	0	0
FALLS IRRIGATION	74	74	72	70	70	68	57	57	57	57	40	39	34	34	25	25	25	26
TOTAL BLACKFOOT	139	139	137	135	151	159	147	146	147	152	116	104	97	99	47	25	25	26
TO NEBLEY																		
MINIDOKA NORTHSIDE	977	977	977	977	975	767	603	501	473	441	345	296	296	295	293	291	291	291
MINIDOKA SOUTHSIDE	878	839	826	826	823	746	616	534	539	446	300	304	308	308	310	313	313	318
TOTAL NEBLEY	1855	1816	1803	1803	1798	1513	1219	1035	1012	887	645	600	604	603	603	604	604	609
TO MINIDOKA																		
MINIDOKA NORTHSIDE PM	125	113	113	117	109	83	53	47	37	37	0	0	0	32	27	27	0	0
P A LATERAL	53	53	53	53	53	53	50	10	0	0	0	0	0	0	0	0	0	0
MILNER LOW LIFT	177	177	175	142	142	105	60	60	60	60	17	0	0	0	0	0	0	0
A LATERAL	48	47	45	46	47	41	37	34	28	28	26	22	21	21	21	20	21	21
N B CROSSCUT	820	818	814	816	814	769	732	728	726	718	724	728	702	698	692	694	714	718
GOODING NW NORTHSIDE	1100	1190	1190	1190	1190	1150	1100	1100	1100	1070	716	486	484	484	484	524	611	613
FAIR FALLS NORTHSIDE	1910	1960	1960	1940	1910	1740	1640	1470	1370	1200	908	900	892	884	868	856	789	593
FAIR FALLS SOUTHSIDE	2980	2920	2890	2890	2880	2780	2380	2310	2390	2210	2000	1700	1590	1560	1560	1530	1520	1340
TOTAL MINIDOKA	7383	7370	7310	7194	7138	6721	6022	5779	5711	5303	4825	4066	3691	3679	3652	3691	3655	3285
TO MILNER																		
FT HALL MICHAUD	57	77	65	65	65	65	65	65	65	65	24	37	37	37	19	19	19	19
FALLS IRRIGATION	26	26	26	26	31	31	31	31	31	31	33	37	39	39	34	34	31	0
TOTAL BLACKFOOT	83	103	91	91	96	96	96	96	96	96	57	74	76	76	53	50	0	0
TO NEBLEY																		
MINIDOKA NORTHSIDE	291	291	293	299	312	312	349	415	456	476	485	495	0	9193	5347	28840	27419	27419
MINIDOKA SOUTHSIDE	315	315	315	315	315	317	317	338	379	432	473	446	0	8603	5221	27419	27419	27419
TOTAL NEBLEY	606	606	608	614	627	629	666	753	835	908	958	941	0	17796	10568	56259	56259	56259
TO MINIDOKA																		
MINIDOKA NORTHSIDE PM	0	0	0	0	0	41	43	36	37	40	44	44	0	893	312	2390	2390	2390
P A LATERAL	18	18	18	18	18	18	18	0	0	0	0	0	0	378	126	999	999	999
MILNER LOW LIFT	0	0	0	0	0	0	0	0	0	0	0	0	0	1155	162	2612	2612	2612
A LATERAL	21	22	18	16	16	16	15	15	15	15	15	15	0	512	261	1533	1533	1533
N B CROSSCUT	708	700	696	700	704	702	700	718	712	720	726	726	0	11299	10638	43512	43512	43512
GOODING NW NORTHSIDE	611	613	613	611	610	608	674	720	722	727	718	716	0	14730	9691	48439	48439	48439
FAIR FALLS NORTHSIDE	455	500	512	512	512	518	516	512	512	519	518	509	0	21682	5135	53191	53191	53191
FAIR FALLS SOUTHSIDE	1390	1390	1390	1390	1390	1390	1390	1390	1390	1390	1390	1390	0	35010	16780	102725	102725	102725
TOTAL MINIDOKA	3903	3903	3917	3903	3903	3903	3903	3903	3903	3903	3903	3903	0	85659	43105	255403	255403	255403
TO MILNER																		

TABLE 74
TOTAL DIVERSIONS IN CUBIC FEET PFP SECOND

MONTH OF OCTOBER

NAME	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
RILEY (ABOVE HEISE)	3	3	3	3	3	3	3	2	2	2	2	2	2	2	1	1	1	1
ANDERSON	123	123	123	123	123	123	123	115	115	115	115	115	115	115	103	103	103	103
EAGLE ROCK	254	300	356	356	262	164	200	229	226	226	226	226	226	224	221	409	441	347
FARMERS FRIEND	170	144	118	118	118	118	118	284	284	284	284	284	284	284	232	232	232	232
ENTERPRISE	97	147	147	147	147	147	147	141	141	141	141	141	141	141	93	93	93	93
BUTLER ISLAND	17	17	17	17	17	17	17	16	16	16	16	16	16	16	17	17	17	17
ROSS AND HAND	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
STEELE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HARRISON	347	345	345	343	343	343	343	372	372	372	372	372	372	372	377	377	377	377
CHENEY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RUDY	34	28	21	21	21	21	21	54	54	54	54	54	54	54	38	38	38	38
LOWDER & JENNING	36	36	36	36	36	36	36	32	32	32	32	32	32	32	33	33	33	33
BOUMER	93	93	93	93	93	93	93	69	69	69	69	69	69	69	98	98	98	98
KITE & NORD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BURGESS	607	607	607	607	607	607	607	594	594	594	594	594	594	594	660	660	660	660
CLARK & EDWARDS	50	50	49	49	49	49	49	53	53	53	53	53	53	53	55	55	55	55
EAST LABELLE	39	38	38	38	38	38	38	65	65	65	65	65	65	65	96	96	96	96
RIGBY	71	71	73	73	73	73	73	73	73	73	73	73	73	73	104	104	104	104
DILTS	11	11	11	11	11	11	11	16	16	16	16	16	16	16	29	29	29	29
ISLAND	116	104	104	104	104	104	104	104	104	104	104	104	104	104	85	85	85	85
W LABELLE & LONG I	384	384	384	384	384	384	384	384	384	384	384	384	384	384	345	345	345	345
PARKS & LEWISVILLE	226	226	235	235	235	235	235	235	235	235	235	235	235	235	206	206	206	206
NORTH RIGBY	12	12	40	40	40	40	40	40	40	40	40	40	40	40	35	35	35	35
BRAMWELL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ELLIS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NELSON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WATSON-CRAIG	0	0	0	0	0	0	0	12	11	11	11	11	11	11	3	3	3	3
SUNNYDELL	50	66	66	66	66	66	66	82	82	82	82	82	82	82	72	72	72	72
ARNSBERGER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LENHOOT	46	60	73	73	73	73	73	73	73	73	73	73	73	73	89	89	89	89
REID	128	121	114	114	114	114	114	114	114	114	114	114	114	114	100	100	100	100
TEXAS & LIBERTY PK	124	124	114	114	114	114	114	114	114	114	114	114	114	114	119	119	119	119
BANNOCK JIM	4	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HILL PETTINGER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NELSON CUREY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL HEISE	3042	3126	3167	3165	3084	3007	3043	3273	3269	3218	3218	3218	3218	3218	3211	3399	3179	3085
TO LORENZO																		
DEWEY (ABV FALLS R.)	4	4	4	3	3	3	3	3	3	2	2	2	2	2	2	2	4	4
YELLOWSTONE	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1
MARYSVILLE	72	72	72	72	72	72	72	72	72	72	72	72	72	72	71	71	71	71
TOTAL FALLS RIVER	78	78	78	77	77	77	77	77	77	76	76	76	76	76	74	74	74	76
ABV SOUTRREL																		

TABLE 74 (continued)

MONTH OF OCTOBER

NAME	NORMAL DIMENSIONS IN CUBIC FEET PER SECOND																				RUN DATE	
																					CFS DAYS	CFS DAYS
																					1-15	16-31
RILEY (ABOVE HEISE)	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTALS AC FT	02/22/79							
ANDERSON	1	1	1	1	1	1	1	1	1	1	1	1	0	36	15	101						
EAGLE ROCK	103	103	103	107	107	107	107	107	107	100	100	100	0	1769	1560	6603						
FARMERS FRIEND	318	298	316	316	316	320	322	241	135	134	132	0	0	3696	4367	15992						
BUTLER ISLAND	232	232	238	238	238	238	238	238	194	151	151	0	0	3124	3322	12785						
ROSS AND KAND	93	93	86	79	79	79	79	79	80	82	82	0	0	2059	1269	6601						
STEELE	17	17	17	16	16	16	16	16	15	15	15	0	0	248	243	973						
HARRISON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
CHENEY	377	377	377	362	362	362	362	362	290	218	218	0	0	5390	5160	20925						
RUDY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
LOWDER & JENNING	38	38	38	34	34	34	34	34	26	18	18	0	0	583	494	2136						
BROWER	33	33	26	20	20	20	20	20	20	19	19	0	0	509	369	1741						
KITE & MURD	98	98	98	130	130	130	130	130	104	79	79	0	0	1232	1630	5676						
HURGESS	0	0	0	0	0	0	0	0	0	1	1	0	0	0	2	3						
CLARK & EDWARDS	660	660	612	612	612	612	612	612	584	555	555	0	0	9067	9278	36387						
EAST LABELLE	55	55	55	52	52	52	52	52	58	64	64	0	0	771	828	3171						
RIGBY	96	96	100	100	100	100	100	100	84	69	69	0	0	818	1402	4403						
DILTS	114	114	114	114	114	102	102	102	102	102	102	0	0	1277	1616	5738						
ISLAND	21	21	21	21	20	20	20	20	20	20	20	0	0	293	316	1207						
WLABELLE & LONG I	85	85	85	85	95	95	95	95	95	95	95	0	0	1470	1345	5583						
PARKS & LEVINSVILLE	338	338	338	338	251	251	251	251	251	251	251	0	0	5526	4466	19823						
NORTH RIGBY	164	164	164	164	225	225	225	225	225	225	225	0	0	3333	2929	12420						
INAMWELL	24	24	24	24	24	24	24	32	32	32	32	0	0	514	1818	403						
ELUIS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
HELSON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
MATTISON=CHAIG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
SUNNYDELL	3	3	5	7	7	7	7	7	4	0	0	0	0	120	66	368						
ARNHOLM	25	25	25	25	25	31	31	31	31	31	31	0	0	1074	464	3050						
LEHRHOOT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
REID	40	40	40	40	40	50	50	50	50	50	50	0	0	0	0	0						
TEAS & GLENVIEW PK	45	45	45	45	45	55	55	55	55	55	55	0	0	1151	719	3709						
NAMROG JIM	76	76	76	76	76	77	77	77	77	77	77	0	0	1647	800	4853						
HILL DRYING	0	0	0	0	0	0	0	0	0	0	0	0	0	1760	1190	5851						
HELSON CUREY	0	0	0	0	0	0	0	0	0	0	0	0	0	8	0	15						
TOTAL HELLO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
TO LUBBERG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
OTHER (ABOVE HEISE)	1056	1036	1004	1006	1006	1006	1006	1006	2937	2633	2444	2442	0	47475	44255	181946						
RELATIONS	1	1	1	1	1	1	1	1	1	1	1	0	0	42	50	182						
RELATIONS	1	1	1	1	1	1	1	1	1	1	1	0	0	29	25	107						
TOTAL (ABOVE HEISE)	76	76	76	76	76	76	76	76	76	76	76	0	0	1079	1055	4232						
ANY ADJUSTED	76	76	76	76	76	76	76	76	76	76	76	0	0	1150	1130	4522						

MONTH OF OCTOBER

TABLE 75
TOTAL DIVERSIONS IN CUBIC FEET PER SECOND

RUN DATE 02/22/79

NAME	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
CONANT CR CANAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
KEITH NYBORG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BOON CR CANAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SQUIRREL CR CANAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
URME	22	22	22	22	22	22	22	22	22	21	21	21	21	21	21	19	17	17
ENTERPRISE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BELL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FALL RIVER CANAL	155	155	90	90	90	90	90	90	90	70	70	70	70	70	70	70	70	70
CHESTER	8	8	10	10	10	10	10	10	10	18	18	18	18	18	18	41	41	41
SIDNEY	1	1	1	1	1	1	1	1	1	7	7	7	7	7	7	7	8	8
CURR	15	15	15	15	15	15	15	15	15	9	9	9	9	9	9	7	7	7
TOTAL SQUIRREL TO CHESTER	201	201	138	138	138	138	138	138	142	125	125	125	125	125	125	144	143	143
LAST CHANCE	65	65	62	59	59	59	59	59	59	55	55	55	55	55	55	55	24	24
CROSSCUT AT HEAD	97	97	95	96	96	96	96	96	96	81	81	81	81	81	81	82	86	86
FARMERS FRIEND	40	40	37	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34
TWIN GROVES	57	57	56	56	56	56	56	56	56	57	57	57	57	57	57	57	56	56
ST ANTHONY UNION FDR	25	25	41	57	57	57	57	57	57	10	10	10	10	10	10	10	12	14
SALEM UNION	52	52	49	49	49	49	49	49	49	48	48	48	48	48	48	48	46	46
TOTAL ASHTON TO ST ANTHONY	336	336	340	351	351	351	351	351	351	285	285	285	285	285	285	288	260	260
EGIN	89	89	92	96	96	96	96	96	96	83	83	83	83	83	83	83	83	0
ST ANTHONY UNION	64	64	32	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INDEPENDENT	106	106	104	102	102	102	102	102	102	15	15	15	15	15	15	8	0	0
CONSOLIDATED FARMERS	69	69	67	65	65	65	65	65	65	70	70	70	70	70	70	70	66	66
CANYON CR CANAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CANYON CR LAT. USERS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL TETON R. ABV ST ANTHONY	328	328	295	273	263	263	263	263	263	168	168	168	168	168	168	191	209	126
WILFORD	28	28	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
GOOD LUCK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TETON IRRIGATION	38	38	41	41	41	41	41	41	41	39	39	39	39	39	39	39	40	40
SIDDOWAY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PIONEER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
STEWART	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
PINCUEK-BYINGTON	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
TETON ISLAND FEEDER	146	146	146	146	146	146	146	146	146	136	136	136	136	136	136	136	134	133
NORTH SALEM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ROXANA	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
ISLAND WARD	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
SAUREY	20	20	20	19	19	19	19	19	19	18	18	18	18	18	18	18	18	18
MCCORMICK-KUWE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PINCUEK-GARNER	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
BIGLER SLOUGH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WOODMANSEE-JOHNSON	4	4	4	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4
CITY OF REABURG	3	3	4	4	4	4	4	4	4	2	2	2	2	2	2	2	2	2
REABURG IRRIGATION	103	103	102	102	102	102	102	102	102	94	94	94	94	94	94	94	92	91
TOTAL TETON R. BLW ST ANTHONY	350	350	341	340	340	340	340	340	340	318	318	318	318	318	318	318	314	312

TABLE 75 (continued)
MONTH OF OCTOBER

TOTAL DIVERSIONS IN CUBIC FEET PER SECOND												RUN DATE 02/22/79		TOTALS		
NAME	19	20	21	22	23	24	25	26	27	28	29	30	31	CFS DAYS 1-15	CFS DAYS 16-31	AC FT
CONANT CR CANAL, KEITH NYBURG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BUON CR CANAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SQUIREL CR CANAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
URME	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ENTERPRISE	17	17	17	17	17	17	17	17	17	17	17	17	17	324	257	1152
BELL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FALL RIVER CANAL	70	70	70	70	70	70	70	70	70	70	70	70	70	1360	1050	4780
CHESTER	41	41	41	41	39	39	39	39	39	39	39	39	39	198	599	1580
SILKEY	8	8	8	8	7	7	7	7	7	7	7	7	7	51	111	321
CURR	7	7	7	7	3	3	3	3	3	3	3	3	3	189	73	519
TOTAL SQUIREL TO CHESTER	143	143	143	143	136	136	136	136	136	136	136	136	136	2122	2090	8354
LAST CHANCE	24	24	24	24	21	21	21	21	21	21	21	21	21	876	367	2465
CROSSCUT AT HEAD	46	46	46	46	85	85	85	85	85	85	85	85	85	1351	1278	5214
FARMERS FRIEND	34	34	34	34	34	34	34	34	34	34	34	34	34	525	510	2052
TWIN GROVES	56	56	56	56	50	50	50	50	50	50	50	50	50	848	793	3254
ST ANTHONY UNION FDP	14	14	14	14	12	10	10	10	10	10	10	10	10	493	178	1330
SALEM UNION	46	46	46	46	5	5	5	5	5	5	5	5	5	735	364	2179
TOTAL ASHTON TO ST ANTHONY	260	260	260	260	207	205	205	205	205	205	205	205	205	4828	3490	16498
EGIN	0	0	0	0	0	0	0	0	0	0	0	0	0	1344	166	2995
ST ANTHONY UNION	60	60	60	60	56	56	56	56	56	56	56	56	56	170	838	1999
INDEPENDENT	0	0	0	0	0	0	0	0	0	0	0	0	0	1018	8	2035
CONSOLIDATED FARMERS	66	66	66	66	63	63	63	63	63	63	63	63	63	1015	970	3937
CANYON CR CANAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CANYON CR LAT. USERS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL TETON R. ARV ST ANTHONY	126	126	126	126	119	119	119	119	119	119	119	119	119	3547	1582	10966
WILFORD	16	16	16	16	16	6	6	6	6	6	6	6	6	264	170	860
GOOD LUCK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TETON IRRIGATION	40	40	40	40	40	29	29	29	29	29	29	29	29	597	522	2219
SIDOWAY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PIUNER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
STEWART	2	2	2	2	2	2	2	2	2	2	2	2	2	30	30	119
PINCOCK-BYINGTON	1	1	1	1	1	1	1	1	1	1	1	1	1	15	15	59
TETON ISLAND FFDWR	133	133	133	133	133	136	136	136	136	136	136	136	136	2130	2020	8231
NORTH SALEM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ROXANA	0	0	0	0	0	0	0	0	0	0	0	0	0	30	3	65
ISLAND MAKU	4	4	4	4	4	3	3	3	3	3	3	3	3	30	43	144
SAUREY	18	18	18	18	18	18	18	18	18	18	18	18	18	282	270	1094
ACCURATE-KUWE	0	0	0	0	0	0	0	0	0	0	0	0	0	27	23	99
PINCOCK-GARBER	2	2	2	2	2	1	1	1	1	1	1	1	1	0	0	0
BIGLER SLOUGH	0	0	0	0	0	0	0	0	0	0	0	0	0	54	47	200
HOUDMANSEE-JOHNSON	3	3	3	3	3	3	3	3	3	3	3	3	3	46	43	176
CITY OF REXBURG	3	3	3	3	3	3	3	3	3	3	3	3	3	1484	1362	5645
REXBURG IRRIGATION	41	41	41	41	41	40	40	40	40	40	40	40	40	4989	4548	18916
TOTAL TETON R. BLW ST ANTHONY	312	312	312	312	292	292	292	292	292	292	292	292	292	4989	4548	18916

TABLE 76
TOTAL DIVERSEMENTS IN CUBIC FEET PER SECOND

MOUTH OF OCHONER

RUN DATE 02/22/79

NAME	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
BUTTE & MARKET LAKE	129	123	123	118	112	105	104	99	97	99	95	89	89	89	85	76	75	87
BEAR TRAP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OSGOOD	9	63	66	62	60	56	33	0	0	0	0	0	9	38	42	41	20	0
KENNEDY	7	7	7	7	7	7	7	7	7	7	4	0	0	0	0	0	0	0
GREAT WESTERN	310	304	306	306	295	280	276	280	276	267	250	240	239	239	239	237	203	179
BEAR ISLAND	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
IDAHO	560	524	484	484	405	347	344	342	342	440	504	504	437	380	382	380	378	375
PORTER	194	195	194	194	195	197	190	185	185	175	161	150	146	147	146	140	128	110
TOTAL LORENZO TU	1209	1216	1180	1171	1075	992	954	913	907	968	1014	983	921	893	894	874	804	751
ABV WILLOW CR																		
LOBERTSHEN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LOVETT'S PUMP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FERGUSON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LOVETT NO 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MALLACE REID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SARGENT & SUMMER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DORICH PUMPS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
REED PUMPS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SPERRY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ORVAL AVERY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ROY AVERY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
STUKEY PUMPS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ROY COOPER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PROGRESSIVE SAND CR	259	259	259	247	247	247	247	247	247	247	247	247	247	247	247	247	270	270
IDAHO SAND CR	10	10	10	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
PROGRESSIVE WILLOW CR	102	102	102	82	82	82	82	82	82	82	64	47	47	47	47	47	47	47
TOTAL WILLOW CREEK	371	371	371	348	348	348	348	348	348	330	313	313	313	313	313	336	336	336
WOODVILLE	49	51	52	52	53	53	53	53	53	52	52	53	54	54	54	54	56	54
SNAKE RIVER VALLEY	426	427	460	476	469	440	438	438	453	460	451	432	434	435	434	434	443	426
TOTAL WILLOW CREEK	475	478	512	528	522	493	491	491	506	512	503	485	488	489	488	488	499	480
TO SHELLEY																		
RESERVATION	312	316	311	308	268	227	226	223	302	375	362	344	309	425	544	525	442	121
BLACKFOOT	212	212	212	212	230	230	230	230	230	230	230	239	239	239	239	239	239	239
NEW LAVA SLUE	62	62	62	62	70	70	70	70	70	70	70	54	54	54	54	54	54	54
PEOPLES	279	279	279	279	200	200	200	200	200	200	200	192	192	192	192	192	192	192
ABERDEEN	633	633	650	669	659	666	666	673	673	656	650	650	650	646	643	643	646	643
CORBETT	124	124	124	124	110	110	110	110	110	110	110	113	113	113	113	113	113	113
NIELSEN-HANSEN	5	5	5	5	5	5	5	5	5	5	5	4	4	4	4	4	4	4
RIVERSIDE	85	85	85	85	93	93	93	93	93	93	93	91	91	91	91	91	91	91
DANSKIN	138	138	138	105	105	105	105	105	105	105	103	103	103	103	103	103	103	103
TREGO	51	51	51	51	53	53	53	53	53	53	53	53	53	53	53	53	53	53
WEARYICK	37	37	37	37	35	35	35	35	35	35	35	32	32	32	32	32	32	32
WATSON	87	87	87	87	74	74	74	74	74	74	74	71	71	71	71	71	71	71
PARSONS	25	25	25	25	24	24	24	24	24	24	24	28	28	28	28	28	28	28
TOTAL SHELLEY	2050	2054	2066	2049	1936	1892	1891	1895	1974	2030	2009	1974	1939	2051	2167	2148	2068	1732
TO BLACKFOOT																		

TABLE 76 (continued)

MONTH OF		TOTAL DIVERSIONS IN CUBIC FEET PER SECOND											RUN DATE		TOTALS		
NAME		19	20	21	22	23	24	25	26	27	28	29	30	31	CFS DAYS 1-15	CFS DAYS 16-31	AC FT
BUTTE & MARKET LAKE		85	84	99	98	105	104	120	112	116	113	112	104	0	1556	1494	6049
BEAR TRAP		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OSGUOD		0	0	0	0	0	0	0	0	0	0	0	0	0	438	61	989
KENNEDY		2	2	2	2	2	2	2	2	0	0	0	0	0	74	14	174
GREAT WESTERN		177	177	175	175	175	165	167	165	165	165	167	151	0	4109	2643	13392
BEAR ISLAND		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
IDAH0		338	366	366	368	373	373	373	378	375	378	385	293	0	6479	5499	23758
PORTER		107	107	107	107	109	110	110	110	110	111	110	95	0	2654	1671	8578
TOTAL LORENZO TU		107	107	107	107	109	110	110	110	110	111	110	95	0	2654	1671	8578
ABV WILLOW CR		709	736	749	750	764	758	772	765	766	762	774	643	0	15310	11382	52943
LOEKTSHER		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LOVETTS PUMP		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FERGUSON		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LOVETT NO 2		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WALLACE REID		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SARGENT & SUMNER		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DORICH PUMPS		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
REED PUMPS		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SPEERY		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ORVAL AVERY		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ROY AVERY		4	4	4	4	4	4	4	4	4	4	4	4	0	48	44	0
STUKEY PUMPS		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ROY COOPER		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PROGRESSIVE SAND CR		270	270	270	270	370	370	370	370	370	370	370	250	0	3741	4730	16802
IDAH0 FR SAND CR		15	15	15	15	15	15	15	15	15	15	15	15	0	210	225	862
PROGRESSIVE WILLOW CR		47	32	32	32	32	32	32	32	17	17	17	17	0	1097	480	3127
TOTAL WILLOW CREEK		336	321	321	321	421	421	421	421	402	402	402	282	0	5096	5479	20975
WOUDVILLE		53	53	53	53	54	54	53	54	54	55	55	30	0	788	785	3120
SNAKE RIVER VALLEY		414	413	411	410	414	414	392	382	382	385	388	396	0	6673	6104	25343
TOTAL WILLOW CREEK TO SHELLEY		467	466	464	463	468	468	445	436	436	440	443	426	0	7461	6889	28463
RESERVATION		1	1	1	1	0	0	0	0	0	0	0	0	0	4852	1092	11789
BLACKFOOT		191	191	191	191	191	191	191	201	201	301	301	301	0	3414	3359	13434
NEW LAVA SIDE		53	53	53	53	53	53	53	45	45	45	45	45	0	954	758	3395
PEOPLES		175	175	175	175	175	175	175	171	171	171	171	171	0	3284	2656	11781
ANDERSON		641	641	641	626	620	600	307	0	0	0	0	0	0	9827	6007	31406
CONNETT		111	111	111	111	111	111	111	108	108	108	108	108	0	1718	1656	6692
WILLOW-HANGER		1	1	1	1	1	1	1	4	4	4	4	4	0	71	39	218
RIVERBIDE		73	73	73	73	73	73	73	58	58	58	58	58	0	1355	1074	4817
HANGER		101	101	101	101	101	101	101	106	106	106	106	106	0	1664	1546	6367
THOU		53	45	45	45	45	45	45	42	42	42	42	42	0	787	692	2933
BEARTRICK		20	20	20	20	20	20	20	20	20	20	20	20	0	521	324	1676
WATSON		76	76	76	76	76	76	76	66	66	66	66	66	0	1150	1075	4413
PARSON		20	20	20	20	20	20	20	16	16	16	16	16	0	380	304	1356
TOTAL ANDERSON TO BLACKFOOT		1918	1910	1903	1893	1886	1866	1173	837	837	937	937	937	0	29977	20582	100283

TABLE 77

MONTH OF OCTOBER

MONTH OF OCTOBER

TOTAL DIVERSIONS IN CURIC FEET PER SECOND

RUN DATE 02/22/79

NAME	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
FT HALL MICHAUD	18	19	19	19	18	19	19	0	0	0	0	0	0	0	0	0	0	0
FALLS IRRIGATION	26	26	22	19	18	18	18	18	18	12	12	12	12	12	12	0	0	0
TOTAL BLACKFOOT	44	45	41	38	36	37	37	18	18	12	12	12	12	12	12	0	0	0
TO NEELEY																		
MINIDOKA NORTHSIDE	503	499	540	539	540	540	540	539	539	539	537	537	537	539	539	539	590	590
MINIDOKA SOUTHSIDE	488	478	534	512	511	507	507	504	501	501	501	501	496	496	496	491	491	491
TOTAL NEELEY	991	977	1074	1051	1051	1047	1047	1043	1040	1040	1038	1038	1033	1035	1035	1030	1081	1081
TO MINIDOKA																		
MINIDOKA NORTHSIDE PM	43	43	38	39	31	34	31	36	36	36	44	40	0	0	0	0	0	0
P A LATERAL	0	30	30	30	30	30	30	30	30	30	0	0	0	0	0	0	0	0
MILNER LOW LIFT	50	50	50	50	50	50	50	50	50	50	0	0	0	0	0	0	0	0
A LATERAL	10	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
N S CROSSCUT	760	760	980	850	850	850	850	845	845	845	845	845	845	845	845	845	845	845
GOUDING BLW NORTHSIDE	840	840	850	845	845	845	845	845	845	845	845	845	845	845	845	845	845	845
TWIN FALLS NORTHSIDE	320	320	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TWIN FALLS SOUTHSIDE	1095	1115	1230	1245	1270	1230	1135	1125	1135	1145	1145	1135	1145	1200	1170	1150	1195	2130
TOTAL MINIDOKA	3118	3173	3193	3074	3091	3054	3056	3051	3061	3071	2154	2280	2250	2305	2275	2255	2260	4370
TO MILNER																		
FT HALL MICHAUD	0	0	0	0	0	0	0	0	0	0	0	0	0	131	0	259		259
FALLS IRRIGATION	0	0	0	0	0	0	0	0	0	0	0	0	0	255	0	505		505
TOTAL BLACKFOOT	0	0	0	0	0	0	0	0	0	0	0	0	0	386	0	765		765
TO NEELEY																		
MINIDOKA NORTHSIDE	592	488	488	490	490	488	487	442	442	0	0	0	0	8007	6126	28032		28032
MINIDOKA SOUTHSIDE	213	111	235	236	236	236	232	231	231	0	0	0	0	7533	3434	21753		21753
TOTAL NEELEY	805	599	723	726	726	724	719	673	673	0	0	0	0	15540	9560	49785		49785
TO MINIDOKA																		
MINIDOKA NORTHSIDE PM	0	0	0	0	0	0	0	0	0	0	0	0	0	451	0	894		894
P A LATERAL	0	0	0	0	0	0	0	0	0	0	0	0	0	270	0	535		535
MILNER LOW LIFT	0	0	0	0	0	0	0	0	0	0	0	0	0	500	0	991		991
A LATERAL	15	15	15	15	15	15	10	10	10	10	10	10	10	220	195	823		823
N S CROSSCUT	910	910	910	910	910	900	850	830	830	830	830	830	830	13600	13220	53197		53197
GOUDING BLW NORTHSIDE	140	140	210	210	210	230	230	230	230	230	230	230	230	9005	2940	23692		23692
TWIN FALLS NORTHSIDE	0	0	0	0	0	0	0	0	0	0	0	0	0	640	1175	3600		3600
TWIN FALLS SOUTHSIDE	1175	1085	1070	1085	1120	1080	1165	1180	1180	1180	1180	1180	1180	17520	15845	66179		66179
TOTAL MINIDOKA	2240	2150	2205	2220	2255	2225	2255	2250	2250	2250	1095	1095	0	42206	33375	149914		149914
TO MILNER																		

TABLE 79
MISCELLANEOUS STREAMFLOW RECORDS - JULY

UPPER TETON RIVER	No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Trail Ck abv String Canal	1				257			212			199			191					168				142					126				
Game Ck nr Mouth	2				102			76			98			80						72			54					42				
Game Ck Pipeline	3				19			23			21			21						19			19					19				
String Canal (Incl Warm Ck)	4				16			18			10			18						12			12					11				
Trail Ck Pipeline	5				42			43			37			36						39			18					43				
Kimball	6										3												7									
Town	7																															
Humble	8																															
Tonks	9																															
Fox Ck abv Diversions	10				53							70		70						59			50					44				
North Canal abv Pipeline	11				26							30		30						28			23					31				
Center Canal	12				30							38		42						22			32					23				
Darby Ck abv Diversions	13							199				210		202						195			132					106				
Winger Canal (Wyo)	14							6				8		9						6			6					8				
Hill	15				22			34				25		25						25			36					30				
Todd	16				29			32				34		32						32			22					19				
Cannon	17																															
Cherry Grove	18				30							41		33						30			15					10				
Teton Ck abv Diversions	19				600			540				560		530						540			430		400			350			325	
Will Ck	20				23			22				20		17						16			12		11			11				
North Canal	21				37			35				34		32						30			21		37			36			35	
South Canal	22				30			30				29		27						29			29		30			30			23	
Waddell	23				10			10				10		10						10			9		9			9			9	
Total Wyo Diversions	24				77			75				73		69						69			61		76			75			67	
Grand Teton Canal	25				242			207				210		193						173			160		173			173			170	
Teton Ck blw Grand Teton Canal	26				360			350				355		350						355			275		240			157			135	
Central Canal (Idaho)	27				18			16				15								8			4		3			3			2	
Price-Fairbanks	28				28							26								28			26		22			16				
Drake	29																															
Grove	30																															
Bouquet	31																															
Henderson	32																															
South Twin	33																															
North Twin	34																															
Mahogany	35											16																				
Horseshoe	36											13																				
Horseshoe	36											13																				
Packsaddle	37																															
Patterson	38																															
South Leigh Ck at State Line	39											126												73								
Leigh Ck Canal abv State Line	40											85											47									
Kilpack	41											0												4								
Desert	42																															
Gale-Moffat	43																															
Bell-McCracken	44																															
Black	45																															
N. Leigh Ck at Forest Svc Boundary	46											256												88				65				
North	47																															
Weaver	48											14												8				8				
Si Ditch	49											19																14				
Center	50											11																5		11		
Hubbard	51																															
Spring Ck at Highway	52																															
Tetonia	53																															
Breckenridge	54																															
Hanks	55																															
Blair	56																															
Fullmer	57																															
Badger Ck at Rammel Road	58											90																				
Haden	59																															
Phillip	60																															
Ricks	61																															
Stewart	62																															
Ward	63																															
MAIN RIVER & HENRYS FORK																																
Palisades Canal	64				138							116																				
Palisades Ck blw Canal	65				49																											
Rainey Ck above Diversions	66				67																											
Market Lake Springs	67																															
Squirrel Creek Canal	68	27	28	30	30	32	27	25	25	26	26	25	23	23	24	25	24	23	20	19	28	28	28	25	22	21	19	17	15	21	13	12
Room Creek Canal	69	9	10	10	10	10	10	10	10	10	10	10	10	10	9	10	10	10	10	10	10	11	11	11	10	10	10	10	10	10	9	9
Conant Creek Canal	70	31	31	31	31	31	29	31	31	24	31	31	24	24	24	29	29	29	29	36	36	31	33	32	32	32	31	32	32	21	31	31

TABLE 78
MISCELLANEOUS STREAMFLOW RECORDS - JUNE

UPPER TETON RIVER	No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Trail Ck abv String Canal	1														270					239		285								247			
Game Ck nr Mouth	2														104					104		166								94			
Game Ck Pipeline	3														19					18		19								19			
String Canal (Incl Warm Ck)	4														7							7								8			
Trail Ck Pipeline	5														45							46								50			
Kimball	6																										3						
Town	7																																
Humble	8																																
Tonks	9																																
Fox Ck abv Diversions	10									93													110										
North Canal abv Pipeline	11									21													32										
Center Canal	12									36													30										
Darby Ck abv Diversions	13		64																				290										
Winger Canal (Wyo)	14																						1										
Hill	15		7																														
Todd	16		12																				38										
Cannon	17																																
Cherry Grove	18		6																														
Teton Ck abv Diversions	19				280	415							390						450			540	43		640		455		710				
Mill Ck	20				24	33							24						25			30			30		20		28				
North Canal	21				10	6							13						13			22			27		12		37				
South Canal	22				14	22							24						17			23			30		30		32				
Waddell	23				3	3							0						10			10			10		10		10				
Total Wyo Diversions	24				27	31							37						30			55			62		74		94				
Grand Teton Canal	25				221	267							235						231			296			251		252		278				
Teton Ck blw Grand Teton Canal	26				97	250							225						300			330			400		250		400				
Central Canal (Idaho)	27				33	27																											
Price-Fairbanks	28				12																												
Drake	29																																
Grove	30																																
Bouquet	31																																
Henderson	32																																
South Twin	33																																
North Twin	34																																
Mahogany	35									61																					30		
Horseshoe	36	31													30																16		
Packsaddle	37																														18		
Patterson	38									8																					4		
South Leigh Ck at State Line	39																																
Leigh Ck Canal abv State Line	40																					68					70						
Kilpack	41																																
Desert	42																																
Gale-Moffat	43																																
Bell-McCracken	44																																
Black	45																																
N. Leigh Ck at Forest Svc Boundary	46																																
North	47																																
Weaver	48																																
Si Ditch	49																																
Center	50																																
Hubbard	51																																
Spring Ck at Highway	52																																
Tetonia	53																																
Breckenridge	54																																
Hanks	55																																
Blair	56																																
Fullmer	57																																
Badger Ck at Rammel Road	58																																
Haden	59																																
Phillip	60																																
Ricks	61																																
Stewart	62																																
Ward	63																																
MAIN RIVER & HENRY'S FORK																																	
Palisades Canal	64		2							4																							
Palisades Ck blw Canal	65																																
Rainey Ck above Diversions	66																																
Market Lake Springs	67																																
Squirrel Creek Canal	68												5																				
Boom Creek Canal	69																																
Conant Creek Canal	70																																

TABLE 80
MISCELLANEOUS STREAMFLOW RECORDS - AUGUST

UPPER TETON RIVER	No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Trail Ck abv String Canal	1			98				75	83							80								75									43
Game Ck nr Mouth	2			14				13	12							8								5									4
Game Ck Pipeline	3			17				19	19							17								16									31
String Canal (Incl Warm Ck)	4			12				11		11						10								11									2
Trail Ck Pipeline	5			40				43		41						38								39									21
Kimball	6																																
Town	7							10																									
Humble	8																																
Tonks	9																																
Fox Ck abv Diversions	10			10				0					0			0							0										
North Canal abv Pipeline	11			23				20	23				19			17							15										9
Center Canal	12			14				11	9				12			7							5										5
Darby Ck abv Diversions	13																																
Winger Canal (Wyo)	14			5					6				5			4																	2
Hill	15			11						24				36		26								26									19
Todd	16			23				13					8			10							9										8
Cannon	17																																
Cherry Grove	18			2				0																									
Teton Ck abv Diversions	19			210			191		180		150					108	150						95		77						70		
Mill Ck	20			3			3		2		2					2	3						3		1								1
North Canal	21			26			22		24		23					21	8						6		5								5
South Canal	22			20			20		20		21					15	15						6		5								10
Waddell	23			8			7		7		6					4	7						5		4								3
Total Wyo Diversions	24			54			49		51		50					40	30						17		14								18
Grand Teton Canal	25			125			111		109		88					71	102						78		66								57
Teton Ck blw Grand Teton Canal	26			20			20		0																								
Central Canal (Idaho)	27			2			0																										
Price-Fairbanks	28			2			0																										
Drake	29																																
Grove	30																																
Bouquet	31																																
Henderson	32																																
South Twin	33																																
North Twin	34																																
Mahogany	35								9							9																	
Horseshoe	36										9																						
Packsaddle	37			3				3							2																		
Patterson	38								3																								
South Leigh Ck at State Line	39					30					23						25							23									20
Leigh Ck Canal abv State Line	40					23			16		14		14				23							14									14
Kilpack	41					1					1		5				0																
Desert	42																																
Gale-Moffat	43														2																		
Bell-McCracken	44																																
Black	45																																
N. Leigh Ck at Forest Svc Boundary	46					31			23										29														14
North	47																																
Weaver	48					2			0																								
SI Ditch	49					10			5																								
Center	50					5																											
Hubbard	51																																
Spring Ck at Highway	52																																
Tetonia	53																																
Breckenridge	54									2																							
Hanks	55																																
Blair	56																																
Fullmer	57																																
Badger Ck at Rammel Road	58																																
Haden	59																																
Phillip	60									10																							
Ricks	61																																
Stewart	62																																
Ward	63																																
MAIN RIVER & HENRYS FORK																																	
Palisades Canal	64			127									116																				
Palisades Ck blw Canal	65																																
Rainey Ck above Diversions	66			54									49																				
Market Lake Springs	67																																
Squirrel Creek Canal	68			12	11	16	17	17	16	15	14	13	13	12	12	18	23	16	15	26	18	12	10	4	4	4	4	4	4	4	4	4	
Boom Creek Canal	69			8	8	10	8	8	8	7	7	7	7	7	7	8	10	8	7	9	9	7	8	4	4	4	4	4	4	4	4	4	
Conant Creek Canal	70			21	21	27	27	27	29	29	29	29	29	29	29	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	

TABLE 81
MISCELLANEOUS STREAMFLOW RECORDS - SEPTEMBER

UPPER TETON RIVER	No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Trail Ck abv String Canal	1			63					58						53				55													
Game Ck nr Mouth	2	7							7										6													
Game Ck Pipeline	3	9							9										9													
String Canal (Incl Warm Ck)	4																															
Trail Ck Pipeline	5																															
Kimball	6																															
Town	7																															
Humble	8																															
Tonks	9																															
Fox Ck abv Diversions	10		0													0			0													
North Canal abv Pipeline	11		9													6			6													
Center Canal	12	5														5			5													
Darby Ck abv Diversions	13																															
Winger Canal (Wyo)	14				2											2			2													
Hill	15		17													15			15													
Todd	16		8				8									8			8													
Cannon	17																															
Cherry Grove	18																															
Teton Ck abv Diversions	19	70			70				70																							
Mill Ck	20		1		2				1										1													
North Canal	21		9		9				8																							
South Canal	22		10		10				9																							
Waddell	23		2		2				1																							
Total Wyo Diversions	24	21			21				18																							
Grand Teton Canal	25	59			44				42																							
Teton Ck blw Grand Teton Canal	26																															
Central Canal (Idaho)	27																															
Price-Fairbanks	28																															
Drake	29																															
Grove	30																															
Bouquet	31																															
Henderson	32																															
South Twin	33																															
North Twin	34																															
Mahogany	35							8																								
Horseshoe	36																															
Pack saddle	37																															
Patterson	38								1																							
South Leigh Ck at State Line	39								18																							
Leigh Ck Canal abv State Line	40								7																							
Kilpack	41																															
Desert	42																															
Gale-Moffat	43																															
Bell-McCracken	44																															
Black	45																															
N. Leigh Ck at Forest Svc Boundary	46		11						11																							
North	47																															
Weaver	48																															
Si Ditch	49								8																							
Center	50								4																							
Hubbard	51																															
Spring Ck at Highway	52																															
Tetonia	53																															
Breckenridge	54																															
Hanks	55																															
Blair	56																															
Fullmer	57																															
Badger Ck at Rammel Road	58																															
Haden	59																															
Phillip	60																															
Ricks	61																															
Stewart	62																															
Ward	63																															
MAIN RIVER & HENRYS FORK																																
Palisades Canal	64																															
Palisades Ck blw Canal	65																															
Rainey Ck above Diversions	66																															
Market Lake Springs	67																															
Squirrel Creek Canal	68																															
Boom Creek Canal	69																															
Conant Creek Canal	70	17	15	15	15	15	15	15	15	15	15	15	5	5	5	5	5	5	5	5	5	5	2	2	2	2	2	2	1	1	1	1