

**WATER DISTRIBUTION
OF
BOISE RIVER
DISTRICT 63
1985**

REPORT ON
CANAL DELIVERIES FROM
BOISE RIVER
AND
DIFFERENT FEATURES AFFECTING THESE
DELIVERIES FOR THE IRRIGATION SEASON
OF 1985

(DATA FOR THIS REPORT GATHERED BY THE
WRITER WHILE ACTING IN THE CAPACITY OF
WATERMASTER OF THE BOISE RIVER.)

(COOPERATIVE DATA ALSO FURNISHED BY
THE UNITED STATES BUREAU OF RECLAMATION.)

BY
HENRY KOELLING
WATERMASTER, BOISE RIVER

CHARTS

1. Shows daily discharge from Lucky Peak Reservoir for current year.
2. Shows the natural flow of the Boise River by days for the period from 1941 to date.
3. Shows mean daily flow of Boise River for an 80 year period.
- 3A. Shows natural flow for years when production exceeded 2,700,000.
4. Shows monthly and annual flow of Boise River in acre feet, for the irrigation year of 1894 to date.
5. Daily discharge of all canals for the irrigation season.
6. Summary chart in acre feet showing monthly and total canal diversion for the irrigation season.
7. Summary chart showing total annual diversions for all Boise Valley canals beginning in 1967.
8. Shows acre feet per acre diverted by Boise Valley canals for each irrigation season beginning 1965.
9. Shows acreage under all canals in the Boise Valley.
10. Storage used for the irrigation season.
11. Reservoir space allocation of all reservoirs located on the Boise River.
12. Shows daily discharge of all principal tributary streams feeding water to the Boise River below Diversion Dam for the irrigation season 1 April thru 15 October.
13. Summary chart in acre feet showing monthly and total drain discharges for the irrigation season.
14. Chart showing entire Boise River at Diversion Dam, canal deliveries, tributary gain, seepage gain and net gain, by months in acre feet, for the irrigation season.
15. Shows total discharge of all drains in Drainage District #2 for the irrigation season.
16. Chart showing total discharge of all drains in Drainage District #3 and #4 for the irrigation season.
17. Summary chart of the return flow to Boise River between Diversion Dam and Snake River for the last 15 years.
20. Shows distribution of drainage water to various canals.
21. Shows Intervenor Decrees on Boise River (Intervenor in the Stewart Decree) giving priority number, date and amount decreed.
22. Shows changes in point of diversions of decreed rights on the Boise River.
23. Shows transfers of decreed rights on the Boise River.
24. Condensed chart of Stewart Decree showing dates of priority and amount decreed.
25. Chart showing the Stewart, Intervenor and Bryan Decrees grouped under canal headings.
26. Charts in second feet showing the Stewart Decreed rights and the approximate natural flow needed to fill the rights to 100%, 75% and 60%.
27. Chart in second feet showing the Bryan Decreed rights and the approximate natural flow needed to fill the rights to 100%, 75% and 60%.

ORGANIZATION

THE ANNUAL MEETING OF WATER DISTRICT # 63 WAS HELD JANUARY 14, 1985 AT 10:00 A.M. IN THE VALLEY VIEW GRANGE HALL, ADA COUNTY, IDAHO.

MR HENRY KOELLING WAS ELECTED WATERMASTER AND WAS AUTHORIZED TO HIRE THE NECESSARY ASSISTANTS TO REGULATE THE DISTRIBUTION OF THE WATERS OF WATER DISTRICT # 63.

THE FOLLOWING WATERUSERS WERE ELECTED TO SERVE ON THE ADVISORY BOARD:

L.L. MURGOITIO, CHAIRMAN
J. HOWARD KENT, SECRETARY
JOHN GALE
MARTIN GALVIN
CARL GERMAN
FRED HOUSTON
WENDELL KNIGHT
L.C. MACE
NEIL STESSMAN
CHARLES YOST

ANY OTHER MEETINGS TO BE HELD DURING THE YEAR ARE SUBJECT TO CALL BY THE CHAIRMAN OF THE ADVISORY BOARD.

COOPERATIVE ASSISTANCE IS RENDERED BY THE BOISE PROJECT BOARD OF CONTROL IN CURRENT METER WORK FOR WHICH PROPER REMUNERATION IS MADE.

WE TAKE THIS OPPORTUNITY TO EXPRESS OUR APPRECIATION AND GRATITUDE FOR THE ASSISTANCE OF THE DEPARTMENT OF WATER RESOURCES AND THE CENTRAL SNAKE OFFICE OF THE BUREAU OF RECLAMATION.

DECREES

Stewart Decree:

The old water rights from the Boise River are included in the decree in the case of FARMERS COOPERATIVE DITCH COMPANY, a Corporation, vs. RIVERSIDE IRRIGATION DISTRICT, LTD., a Corporation, et al, signed by District Judge George H. Stewart, January 18, 1906, commonly referred to as the "Stewart Decree". This case was appealed to the Supreme Court and affirmed as to priorities and acreage, but remanded to the District Court for the sole and only purpose of determining the duty of water. In 1914 testimony was taken before the Court as to the duty of water and was transcribed, which consists of approximately 2,630 typewritten pages. The final decree of the court as to the duty of water has never been entered. However, Judge E. L. Bryan, Judge of the District Court of the Seventh Judicial District of the State of Idaho, issued a continuing order on May 31, 1919, which is still in effect, providing for the distribution of waters of the Boise River in the following manner, to-wit:

"The various rights, as adjudicated in the so-called "Stewart Decree", shall receive 100 percent, until the natural flow of the waters of the Boise River shall decrease, until all the rights in said decree cannot receive 100 percent, at which time the various rights as adjudicated in the so-called "Stewart Decree" shall first be cut to 75 percent of the amount of water decreed by the "Stewart Decree" as the natural flow of the Boise River decreases, beginning with the latest rights and proceeding to the

earliest rights in the order fixed in said Stewart Decree, and after all of the rights shall have been reduced to 75 percent of the amount fixed in the Stewart Decree, should the natural flow of the waters in Boise River decrease below the amount necessary to supply said 75 percent of the water rights as decreed in said Stewart Decree, then the various rights beginning with the latest and proceeding to the earliest, as aforesaid, shall be reduced to 60 percent of the amount specified in the Stewart Decree, and 60 percent of the amount decreed in the Stewart Decree is hereby fixed and determined as the highest duty of water for year 1919.

Bryan Decree:

In the SEVENTH JUDICIAL DISTRICT of the State of Idaho, Judge Ed. L. Bryan signed a decree on February 14, 1929, in the case of PIONEER IRRIGATION DISTRICT vs. AMERICAN DITCH ASSOCIATION, et al, commonly referred to as the "Flood Water Suit", or "Bryan Decree". All rights decreed in this case are made subsequent to the Stewart Decree. This case was appealed to the Supreme Court where it was upheld as to some of the rights involved but remanded to the District Court for retrial on the question of the duty of water and also for the purpose of determining certain other rights.

On January 30, 1932, Judge A. O. Sutton signed an order temporarily establishing the various rights in the Flood Water Suit and providing for a duty of water similar to the "Sliding Scale" in the Stewart Decree. On June 23, 1933, Judge Chas. E. Winstead of the THIRD JUDICIAL DISTRICT, sitting as Judge in the SEVENTH JUDICIAL DISTRICT for the State of Idaho, signed a continuing order making the order of Judge Sutton for 1932 effective for 1933 and continuing. This order has remained in effect since that time.

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Chart 26 relates to the Stewart Decree and shows the following information: Number of priority, name of canal presently diverting, amount of decree in second feet, showing 100 percent, 75 percent and 60 percent, and section of river in which point of diversion is located. It also shows the amount of natural flow necessary at Diversion Dam to fill the various rights in the Stewart Decree, including intervenors, to 60 percent 75 percent and 100 percent. It is assumed that the return flow to Sections 2 and 3 of the river would fill the rights with points of diversion in those sections of the river to 75 percent of the amount decreed.

Chart 27 shows the decreed rights contained in the Bryan Decree or Flood Water Decree. It shows the date of priority, name of water user to whom the decree was issued, amount of decree in second feet, showing 100 percent, 75 percent and 60 percent. It also shows the amount of natural flow necessary at Diversion Dam to fill the various rights in the Flood Water Decree to 60 percent, 75 percent and 100 percent.

TRIBUTARY GAIN

Data was gathered and compiled on all principal tributary streams feeding water to the Boise River below Mores Creek.

Chart 12 shows the daily discharge of the tributary streams.

Chart 13 shows a monthly summary of discharges of the drains.

NET GAIN

Chart 14 shows the total flow of the Boise River passing Diversion Dam, canal deliveries, and gain to the river by months in acre-feet.

RIVER FLUCTUATION

The river flow was very steady, there being very few fluctuations. A change of gates at Lucky Peak sometimes results in a slight change in

discharge. A remote control gage, which makes a permanent record and shows the gage height at all times in the power house at Diversion Dam, has been installed and it gives a fair record of the flow below Diversion Dam. It varies if the flow is changed from the generators to the roll gate or over the check boards.

CLASSIFICATION OF RIVER

The Boise River naturally divides itself into three separate and distinct parts. Section 1 includes the part of the river which lies between the Government Diversion Dam and the Caldwell High Line Canal about a mile below the town of Star. Section 2 includes that section which lies between the Caldwell High Line Canal and the Notus Bridge. Section 3 includes that part of the river between the Notus Bridge and the Snake River.

SECTION 1

Chart 14 shows the condition that existed in the entire river during the period July 1 to November 1. This section is under complete regulation by the watermaster. All water is measured and divided according to the decrees and licenses, which are set by the courts and State laws.

SECTION 2

All water in this section is measured, but operation is more liberal than in Section I, due to return flow, so regulation is somewhat relaxed with very little storage water required.

SECTION 3

This section of the river is operated without any regulation what so ever, but it is measured and recorded the same as Section I and 2.

The return flow to Section 3 was sufficient to take care of all rights in this section during most of the season, and therefore no regulations were required. In fact, during all the years on record on the distribution of the waters of Boise River, beginning with 1914, there has been only one year - 1931 - during which it was necessary to regulate diversions from this section of the river, and during that year it was not necessary to run water past the Notus Bridge to supply the rights below.

The final determination of the duty of water, both in the "Stewart Decree" and the "Bryan Decree", is still pending in the District Court at Caldwell, Idaho. The writer's views are pretty well expressed in the following quotations for "REPORT ON CONSUMPTIVE USE--NET DUTY OF WATER--As Related to the Proper Adjudication of Water Rights on the Boise River", by W. G. Steward. Mr. Steward was formerly employed by the United States Reclamation Service in charge of Hydrographic work on the Boise River, and also for several years he was an instructor at the University of Idaho on the same subject. He has made a very comprehensive study of the duty of water, especially on the Boise River, and was well qualified on that subject. For these reasons the following quotations are submitted with the endorsement of the writer:

1. "That a duty of water, if established, should be subject to change when conditions warrant. Conditions are continually changing. Our knowledge and methods of irrigation are improving. An arbitrary duty that would meet all requirements today might prove entirely inadequate fifty years from now. Posterity should not be handicapped by our present day limitations.
2. "A duty, if established now, should be construed to mean a headgate,

duty, or duty at the point of diversion.

3. "The best information at hand today would indicate that a duty, if established, should conform very closely to the so-called "sliding scale", as provided in the order issued by Judge Ed. L. Bryan on May 31, 1919. That if the present law does not permit the court to render a decision on the duty of water conforming closely with the above suggestions, the water users of the valley should arrange, by stipulation, for the delivery of water along the above suggested lines until such time as conditions have changed so as to warrant new distribution.

4. "That an exception to the "sliding scale" should be made in the case of porous-gravel, river bottom lands, lying adjacent to and under the upper section of the river as per the Stewart Decree, to the extent that these lands should be allowed to divert such amount of water as their crops require and at such times as it is needed, because no matter how much is diverted, all but a very small amount almost immediately returns to the river flow. Most canals have been required to purchase storage water to supplement their natural flow rights.

5. "That said lands entitled to above exceptions should be determined before a decree is entered or stipulation is signed."

The court order providing for the "sliding scale cuts", under which the Boise River has been operated for about fifty years, has proven very satisfactory when the entire valley is taken into consideration. This court order is given in full on Page 2 of this report.

Chart 6 shows the amount in acre-feet diverted each month and the total amount diverted for the season by the canals in the Boise Valley.

Chart 8 is a table showing acre-feet per acre diverted by Boise Valley canals for each irrigation season beginning in 1965. A similar record showing

the acre-feet per acre diverted for 50 principal canals in the Boise Valley, beginning 1916, and one beginning 1947, may be found in previous annual reports. The amount shown under the column "Acre Feet Per Acre" cannot be construed as a duty of water for the lands of the Boise Valley, due to the large and varying quantities of return flow water picked up by many of these canals.

DRAINAGE

Chart 15 shows the total drainage discharge for Drainage District No. 2 for the current season and a summary for the same. This drainage district embraces an area of 29,000 acres situated on the north side of Boise River between the City of Boise and the canyon near Caldwell.

Chart 16 is a table showing the discharge of all drains in both Drainage Districts No. 3 and No. 4. Drainage District No. 3, frequently referred to as the "South Boise Drainage District", is situated in South Boise. This district, comprising an area of 4,200 acres, has four drainage canals, all outlets emptying into the Boise River. Drainage District No. 4 frequently referred to as the "Thurman Drain", comprises an area of approximately 2,500 acres and is situated south of the Boise River and opposite the town of Eagle. This district has only one outlet to the Boise River.

Chart 17 is a table showing the average return flow to the Boise River for a 15 year period.

Chart 20 shows the method used in apportioning the drainage water to the various canals under the several court orders.

INTERVENORS

Chart 21 is a table showing the decrees obtained by intervenors in the case of Farmers Cooperative Ditch Company, Plaintiff, vs, Riverside Irrigation District, Ltd., et al, Defendants.

CHANGES IN POINT OF DIVERSION

Chart 22 is a table showing the change in the point of diversion of

decreed rights on the Boise River as recorded in the office of the State Department of Water Administration.

TRANSFERS

Chart 23 is a table showing the transfer of decreed rights on the Boise River as recorded in the office of the State Department of Water Administration.

STEWART DECREE

Chart 24 is a condensed table of the Stewart Decree.

Chart 26 is a table showing decreed rights contained in the Stewart Decree and the natural flow at the Diversion Dam necessary to fill the same.

STEWART AND BRYAN DECREES GROUPED ALPHEBETICAL BY CANAL HEADINGS

The tables, in charts, have been compiled for the benefit of those canal companies which have more than one date of priority. These tables also include the transfers and changes in point of diversion. They show the date and amount of each priority and the total amount decreed.

BRYAN DECREE

Chart 27 is a table showing decreed rights contained in the Bryan Decree and the natural flow necessary at the Diversion Dam to fill the same.

WATERSHED

The following is quoted from the 1947 report:

"The question of watershed protection will always be of paramount importance to the water users of Boise Valley. It is regrettable, however, that in matters of this kind the people of the valley generally are too much inclined to take the attitude of "Let George Do It". The preservation of present day water users but for generations yet to come, should have the

constant attention and consideration of all concerned. It is the opinion of the writer that this resource, which is of such importance to the entire populace of the Boise Valley, should remain under federal control.

FLOOD CONTROL

With three dams on the river, flood damage should be held to a minimum. There will still be some damage along the river from erosion until such time as protecting levees can be built in certain places on both banks of the river.

An agreement has been entered into between the Army Engineers, the Bureau of Reclamation and the water users whereby Arrowrock, Anderson and Lucky Peak Reservoirs will be used jointly for both irrigation and flood control. It is anticipated with this arrangement, the three reservoirs plus irrigation diversions will control the more frequent floods of 6,500 C.F.S. or less at Boise. However, although major floods will be regulated to a considerable degree, there is insufficient storage to control these more rare floods to river capacity and some flooding downstream will occur.

CANAL REGULATIONS

Canal regulation in 1985 began on June 15 and was required for the balance of the irrigation season. Chart 5 shows daily canal diversions in C.F.S. for the period of April 1 thru October 15.

Chart 6 shows the monthly and total diversions in acre feet for the Boise River for the irrigation season.

Chart 7 is a table showing the return flow, canal diversions, winter diversions and flood control loss for the entire Boise Valley for each season beginning 1967 to date. Previous reports show the same information from 1915 to 1966 inclusive.

BOISE RIVER NATURAL FLOW AND AVAILABLE WATER SUPPLY

The total Natural flow for the Boise River during the Calendar Year of 1985 was 1,591,189 acre feet and for the irrigation Year October 1, 1984 until 30 September, 1985 was 1,605,757 acre feet.

Irrigation was started on the Boise River system the 10th of April. The start was slow but, by the 1st of May, nearly all Canals were diverting at near capacity. The demand was strong until about 1 September, however some Canals reduced their diversions when storage water use was started. The heavy rains in early September greatly reduced the demand for water, however the New York Canal maintained a normal flow with most of the water being taken to Lake Lowell Reservoir. There was approximately 50,000 acre feet of water released in January and early February for flood control. All flood control releases ceased February 5, 1985. At the end of the spring runoff, we were about 17,000 acre feet short of filling all Reservoirs to capacity.

Some water was released in April and May to meet the need of irrigation in sections 2 and 3 of the River. By early June, the return flow was adequate to meet the demand for water in sections 2 and 3 of the River for the balance of the season.

The peak outflow from Lucky Peak Reservoir for the year was 4763 CFS. on May 4, 1985.

The Peak Natural flow of the Boise River was 9834 CFS. occurring on April 15, and the lowest flow was 306 CFS. on August 16, 1985.

STORAGE WATER

As of 31 December, 1985 there was 260,124 acre feet of stored water in Anderson Ranch Reservoir, 190,069 acre feet of stored water in Arrowrock Reservoir and 15,043 acre feet of stored water in Lucky Peak Reservoir for a total of 465,236 acre feet of stored water in the system.

On December 31, 1985, there was 304 CFS. being released from Anderson Ranch Reservoir, 252 CFS. from Arrowrock Reservoir and 312 CFS. from Lucky Peak Reservoir. The Natural flow of the Boise River on December 31, 1985 was 1024 CFS.

CONCLUSIONS

1. That the records and data as compiled in the Watermaster's report for the past fifty years should be continued.

2. That the river naturally divides itself into three sections during the low water period.

3. That the river can be completely dried up at the lower end of Section 1 without injury to the rights in Section 2 during the low water period of each irrigation year.

4. That the return flow is a vital factor and must be considered in the operation of the river.

5. That the transfer of water rights from Section 2 to Section 1 is injurious to the rights already existing in Section 1 and should not be permitted.

6. That the construction of drainage systems in the Boise Valley has changed the irrigation requirements within these districts.

7. That by reason of the construction of these drainage canals certain waters which were formerly lost through seepage, evaporation and deep percolation, or reached the river during the winter months, are probably now reaching the river during the irrigation season and made available for irrigation purposes.

8. That the question of protection of the Boise River watershed should have the constant attention and consideration of the people of this area.

9. That a reasonable program of research work should be continued by the U. S. Forest Service on the Boise River watershed for the purpose of determining to what extent the resources of the watershed may be utilized

without being injurious to the inherent rights of the water users who are dependent upon this resource for a livelihood.

10. That the knowledge and data upon which a permanent duty of water must necessarily be based are constantly being improved and increased.

11. That an arbitrary duty of water, if established, should be subject to change from time to time.

12. That the "Court Orders" under which the Boise River has been operated for approximately 50 years have proven very satisfactory to the Boise Valley as a whole.

13. That if the so-called "sliding scale" should be fixed by the Court as a permanent duty of water for the Boise Valley, then an exception to said "sliding scale" should be made in the case of certain river bottom lands.

14. That mining operations within the bed of the Boise River and its tributaries should not be permitted.

15. That efforts should continue to be made for the construction of protective levees to relieve erosion in certain low places along the river.

16. That some type of program should be adopted for annual repair and channel clearance of the Boise River.

17. That the diversion checks in the Boise River should be of the retractable type to allow free passage of flood control waters.

18. At the present time, 6500 cfs passing the Capital Blvd. Bridge in Boise is the maximum flow to prevent serious flooding downstream. Several years ago this amount of water caused little or no flooding. In March 1975 with a 5000 cfs flow passing Boise, some flooding was experienced, and as the flow increased, also the flooding. Every year the flooding seems to start at a smaller flow. It is my opinion that if some channel cleaning and debris removal is not started, then it is only a matter of time until we will be flooding some land in the Eagle Island area when passing the summer irrigation demand.

TABLE IN SECOND FEET SHOWING THE DAILY OUTFLOW OF LUCKY PEAK RESERVOIR FOR THE YEAR OF 1985

	JAN.	FEB.	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPT.	OCT.	NOV.	DEC.
1	1499	356	153	712	4259	4195	4449	4158	3824	2499	155	505
2	1499	357	153	623	4586	4143	4448	4105	3766	2504	155	505
3	1498	357	153	889	4741	4144	4447	4065	3733	2498	155	506
4	1498	357	153	1023	4763	4072	4447	4054	3663	2493	155	506
5	1498	222	153	1121	4762	4002	4447	4053	3611	2499	154	506
6	1498	153	153	1157	4759	3985	4447	4055	3505	2484	154	914
7	1498	153	153	1166	4754	3986	4427	4055	3384	2485	154	1092
8	1498	153	153	1288	4749	3986	4413	4054	3331	2492	154	1093
9	1499	153	153	1513	4691	4049	4413	4052	3207	2424	155	1209
10	1499	153	153	1596	4656	4182	4392	4054	3000	2136	155	1292
11	1499	153	153	1654	4651	4269	4362	4054	2853	1873	155	1758
12	1499	153	152	1758	4652	4352	4337	4052	2805	1788	340	1994
13	1499	153	151	1861	4650	4421	4329	4039	2726	1767	155	1980
14	1499	153	153	1898	4617	4439	4328	4004	2594	1747	154	1962
15	1499	153	153	2092	4534	4442	4316	3988	2530	1337	154	1948
16	1499	153	154	2406	4500	4445	4309	3966	2508	1194	154	1190
17	1499	153	154	2685	4397	4449	4308	3955	2506	1193	154	800
18	827	153	154	2986	4349	4480	4307	3959	2503	1193	154	800
19	357	153	156	3088	4372	4496	4294	3936	2504	1187	154	800
20	358	153	155	3093	4393	4496	4289	3925	2504	1176	154	800
21	356	153	156	3097	4391	4495	4290	3924	2500	328	154	799
22	356	153	157	3156	4328	4494	4287	3923	2506	0	154	797
23	356	153	158	3248	4292	4493	4250	3926	2500	0	154	492
24	355	153	158	3285	4363	4492	4243	3922	2500	53	154	309
25	355	153	156	3286	4397	4493	4243	3919	2502	154	154	309
26	354	153	155	3354	4394	4464	4242	3921	2504	154	153	310
27	353	153	156	3515	4396	4449	4240	3925	2503	154	154	310
28	355	153	156	3579	4394	4449	4239	3900	2505	155	154	311
29	355		155	3748	4394	4449	4237	3858	2503	155	368	312
30	354		160	4002	4328	4449	4235	3847	2497	155	504	312
31	355		166		4295		4210	3828		155		312
CFS.	30,937	5,180	4,811	68,894	139,821	129,775	134,236	123,492	86,089	40,443	5,391	26,735
AC. FT.	61,365	10,275	9,543	136,651	277,336	257,409	266,259	244,946	170,757	80,219	10,693	53,029

TOTAL CFS. 795,804

AC. FT. 1,578,482

NATURAL FLOW OF THE BOISE RIVER
IN SECOND FEET
BEGINNING 1981
JANUARY

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
1981	1595	1465	1391	1377	1346	1108	1132	806	1030	962	968	937	873	794	722	801	1235	1343	1349	1383	1305	1392	1331	1624	1592	1550	1316	2699	753	736	1091	36,274
1982	1445	1252	1174	1154	1282	1254	1082	1008	771	855	891	1119	1115	1325	1126	1301	1257	1295	1115	1293	838	847	979	1138	1347	1370	1055	1349	1055	899	974	35,255
1983	1038	1045	1115	1363	1746	1925	2781	3361	3056	3055	2411	2093	1922	1884	1735	1634	1774	1853	1779	1727	1648	1628	1655	1576	1612	1568	1473	1698	1533	1711	1508	57,368
1984	1637	1247	1461	1469	1760	1982	1646	1703	1203	1410	1074	1343	1211	1134	1317	1800	862	751	833	870	862	1136	1516	1518	1576	1624	1419	1429	1443	1328	41,306	
1995	946	821	847	946	1023	1154	1208	1228	1166	994	955	932	800	882	966	1040	1038	1013	1167	1128	1324	1091	1080	1028	910	844	916	1111	987	793	766	37,156

NATURAL FLOW OF THE HUDSON RIVER
IN SECOND FEET
BEGINNING 1980

TOTAL
47,145
93,272
57,541
47,459
20,765

	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
1980	1074	1218	1362	1506	1650	1794	1938	2082	2226	2370	2514	2658	2802	2946	3090	3234	3378	3522	3666	3810	3954	4098	4242	4386	4530	4674	4818	4962	5106
1981	1074	1218	1362	1506	1650	1794	1938	2082	2226	2370	2514	2658	2802	2946	3090	3234	3378	3522	3666	3810	3954	4098	4242	4386	4530	4674	4818	4962	5106
1982	1074	1218	1362	1506	1650	1794	1938	2082	2226	2370	2514	2658	2802	2946	3090	3234	3378	3522	3666	3810	3954	4098	4242	4386	4530	4674	4818	4962	5106
1983	1074	1218	1362	1506	1650	1794	1938	2082	2226	2370	2514	2658	2802	2946	3090	3234	3378	3522	3666	3810	3954	4098	4242	4386	4530	4674	4818	4962	5106
1984	1074	1218	1362	1506	1650	1794	1938	2082	2226	2370	2514	2658	2802	2946	3090	3234	3378	3522	3666	3810	3954	4098	4242	4386	4530	4674	4818	4962	5106
1985	1074	1218	1362	1506	1650	1794	1938	2082	2226	2370	2514	2658	2802	2946	3090	3234	3378	3522	3666	3810	3954	4098	4242	4386	4530	4674	4818	4962	5106

1986	1074	1218	1362	1506	1650	1794	1938	2082	2226	2370	2514	2658	2802	2946	3090	3234	3378	3522	3666	3810	3954	4098	4242	4386	4530	4674	4818	4962	5106
1987	1074	1218	1362	1506	1650	1794	1938	2082	2226	2370	2514	2658	2802	2946	3090	3234	3378	3522	3666	3810	3954	4098	4242	4386	4530	4674	4818	4962	5106
1988	1074	1218	1362	1506	1650	1794	1938	2082	2226	2370	2514	2658	2802	2946	3090	3234	3378	3522	3666	3810	3954	4098	4242	4386	4530	4674	4818	4962	5106
1989	1074	1218	1362	1506	1650	1794	1938	2082	2226	2370	2514	2658	2802	2946	3090	3234	3378	3522	3666	3810	3954	4098	4242	4386	4530	4674	4818	4962	5106
1990	1074	1218	1362	1506	1650	1794	1938	2082	2226	2370	2514	2658	2802	2946	3090	3234	3378	3522	3666	3810	3954	4098	4242	4386	4530	4674	4818	4962	5106
1991	1074	1218	1362	1506	1650	1794	1938	2082	2226	2370	2514	2658	2802	2946	3090	3234	3378	3522	3666	3810	3954	4098	4242	4386	4530	4674	4818	4962	5106
1992	1074	1218	1362	1506	1650	1794	1938	2082	2226	2370	2514	2658	2802	2946	3090	3234	3378	3522	3666	3810	3954	4098	4242	4386	4530	4674	4818	4962	5106
1993	1074	1218	1362	1506	1650	1794	1938	2082	2226	2370	2514	2658	2802	2946	3090	3234	3378	3522	3666	3810	3954	4098	4242	4386	4530	4674	4818	4962	5106
1994	1074	1218	1362	1506	1650	1794	1938	2082	2226	2370	2514	2658	2802	2946	3090	3234	3378	3522	3666	3810	3954	4098	4242	4386	4530	4674	4818	4962	5106
1995	1074	1218	1362	1506	1650	1794	1938	2082	2226	2370	2514	2658	2802	2946	3090	3234	3378	3522	3666	3810	3954	4098	4242	4386	4530	4674	4818	4962	5106

NATURAL FLOW OF THE BOJALE RIVER
IN SECOND FEET
BEGINNING 1981

YEAR	MARCH												TOTAL																			
	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
1981	1717	1716	1656	1526	1412	1534	1304	1343	1702	1728	1702	1479	1735	1800	1734	1937	1977	1836	1721	1740	2490	1785	2093	1813	1691	2107	2174	2305	2203	2183	2287	
1982	3895	4026	4647	4407	4167	3708	3634	3518	3538	3255	3660	4647	4634	4678	4433	4412	4091	3881	4075	3437	3486	3437	3437	3115	3177	3265	3445	4231	4250	4459	4441	4342
1983	3283	3703	3694	3694	5133	6122	5085	5673	4919	5154	5698	9567	9520	9994	9466	8451	6448	7379	5743	5042	4233	4919	4344	4084	3853	3674	3526	3664	3304	3756	4966	
1984	1653	1638	1768	1925	1634	1317	1978	2173	2443	2093	3317	3647	3636	3645	4476	4706	3736	4476	4440	4218	4420	6276	5653	5550	5369	5100	4728	4393	4718	2874	3816	
1985	1174	1216	1174	1096	1140	1098	1034	1084	1075	1105	1229	1156	1348	1399	1355	1774	1696	2127	2670	2665	2875	2571	2368	2116	2114	2171	2035	1814	1656	1724	1983	

NATURAL FLOW OF THE BOISE RIVER
IN SECOND FEET
BEGINNING 1501

YEAR	APRIL																														TOTAL
	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	
1981	2001	2326	2020	1776	1841	1777	1750	2018	1789	1868	1796	1650	1669	1646	1806	1948	2377	2358	3210	4740	6506	5998	5952	5347	6148	6153	5813	6283	5695	5877	
1982	4387	3855	3760	3604	3508	3701	3705	3177	2956	3264	3844	6690	9479	9526	9794	8393	7565	7000	6497	6008	5643	5955	6981	9080	10888	12035	12148	12763	13228	12770	
1983	5549	5499	5416	5212	4733	4478	4340	4231	4423	4413	4208	4197	4155	3967	3786	3953	4280	4825	5650	6350	7952	9120	10240	13460	17170	13229	10503	9242	8709	9118	
1984	3702	3489	4159	4478	4627	5082	5574	5584	5572	6422	6083	5359	4361	4848	4927	6088	9101	12940	13088	12510	10343	9635	9705	10718	10020	9667	8233	7286	6403	6251	
1995	1918	2878	4004	4385	4413	4984	5496	6349	7166	7792	8414	8220	8284	8827	9834	9041	8579	8283	7985	6648	5913	5244	4658	4325	3824	3658	3577	3758	4247	4900	

NATURAL FLOW OF THE BOISE RIVER
 IN SECOND FEET
 BEGINNING 1901
 MAY

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
1901	7127	8109	8145	7204	6354	5822	4578	4212	4200	3956	3699	3635	3278	3378	3366	3778	3421	3329	3840	4642	6037	5684	5863	6050	6103	7090	8003	7585	7290	7378	7758	121,649
1902	12646	13818	16658	19195	16185	14499	13585	13756	12543	11603	10876	10350	10224	10728	11891	13121	14853	15536	17269	16000	15207	14916	15614	15812	16118	17152	18325	16851	13999	11595	10075	441,824
1903	10363	11256	11308	11378	12338	14091	14161	12504	13700	10616	9489	8392	7662	7213	6998	7259	7642	7767	8935	9858	11192	13356	15010	16334	18592	21071	22715	22503	23432	24294	24121	415,550
1904	10324	5731	6234	5538	6526	6135	5251	5699	5137	6132	8173	8887	10800	14475	18974	22430	17707	15720	11179	14012	15277	15165	14029	13300	13173	12155	11467	12047	12327	13532	16366	353,052
1905	5806	7224	8516	9120	8015	7016	7003	7244	7373	6899	6382	5666	5319	5201	5152	5171	4903	5158	5868	6673	5952	6341	6803	7464	8187	7887	7613	7041	6604	6125	5372	205,315

NATURAL FLOW OF THE BOISE RIVER
IN SECOND FEET
BEGINNING 1981

YEAR	JUNE																														TOTAL
	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	
1981	7662	6790	6145	5933	5472	5288	5781	6321	6709	9620	6871	5552	5827	4768	4430	3970	3673	3551	3364	3427	3499	3426	3247	3285	2992	2821	2752	2654	2497	2270	
1982	8955	9264	9221	9528	9735	9154	8548	7932	7541	7446	7921	8898	10624	12158	12654	13228	14365	14882	15017	15002	14252	13928	14015	13501	12981	12311	11565	12511	12373	11761	
1983	21968	19863	17767	16984	17511	16652	15852	15474	16134	17002	16620	17426	14772	12537	10936	10946	11239	11034	11442	10237	8901	8218	7689	8436	9826	9260	8614	9741	9197	8440	
1984	18300	15260	13410	11972	11234	10701	10899	10173	9436	8513	7833	7507	7156	7058	7094	7728	8996	10256	10175	10231	12456	11608	10204	9067	9113	10105	10547	10472	10047	10394	
1985	5067	4611	4397	4306	4620	4957	5122	5602	5326	4949	4479	4467	4424	4434	4166	4106	3962	3798	3428	3524	3167	2853	2553	2314	2410	2171	2090	1899	1871	1706	

NATURAL FLOW OF THE HOUSE RIVER
IN SECOND FEET
BEGINNING 1981

YEAR	JULY																															TOTAL
	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	
1981	2174	2402	1889	1830	1834	1942	1991	1804	1591	1632	1330	1166	1628	1249	1215	1260	1243	1176	1106	1169	1135	1085	1015	907	874	882	875	807	729	724	723	
1982	10057	10171	9220	9058	8941	7249	6381	6522	6243	5979	5566	5281	5611	5976	6106	5311	4716	4261	4052	4032	3884	3734	3578	3581	3095	2983	2912	2738	3054	2749	2696	
1983	7898	9571	10624	8080	7130	7130	7568	8039	7398	7267	6769	5498	5284	5284	5283	5287	4678	4105	3966	3790	3458	3340	3465	3438	3345	3310	3030	2722	2555	2382		
1984	5472	7594	7512	6890	7003	6039	5885	5934	5445	4932	4378	4052	3874	3658	3430	3324	3165	2941	2868	2727	2665	2514	2019	3983	2949	2567	2462	2445	2634	2549	2216	
1985	1773	1637	1664	1566	1498	1370	1215	1384	1310	1277	1247	1290	1232	1191	1111	1106	1011	1017	997	1004	928	940	978	815	856	827	737	654	1307	1191	1498	

NATURAL FLOW OF THE BOISE RIVER
IN SECOND FEET
BEGINNING 1981

YEAR	AUGUST																															TOTAL
	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	
1981	778	656	554	419	465	485	579	553	590	413	679	628	666	906	272	384	669	836	704	722	799	786	648	694	703	577	572	639	562	589	661	
1982	2405	2205	2122	2053	1853	1868	1977	1838	1854	1628	1580	1721	1482	1449	1422	1427	1514	1439	1392	1307	1421	1289	1346	1180	1062	1132	984	919	986	1044		
1983	2447	2300	2106	2157	2146	1891	1935	1704	1967	1897	2274	2403	2263	2145	1042	1727	1808	1577	1468	1364	1759	1604	1636	1736	1637	1340	1293	1214	1211	1212	1128	
1984	2070	2013	2083	1853	1904	1780	1688	1655	1591	1616	1419	1698	1497	1447	1403	1333	1319	1650	902	1109	1129	1150	1165	977	1198	1006	1063	964	976	978		
1985	821	1075	853	828	850	697	471	433	406	378	506	520	839	848	819	366	587	610	649	513	647	634	641	766	552	782	467	797	711	785	629	

NATURAL FLOW OF THE BOSTON CANAL
BY SECOND FEET
BEGINNING 1941

YEAR	SEPTEMBER												TOTAL																	
	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
1941	305	298	505	375	520	362	547	375	372	534	377	574	380	536	375	397	544	526	350	545	606	530	577	565	793	807	571	779		
1942	1340	1274	1204	1214	1232	1237	1247	1247	1247	1247	1247	1247	1247	1247	1247	1247	1247	1247	1247	1247	1247	1247	1247	1247	1247	1247	1247	1247	1247	1247
1943	1307	1281	1281	1281	1281	1281	1281	1281	1281	1281	1281	1281	1281	1281	1281	1281	1281	1281	1281	1281	1281	1281	1281	1281	1281	1281	1281	1281	1281	1281
1944	1204	1204	1204	1204	1204	1204	1204	1204	1204	1204	1204	1204	1204	1204	1204	1204	1204	1204	1204	1204	1204	1204	1204	1204	1204	1204	1204	1204	1204	1204
1945	405	756	978	787	785	784	941	1437	1472	1270	1270	1430	1286	1316	1000	2760	1220	1100	1022	956	1251	944	1045	1157	862	977	1022	947		

NATURAL FLOW OF THE BRUCE SLIVER
IN SQUARE FEET
BELOWING 1900

STATION	DISTANCE															TOTAL
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
1014																
1015	260	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000
1016	280	320	370	420	470	520	570	620	670	720	770	820	870	920	970	1020
1017	300	340	390	440	490	540	590	640	690	740	790	840	890	940	990	1040
1018	320	360	410	460	510	560	610	660	710	760	810	860	910	960	1010	1060
1019	340	380	430	480	530	580	630	680	730	780	830	880	930	980	1030	1080
1020	360	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100
1021	380	420	470	520	570	620	670	720	770	820	870	920	970	1020	1070	1120
1022	400	440	490	540	590	640	690	740	790	840	890	940	990	1040	1090	1140
1023	420	460	510	560	610	660	710	760	810	860	910	960	1010	1060	1110	1160
1024	440	480	530	580	630	680	730	780	830	880	930	980	1030	1080	1130	1180
1025	460	500	550	600	650	700	750	800	850	900	950	1000	1050	1100	1150	1200
1026	480	520	570	620	670	720	770	820	870	920	970	1020	1070	1120	1170	1220
1027	500	540	590	640	690	740	790	840	890	940	990	1040	1090	1140	1190	1240
1028	520	560	610	660	710	760	810	860	910	960	1010	1060	1110	1160	1210	1260
1029	540	580	630	680	730	780	830	880	930	980	1030	1080	1130	1180	1230	1280
1030	560	600	650	700	750	800	850	900	950	1000	1050	1100	1150	1200	1250	1300
1031	580	620	670	720	770	820	870	920	970	1020	1070	1120	1170	1220	1270	1320
1032	600	640	690	740	790	840	890	940	990	1040	1090	1140	1190	1240	1290	1340
1033	620	660	710	760	810	860	910	960	1010	1060	1110	1160	1210	1260	1310	1360
1034	640	680	730	780	830	880	930	980	1030	1080	1130	1180	1230	1280	1330	1380
1035	660	700	750	800	850	900	950	1000	1050	1100	1150	1200	1250	1300	1350	1400
1036	680	720	770	820	870	920	970	1020	1070	1120	1170	1220	1270	1320	1370	1420
1037	700	740	790	840	890	940	990	1040	1090	1140	1190	1240	1290	1340	1390	1440
1038	720	760	810	860	910	960	1010	1060	1110	1160	1210	1260	1310	1360	1410	1460
1039	740	780	830	880	930	980	1030	1080	1130	1180	1230	1280	1330	1380	1430	1480
1040	760	800	850	900	950	1000	1050	1100	1150	1200	1250	1300	1350	1400	1450	1500
1041	780	820	870	920	970	1020	1070	1120	1170	1220	1270	1320	1370	1420	1470	1520
1042	800	840	890	940	990	1040	1090	1140	1190	1240	1290	1340	1390	1440	1490	1540
1043	820	860	910	960	1010	1060	1110	1160	1210	1260	1310	1360	1410	1460	1510	1560
1044	840	880	930	980	1030	1080	1130	1180	1230	1280	1330	1380	1430	1480	1530	1580
1045	860	900	950	1000	1050	1100	1150	1200	1250	1300	1350	1400	1450	1500	1550	1600
1046	880	920	970	1020	1070	1120	1170	1220	1270	1320	1370	1420	1470	1520	1570	1620
1047	900	940	990	1040	1090	1140	1190	1240	1290	1340	1390	1440	1490	1540	1590	1640
1048	920	960	1010	1060	1110	1160	1210	1260	1310	1360	1410	1460	1510	1560	1610	1660
1049	940	980	1030	1080	1130	1180	1230	1280	1330	1380	1430	1480	1530	1580	1630	1680
1050	960	1000	1050	1100	1150	1200	1250	1300	1350	1400	1450	1500	1550	1600	1650	1700

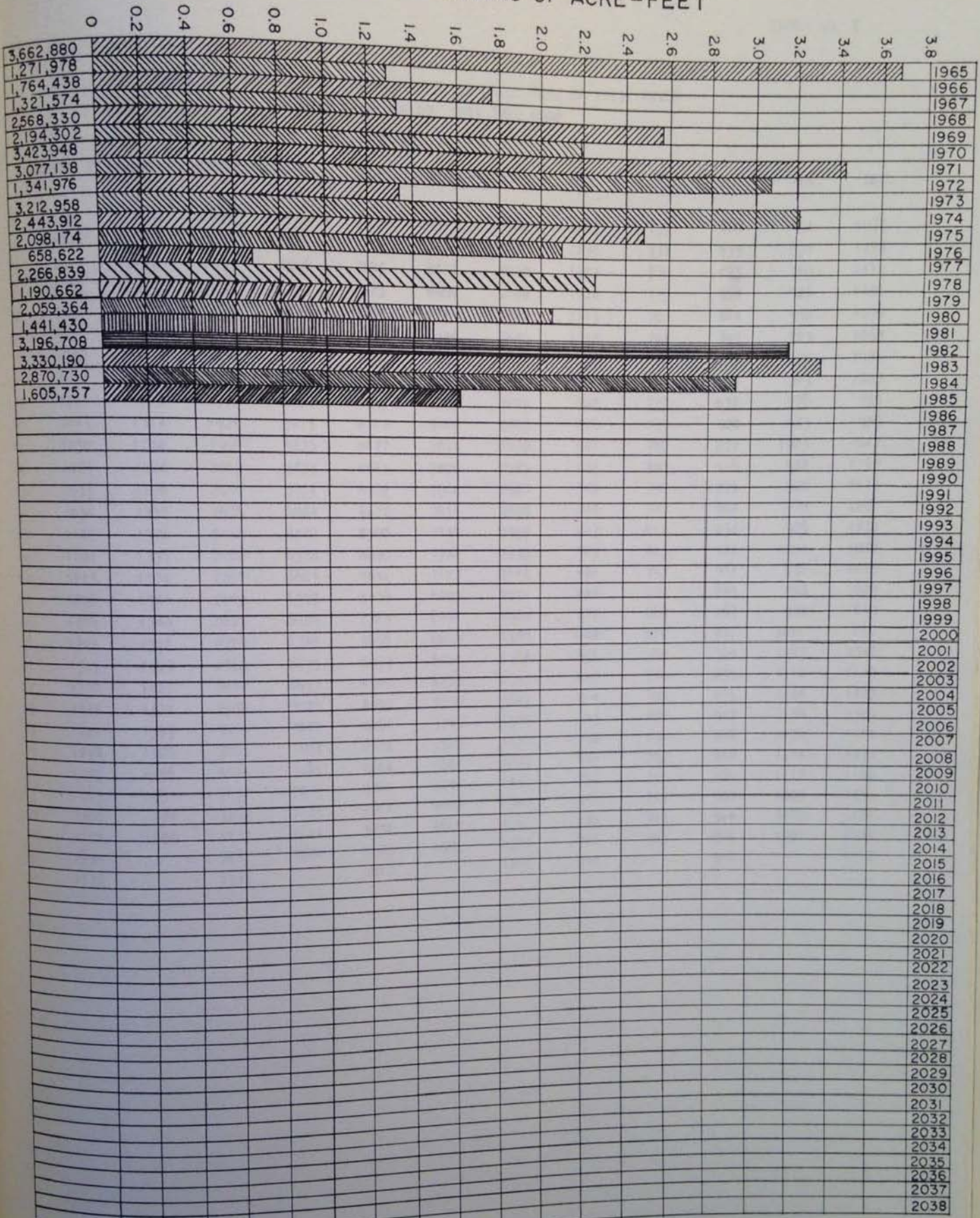
NATURAL FLOW OF THE HOISE RIVER
IN SECOND FEET
BEGINNING 1981
NOVEMBER

YEAR	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	TOTAL
1981	785	787	758	684	729	619	729	735	677	673	716	1304	1351	1469	1576	1938	2425	1938	1390	1442	1542	1575	1785	1529	1257	1147	971	976	876	34,967	
1982	1328	1334	1293	1160	1220	1168	1134	1167	1171	992	1341	866	598	809	789	1109	1701	1747	1312	1356	1143	935	587	755	856	1080	1119	1269	1454	52,347	
1983	1392	1406	1346	1491	754	1794	1993	1836	1681	1319	3148	2383	1956	1880	1612	1647	2500	2103	1751	1721	1775	1495	1646	1802	1772	1521	1302	1456	1352	40,988	
1984	963	1427	1518	1314	1156	1217	1135	1264	1432	1549	1340	1596	2038	2041	1521	1505	1283	1216	1012	1302	1303	1235	1312	1516	1157	1051	1361	1367	1448	34,656	
1985	1330	1290	1304	1227	1316	1500	1465	1496	1352	1139	1264	1242	1184	1135	1115	1228	1131	923	1044	1144	733	636	832	850	1159	876	1134	1153	1112		

NATURAL FLOW OF THE BOISE RIVER
IN SECOND FEET
BEGINNING 1981
DECEMBER

YEAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
1981	1015	1116	1151	902	930	1049	1031	1110	1126	1011	1055	1051	970	1161	1411	1501	1402	1084	2837	3275	3651	3705	2636	1702	2021	1864	1904	1795	1557	1641	1289	50,183
1982	1371	1147	1249	1228	1316	1461	1674	1362	1078	955	1073	1070	1184	1386	1449	1654	1257	1483	1372	1382	1824	2866	2813	2046	1809	1693	1805	1433	1203	1080	1018	45,744
1983	1254	1415	1396	1021	860	1342	2456	1656	1685	1620	2348	2108	2362	2158	2139	1858	1450	1232	1713	1245	1023	1578	1117	923	1371	1667	1933	1417	1294	1517	1376	47,272
1984	1224	975	604	852	814	51	372	1118	1286	1535	1368	1245	1213	918	1156	1280	1031	895	534	576	1110	1352	1196	1345	972	1120	1169	1321	1096	1234	1125	34,234
1985	1173	1269	1300	1035	1113	1271	1239	1298	1748	964	660	650	891	912	765	683	757	794	747	636	583	611	2242	1000	917	925	917	922	879	949	1024	30,889

RUNOFF IN MILLIONS OF ACRE- FEET



ANNUAL RUNOFF OF BOISE RIVER
AT DIVERSION DAM
CORRECTED FOR HOLDOVER STORAGE

TABLE, IN SECOND FEET, SHOWING AVERAGE DAILY FLOW OF BOISE RIVER
FOR A 85 YEAR PERIOD, 1895 THRU 1980

	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
1	1101	1213	1679	3686	7003	8543	4329	1243	757	807	891	1072
2	1095	1229	1754	3806	7120	8452	4186	1238	777	835	931	1126
3	1115	1222	1699	4016	7235	8424	4038	1183	770	835	969	1112
4	1030	1315	1699	4090	7523	8408	3888	1124	759	828	906	1184
5	1017	1333	1692	4180	7694	8283	3767	1113	760	814	950	1090
6	1031	1269	1723	4365	7879	8240	3556	1082	744	785	923	1068
7	1050	1256	1739	4626	8089	8305	3453	1043	746	852	958	1022
8	1012	1358	1803	4738	8267	8345	3272	1030	742	873	949	1005
9	1041	1363	1940	4834	8425	8222	3146	982	775	832	976	985
10	1045	1314	1926	5115	8512	8147	2992	976	775	900	985	983
11	1030	1288	1969	5273	8477	7891	2870	984	789	872	1005	1047
12	1025	1278	2013	5435	8445	7806	2743	925	793	916	982	1162
13	1035	1296	2049	5731	8402	7714	2608	946	790	879	972	1113
14	1058	1339	2076	6084	8472	7654	2450	948	787	902	978	1088
15	1141	1326	2112	6290	8590	7449	2355	917	812	854	986	1070
16	1190	1339	2166	6538	8690	7384	2255	883	805	924	1004	1072
17	1215	1374	2260	6605	8681	7187	2116	881	793	901	952	1048
18	1236	1341	2409	6785	8776	6980	2011	848	772	889	993	1029
19	1286	1340	2623	6929	8768	6771	1914	872	763	867	958	1049
20	1292	1395	2725	6783	8636	6619	1825	862	824	887	1041	1017
21	1313	1407	2763	6755	8579	6404	1766	856	798	904	1047	1042
22	1370	1427	2844	6953	8507	6233	1710	833	798	895	1114	1119
23	1358	1421	2906	7023	8499	5988	1649	814	784	875	1164	1493
24	1321	1505	3000	7047	8664	5795	1578	813	802	912	1156	1582
25	1299	1500	3065	7108	8720	5506	1539	790	798	896	1178	1418
26	1245	1486	3091	7185	8804	5281	1475	781	787	902	1144	1242
27	1215	1555	3192	7239	8768	5294	1424	759	751	890	1117	1166
28	1205	1584	3269	7185	8814	4880	1388	751	773	901	1029	1158
29	1177	1695	3423	7114	8731	4669	1345	789	789	914	1020	1181
30	1181		3497	7044	8605	4505	1304	748	785	906	1062	1140
31	1176		3575		8612		1280	740		910		1112

NATURAL FLOW HIGH YEARS
 PRODUCTION OVER 2,700,000 ACRE FT.

CHART 3-A

YEAR	AMOUNT PRODUCED OCT 1 - SEPT. 30	HIGH-MONTH	AMOUNT PRODUCED FOR MONTH	HIGH-DAY	24 HR. CFS AMOUNT PRODUCED	INSTANTANEOUS HIGH DURING THE DAY
1895-1896	3,301,142	JUNE	1,464,280	JUNE 14	35,500	
1898-1899	2,914,444	JUNE	731,400	(MAY 10-1899) JUNE 20	19,000 18,700	
1903-1904	3,029,516	MAY	828,600	(APRIL 15-1904) MAY 23	19,700 18,700	
1906-1907	3,207,380	MAY	683,520	(APRIL 15-1907) MAY 19	17,000 13,400	
1908-1909	2,744,790	JUNE	655,220	JUNE 5 & 6	16,000	
1909-1910	2,756,360	APRIL	609,980	(MARCH 22-1910) APRIL 12	16,600 12,000	
1920-1921	2,905,074	MAY	824,038	MAY 17	18,739	
1942-1943	3,563,670	APRIL	1,006,532	APRIL 18 (APRIL 28-1952)	25,040 23,429	
1951-1952	2,866,216	MAY	901,634	MAY 5	18,955	
1955-1956	3,173,886	MAY	841,354	MAY 25	22,949	
1964-1965	3,662,880	MAY	836,232	(MAY 1, 1965) DECEMBER 24	20,503 27,294	44,000
1970-1971	3,423,948	MAY	922,614	MAY 14	20,253	
1971-1972	3,077,138	MAY	752,262	(MAY 16, 1972) JUNE 2	16,345 19,559	
1973-1974	3,212,958	JUNE	787,716	(MAY 9, 1974) JUNE 17	18,469 18,375	
1981-1982	3,156,708	MAY	883,648	MAY 4	19,155	
1982-1983	3,330,190	MAY	831,100	MAY 30	24,294	
1983-1984	2,870,730	MAY	706,104	MAY 16	22,430	

NATURAL FLOW HIGH YEARS
 PRODUCTION OVER 2,700,000 ACRE FT.

CHART 3-A

YEAR	AMOUNT PRODUCED OCT 1 - SEPT. 30	HIGH-MONTH	AMOUNT PRODUCED FOR MONTH	HIGH-DAY	24 HR. CFS AMOUNT PRODUCED	INSTANTANIOUS HIGH DURING THE DAY
1895-1896	3,301,142	JUNE	1,464,280	JUNE 14	35,500	
1898-1899	2,914,444	JUNE	731,400	(MAY 10-1899) JUNE 20	19,000 18,700	
1903-1904	3,029,516	MAY	828,600	(APRIL 15-1904) MAY 23	19,700 18,700	
1906-1907	3,207,380	MAY	683,520	(APRIL 15-1907) MAY 19	17,000 13,400	
1908-1909	2,744,790	JUNE	655,220	JUNE 5 & 6	16,000	
1909-1910	2,756,360	APRIL	609,980	(MARCH 22-1910) APRIL 12	16,600 12,000	
1920-1921	2,905,074	MAY	824,038	MAY 17	18,739	
1942-1943	3,563,670	APRIL	1,006,532	APRIL 18 (APRIL 28-1952)	25,040 23,429	
1951-1952	2,866,216	MAY	901,634	MAY 5	18,955	
1955-1956	3,173,886	MAY	841,354	MAY 25 (MAY 1, 1965)	22,949 20,503	
1964-1965	3,662,880	MAY	836,232	DECEMBER 24	27,294	44,000
1970-1971	3,423,948	MAY	922,614	MAY 14 (MAY 16, 1972)	20,253 16,345	
1971-1972	3,077,138	MAY	752,262	JUNE 2 (MAY 9, 1974)	19,559 18,469	
1973-1974	3,212,958	JUNE	787,716	JUNE 17	18,375	
1981-1982	3,196,708	MAY	883,648	MAY 4	19,195	
1982-1983	3,330,190	MAY	831,100	MAY 30	24,294	
1983-1984	2,870,730	MAY	706,104	MAY 16	22,430	

TOTAL MONTHLY FLOW OF BOISE RIVER - IN ACRE FEET

FOR IRRIGATION YEARS BEGINNING 1894 - 1895

YEAR	OCTOBER	NOVEMBER	DECEMBER	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	TOTAL
1894-95	54700(8)	54000	62700	78600	68280	103180	243140	395220	225700	152380	63620	58000	1,559,520
1895-96	57040	54980	50780	73440	67660	157560	295040	555382	1464280	385520	81960	57500	3,301,142
1896-97	54280	61300(3)	64600	50520	55240	88000	476000(5)	508000(6)	415000(5)	143300	67250	62520	2,045,950
1897-98	63420	64100	61500(7)	34100	67200	119280	251700	320200	299360	116840	45720	39168	1,482,676
1898-99	57262	56242	151640	160600	78640	113900	425740	608020	731400	356160	109940	68900	2,914,444
1899-1900	83664	90000	97000	125420	100500	305220	380120	510720	300640	84156	53500	51212	2,182,152
1900-01	63570	61880	65060	79440	98340	179320	305900	626460	287420	116400	52222	49704	1,985,716
1901-02	56464	55892	76400	61300	90440	88920	213470	333460	287160	106720	49496	40914	1,480,636
1902-03	45630	54418	63474	81760	63570	143360	448220	520620	601880	147580	53000	46344	2,269,856
1903-04	58554	67800(7)	67800	124000(1)	108000(1)	264140	671840	828600	521060	201920	71972	43830	3,029,516
1904-05	58980	54000	54000(7)	50400(2)	56700(2)	101900	176200	229820	247660	78860	39870	34660	1,183,050
1905-06	42980	41010	40410	50810	57240	101100	337920	428100	346980	163340	52410	41090	1,703,390
1906-07	42350	73380	74000(6)	125400(3)	155000(4)	346120	673540	683520	534560	335840	101600	62070	3,207,380
1907-08	57890	55970	63900	67190	63282	141130	382320	370360	324780	197960	64920	55524	1,844,626
1908-09	68440	59280	58000	138160	110680	228840	473220	605240	653220	226800	63690	57220	2,744,790
1909-10	63140	200560	124760	79900	66600	566900	609980	511760	310360	110040	55970	56390	2,756,360
1910-11	63210	73780	76820	63010	76340	159570	323960	549120	740660	233040	74906	59636	2,494,052
1911-12	66670	66700	63500	78420	76120	99580	340920	684180	677560	173980	83380	66080	2,477,090
1912-13	66760	67820	60680	53800	51400	101800	374960	573740	413420	158660	82964	54290	2,060,494
1913-14	63524	80180	61384	71196	74968	216040	462040	553660	307700	124130	58742	52654	2,133,218
1914-15	69684	58366	44800	59580	59726	94782	196558	274128	191900	83872	40926	39672	1,213,394
1915-16	42410	45626	53346	49930	63262	197486	555062	563752	594764	293818	80102	53686	2,593,244
1916-17	59106	54020	53702	47628	47694	61740	267082	654156	643322	260216	65224	43950	2,257,840
1917-18	46004	49506	128592	113828	77736	181442	346040	409954	462460	112526	56292	51122	2,035,502
1918-19	64292	56578	49118	50532	52844	114916	395854	509192	240872	69736	36404	34262	1,674,600
1919-20	47968	56548	53010	66528	66714	89254	189044	449730	333468	117324	40586	39234	1,549,408
1920-21	59966	75678	67106	112422	94098	271472	394484	824038	718728	175390	62908	48784	2,905,074
1921-22	55492	78176	89958	60982	53180	113692	319642	752474	659864	148066	65210	47974	2,444,710
1922-23	52168	48886	52872	62094	50860	92700	273726	454010	376208	192504	67552	42946	1,766,526
1923-24	61592	52930	51286	48954	72446	63550	136450	243800	76792	35296	24426	25320	892,242
1924-25	39218	53862	42912	48414	129386	192378	501862	700486	367370	152598	60730	47302	2,336,518
1925-26	58424	51382	63482	48416	64264	140450	232784	247930	104636	42192	30858	29480	1,114,298
1926-27	34882	62640	84702	62700	107342	185560	374434	660044	729736	234042	74454	57570	2,673,106
1927-28	57804	143162	98102	90026	73090	276560	316008	852194	305760	115962	51846	38016	2,434,530
1928-29	43856	50404	46770	46690	49214	106894	179238	359536	285968	96482	35716	31802	1,338,510
1929-30	39356	36848	59548	44778	64388	103616	274178	295246	257700	77726	44922	36050	1,344,356

(1) MEAN OF 4 HIGH YEARS

(2) SUBSTITUTED FROM 1906

(3) SUBSTITUTED FROM 1900

(4) MISSING DAYS SUBSTITUTED FROM 1900

(5) MISSING DAYS SUBSTITUTED FROM 21 YEAR MEAN

(6) MISSING MONTHS SUBSTITUTED FROM 21 YEAR MEAN

(7) INTERPOLATED

(8) AVERAGE OF 5 SHORT WATER YEARS

TOTAL MONTHLY FLOW OF BOISE RIVER - IN ACRES FEET
FOR IRRIGATION YEARS BEGINNING 1954 - 1955

YEAR	OCTOBER	NOVEMBER	DECEMBER	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	TOTAL
1950-51	54,512	42,418	44,108	44,814	42,958	51,245	17,712	231,538	110,844	3,4042	239,52	235,40	945,884
1951-52	30,424	31,224	35,576	30,512	36,574	13,825	33,605	56,4176	4,88224	134,044	57,584	42,730	1,522,300
1952-53	29,142	56,478	40,956	4,926	41,136	64,714	23,9342	341,610	53,8198	1,064,58	439,64	32,200	1,587,524
1953-54	41,684	47,684	53,556	79,680	79,448	131,695	24,5648	204,008	8,554	36,200	23,570	26,072	1,085,470
1954-55	37,205	43,444	51,208	52,255	54,336	81,50	23,9458	428,528	30,3552	98,220	380,38	29,980	1,585,126
1955-56	37,616	38,656	37,732	44,612	47,356	100,660	57,7394	62,9205	31,9284	70,800	43,354	38,360	1,584,842
1956-57	39,772	36,600	41,535	37,548	41,728	89,870	20,7358	31,1152	17,9595	59,986	25,948	25,746	1,166,720
1957-58	35,226	49,828	113,756	57,192	71,568	191,025	50,5100	711,314	5,88138	201,292	711,50	45,910	2,625,842
1958-59	50,626	67,994	60,980	52,236	47,170	164,294	32,8918	341,835	136,900	60,358	284,54	304,36	1,379,002
1959-60	40,474	38,958	43,168	53,958	73,724	201,512	33,5942	434,480	22,7258	64,910	30,808	39,548	1,612,680
1960-61	53,168	59,784	56,634	54,260	63,768	113,448	188,900	365,336	26,6776	834,52	54,496	41,720	1,404,722
1961-62	48,600	63,200	1,060,38	62,182	53,162	87,804	341,622	325,576	362,774	1,93112	46,790	35,496	1,682,756
1962-63	42,564	64,068	81,780	133,190	115,664	235,338	1,006,532	722,804	62,7754	339,598	100,484	53,192	3,555,670
1963-64	61,802	70,704	57,768	49,412	58,610	68,954	164,000	303,208	24,7726	106,326	43,264	35,352	1,259,266
1964-65	40,828	52,000	42,902	58,270	80,124	99,160	202,368	473,146	40,9956	1,99040	51,630	39,020	1,682,684
1965-66	4,982	3,950	74,712	79,230	6,908	21,604	63,984	631,660	37,8822	12,920	56,616	4,572	2,436,242
1966-67	72,214	72,214	109,392	60,764	87,278	181,276	28,940	545,764	29,7240	110,646	461,68	384,66	1,905,602
1967-68	56,544	57,382	54,004	65,522	60,480	73,956	264,424	409,792	4,9706	509,372	44,612	36,980	1,789,114
1968-69	44,642	53,918	51,094	49,038	43,314	146,684	41,648	571,670	30,4424	93,542	411,20	311,76	1,849,320
1969-70	49,284	57,162	51,900	63,202	73,010	134,776	40,2618	55,5086	54,822	233,358	76,620	48,176	2,229,114
1970-71	61,640	84,448	89,986	89,948	125,972	125,972	55,6568	684,894	440,980	19,5068	709,70	425,50	2,247,002
1971-72	79,304	63,432	86,930	68,642	77,070	10,300	67,990	901,634	51,8282	171,498	68,760	49,854	2,866,216
1972-73	52,108	4,6642	54,646	100,316	88,486	126,730	329,366	403,582	58,956	254,470	73,246	48,328	2,169,496
1973-74	44,870	39,728	57,732	64,266	92,288	149,836	381,720	393,550	339,666	1,79018	65,160	41,668	2,074,702
1974-75	49,332	50,178	46,140	40,716	40,444	53,940	1,29,932	39,7270	419,360	131,738	56,754	40,794	1,464,498
1975-76	51,704	66,686	20,3818	14,7212	104,470	22,8258	63,6502	841,354	382,598	1,88444	62,734	55,716	3,173,886
1976-77	66,612	62,464	69,508	52,448	92,880	194,092	361,256	739,940	51,8012	148,306	51,944	53,366	2,424,828
1977-78	51,116	51,148	50,128	53,682	121,806	124,694	323,778	94,6374	501,366	142,466	67,666	54,424	2,494,978
1978-79	67,996	67,996	83,974	76,466	69,202	92,342	27,734	331,594	302,156	104,896	484,32	67,634	1,659,768
1979-80	60,820	60,820	48,514	51,664	64,090	128,330	3,58,988	374,962	333,930	81,574	45,758	46,244	1,725,934
1980-81	47,044	53,842	47,966	42,434	58,930	91,230	1,720,64	29,8818	229,986	58,820	400,60	38,212	1,176,726
1981-82	51,660	51,660	51,872	54,554	78,226	83,072	40,7856	40,6458	45,398	142,912	574,52	49,586	1,861,296
1982-83	71,032	69,014	69,918	49,912	147,124	91,904	180,298	45,2916	411,904	148,768	53,310	56,736	1,788,556
1983-84	53,040	66,998	51,172	52,170	53,966	71,218	260,166	45,7280	40,7856	1,52946	50,092	52,798	1,731,596
1984-85	47,408	54,788	2,8810	1,60396	182,606	185,530	624,180	83,6232	77,888	3,86964	11,9326	77,552	3,662,880
1985-86	634,50	61,218	37,620	61,168	47,170	97,960	248,302	32,7154	1,78048	34,000	39,032	37,766	1,271,978
1986-87	401,08	46,314	49,118	65,992	60,048	83,580	138,430	483,144	58,106	17,282	49,100	45,416	1,764,438
1987-88	58,400	53,142	49,414	42,940	98,950	14,292	23,286	23,286	27,866	76,126	72,200	55,930	1,201,374
1988-89	63,330	79,000	63,868	87,134	14,928	64,184	74,322	39,616	1,28856	1,28856	51,278	48,678	2,369,330
1989-90	47,734	47,734	53,930	12,958	101,728	149,020	189,658	57,710	571,508	205,552	610,36	34,950	2,194,302

TOTAL MONTHLY FLOW OF BRUISE RIVER - IN ACRES FEET
FOR IRRIGATION YEARS BEGINNING 1924 - 1925

YEAR	OCTOBER	NOVEMBER	DECEMBER	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	TOTAL
1920-21	5954	9707	100514	156024	167220	211474	548362	922614	708614	297436	90500	64046	3,423,948
1921-22	68434	61924	58510	101004	101026	448586	394274	752262	765556	208518	70876	61488	3,077,136
1922-23	67200	61702	69164	73772	58170	92920	180710	348218	227082	75108	41870	45360	1,341,976
1923-24	47766	37112	90004	130322	70340	251786	599514	736774	787716	238736	78966	54292	3,212,476
1924-25	59974	53046	54424	59334	63858	145754	204656	618984	676228	345472	84702	55480	2,443,912
1925-26	69138	63950	87954	71086	75852	108240	382236	637050	336204	126112	66604	67948	2,098,174
1926-27	60582	48552	45364	44144	40756	43966	76258	93676	99460	46748	30790	27386	659,622
1927-28	40284	45306	102645	80908	89730	221530	381218	470968	470402	230266	63758	67430	2,266,839
1928-29	53932	46440	48876	49284	54958	105786	140470	346668	199184	58260	44812	38732	1,190,662
1929-30	44574	33648	43274	73136	40782	124638	363104	572048	407242	110914	59564	59422	2,059,364
1930-31	42286	57376	69984	76548	86530	115042	205120	343298	287344	82708	39052	37032	1,441,430
1931-32	45990	67924	100366	70110	14644	244638	427648	893642	622230	330936	93776	55204	3,496,108
1932-33	75512	69198	91488	114736	107882	350830	405096	831100	781436	325250	109010	69232	3,330,190
1933-34	76832	104634	98544	88812	94818	228722	438270	706104	617894	262018	87430	72632	2,870,730
1934-35	70155	81301	67903	61798	56959	104343	352168	407243	223889	72854	40371	66775	1,605,757

TABLE IN ACRE FEET, SHOWING TOTAL
MONTHLY CANAL DIVERSIONS FROM THE BOISE RIVER
DURING THE IRRIGATION SEASON OF 1985

CHART # 6

NAME OF CANAL	APRIL	MAY	JUNE	JULY	AUGUST	SEPT.	OCT.	TOTAL
AIKEN	103	190	141	184	159	60	0	837
ANDREWS	375	1091	1079	571	617	268	95	4,096
BALLENTYNE	520	1041	1111	1135	849	607	292	5,555
BAXTER	278	655	897	627	585	458	97	3,597
BOISE CITY	785	1900	1896	1757	1581	1283	577	9,779
BOWMAN SWISHER	153	520	672	710	744	131	0	2,930
BURB (SO. BOISE MUTUAL)	298	706	680	692	672	462	125	3,635
CALDWELL HIGHLINE	1287	3376	2388	2896	2541	2093	841	15,422
CAMPBELL (CANYON DITCH)	525	1500	1468	1732	1601	631	0	7,457
CANYON COUNTY	1693	3420	3876	4463	4078	2194	742	20,466
CONWAY HAMMING	16	95	56	246	206	48	0	667
DAVIS DITCH	228	543	536	553	541	460	0	2,861
EUREKA # 2	2245	6970	5193	6581	6550	4405	2138	34,082
FARMERS UNION	3574	13654	14206	13018	11080	7039	1636	64,207
GRAHAM GILBERT	30	113	83	184	143	6	0	559
HAAS	143	809	1107	1099	774	772	244	4,948
HART DAVIS	194	474	462	577	532	208	83	2,530
ISLAND HIGHLINE	611	2011	2194	2719	2579	2856	1123	14,093
LEMP	115	262	155	246	190	119	0	1,087
LITTLE PIONEER	702	2124	2170	2154	1745	1503	700	11,098
LOWER CENTER POINT	714	2237	1698	1857	1966	2108	714	11,294
MACE CATLIN	139	335	367	333	415	280	0	1,869
MACE MACE	12	77	63	61	22	0	0	235
HAMMON	0	337	426	472	375	186	8	1,804
MC CONNELL ISLAND	1069	1940	2348	2190	1738	1359	200	10,844
MC MANUS TEATER	0	139	179	333	399	48	0	1,098
MIDDLETON	3715	12177	9961	8547	7099	4296	1730	47,525
MISCELLANEOUS	1158	1747	1831	1989	2053	1615	623	11,016
NEW DRY CREEK	1184	3804	3588	4163	3529	1876	809	18,973
NEW YORK CANAL (B. OF C.)	78164	156956	154239	163879	164582	121989	61479	901,388
PARMA	621	1626	1018	992	924	1150	245	6,577
PENITENTIARY	0	547	335	666	588	220	0	2,356
PHYLLISS	13777	29552	29818	28943	25912	13609	5651	147,262
RIDENBAUGH	12450	32240	31621	32973	30088	23439	6883	169,699
RIVERSIDE	6405	14273	12744	13135	12960	12760	5050	77,327

TABLE IN ACRE FEET, SHOWING TOTAL
MONTHLY CANAL DIVERSIONS FROM THE BOISE RIVER
DURING THE IRRIGATION SEASON OF 1985

CHART # 6

NAME OF CANAL	APRIL	MAY	JUNE	JULY	AUGUST	SEPT.	OCT.	TOTAL
ROSSI MILL	391	657	686	629	551	696	278	3,888
SEBREE (FARMERS COOP)	3717	17550	19891	19976	18046	10019	2648	91,847
SETTLERS	543	10116	10409	10683	7894	4445	0	44,090
SEVEN SUCKERS	20	95	91	67	71	60	24	428
SIEBENBERG	109	335	492	710	724	266	0	2,636
THURMAN MILL	734	1724	1805	1831	1615	1139	446	9,294
UPPER CENTER POINT	143	944	601	1099	1182	746	260	4,975
WARM SPRINGS DITCH	167	430	403	430	379	107	0	1,916
TOTALS	139,107	331,292	324,984	338,107	320,979	228,036	95,742	1,778,247

THIS CHART SHOWS ONLY THE CANALS WHICH HAVE HEADINGS FROM THE BOISE RIVER.

SOME CANALS DIVERT THEIR WATER THROUGH ANOTHER CANAL.

CHART # 7 AND # 8 SHOW ACTUAL AMOUNT DIVERTED BY EACH DECREED CANAL OR USER.

MISCELLANEOUS IS A GROUP OF INDIVIDUAL USERS.

BOISE RIVER CANAL DIVERSIONS IN ACFT FEET

NAME OF CANAL	BEGINNING 1967												TOTAL	
	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978		1979
BRUSH HILL (SOUTH BOISE CANAL)	3032	3082	3478	3212	3428	3740	3244	3326	3188	2844	2398	3122	3208	2814
DEFOUR (FRANKER CANAL)	105780	94108	91792	91792	95730	96446	98650	98316	88492	88328	64128	86108	89102	84862
SE TILERS	52824	51430	51330	55450	56316	52818	51838	55072	47904	48144	43550	46356	49362	44608
NEWBY TILERS	1330	786	786	664	762	602	470	420	572	548	458	318	428	448
STERNBERG	4280	3736	4378	4726	3310	3328	3724	4478	3450	3724	3512	2604	2774	3610
THOMPSON HILL	10512	10108	11564	9102	9642	10608	10330	8500	8844	8958	9766	8462	10440	10208
UPPER CENTER POINT	5270	5518	5186	5322	5094	6136	6944	6830	6772	6474	6986	7652	6302	5710
UPPER WAINING DITCH	2558	2558	2116	1528	1936	1658	1910	1650	2432	1734	2114	1704	2074	2058
TOTAL SUMMER DIVERSIONS	1785410	1755852	1870648	1810684	1882374	1835428	1790102	1900080	1736648	1772194	1292966	1664534	1704048	1705570
STORAGE WATER USED			555489	471312	418822	426038	461186	475174	418205	500326	594749	400908	619224	493314
SUMMER RETURN FLOW USED	428828	253699	385530	423236	485686	483054	236878	451392	446230	472054	325246	437078	373632	464330
NATURAL FLOW USED IRRIGATION SEASON	920210	959629	916136	927336	977866	927336	1092238	973514	892213	795668	386404	826548	710688	745926
FLOOD CONTROL & OTHER LOSS TO IRRIGATION SEASON	0	0	239554	324068	909339	823660	0	1598234	459022	483244	0	432945	0	914820
LOSS TO THE BOISE RIVER WAPARA	237060	783482	573559	1073714	1336242	1400698	1400698	3046922	2215570	1784384	964690	1660401	1330416	17265990
OUTFLOW LUCKY PEAK RESERVOIR (APRIL 1 TO OCT. 31)			10250	16126	12056	19195	34046	42870	42870	19340	27064	23100	38116	43100
FISH & GAME	37050	18792	10250	16126	12056	19195	34046	42870	42870	19340	27064	23100	38116	43100
NEW YORK CANAL DIVERSIONS OTHER THAN IRRIGATION SEASON	93370	27416	0	4272	0	62982	100148	136988	38334	36242	0	128800	4176	70216
FLOOD CONTROL AND OTHER LOSS TO THE SYSTEM TOTAL YEAR	0	0	709378	926626	1969314	1810036	0	1598234	593024	754804	0	408556	0	914820
TOTAL DIVERSIONS JANUARY 1 TO DECEMBER 31	1785410	1802040	1889938	1831082	1894430	1914884	1909445	2071114	1837852	1827776	1320030	1816434	1746340	1818886
TOTAL NATURAL FLOW JANUARY 1 TO DECEMBER 31	1487002	1364416	2519304	2279068	3361558	3080356	1378052	3147560	2458310	2028830	694759	2229652	1170710	2009524
TOTAL LOSS TO THE BOISE RIVER WAPARA	454788	1527244	1218344	2528166	2110052	2110052	101616	1551496	3046222	2109326	997852	1872912	1369598	1,401,564
TOTAL OUTFLOW LUCKY PEAK	1647352	1466966	2944256	2102898	3366662	3155410	1551496	3046222	2430876	2109326	997852	1872912	1369598	1,600,988

YEARS 1930 THRU 1966 IN PREVIOUS REPORTS

THE GEOLOGICAL SURVEY IS KEEPING RECORDS ON THE RIVER AT HARRIS AND THEY MAY BE OBTAINED FROM THEM.

BOISE RIVER CANAL DIMENSIONS IN ACRES FEET
BEGINNING 1962

NAME OF CANAL	1962	1963	1964	1965
AIKEN	856	912	728	837
ANKERINS	5124	4932	6608	4096
BALLENTYNE	5410	7390	6070	5555
BAXTER	4002	3834	5370	3997
BOISE CITY	10224	10964	10458	9779
BOISE VALLEY	18088	16670	15608	15308
BOWMAN SWISHER	2666	2886	2178	2930
BURB (SOLBOISE MUTUAL)	3186	3214	3928	3635
CALDWELL HIGHLINE	15252	17200	15232	15422
CAMPBELL CANYON	8164	9272	9774	7457
CANYON COUNTY WATER CO.	21816	19580	20010	20466
CAPITAL VIEW IRRIG. DIST.	2374	2570	2372	2411
COMAY WAPPING	739	690	750	667
DAVIS DITCH	2718	2554	2804	2861
EUREKA WATER CO. # 1	10468	10486	10336	9353
EUREKA # 2	34944	36440	36816	34082
FARMERS UNION	46212	45140	46610	46488
GRANAN GILBERT	670	682	716	559
HAAAS	5122	3760	5454	4948
HURT DAVIS	2752	2078	2836	2530
ISLAND HIGHLINE	17394	15828	12800	14093
LEMP	936	936	1076	1087
LITTLE PIONEER	10128	10958	9866	11098
LOWER CENTER POINT	10876	12080	11510	11294
MACE CATLIN	1830	1712	1844	1869
MACE MACE	206	112	418	235
MAMON	2086	1790	2128	1804
MCCONNELL ISLAND	14746	12816	14160	10844
MOMMANS & TEATER	1004	950	907	1038
MIDDLETON WATER CO.	29766	28880	30800	27966
MIDDLETON HILL DITCH	21554	20916	22308	19939
MISCELLANEOUS	4514	11728	10822	11016
NEW DRY CREEK	12634	14398	14042	14927
NEW UNION	3782	3564	4514	4046
NEW YORK CANAL (B. OF C.)	859944	837210	843244	901388
PADINI	6608	5896	8022	6577
PENITENTIARY	2702	2022	1694	2356
PHILLISS	132044	127950	130862	137909
PIONEER DIXIE	29672	25764	23370	25778
RIDEHAUGH	166456	166240	165272	168699

BOISE RIVER CANAL REDESIGNING IN ACRES FEET
BEGINNING 1982

NAME OF CANAL	1982	1983	1984	1985
AIKEN	856	912	728	837
ANDREWS	5124	4732	6608	4096
BALLENTYNE	5410	7390	6070	5355
BAXTER	4002	3834	5370	3397
BOISE CITY	10224	10364	10458	9779
BOISE VALLEY	18088	16630	15598	15308
BOWMAN SWISHER	2666	2886	2178	2930
BURB (SO. BOISE MUTUAL)	3186	3214	3928	3635
CALDWELL HIGHLINE	13232	17200	15232	15422
CAMPBELL CANYON	8164	9272	9774	7457
CANYON COUNTY WATER CO.	21816	19380	20010	20466
CAPITAL VIEW IRRIG. DIST.	2374	2570	2332	2411
CONWAY HAMMINE	730	620	750	667
DAVIS DITCH	2710	2534	2804	2861
EUREKA WATER CO. # 1	10468	10488	10526	9353
EUREKA # 2	34944	36440	36816	34082
FARMERS UNION	46212	45140	46610	46488
GRANHAM GILBERT	870	682	716	539
HAAKS	5132	3760	5454	4948
HART DAVIS	2732	2078	2836	2530
ISLAND HIGHLINE	17304	15828	12800	14003
LEMP	936	936	1076	1087
LITTLE PIONEER	10128	10938	9866	11098
LOWER CENTER POINT	10876	12080	11510	11294
MACE CATTIN	1830	1712	1844	1869
MACE MACE	206	112	418	235
MAMMON	2086	1790	2128	1804
MCDONNELL ISLAND	14746	13816	14160	10844
MOMAND & TEATER	1004	930	902	1098
MIDDLETON WATER CO.	29766	28880	30800	27966
MIDDLETON HILL DITCH	21334	20916	22308	19939
MISCELLANEOUS	4314	11728	10822	11016
NEW DRY CREEK	12634	14368	14042	14827
NEW UNION	2782	3964	4314	4046
NEW YORK CANAL (B. OF C.)	859944	837810	843244	901388
PAPPA	6008	5896	6022	6377
PENITENTIARY	2702	2022	1694	2356
PHILLISS	132044	127830	130862	137909
PIONEER DIXIE	29638	25764	23370	23778
RIDEWAUGH	166456	166240	165232	166699

HOISE RIVER CANAL DIVERSIONS, IN ACRE FEET
BEGINNING IN 1962

NAME OF CANAL	1962	1963	1964	1965
RIVER SITE	59346	51320	17246	51549
ROSTY MILL	3146	3578	3136	3880
SEREE (FARMERS COOP)	84336	79584	82338	91847
SETTLERS	48018	43326	45764	44090
SEVEN SICKERS	468	300	392	428
SIEBERBERG	5644	3434	3216	2636
THURMAN MILL	9168	8906	9184	9294
UPPER CENTER POINT	5464	4122	5824	4975
WARM SPRINGS DITCH	1392	1656	2056	1916
TOTAL SUMMER DIVERSIONS	1,744,832	1,720,850	1,714,548	1,778,247
STORAGE WATER USED	406,616	440,316	518,256	596,833
SUMMER RETURN FLOW USED	487,500	504,954	592,716	447,979
NATURAL FLOW USED IRRIG. SEASON	899,716	775,580	693,576	733,435
FLOOD CONTROL & OTHER LOSS TO IRRIG. SEASON	627,006	889,946	874,380	103,309
OUTFLOW FROM LUCKY PEAK RESERVOIR APRIL THRU OCT.	2,271,828	2,610,796	2,588,928	1,433,577
FISH AND GAME	19,960	15,600	0	12,774
NEW YORK CANAL DIVERSIONS OTHER THAN IRRIGATION SEASON	26,316	3800	1000	0
FLOOD CONTROL AND OTHER LOSS TO THE SYSTEM TOTAL YEAR	1,333,738	1,656,818	1,291,370	235,440
TOTAL DIVERSIONS JANUARY 1 TO DECEMBER 31	1,791,108	1,740,250	1,715,248	1,791,021
TOTAL NATURAL FLOW JANUARY 1 TO DECEMBER 31	3,216,716	3,234,062	2,810,017	1,591,189
TOTAL OUTFLOW LUCKY PEAK	3,078,370	3,297,068	3,006,638	1,578,482

YEARS 1950 THRU 1966 IN PREVIOUS REPORTS

THE GEOLOGICAL SURVEY IS KEEPING RECORDS ON THE RIVER AT PASHAN. THEY MAY BE OBTAINED FROM THEM.

BOJSE RIVER CANAL DIVERSIONS IN ACRE FEET
BEGINNING IN 1982

NAME OF CANAL	1982	1983	1984	1985
RIFFELT	59346	51520	47146	51549
ROD'S MILL	3146	3578	3136	3888
SEBEE (FARMERS COOP)	84336	78584	82234	91847
SETTLERS	48018	45326	45764	44090
SEVEN SUGGERS	468	390	392	428
STIEBERG	3644	3434	3216	2636
THORMAN MILL	9168	8566	9184	9294
UPPER CENTER POINT	5464	4122	5224	4975
WARM SPRINGS DI'CH	1392	1656	2056	1916
TOTAL SUMMER DIVERSIONS	1,744,832	1,700,850	1,714,548	1,778,247
STORAGE WATER USED	406,616	440,316	518,256	596,833
SUMMER RETURN FLOW USED	487,500	504,954	508,716	447,879
NATURAL FLOW USED IRRIG. SEASON	850,716	775,580	693,576	733,435
FLOOD CONTROL & OTHER LOSS TO IRRIG. SEASON	627,006	889,946	874,390	103,309
OUTFLOW FROM LUCKY PEAK RESERVOIR APRIL THRU OCT.	2,371,838	2,610,756	2,508,928	1,433,377
FISH AND GAME	19,560	15,600	0	12,774
NEW YORK CANAL DIVERSIONS OTHER THAN IRRIGATION SEASON	26,316	3000	1050	0
FLOOD CONTROL AND OTHER LOSS TO THE SYSTEM TOTAL YEAR	1,333,728	1,556,818	1,291,270	235,440
TOTAL DIVERSIONS JANUARY 1 TO DECEMBER 31	1,761,408	1,740,270	1,713,548	1,791,821
TOTAL NATURAL FLOW JANUARY 1 TO DECEMBER 31	3,216,316	3,234,068	2,810,813	1,591,185
TOTAL OUTFLOW LUCKY PEAK	3,078,378	3,293,268	3,006,538	1,378,487

YEARS 1950 THRU 1966 IN PREVIOUS REPORTS

THE GEOLOGICAL SURVEY IS KEEPING RECORDS ON THE RIVER AT PADON AND THEY MAY BE OBTAINED FROM THEM.

TABLE SHOWING ACRE FEET PER ACRE DIVERTED BY BOISE VALLEY CANALS FOR EACH IRRIGATION SEASON FROM 1965 (ACREAGE TAKEN FROM CHART NO. 9)

NAME OF CANAL	ACRES IRRIGATED													
	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975			
AIKEN				236	4.75	236	236	5.68	236	3.87	4.71	5.59	5.13	2.65
ANDREWS				1068	7.22	1068	1068	8.65	1068	7.18	7.38	5.34	7.71	6.97
BALLENTINE	763	9.04	763	5.92	763	763	7.92	763	8.41	8.01	8.34	8.34	8.47	7.82
BAKTER				200	16.05	200	200	20.50	200	24.83	22.30	25.21	20.90	21.82
BOISE CITY	1828	5.40	1828	5.71	1828	1828	6.08	5.77	1828	6.69	6.80	6.35	6.76	6.59
BOISE VALLEY				2729	7.46	2729	2729	6.40	2729	6.43	7.14	7.27	7.52	4.72
BOONE				517	.21	517	517	0	517	0	0	0	0	0
EDMUND-SWISHER				424	8.19	424	424	4.82	424	8.64	6.97	8.27	7.14	6.70
BURR (SOUTH BOISE MUTUAL)				1057	4.21	1057	1057	3.88	1057	3.91	3.50	3.15	3.77	3.16
MCALDWELL HIGH LINE	3960	5.27	3960	4.37	3960	3960	4.81	4.15	3960	3.90	4.13	4.18	3.93	4.35
CAMPBELL (CANYON)	802	15.54	802	11.89	802	802	14.04	13.78	802	15.09	16.01	12.91	21.46	12.31
CANYON COUNTY	4007	6.30	4007	5.60	4007	4007	6.16	6.85	4007	6.31	6.69	6.50	5.98	5.71
CAPITOL VIEW				600	3.57	600	600	4.07	600	4.21	4.21	4.08	4.20	3.68
COMAUX-HARRING				259	4.78	259	259	3.21	259	2.60	3.02	4.15	2.82	2.76
DAVIS DITCH	634	7.10	634	7.28	634	634	6.30	6.37	634	5.93	6.27	5.65	5.85	4.89
TABLE ISLANDS CANALS				1800	4.70	1800	1800	5.93	1800	5.69	5.22	6.05	5.78	5.37
GORDA WATER CO. #1	1800	5.24	1800	4.21	1800	1800	5.87	5.93	1800	5.69	5.22	6.05	5.78	5.37
EURICA #2	2625	14.67	2625	13.82	2625	2625	11.83	12.55	2625	12.78	15.04	14.45	13.94	12.20
FARMERS UNION	8900	6.38	8900	5.94	8900	8900	6.34	6.41	8900	6.78	6.52	6.31	6.82	7.22
SPAHAM-SILBERT				200	3.24	200	200	2.67	200	1.47	1.93	5.11	2.61	3.03
MAAS				729	5.73	729	729	3.84	729	4.71	4.79	5.72	4.93	3.29
MORT-DOWNS				453	12.75	453	453	9.67	453	6.14	5.79	7.33	5.77	6.06
ISLAND HIGH LINE				945	14.72	945	945	16.92	945	13.77	14.20	15.14	16.44	14.45
LEMP				300	9.93	300	300	5.01	300	2.80	3.89	6.27	3.72	3.18
LITTLE PIONEER	1286	10.53	1286	7.09	1286	1286	10.91	12.86	1286	10.08	10.43	10.10	11.07	7.72
LOWER CENTER POINT	880	11.47	880	12.83	880	880	9.86	10.99	880	10.65	12.09	12.08	14.96	12.99
INCE-CATLIN				336	4.53	336	336	4.49	336	4.82	5.20	6.85	4.76	4.18
INCE-JANCE				80	13.93	80	80	10.18	80	4.65	4.05	8.95	4.87	5.43
HAWKIN				168	6.92	168	168	3.64	168	4.32	3.85	3.57	3.47	3.37
MCCONNELL ISLAND				1600	6.77	1600	1600	8.06	1600	8.24	8.08	6.06	10.96	7.86
MORRIS A. TRAYER				168	7.96	168	168	9.31	168	6.62	8.48	9.31	10.55	7.40
MERRIS #1				90	6.80	90	90	7.57	90	7.81	10.14	9.10	10.49	8.58
MERRIS #2				3180	6.81	3180	3180	5.99	3180	5.98	6.09	1.85	6.07	5.62
MIDDLETON BRICK ASSOC.	4400	5.02	4400	4.80	4400	4400	5.11	5.41	4400	5.10	5.19	5.79	5.71	5.71
MIDDLETON WELLS				4400	4.80	4400	4400	5.41	4400	5.10	5.19	5.79	5.71	5.71
MISCELLANEOUS	511	7.25	1428	5.37	537	8610	3.82	3.12	763	3.47	29.10	3.55	3.43	4.43
NEW BAY CREEK	3059	7.21	3059	6.53	3059	3059	7.11	6.25	3059	6.44	5.67	5.89	6.37	5.40
NEW YORK	688	6.96	688	7.44	688	688	5.85	5.82	688	6.30	6.19	6.86	6.81	6.13
NEW YORK CANAL (S. OF C.)	164734	5.23	164734	5.21	164617	164617	5.65	5.38	164617	5.76	5.28	5.17	5.70	5.34
PARK				602	11.60	602	602	14.42	602	13.96	14.00	15.71	10.61	6.44

(LISTED INDIVIDUALLY)

TABLE SHOWING ACRE FEET PER ACRE DIVERTED BY BOISE VALLEY CANALS
FOR EACH IRRIGATION SEASON FROM 1965
(ACREAGE TAKEN FROM CHART NO. 9)

NAME OF CANAL	ACRES IRRIGATED 1965		ACRES IRRIGATED 1966			ACRES IRRIGATED 1967			ACRES IRRIGATED 1968			ACRES IRRIGATED 1969		ACRES IRRIGATED 1970		ACRES IRRIGATED 1971		ACRES IRRIGATED 1972		ACRES IRRIGATED 1973		ACRES IRRIGATED 1974		ACRES IRRIGATED 1975					
	ACRES IRRIGATED	1965	ACRES IRRIGATED	1966	1967	ACRES IRRIGATED	1968	1969	ACRES IRRIGATED	1970	ACRES IRRIGATED	1971	1972	1973	1974	1975	ACRES IRRIGATED	1971	1972	1973	1974	1975	ACRES IRRIGATED	1971	1972	1973	1974	1975	
PENITENTIARY	321	7.79	433	6.02	4.51	321	6.59	321	6.26	321	7.30	321	8.69	7.49	10.14	9.36	8.98												
PHYLLIS	24362	5.53	24362	5.83	5.13	24362	4.35	24362	5.44	24362	5.26	24362	5.26	5.43	4.94	5.11	4.01												
PIONEER DIXIE	2030	10.42	2030	11.52	11.92	2030	12.20	3000	7.87	3000	7.90	3000	7.60	7.95	10.12	9.79	8.78												
HIDENBAUGH	26747	6.65	26877	6.34	6.48	26877	6.30	26877	6.59	26877	6.53	26877	6.58	6.77	6.54	6.51	6.08												
RIVERSIDE	10645	4.83	10645	5.18	5.36	10645	5.10	10645	4.82	10645	4.09	10645	5.43	6.54	5.70	5.55	4.95												
ROEDEL						160	11.13	160	3.81	160	3.80	160	5.00	1.95															
ROSSI MILL	500	6.94	500	6.48	6.46	500	6.16	500	6.96	500	6.42	500	6.86	6.68	6.49	6.65	6.38												
SEBREE (FARMERS CO-OP)	15500	6.23	15500	7.93	6.82	15500	6.53	15500	6.07	15500	5.92	15500	6.15	6.22	6.36	6.38	5.71												
SETTLERS	12282	4.14	12282	4.67	4.27	12282	4.19	12282	4.23	12282	4.51	12282	4.59	4.38	4.22	4.48	3.91												
SEVEN SUCKERS						70	19.00	70	11.26	70	9.49	70	10.89	8.60	6.71	6.00	8.17												
SIEBENBERG	646	6.07	646	8.53	6.63	646	5.78	646	6.78	646	7.36	646	5.12	6.10	5.76	6.93	5.34												
THURMAN MILL	1799	5.78	1799	5.67	5.84	1799	5.67	1799	6.43	1799	5.06	1799	5.36	5.90	5.74	4.73	4.92												
UPPER CENTER POINT	641	9.05	641	10.63	8.22	641	8.61	641	8.09	641	8.30	641	7.95	9.57	10.83	10.65	10.36												
WASH SPRINGS DITCH						494	5.18	494	4.28	494	3.09	494	3.92	3.36	3.87	3.34	4.92												
TOTALS	307955	5.69	308604	5.88	5.79	314578	5.58	318135	5.88	316288	5.72	316297	5.95	5.79	5.66	6.00	5.55												

* FRANKLIN DITCH COMPANY AND MASON CREEK DITCH COMPANY LANDS ONLY. THE BALANCE OF THE LAND UNDER THE CALDWELL HIGH-LINE IS IRRIGATED WITH WATER DIVERTED FROM MASON DRAIN AND FIVE MILE CREEK.
1947 THRU 1964 CAN BE FOUND IN PREVIOUS ANNUAL REPORTS.

THE USE OF WATER PER ACRE IS A GROSS FIGURE, FOR A NET FIGURE TO THE LAND ALLOW ABOUT 35% LOSS.

TABLE SHOWING ACRES FEET PER ACRE DIVERTED BY ROSSI VALLEY CANALS FOR EACH IRRIGATION SEASON FROM 1965 (AVERAGE TAKEN FROM CHART # 9)

NAME OF CANAL	ACRES IRRIGATED 1975	ACRES IRRIGATED 1977	ACRES IRRIGATED 1978	1979	1980	1981	1982	1983	1984	1985
AIRKEN	236	4.38	236	4.09	3.75	3.98	3.63	3.86	3.08	3.55
ANDREWS	1068	7.17	1068	4.85	6.18	4.93	4.80	4.52	6.19	3.84
BALLENTYNE	763	4.91	763	4.39	7.36	4.04	7.90	7.09	9.67	7.28
BAXTER	200	20.91	200	17.35	24.21	17.31	20.01	19.17	26.85	17.98
BOISE CITY	1828	4.04	1828	5.23	4.85	5.25	5.88	5.59	5.72	5.35
BOISE VALLEY	2729	6.01	2729	6.66	6.72	5.76	5.84	6.63	6.09	5.61
BOONE	517	0	517	0	0	0	0	0	0	0
BONMAN SWISHER	424	9.56	424	7.50	6.40	6.48	5.34	6.29	6.81	5.14
BURR (SO. ROYSE MUTUAL)	1057	2.96	1057	3.99	4.11	3.00	2.91	3.04	3.72	3.44
CALDWELL HIGHLINE	3960	4.63	3960	4.47	4.43	4.63	4.33	3.85	4.34	3.89
CAMPRELL (CANYON)	802	7.11	802	7.76	11.27	11.44	10.18	11.56	12.19	9.30
CANYON COUNTY	3957	4.94	3957	5.07	5.37	5.46	5.24	5.51	4.95	5.06
CAPITAL VIEW	600	4.63	600	3.70	2.75	4.36	3.81	3.96	4.28	3.95
COMAY HAMMING	259	3.37	259	2.59	4.14	3.08	3.54	2.82	2.99	2.58
DAVIS DITCH	534	4.20	534	4.41	4.37	4.24	4.54	4.29	4.03	4.42
EAGLE ISLAND CANALS (LISTED INDIVIDUALLY)										
EUREKA # 1	1800	4.26	1800	4.46	3.94	5.20	4.84	5.82	5.83	5.85
EUREKA # 2	2625	10.51	2625	12.64	13.22	13.93	14.86	13.21	13.88	14.61
FARMERS UNION	8372	5.43	8372	5.90	5.50	5.81	5.50	5.52	5.99	5.55
GRAHAM GILBERT	200	4.09	200	2.32	4.50	3.03	4.09	3.35	3.41	3.58
HAYS	867	5.70	867	4.51	5.09	5.73	4.19	5.91	4.34	6.29
HART DAVIS	453	5.43	453	4.91	8.04	6.53	7.50	6.08	4.59	6.26
ISLAND HIGHLINE	945	15.89	945	13.35	15.98	20.99	17.17	18.35	16.75	13.54
LEWIS	300	3.55	300	3.78	4.72	3.37	4.26	3.32	3.12	3.59
LITTLE PIONEER	1336	6.37	1336	7.34	7.22	8.81	7.83	7.58	8.20	7.38
LOWER CENTER POINT	880	14.22	880	10.91	13.30	11.97	13.38	12.36	13.73	13.08
MACE CATLIN	536	3.81	536	4.61	5.24	3.97	4.83	3.41	3.19	3.44
MACE HACE	80	3.08	80	5.30	4.58	2.53	2.88	2.93	1.40	5.23
MAMMON	468	4.57	468	4.27	5.26	5.47	4.79	4.46	3.82	4.55
MCDONNELL ISLAND	1600	9.85	1600	7.72	7.88	11.31	9.31	9.22	8.64	8.85
MOMMIS TRATER	168	13.24	168	8.07	7.68	6.77	7.54	5.92	5.55	5.37
NEEVES # 1	73	9.29	73	9.29						
NEEVES # 2	26	23.27	26	23.27						
WIDOLETON IRRIGATION ASSOC.	5180	5.04	5180	4.31	5.13	5.74	5.03	5.77	5.58	5.95
WIDOLETON HILL	4400	4.71	4400	4.30	4.68	4.37	4.29	4.29	4.75	5.07
MISCELLANEOUS	801	4.23	888	5.11	888	5.60	4.89	6.14	5.08	13.21
NEW DRY CREEK	3059	5.83	3059	5.28	5.01	5.20	5.49	5.20	4.13	4.70
NEW UNION	688	6.00	688	5.58	6.53	5.79	6.06	5.57	4.04	5.76
NEW YORK CANAL (S. OF C.)	164920	5.32	164920	3.24	5.02	5.06	5.03	4.82	5.21	5.20
PADNA	602	12.72	602	11.85	8.46	10.85	9.80	11.25	10.98	9.94

TABLE SHOWING ACRE FEET PER ACRE DIVERTED BY ROSSIE VALLEY CANALS FOR EACH IRRIGATION SEASON FROM 1965 (AVERAGE TAKEN FROM CHART # 9)

NAME OF CANAL	ACRES IRRIGATED										
	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	
PENITENTIARY	321	5.70	321	5.91	9.51	6.36	7.69	8.42	6.30	5.28	7.34
PHILLIS (PIONEER IRRIG. DIST. 189974)	2374	4.08	2374	4.97	4.93	5.13	4.54	5.31	5.34	5.46	5.75
PIONEER DITIE	3000	8.96	3000	8.35	9.56	9.37	9.89	8.59	7.99	8.59	8.59
RIDERDAUGH	26877	4.53	26877	6.25	5.93	5.73	6.38	6.19	6.19	6.15	6.31
RIVERSIDE	10645	5.05	10645	4.70	5.39	5.28	5.62	5.58	4.84	4.50	4.84
RODELL	160	0	160	0	0	0	0	0	0	0	0
ROSSIE HILL	300	4.68	512	6.10	6.27	5.93	6.25	6.14	6.99	6.13	7.59
SEABEE (FARMERS COOP)	15500	4.14	15500	5.56	5.75	5.47	5.43	5.44	5.07	5.31	5.53
SETTLERS	12322	3.33	12322	3.76	4.01	3.62	3.80	3.90	3.68	3.71	3.58
SEVEN SUCKERS	70	6.54	70	4.54	6.11	6.40	5.97	6.69	5.43	5.60	6.11
SIEBERBERG	646	5.44	646	4.03	4.29	5.59	4.51	5.64	5.32	4.98	4.06
THORMAN HILL	1719	5.65	1719	4.92	6.07	5.99	6.40	5.33	4.95	5.34	5.41
UPPER CENTER POINT	641	10.90	641	11.54	9.97	8.15	8.70	8.32	6.43	8.15	7.76
WARM SPRINGS DITCH	494	4.28	494	3.45	4.12	4.17	4.54	2.82	3.35	4.16	3.86
TOTALS	316,282	5.60	316,282	4.09	5.26	5.39	5.30	5.52	5.44	5.42	5.62

*FRANKLIN DITCH COMPANY AND MASON CREEK DITCH COMPANY LANDS ONLY, THE BALANCE OF THE LAND UNDER THE CALDWELL HIGHLINE IS IRRIGATED WITH WATER FROM SEVERAL DRAINS.

1947 THRU 1964 CAN BE FOUND IN PREVIOUS REPORTS.

THE USE OF WATER PER ACRE IS A GROSS FIGURE, FOR A NET FIGURE TO THE LAND ALLOW ABOUT 35% LOSS.

BOISE VALLEY CANALS AND ACREAGE

CHART NO. 9

AIKEN	236 ACRES	ISLAND HIGH LINE	945 ACRES
ANDREWS	1068 "	LEMP DITCH	300 "
BALLENTYNE	763 "	LITTLE PIONEER	1336 "
BAXTER	200 "	LOWER CENTER POINT.....	880 "
BOISE CITY	1828 "	MACE & CATLIN	536 "
BOISE PROJECT BOARD OF CONTROL		MACE & MACE	80 "
BIG BEND IRRIG. DIST.....	1724 "	MAMMON	468 "
BOISE-KUNA IRRIG. DIST.....	48,629 "	MCCONNELL ISLAND	1600 "
NAMPA & MERIDIAN IRRIG. DIST.....	40,304 "	MCMANUS & TEATER	168 "
NEW YORK IRRIG. DIST.....	17,728 "	MIDDLETON MILL	4400 "
WILDER IRRIG. DIST.....	56,535 "	MIDDLETON WATER.....	5180 "
TOTAL - BOARD OF CONTROL.....	164,920 "	MISCELLANEOUS	888 "
BOISE VALLEY	2729 "	NEW DRY CREEK	3059 "
BOONE	517 "	NEW UNION	688 "
BOWMAN-SWISHER.....	424 "	PARMA DITCH	602 "
BUBB (SOUTH BOISE MUTUAL).....	1057 "	PENITENTIARY	321 "
*CALDWELL HIGH LINE.....	11,917 "	PIONEER IRRIG. DIST.....	23,974 "
CAMPBELL (CANYON DITCH).....	802 "	PIONEER DIXIE.....	3000 "
CANYON COUNTY	3957 "	RIDENBAUGH	26,877 "
CAPITAL VIEW	600 "	RIVERSIDE IRRIG. DIST.....	10,645 "
CONWAY-HAMMING.....	259 "	ROEDEL	160 "
DAVIS & LITTLE DAVIS	634 "	ROSSI MILL	512 "
EUREKA WATER CO. #1	1300 "	SEBREE.....	15,500 "
EUREKA DITCH CO. #2	2625 "	SEVEN SUCKERS	70 "
FARMERS UNION	8372 "	SETTLERS	12,322 "
GRAHAM-GILBERT	200 "	SIEBENBERG	646 "
HAAS.....	367 "	THURMAN MILL	1719 "
HART-DAVIS	453 "	UPPER CENTER POINT.....	641 "
		WARM SPRINGS DITCH	494 "
		TOTAL	324,239 ACRES

DRAINAGE WATER (NOT DIVERTED FROM BOISE RIVER)

BLACK CANYON IRRIGATION DISTRICT	6,894 ACRES
CALDWELL IRRIGATION DISTRICT	755 "
MORELAND & VIAL (DIXIE DRAIN)	640 "
	<hr/>
	8,289 ACRES

GRAND TOTAL 332,528 ACRES

THIS ACREAGE IS BASED, IN SOME INSTANCES, UPON ACTUAL SURVEYS, AND IN OTHER CASES UPON THE ACREAGE AS DETERMINED AT THE TIME OF THE STEWART DECREE, AND IS THE BEST INFORMATION AVAILABLE AT THE PRESENT TIME. IT WAS ORIGINALLY COMPUTED FEBRUARY 14, 1941, BUT HAS BEEN REVISED SEVERAL TIMES, PARTICULARLY TO REDUCE RIVER BOTTOM ACREAGES TO CONFORM TO STEWART DECREE ACREAGES AS DETERMINED BY SPECIAL COMMITTEE, AND TO ACCOMMODATE TRANSFERS FROM ONE CANAL OR USER TO ANOTHER.

RIDENBAUGH REPRESENTS OLD LANDS WITHIN THE NAMPA & MERIDIAN IRRIGATION DISTRICT THAT ARE WATERED BY THE OLD RIDENBAUGH RIGHTS IN THE STEWART DECREE. THE BALANCE OF THE NAMPA & MERIDIAN IRRIGATION DISTRICT LANDS ARE INCLUDED UNDER THE BOARD OF CONTROL.

*3960 ACRES ARE WATERED WITH LIVE WATER. THE BALANCE OF THE WATER COMES FROM SEVERAL DRAINS.

BOISE RIVER STORAGE ACCOUNTS - 1985 - IN ACRE FEET

CANAL COMPANY	ARROWROCK STORAGE	AMERSON STORAGE	LUCKY PEAK STORAGE	TOTAL AVAILABLE	JUNE USE	BALANCE JULY 1	JULY USE	BALANCE AUG. 1	AUGUST USE	BALANCE SEPT. 1	SEPT. USE	BALANCE OCT. 1	OCTOBER USE	BALANCE END OF SEASON	TOTAL 1985 STORAGE USED	AMERSON CARRYOVER	LUCKY PEAK CARRYOVER	ARROWROCK UNUSED
BALUNTYNE	375		1300	1675	0	1675	288	1388	119	1269	0	1269	0	1269	407	0	1269	
BOISE CITY			1000	1000	0	1000	46	954	40	914	0	914	0	914	86	0	914	
BOISE VALLEY			2500	3461	0	3461	369	3092	563	2529	0	2529	0	2529	932	29	2500	
BURB. I. SD. BOISE (MUTUAL)			500	1043	0	1043	0	1043	75	968	0	968	0	968	75	468	500	
CANYON COUNTRY			6000	6000	0	6000	744	5256	906	4350	115	4235	0	4235	1765	0	4235	
CAPITAL VIEW			300	760	0	760	60	700	62	638	10	628	0	628	132	328	300	
DAVIS			1500	1500	0	1500	0	1500	32	1468	0	1468	0	1468	32	0	1468	
EATLE ISLAND CANALS			7550	7550	0	7550	131	7519	268	7251	44	7207	0	7207	443	0	7207	
EUKEBA # 1			2800	2800	0	2800	159	2641	288	2353	0	2353	0	2353	447	0	2353	
FARMERS UNION	2874		10,000	18,501	0	18,501	3078	15,423	4366	11,057	647	10,410	0	10,410	8091	510	10,000	
LITTLE PIONEER			500	2674	0	2674	688	1986	476	1510	87	1423	0	1423	1251	923	500	
MIDDLETON IRRIGATION			6360	6360	0	6360	782	5578	310	5268	16	5252	0	5252	1108	0	5252	
MIDDLETON HILL			4620	4620	0	4620	567	4053	224	3829	12	3817	0	3817	803	0	3817	
NEW DRY CREEK			3000	4236	0	4236	476	3820	228	3592	0	3592	0	3592	704	592	3000	
NEW UNION			1400	1400	0	1400	0	1400	0	1400	0	1400	0	1400	0	0	1400	
NEW YORK *	237,313	359,662	0	596,975	42,564	554,411	156,126	398,285	162,127	236,158	102,107	134,051	39,900	94,151	502,824	94,151	0	
PWYLESS ***	21,071	23,582	16,000	62,653	3731	59,922	18,240	40,682	17,439	23,243	2339	20,904	0	20,904	41,749	4,904	16,000	
PIDENROUGH	3,832	15,137	35,000	53,969	0	53,969	10,439	43,530	11,924	31,606	2104	29,502	0	29,502	24,467	0	29,502	
ROSSI HILL			700	700	0	700	44	656	50	606	0	606	0	606	34	0	606	
SEBREE	1,227		0	1,227	0	1,227	0	1,227	0	1,227	0	1,227	0	1,227	0	0	606	
SETTLERS **	2,878	6,082	10,000	18,960	0	18,960	2,825	16,135	3,233	12,902	504	12,398	0	12,398	6,562	2,598	10,000	
TRISHAN MILL			800	800	0	800	0	800	0	800	0	800	0	800	0	0	800	
LUCKY PEAK MANSERY			200	200	0	200	34	166	34	132	32	100	0	100	100	0	100	
EDWARD DEPT. OF FISH AND GAME			50,000	50,000	0	50,000	0	50,000	0	50,000	0	50,000	2,222	47,778	2,222	0	47,778	
ANDERSON DAM PNER			5,200	5,200	0	5,200	0	5,200	0	5,200	0	5,200	0	5,200	0	5,200	0	
LUCKY PEAK UNCONTRACTED			102,421	102,421	0	102,421	0	102,421	0	102,421	0	102,421	2,539	99,882	2,539	0	99,882	
TOTALS	269,395	423,200	264,371	956,966	46,293	910,671	195,096	715,575	202,764	512,811	108,017	404,794	44,661	360,133	596,893	109,503	249,303	1,327

* LESS 1100 ACRE FEET OF ARROWROCK STORAGE WATER AND 272 ACRE FEET OF AMERSON STORAGE WATER TRANSFERRED TO PWWLLESS TO IRRIGATE GOVERNMENT LANDS.
 ** INCREASE SETTLERS STORAGE 1100 ACRE FEET OF ARROWROCK STORAGE, 272 ACRE FEET OF AMERSON STORAGE TO IRRIGATE GOVERNMENT LANDS.
 *** INCREASE PWWLLESS ARROWROCK STORAGE 53 ACRE FEET TO IRRIGATE GOVERNMENT LANDS.
 STATE OF IDAHO DEPT. OF FISH AND GAME STORAGE TO BE USED DURING THE WINTER MONTHS.
 LUCKY PEAK UNCONTRACTED STORAGE TO BE RELEASED BY ORDER OF THE U.S. BUREAU OF RECLAMATION.

STORAGE WATER ALLOCATIONS FOR ARROWROCK AND ANDERSON RESERVOIRS

CHART NO. 11

ARROWROCK

NAME	ACRE FEET OF STORAGE WATER	PERCENT OF SPACE
BOISE PROJECT BOARD OF CONTROL	177,816	62.01
NAMPA & MERIDIAN	55,055	19.25
PIONEER IRRIGATION DISTRICT	21,018	7.333
FARMERS UNION DITCH CO.	2,874	1.000
SETTLERS IRRIGATION DISTRICT	1,778	.62
FARMERS CO-OP CANAL CO.	1,227	.428
RIDENBAUGH CANAL	3,832	1.337
HILLCREST	23,000	8.02
TOTAL	286,600	99.998

ANDERSON

BOISE-KUNA IRRIGATION DISTRICT	112,149	26.83
NEW YORK IRRIGATION DISTRICT	41,006	9.81
WILDER IRRIGATION DISTRICT	125,108	29.93
BIG BEND IRRIGATION DISTRICT	3,887	.93
NAMPA & MERIDIAN	77,784	18.61
TOTAL BOARD OF CONTROL		
RIDENBAUGH	15,137	3.62
PIONEER IRRIGATION DISTRICT	25,582	6.12
FARMERS UNION DITCH CO.	5,727	1.37
NEW DRY CREEK DITCH CO.	1,296	.31
SETTLERS IRRIGATION DISTRICT	5,810	1.39
BOISE VALLEY IRRIGATION DITCH CO.	961	.23
SOUTH BOISE MUTUAL IRRIGATION CO.	543	.13
BALLENTYNE DITCH CO.	376	.09
CAPITOL VIEW IRRIGATION DISTRICT	460	.11
PIONEER DITCH COMPANY	2,174	.52
TOTAL	418,000	100.00
POWER	5,200	

359,934

STORAGE WATER ALLOCATIONS FOR LUCKY PEAK RESERVOIR

CHART NO. 11

NAME	ACRE FEET OF STORAGE WATER	PERCENT OF SPACE
BALLENTYNE	1,300	.467
BOISE CITY	1,000	.360
BOISE VALLEY	2,500	.899
BUBB (SOUTH BOISE MUTUAL)	500	.180
CANYON COUNTY	6,000	2.157
CAPITAL VIEW IRRIG. DIST.	300	.108
DAVIS DITCH (VILLAGE OF GARDEN CITY)	1,500	.539
EAGLE ISLAND WATER CO.	7,650	2.750
EUREKA WATER CO. #1	2,800	1.006
FARMERS UNION	10,000	3.595
LITTLE PIONEER	500	.180
MIDDLETON IRRIG. ASSN.	6,380	2.293
MIDDLETON MILL	4,620	1.661
NEW DRY CREEK	3,000	1.078
NEW UNION	1,400	.503
PHYLLIS (PIONEER IRRIG. DIST.)	16,000	5.751
RIDENBAUGH	35,000	12.580
ROSSI MILL (SOUTH BOISE WATER)	700	.252
SETTLERS	10,000	3.595
THURMAN MILL	800	.288
IDAHO FISH & GAME	50,000	17.972
UNCONTRACTED SPACE	116,250	41.786
TOTAL	278,200	100.0

TRIBUTARY AND RETURN FLOW TO BOISE RIVER IN SECOND FEET
FOR IRRIGATION SEASON OF 1965
APRIL

NAME OF TRIBUTARY	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	25	25	25	25	25	25	25	25	25	25	TOTALS
BOISE SEWER	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	732	
CONWAY GULCH	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	38	38	38	38	38	38	38	61	61	61	61	61	61	61	61	61	61	949		
DIXIE DRAIN	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	127	127	127	127	127	127	127	229	229	229	229	229	229	229	229	229	229	3702		
DRAINAGE DISTRICT #3	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	5	5	101	
EAGLE DRAIN	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	11	11	11	11	11	11	11	13	13	13	13	13	13	13	13	13	13	13	22	22	338
FIVE MILE CREEK	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	338	
HARTLEY DRAIN	20	20	20	20	20	20	20	14	14	14	14	14	14	14	14	14	19	19	19	19	19	19	19	36	36	36	36	36	36	36	36	36	36	35	3622	
HARTLEY GULCH	6	6	6	6	6	6	6	5	5	5	5	5	5	5	5	16	16	16	16	16	16	33	33	33	33	33	33	33	33	33	33	33	33	33	0	
INDIAN CREEK	181	181	181	181	181	181	181	181	181	181	181	181	181	181	181	181	181	181	181	181	181	181	0	0	0	0	0	0	0	0	0	0	0	0	0	223
LONG FEEDER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1958	
MASON CREEK	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	7	7	7	7	7	7	13	13	13	13	13	13	13	13	13	13	13	68	995	
MASON DRAIN	46	46	46	46	46	46	46	49	49	49	49	49	49	49	49	56	56	56	56	56	56	56	112	112	112	112	112	112	112	112	112	112	112	112	37	1302
NORTH MIDDLETON DRAIN	24	24	24	24	24	24	24	27	27	27	27	27	27	27	27	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	85	155	
SOUTH MIDDLETON DRAIN	25	25	25	25	25	25	25	25	20	20	20	20	20	20	20	20	20	20	20	20	20	20	0	0	0	0	0	0	0	0	0	0	0	0	19	339
STAR FEEDER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	19	147
THURMAN DRAIN	12	12	12	12	12	12	12	11	11	11	11	11	11	11	11	8	8	8	8	8	8	8	12	12	12	12	12	12	12	12	12	12	12	15	518	
WATTS CHECK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WILLOW CREEK	15	15	15	15	15	15	15	4	4	4	4	4	4	4	4	4	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	38	518
TOTALS	485	485	485	485	485	485	485	462	462	462	462	462	462	462	462	369	445	445	458	458	458	464	762	887	887	918	918	918	935	826				17,239		

MAY

BOISE SEWER	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	884
CONWAY GULCH	48	48	48	48	48	48	48	51	51	51	51	51	51	51	51	68	68	68	68	68	68	68	64	64	64	64	64	64	64	64	64	64	64	64	1839
DIXIE DRAIN	150	150	150	150	150	150	150	220	220	220	220	220	220	220	220	321	321	321	321	321	321	321	329	329	329	329	329	329	329	329	329	329	329	329	7890
DRAINAGE DISTRICT #3	5	5	5	5	5	5	5	5	5	5	5	5	5	5	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	193
EAGLE DRAIN	22	22	22	22	22	22	22	28	28	28	28	28	28	28	28	37	37	37	37	37	37	37	52	52	52	52	52	52	52	52	52	52	52	52	1299
FIVE MILE CREEK	49	49	49	49	49	49	49	54	54	54	54	54	54	54	54	132	132	132	132	132	132	132	200	200	200	200	200	200	200	200	200	200	200	200	3680
HARTLEY DRAIN	35	35	35	35	35	35	35	65	65	65	65	65	65	65	65	95	95	95	95	95	95	95	87	87	87	87	87	87	87	87	87	87	87	87	2303
HARTLEY GULCH	18	18	18	18	18	18	18	24	24	24	24	24	24	24	24	38	38	38	38	38	38	38	28	28	28	28	28	28	28	28	28	28	28	28	862
INDIAN CREEK	81	81	81	81	81	81	81	53	53	53	53	53	53	53	53	69	69	69	69	69	69	132	132	132	132	132	132	132	132	132	132	132	132	132	2664
LONG FEEDER	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	10	10	10	10	10	10	10	10	10	10	10	10	244
MASON CREEK	8	8	8	8	8	8	8	12	12	12	12	12	12	12	12	9	9	9	9	9	9	9	13	13	13	13	13	13	13	13	13	13	13	13	346
MASON DRAIN	68	68	68	68	68	68	68	112	112	112	112	112	112	112	112	158	158	158	158	158	158	180	180	180	180	180	180	180	180	180	180	180	180	180	4218
NORTH MIDDLETON DRAIN	37	37	37	37	37	37	37	73	73	73	73	73	73	73	73	95	95	95	95	95	95	95	137	137	137	137	137	137	137	137	137	137	137	137	2649
SOUTH MIDDLETON DRAIN	85	85	85	85	85	85	85	96	96	96	96	96	96	96	96	104	104	104	104	104	104	104	135	135	135	135	135	135	135	135	135	135	135	135	3371
STAR FEEDER	31	31	31	31	31	31	31	51	51	51	51	51	51	51	51	70	70	70	70	70	70	70	67	67	67	67	67	67	67	67	67	67	67	67	1706
THURMAN DRAIN	19	19	19	19	19	19	19	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	19	19	19	19	19	19	19	19	19	19	19	19	608
WATTS CHECK	13	13	13	13	13	13	13	21	21	21	21	21	21	21	21	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	609
WILLOW CREEK	38	38	38	38	38	38	38	29	29	29	29	29	29	29	29	37	37	37	37	37	37	37	66	66	66	66	66	66	66	66	66	66	66	66	1356
TOTALS	745	745	745	745	745	745	762	887	960	960	960	960	960	960	961	1196	1314	1315	1315	1315	1315	1315	1571	1575	1575	1575	1575	1575	1584	1416	1347	1347	1347	36,721	

TRIBUTARY AND RETURN FLOW TO BOISE RIVER IN SECONDS FEET
FOR IRRIGATION SEASON OF 1985

OCTOBER

NAME OF TRIBUTARY	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	TOTALS
BOISE SEWER	28	28	28	28	28	28	28	28	27	27	27	27	27	27	27																	413
CONWAY GULCH	78	74	74	74	74	74	74	74	66	66	66	66	66	66	66																	1058
DIXIE DRAIN	374	273	273	273	273	273	273	273	274	274	274	274	274	274	274																	173
DRAINAGE DISTRICT #3	10	10	10	10	10	10	13	13	13	13	13	13	13	13	13																	363
EAGLE DRAIN	23	23	23	23	23	23	23	25	25	25	25	25	25	25	25																	2728
FIVE MILE CREEK	184	184	184	184	184	184	184	180	180	180	180	180	180	180	180																	859
HARTLEY DRAIN	53	53	53	53	53	53	53	53	61	61	61	61	61	61	61																	450
HARTLEY GULCH	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30																	3214
INDIAN CREEK	210	210	210	210	210	210	210	218	218	218	218	218	218	218	218																	75
LONG FEEDER	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5																	247
MASON CREEK	17	17	17	17	17	17	17	16	16	16	16	16	16	16	16																	2851
MASON DRAIN	181	181	181	181	181	181	181	198	198	198	198	198	198	198	198																	980
NORTH MIDDLETON DRAIN	60	60	60	60	60	60	60	70	70	70	70	70	70	70	70																	1353
SOUTH MIDDLETON DRAIN	87	87	87	87	87	87	87	93	93	93	93	93	93	93	93																	651
STAR FEEDER	45	45	45	45	45	45	45	42	42	42	42	42	42	42	42																	327
THURMAN DRAIN	23	23	23	23	23	23	21	21	21	21	21	21	21	21	21																	157
WATTS CHECK	11	11	11	11	11	11	11	10	10	10	10	10	10	10	10																	587
WILLOW CREEK	37	37	37	37	37	37	37	41	41	41	41	41	41	41	41																	
TOTALS	1456	1351	1351	1351	1351	1351	1354	1398	1390	1390	1390	1390	1390	1390	1388	1388																20,689

BOISE SEWER
CONWAY GULCH
DIXIE DRAIN
DRAINAGE DISTRICT #3
EAGLE DRAIN
FIVE MILE CREEK
HARTLEY DRAIN
HARTLEY GULCH
INDIAN CREEK
LONG FEEDER
MASON CREEK
MASON DRAIN
NORTH MIDDLETON DRAIN
SOUTH MIDDLETON DRAIN
STAR FEEDER
THURMAN DRAIN
WATTS CHECK
WILLOW CREEK

TOTALS

TABLE IN ACRE FEET, SHOWING TOTAL
MONTHLY DRAIN DISCHARGES INTO THE BOISE RIVER
DURING THE IRRIGATION SEASON OF 1985

CHART # 13

NAME OF DRAIN	APRIL	MAY	JUNE	JULY	AUGUST	SEPT.	OCT.	TOTALS
BOISE SEWER	1452	1753	1682	1829	1817	1694	819	11046
CONWAY GULCH	1882	3648	3844	3818	4477	4955	2099	24723
DIXIE DRAIN (SLOUGH)	7343	15650	12379	13442	12851	20051	8337	90053
FIVE MILE CREEK	2277	7299	8700	7454	8148	11996	5411	51285
INDIAN CREEK	7184	5445	5195	4518	6296	10231	6375	45244
MASON CREEK	442	686	1107	1164	1381	992	490	6262
MASON DRAIN	3884	8366	9412	10517	12040	14194	5655	64068
TOTALS	24,464	42,847	42,319	42,742	47,010	64,113	29,186	292,681
DRAINAGE DISTRICT # 2 (ENTERS INTO THE BOISE RIVER)								
EAGLE DRAIN	670	2577	2973	3199	3021	2031	720	15191
HARTLEY DRAIN	1333	4568	4516	4566	4374	4969	1704	26030
HARTLEY GULCH	670	1710	1341	1319	1331	1650	893	8914
NORTH MIDDLETON DRAIN	1974	5254	3731	2075	2331	3558	1944	20867
SOUTH MIDDLETON DRAIN	2583	6686	6478	5580	5601	5629	2684	35241
WILLOW CREEK	1027	2690	2200	1099	1023	2438	1164	11641
TOTALS	8,257	23,485	21,239	17,838	17,681	20,275	9,109	117,884
DIVERTED INTO CANALS								
LONG FEEDER	0	484	430	430	355	298	149	2146
STAR FEEDER	307	3384	2993	3481	3116	3612	1291	18184
WATTS CHECK	292	1208	1075	1303	1047	738	311	5974
TOTALS	599	5076	4498	5214	4518	4648	1751	26304
TOTAL DRAINAGE DISTRICT # 2	8,856	28,561	25,737	23,052	22,199	24,923	10,860	144,188
DRAINAGE DISTRICT # 3								
RIDENBAUGH, BOOTH & MYERS DRAIN	200	383	541	623	661	722	343	3473
DRAINAGE DISTRICT # 4								
THURMAN DRAIN	672	1206	1218	1105	1456	1331	649	7637
TOTAL ALL DRAINS	34,192	72,997	69,815	67,522	71,326	91,089	41,038	447,979

SUMMARY TABLE SHOWING BOISE RIVER AT DIVERSION DAM
 CANAL DELIVERIES - TRIBUTARY GAIN - SEEPAGE GAIN - NET GAIN
 BY MONTHS IN ACRE FEET - 1 APRIL THRU 15 OCTOBER 1985

	APRIL	MAY	JUNE	JULY	AUGUST	SEPT.	OCT.	TOTALS
BOISE RIVER AT DIVERSION DAM	136,651	277,336	257,409	266,259	244,946	170,757	65,507	1,418,865
TRIBUTARY GAIN	34,192	72,997	69,815	67,522	71,326	91,089	41,038	447,979
TOTAL AVAILABLE	170,843	350,333	327,224	333,781	316,272	261,846	106,545	1,866,844
DELIVERIES TO CANALS	139,107	331,292	324,984	338,107	320,979	228,036	95,742	1,778,247
NET TRIBUTARY GAIN UNUSED	31,736	19,041	2,240	0	0	33,810	10,803	97,630
SEEPAGE GAIN	0	0	0	4,326	4,707	0	0	9,033

TOTAL MONTHLY FLOW IN ACRE FEET AND AVERAGE DAILY FLOW IN SECOND FEET OF ALL DRAINS IN DRAINAGE DISTRICT # 2, FOR 29,000 ACRES.

1985

NAME OF DRAIN	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	TOTALS	YEAR	ACRE FEET PER ACRE
EAGLE DRAIN	670	2577	2973	3199	3021	2031	720	15,191	1962	4.4
HARTLEY DRAIN	1333	4568	4516	4566	4374	4969	1704	26,030	1963	4.1
HARTLEY GULCH	670	1710	1341	1319	1331	1650	893	8,914	1964	5.1
LONG FEEDER	0	484	430	430	355	298	149	2,146	1965	6.0
NO. MIDDLETON DRAIN	1974	5254	3731	2075	2331	3558	1944	20,867	1966	5.2
SO. MIDDLETON DRAIN	2583	6686	6478	5580	5601	5629	2684	35,241	1967	5.4
STAR FEEDER	307	3384	2993	3481	3116	3612	1291	18,184	1968	5.2
WATTS CHECK	292	1208	1075	1303	1047	738	311	5,974	1969	6.0
WILLOW CREEK	1027	2690	2200	1099	1023	2438	1164	11,641	1970	5.6
									1971	6.2
TOTALS	8,856	28,561	25,737	23,052	22,199	24,923	10,860	144,188	1972	5.8
									1973	5.1
AVERAGE DAILY FLOW IN SECOND FEET	149	464	433	375	361	419	365	367	1974	5.4
									1975	5.3
ACRE FEET PER ACRE	.31	.98	.89	.79	.77	.86	.37	4.97	1976	5.4
									1977	4.3
									1978	4.8
									1979	4.9
									1980	5.3
									1981	4.9
									1982	5.5
									1983	5.6
									1984	5.6
									1985	5.0

TABLE SHOWING TOTAL DISCHARGE OF ALL DRAINS
IN DRAINAGE DISTRICT # 3 FOR 4,200 ACRES
1985

	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	TOTALS
AVERAGE DAILY FLOW IN SECOND FEET	3.37	6.23	9.10	10.13	10.74	12.13	11.53	9.03
TOTAL MONTHLY FLOW IN ACRE FEET	200	383	541	623	661	722	349	3473
ACRE FEET PER ACRE	.05	.09	.13	.15	.16	.17	.08	.83

TABLE SHOWING TOTAL DISCHARGE OF ALL DRAINS
IN DRAINAGE DISTRICT # 4 FOR 2,500 ACRES
1985

	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	TOTALS
AVERAGE DAILY FLOW IN SECOND FEET	11.30	19.61	20.47	17.97	23.68	22.37	21.80	19.60
TOTAL MONTHLY FLOW IN ACRE FEET	672	1206	1218	1105	1456	1331	649	7637
ACRE FEET PER ACRE	.27	.48	.49	.44	.58	.53	.26	3.05

TABLE SHOWING TOTAL DISCHARGE OF ALL DRAINS
IN DRAINAGE DISTRICT # 3 FOR 4,200 ACRES
1985

	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	TOTALS
AVERAGE DAILY FLOW IN SECOND FEET	3.37	6.23	9.10	10.13	10.74	12.13	11.53	9.03
TOTAL MONTHLY FLOW IN ACRE FEET	200	383	541	623	661	722	343	3473
ACRE FEET PER ACRE	.05	.09	.13	.15	.16	.17	.08	.83

TABLE SHOWING TOTAL DISCHARGE OF ALL DRAINS
IN DRAINAGE DISTRICT # 4 FOR 2,500 ACRES
1985

	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	TOTALS
AVERAGE DAILY FLOW IN SECOND FEET	11.30	19.61	20.47	17.97	23.68	22.37	21.80	19.60
TOTAL MONTHLY FLOW IN ACRE FEET	672	1206	1218	1105	1456	1331	649	7637
ACRE FEET PER ACRE	.27	.48	.49	.44	.58	.53	.26	3.05

SUMMARY TABLE IN SECOND FEET
 SHOWING AVERAGE DAILY RETURN FLOW TO THE BOISE RIVER
 FOR THE LAST 15 YEARS

MONTH	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
APRIL	775	645	626	596	395	717	468	634	536	580	698	589	729	702	575
MAY	1112	1192	949	1063	962	1067	945	906	967	1217	1150	1159	1243	1328	1187
JUNE	1369	1365	1113	1196	1238	1392	853	1165	1138	1253	1318	1313	1422	1441	1173
JULY	1259	1282	1097	1233	1264	1327	858	1278	1222	1223	1196	1326	1363	1296	1098
AUGUST	1294	1298	1102	1284	1387	1531	817	1279	1237	1306	1203	1372	1423	1273	1160
SEPT.	1472	1462	1204	1389	1326	1519	955	1286	1144	1455	1296	1517	1406	1500	1531
OCTOBER	1384	1364	1201	1282	1489	1117	875	1242	1072	1061	1382	1439	1391	1417	1379
AVERAGE	1238	1230	1042	1149	1152	1239	824	1113	1044	1156	1178	1245	1282	1280	1158

DISTRIBUTION OF DRAINAGE WATER
TO VARIOUS CANALS

CHART NO. 20

DRAINAGE DISTRICT NO. 2

	PERCENT OF TOTAL		PERCENT OF TOTAL
FARMERS UNION	20.99	CANYON COUNTY	12.68
BOISE VALLEY	10.03	BALLENTYNE	3.04
NEW DRY CREEK	9.47	BOISE CITY	3.01
NEW UNION	1.21	CONSUMERS	.11
MIDDLETON CANAL	35.00	LITTLE PIONEER	4.46

THE CREDITS GIVEN ABOVE ARE BASED ON A DRAINAGE FLOW OF 100 SECOND FEET.

JUDGE BRINK ORDERS, AUGUST, 1928, GIVES 90 INCHES ADDITIONAL TO FARMERS UNION.

DRAINAGE DISTRICT NO. 3

	PERCENT OF TOTAL		PERCENT OF TOTAL
BOARD OF CONTROL	49.00	ROSSI MILL	10.00
RIDENBAUGH	24.00	MEEVES	2.00
BUBB (SOUTH BOISE MUTUAL)	15.00		

THE CREDITS GIVEN ARE BASED UPON A DRAINAGE DISCHARGE OF 15 SECOND FEET.

DRAINAGE DISTRICT NO. 4

THURMAN MILL	570.98 INCHES
RIDENBAUGH	51.34 "
WARM SPRINGS SLOUGH	127.68 "

THE CREDITS ABOVE ARE BASED ON A DRAINAGE DISCHARGE OF 750 INCHES, AND THE AMOUNTS ARE A DIRECT COURT ORDER.

INTERVENORS - STEWART DECREE

CHART NO. 21

BOISE RIVER

NUMBER	DATE	NAME	CANAL	AMOUNT DECREED		DEPT. OF WATER ADMINISTRATION
				SEC. FT.	INCHES	
8-A	4-1-1865	ADOLPH BAHLER	BAHLER	.80	40	63-0278
8-B	4-1-1865	FIRST NAT. BANK OF PUEBLO	BUBB	1.80	90	63-0280
8-C	1865	LOUISE SIMONSON	LEMP DITCH	6.00	300	63-0280
8-D	1865	S. G. HARDIES	BUBB	.50	25	63-0281
31-A	6-1-1866	WM. MUSSER	LAWRENCE & KENNEDY	2.30	115	63-0254
31-B	6-1-1866	MINNIE & JEREMIAH COUZENS	MIDDLETON WATER	.60	30	63-0255
31-C	6-1-1866	ALBERT C. BOWERMAN	LAWRENCE & KENNEDY	1.10	55	63-0001
35-A	6-1-1867	RALPH T. KNIGHT & ORA K. TILLER	CANYON COUNTY WATER CO.	1.76	88	63-0277
47-A	4-1-1870	ADOLPH BAHLER	BAHLER	.80	40	63-0279
50-A	1870	(S. G. HARDIES (AMELIA EISLEY	BUBB	1.00	50	63-0282)
59-A	5-1-1875	KARL F. & OTTO W. ROEDEL	INDIAN CREEK	3.20	160	63-0305
66-A	4-1-1878	J. S. KRAUSS	BALLENTYNE	.80	40	63-0265
66-C	4-1-1878	J. W. KOLANDER	BALLENTYNE	1.40	70	63-0289
66-D	4-1-1878	M. T. GRIFFITH	BALLENTYNE	.80	40	63-0264
71-A	4-1-1879	ISLAND HIGH LINE DITCH	ISLAND HIGH LINE DITCH	3.00	150	63-0291
73-A	4-1-1880	GOBLE & SONGER	NEW DRY CREEK	.54	27	63-0288
73-B	1880	ALBERT LEMP ET AL	BAXTER DITCH	3.20	160	63-0368
74-A	6-1-1880	C. B. FRANK	NEW DRY CREEK	1.816	90.8	63-0263
77-A	6-1-1881	GUS A. BARTH	PARMA DITCH CO.	1.60	80	63-0272
77-B	6-1-1881	CHARLES JURRIES	PARMA DITCH CO.	.34	17	63-0274
77-C	6-1-1881	JAMES FINLAY	PARMA DITCH CO.	.80	40	63-0275
77-D	6-1-1881	LESTER J. SHIPPY	PARMA DITCH CO.	1.30	65	63-0273
77-E	4-15-1882	ROC HELM	RIVERSIDE IRRIG. DIST.	3.674	183.70	63-0290
85-A	6-1-1882	LEO MARSTERS	WARM SPRINGS SLOUGH	1.76	88	63-0287
85-B	4-1-1883	JACOB BINGMAN	SETTLERS	1.00	50	63-0257
85-C	5-1-1883	WM. HUCKBA	NEW DRY CREEK	.2232	11.16	63-0259
85-D	5-1-1883	C. H. SCHMELZER	BALLENTYNE	.8256	41.28	63-0260
85-E	5-1-1883	C. W. MCCLURG	NEW DRY CREEK	.385	19.25	63-0261
106-A	3-1-1889	AMELIA EISLEY	BUBB	.84	42	63-0284
114-A	5-1-1889	NEIL & PATRICK O'DONNELL	O'DONNELL & BARTH	1.60	80	63-0276
114-B	5-1-1889	GUS A. BARTH	O'DONNELL & BARTH	.80	40	63-0271
116-A	6-1-1890	ANNA SPENCER	RIVERSIDE IRRIG. DIST.	.72	36	63-0266
116-B	6-1-1890	WILLIS B. SPENCER	RIVERSIDE IRRIG. DIST.	.10	5	63-0267
116-C	6-1-1890	REBECCA BELL	RIVERSIDE IRRIG. DIST.	.40	20	63-0268
123-A	4-15-1893	OTTO & MARIE MULLER	MIDDLETON MILL DITCH	1.60	80	63-0370
124-A	5-1-1893	W. D. CHARTERS	NEW DRY CREEK	.825	41.25	63-0258
129-A	4-1-1897	H. E. PLAIN	NEW DRY CREEK	.54	27	63-0286
136	5-1-1906	H. E. WIMER	BALLENTYNE	.392	19.6	63-0285
137	5-1-1909	B. P. WEAVERLING	MACE & MACE	1.76	88	63-0253
137-A	4-1-1910	ISLAND HIGH LINE DITCH	ISLAND HIGH LINE DITCH	7.00	350	63-0292
138	6-14-1912	WESLEY A. MACE	MACE & CATLIN	.44	22	63-0361
139	4-1-1915	ISLAND HIGH LINE DITCH CO.	ISLAND HIGH LINE DITCH	10.00	500	63-0293

TABLE SHOWING CHANGE IN POINT OF DIVERSION OF DECREED RIGHTS ON BOISE RIVER

CHART NO. 22

NO. OF CHANGE OF POINT OF DIVERSION	POINT OF DIVERSION		DEPT. OF WATER ADMINISTRATION	PRIORITY		DATE OF CHANGE	QUANTITY IN CFS	QUANTITY IN INCHES	BY WHOM TRANSFERRED	REMARKS
	FROM	TO		NO.	DATE					
12	SIEBENBERG	CANYON DITCH	63-0138	9	6-1-1865	4-8-1912	.50	25	HENRY MEEK	
29	CALDWELL HIGH LIME	CANYON COUNTY	63-0179	46	6-1-1869	8-26-1918	1.00	50	J. C. HUGHES	
32	DAVIS	DAVIS DITCH	63-0122	119	6-1-1891	7-15-1919	.54	27	DAVIS ESTATE	
35	PIONEER DIXIE	RIVERSIDE	(63-0136	(8	9-1-1864	4-3-1919	.72	36	REBECCA BELL	
			(63-0137	(45	6-1-1869		1.28	64		
36	CANYON COUNTY	MIDDLETON WATER	63-0168	35	6-1-1867	4-12-1918	.38	19	DRAPER, BODLE, WATT, SURGEON	FLAKE DITCH
36A	AMERICAN DITCH	PIONEER DIXIE	63-0233	96	10-1-1887	4-19-1909	2.00	100	C. H. ROSENBERGER	
38	HART & DAVIS	SEVEN SUCKERS	(63-0186	(57	6-1-1872	9-24-1915	(1.04	(52	SHAFFER, BLAIR, JENKINS, PARROTT	
			(63-0187	(58	6-1-1872		((
39	HART & DAVIS	SEVEN SUCKERS	(63-0186	(57	6-1-1872	6-12-1918	((GEORGE RAMBO	
			(63-0187	(58	6-1-1872		((
47	AMERICAN DITCH	EUREKA NO. 2	63-0233	96	10-1-1887	3-18-1910	29.50	1475	AMERICAN DITCH ASSN.	
48	AMERICAN DITCH	PIONEER DIXIE	63-0233	96	10-1-1887	3-31-1910	4.10	210	NANCY & WILLIAM NICHOLS, C.W. COOPER	
50	LOWER CENTER POINT	BONMAN & SWISHER	63-0151	19	6-1-1865	3-31-1920	2.88	144	JOHN SWISHER	
51	LOWER CENTER POINT	BONMAN & SWISHER	63-0152	20	6-1-1865	3-31-1920	6.40	320	BIRD BONMAN	
54	CANYON COUNTY	MIDDLETON HILL	63-0168	35	6-1-1867	4-24-1920	1.11	55.5	H. G. DUDLEY	FOOTE & WISEMAN
57	MIDDLETON WATER	BALLENTYNE	63-0198	65	6-1-1877	12-2-1920	.60	30	EDWARD MCCLINTOCK	
59	KENNEDY	CANYON COUNTY	63-0163	31	6-1-1866	3-18-1921	2.60	130	DANIEL W. KENNEDY	
61	KENNEDY & LAWRENCE	MIDDLETON WATER	63-0255	318	6-1-1866	6-22-1921	.60	30	MINNIE COUZENS	
62	PIONEER DIXIE	EUREKA NO. 2	63-0233	96	10-1-1887	11-14-1910	1.00	50	J. A. CARTRIGHT	
64	BALLENTYNE	NEW DRY CREEK	63-0238	102	6-1-1888	12-21-1921	.20	10	HARRY SEAVEY	
71	UPPER CENTER POINT	EUREKA NO. 2	63-0156	24	6-1-1865	3-14-1911	.80	40	J. D. ROLAND	
75	MIDDLETON HILL	CANYON COUNTY	63-0168	35	6-1-1867	11-25-1924	.50	25	DE TWEEDE, NORTHWESTERN & PACIFIC HYPOTHECK BANK	
76	THURMAN DRAIN	SETTLERS	63-0257	858	4-1-1883	3-12-1925	1.00	50	JACOB BINGMAN	
77	BUBB	BAHLER	(63-0278	(8A	4-1-1865	4-26-1925	.80	40	ADOLPH BAHLER	
			(63-0279	(47A	4-1-1870		.80	40		
83	WARM SPRINGS DITCH	SETTLERS	63-0287	85A	6-1-1882	4-29-1926	.72	36	LEO MARSTERS	
84	MIDDLETON WATER	FARMERS UNION	63-0198	65	6-1-1877	3-9-1926	.80	40	J. C. RALPHS	
85	UPPER CENTER POINT	EUREKA NO. 2	63-0156	24	6-1-1865	5-7-1926	.50	25	J. C. BRUCE	
103	PARNA DITCH	PARNA DITCH	(63-0203	(71	6-1-1878	10-3-1928	11.96	598	CHARLES JURRIES	NEW DIVERSION POINT
			(63-0209	(74	6-1-1880					
			(63-0272	(77A	6-1-1888					
			(63-0274	(77B	6-1-1888					
			(63-0275	(77C	6-1-1888					
			(63-0273	(77D	6-1-1888					
			(63-0204	(125	6-1-1894					
126	LAWRENCE & KENNEDY	MIDDLETON WATER	63-0254	31A	6-1-1866	3-25-1931	2.30	115	WILLIAM MUSSER	
127	BONMAN & SWISHER	BAXTER DITCH	63-0152	20	6-1-1865	8-15-1930	.80	40	WILLIAM BAXTER	
131	EUREKA NO. 2	LOWER CENTER POINT	63-0223	89	11-9-1883	1-16-1932	.70	35	R. E. MCGUIRE	
140	BALLENTYNE	NEW DRY CREEK	63-0260	85D	5-1-1883	4-11-1934	.06	3	CHARLES H. SCHMELZER	
141	FISCHER POWER	FISCHER POWER	63-2093		12-18-1934		200.00	10000	FISCHER POWER ONLY	BELOW FAIRVIEW BRIDGE
147	MIDDLETON HILL	CANYON COUNTY	63-0168	35	6-1-1867	1-8-1936	.20	10	CORA M. CLIFTON	
148	PIONEER DIXIE	UPPER CENTER POINT	63-0233	96	10-1-1887	4-17-1936	3.00	150	DORA GREER	
151	NEW DRY CREEK	BALLENTYNE	63-0258	124A	5-1-1893	2-18-1937	+135	6.75	J. H. COME	
152	BAHLER DITCH	RIDENBAUGH	63-0279	47A	4-1-1870	5-15-1937	.80	40	ADOLPH BAHLER	
153	REIN-KOON-BAHLER	RIDENBAUGH	63-0249	127	5-1-1893	5-15-1937	.80	40	ADOLPH BAHLER	
154	BAHLER DITCH	RIDENBAUGH	63-0278	8A	4-1-1865	5-15-1937	.80	40	ADOLPH BAHLER	
159	UPPER CENTER POINT	EUREKA NO. 2	63-0156	24	6-1-1865	5-27-1939	.10	5	RAYMOND T. BRESHEARS	
161	BALLENTYNE	NEW DRY CREEK	63-0239	103	6-1-1888	5-5-1940	.65	32.5	SIDMAN I. BARBER	
166	EUREKA NO. 2	PIONEER DIXIE	63-0233	96	10-1-1888	4-21-1941	.60	30	D. W. BALDWIN	
171	EUREKA NO. 2	EUREKA NO. 2	(63-0223	(89	11-9-1883	2-26-1943	21.70	1085	RAYMOND T. BRESHEARS	NEW DIVERSION POINT
			(63-0233	(96	10-1-1887		29.50	1475		
			(63-0156	(24	6-1-1865		1.30	65		

TRANSFERS OF DECREEED RIGHTS ON BOISE RIVER

NO. OF TRANSFER	POINT OF DIVERSION		DEPT. OF WATER ADMINISTRATION	PRIORITY NO.	DATE OF TRANSFER	QUANTITY IN CFS.	QUANTITY IN INCHES	BY WHOM TRANSFERRED	REMARKS
	FROM	TO							
38	AMERICAN DITCH ASSN.	CANYON DITCH	63-0233	96	10-1-1887	12.10	605	WM. M. MESSLER	
46	BARBER LUMBER CO.	PENITENTIARY	63-0184	50	6-1-1870	2.24	112	BARBER LUMBER CO.	
105	STERNBERG	CANYON DITCH	63-0138	9	6-1-1865	.50	25	H. E. MEEK	
111	EMERSON NO. 2	HILLCREST	(63-0233)	(96)	10-1-1887	1.20	60	H. L. RANDALL ET AL	
	PIONEER DITCH	"	(63-0136)	(8)	9-1-1864	20.34	(1017)		
	"	"	(63-0137)	(45)	6-1-1869				
136	JACOBS	FARMERS UNION	63-0123	2	6-1-1864	20.00	1000	BOISE FRUIT TRACT CO.	LICENSED RIGHT INDIAN CREEK
219	PIONEER IRRIGATION DIST.	PIONEER IRRIGATION DIST.	(63-0124)	(3)	6-1-1864	8.64	432	PIONEER IRRIGATION DISTRICT	
300	MIDDLETON HILL	NEW DRY CREEK	(63-0125)	(54)	6-1-1871	.35	17.5	EMMA M. FOWLER	
	"	"	(63-0126)	(120)	6-1-1891				
301	MIDDLETON HILL	NEW DRY CREEK	(63-0124)	(3)	6-1-1864	1.54	77	JOHN F. GROOME	
	"	"	(63-0125)	(54)	6-1-1871	.14	7	C. E. WHITE	
347	MIDDLETON HILL	SETTLERS	63-0124	3	6-1-1864	.14	7	FRANK WEADEL	
349	MIDDLETON HILL	SETTLERS	63-0124	3	6-1-1864	.14	7	CARL A. GISH	
350	MIDDLETON HILL	SETTLERS	63-0124	3	6-1-1864	.14	7	MELLIE B. WHITAKER	
357	MIDDLETON WATER	SETTLERS	63-0198	65	6-1-1877	.20	10	HENRY W. BARTLETT	
370	BOISE CITY	FARMERS UNION	63-0165	33	6-1-1866	1.125	56.2	L. A. RICE	
373	BOISE CITY	FARMERS UNION	63-0165	33	6-1-1866	.275	18.7	M. D. PARKS	
374	MIDDLETON WATER	FARMERS UNION	63-0198	65	6-1-1877	.40	20	A. G. KING	
375	MIDDLETON WATER	FARMERS UNION	63-0198	65	6-1-1877	.20	10	MARY F. LEACH	
384	MIDDLETON WATER	FARMERS UNION	63-0198	65	6-1-1877	.40	20	H. E. MCCONNELL	
385	MIDDLETON WATER	FARMERS UNION	63-0198	65	6-1-1877	.266	13.3	H. M. BARTLETT	
386	MIDDLETON WATER	FARMERS UNION	63-0198	65	6-1-1877	.40	20	E. E. SMITH	
387	MIDDLETON WATER	FARMERS UNION	63-0198	65	6-1-1877	.40	20	RUSH CHASE	
391	MIDDLETON HILL	FARMERS UNION	(63-0124)	(3)	6-1-1864	.15	7.5		
392	MIDDLETON WATER	RIDENBAUGH	(63-0125)	(54)	6-1-1871	.40	20	FRED EBERS	
393	MIDDLETON HILL	FARMERS UNION	(63-0124)	(3)	6-1-1864	.288	14.4	A. C. BOWERMAN	
	"	"	(63-0125)	(54)	6-1-1871				
395	MIDDLETON WATER	FARMERS UNION	63-0198	120	6-1-1871				
412	THURMAN HILL	SETTLERS	63-0214	81	6-1-1882	.50	25	G. R. MCGUIRE	
430	FARMERS UNION	NEW YORK	63-0198	65	6-1-1877	.40	20	CHAS. P. MACE	
466	RIDENBAUGH	NEW YORK	63-0200	106	8-20-1808	.25	12.5	O. E. ALLISON	
512	JACOBS CANAL	FARMERS UNION	63-0120	1	6-1-1864	8.90	445	M. H. TULLER	
513	JACOBS CANAL	FARMERS UNION	63-0120	1	6-1-1864	1.00	50	M. SCOTT ANDERSON	
530	JACOBS CANAL	FARMERS UNION	63-0120	1	6-1-1864	.50	25	FARMERS UNION DITCH	FORMERLY MIDDLETON WATER
555	JACOBS CANAL	NAPA, MEXICAN	63-0120	1	6-1-1864	.30	15	A. B. WHITNEY	
	"	SETTLERS	(63-0120)	(1)	6-1-1864	.70	(10)	BOISE TRUST CO.	SOMEONE'S FALK
608	RIVERSIDE	PIONEER DITCH	63-0222	88	6-1-1883	1.00	50	M. F. TRACY	
644	RIVERSIDE	PIONEER DITCH	63-0222	88	6-1-1883	1.00	50	S. E. SMITH	
654	CONSUMERS	SETTLERS	63-0161	30	6-1-1866	2.00	100	M. M. HOWELL	
660	RIVERSIDE	PIONEER DITCH	63-0222	88	6-1-1883	.60	30	D. M. BALDWIN	
694	CONSUMERS	SETTLERS	63-0161	30	6-1-1866	.68	34	M. M. HOWELL	LARSON-HAMMILL-BUDGE TRACTS
701	CONSUMERS	NEW YORK	63-0161	30	6-1-1866	2.00	100	M. M. HOWELL	
702	CONSUMERS	SETTLERS	63-0161	30	6-1-1866	.60	30	M. M. HOWELL	EARL-FEMMES-STARR-KYLE
712	CONSUMERS	NEW DRY CREEK	63-0161	30	6-1-1866	.90	45	M. M. HOWELL	REX JENSEN (BOISE-DUNA IRRIG.)
713	CONSUMERS	FARMERS CO-OP.	63-0161	30	6-1-1866	.54	27	M. M. HOWELL	MRS. EDITH CURTIS
717	STERNBERG	SETTLERS	63-0138	9	6-1-1865	.64	32	M. M. HOWELL	SIMPSON-DEMONO-SIMPSON
740	CONSUMERS	SETTLERS	63-0161	30	6-1-1866	1.34	67	R. M. TUCKER	J. S. BEEBE
	"	"	(63-0161)	(30)	6-1-1866				

TRANSFERS OF DECREE RIGHTS ON BOISE RIVER

NO. OF TRANSFER	POINT OF DIVERSION FROM	TO	DEPT. OF WATER ADMINISTRATION	PRIORITY NO.	DATE	DATE OF TRANSFER	QUANTITY IN CFS.	QUANTITY IN INCHES	BY WHOM TRANSFERRED	REMARKS
736	THURMAN HILL	SETTLERS	63-0170	37	6-1-1866	3-9-1949	1.00	50	AIRCRAFT SERVICE CO.	
737	CONSUMERS	SETTLERS	63-0161	30	5-1-1866	3-9-1949	1.10	55	M. W. HOWELL	
739	CONSUMERS	SETTLERS	63-0161	30	5-1-1866	4-2-1949	.15	7.5	M. W. HOWELL	
753	CONSUMERS	SETTLERS	63-0161	30	5-1-1866	4-14-1950	.46	23	J. R. FIELD	B ¹ HAGER TRACT, 15 th KIMBLE TRACT
754	CONSUMERS	HIGHLAND HILL	63-0161	30	5-1-1866	4-14-1950	.40	20	J. R. FIELD	BRINK TRACT
780	HILLCREST	NEW YORK	(63-0136	(8	9-1-1864	3-28-1952	21.54	1077	FOREST SOWER	
			(63-0137	(45	6-1-1869					
			(63-0235	(96	10-1-1887					
873	CONSUMERS	NEW YORK	63-0161	30	5-1-1866	7-13-1934	6.00	300	G. S. TAYLOR	BOISE-RUNA IRRIGATION DIST.
879	CONSUMERS	SETTLERS	63-0161	30	5-1-1866	9-3-1934	.48	24	G. S. TAYLOR	10 th -GOLDEN KENT, 14 th -EDWARD BUGHLE
872	CONSUMERS	THURMAN HILL	63-0169	36	6-1-1868	10-2-1936	.288	14.4	J. FRANK BRUCE	
873	CONSUMERS	THURMAN HILL	63-0169	36	6-1-1868	10-2-1936	.22	11	GEORGE D. KEYSER, JR.	
890	CONSUMERS	SETTLERS	63-0161	30	5-1-1866	10-2-1936	.20	10	G. S. TAYLOR	
908	CONSUMERS	SETTLERS	63-0161	30	5-1-1866	7-11-1937	.10	5	FRANCIS H. MITZEL	THEODORE L. JOHNSON TRACT
917	CONSUMERS	SETTLERS	63-0161	30	5-1-1866	4-3-1938	.10	5	FRANK MITZEL	R. S. POTTER TRACT
918	CONSUMERS	SETTLERS	63-0161	30	5-1-1866	12-15-1938	.20	10	FRANCIS H. MITZEL	R. M. WHITE TRACT
940	CONSUMERS	NEW YORK	63-0161	30	5-1-1866	12-15-1938	.05	2.5	FRANCIS H. MITZEL	MAN-SPRAGUE TRACT
976	CONSUMERS	NEW YORK	63-0161	30	5-1-1866	2-15-1960	1.50	75	FRANK MITZEL	H. P. IRBY TRACT
977	CONSUMERS	SETTLERS	63-0161	30	5-1-1866	1-17-1962	.10	5	G. S. TAYLOR	EARL M. & DELLA LUSHART TRACT
979	CONSUMERS	SETTLERS	63-0161	30	5-1-1866	1-17-1962	.10	5	G. S. TAYLOR	SYMS FRUIT RANCH, INC.
980	CONSUMERS	SETTLERS	63-0161	30	5-1-1866	2-23-1962	.12	6	G. S. TAYLOR	EVERET RAMBO TRACT
985	CONSUMERS	SETTLERS	63-0161	30	5-1-1866	2-23-1962	.12	6	G. S. TAYLOR	R. E. & DAISY M. THOMPSON TRACT
990	CONSUMERS	SETTLERS	63-0161	30	5-1-1866	5-29-1962	.08	4	G. S. TAYLOR	CHESENEY LITTLE TRACT
991	CONSUMERS	SETTLERS	63-0161	30	5-1-1866	7-5-1962	.16	8	G. S. TAYLOR	THELSON E. CHRISTENSEN TRACT
1007	CONSUMERS	SETTLERS	63-0161	30	5-1-1866	4-17-1965	1.00	50	G. S. TAYLOR	LYLE F. THOMP TRACT
1009	CONSUMERS	NEW YORK	63-0280	73-4	4-1-1880	5-16-1965	.10	5	NEW DRY CREEK	CHARLES G. HYDE TRACT
1010	CONSUMERS	NEW YORK	63-0161	30	5-1-1866	6-24-1965	2.00	100	G. S. TAYLOR	ELLEN DRAPER
1011	CONSUMERS	NEW YORK	63-0161	30	5-1-1866	6-2-1965	3.00	150	G. S. TAYLOR	R. B. BETTY
1033	CONSUMERS	NEW YORK	63-0161	30	5-1-1866	9-28-1965	.60	30	G. S. TAYLOR	JOHN DOBSON
1048	CONSUMERS	POWELL	63-0161	30	5-1-1866	9-24-1964	.200	100	G. S. TAYLOR	SUPRISE VALLEY FARMS
1079	CONSUMERS	FARMERS UNION	63-0165	33	5-1-1866	10-28-1964	21.715	1085.75	G. S. TAYLOR	FRANCIS HERMAN TRACT
1079	CONSUMERS	FARMERS UNION	63-0165	33	5-1-1866	5-18-1965	.0875	4.38	G. S. TAYLOR	CARL NICHOLSON
1079	CONSUMERS	FARMERS UNION	63-0165	33	5-1-1866	10-28-1965	.10	5	G. S. TAYLOR	PIIONEER IRRIGATION DIST.
1079	CONSUMERS	FARMERS UNION	63-0165	33	5-1-1866	10-17-1966	2.00	100	G. S. TAYLOR	LEATHERMAN & BINGMAN
1079	CONSUMERS	FARMERS UNION	63-0165	33	5-1-1866	11-17-1973	1.80	90.0	G. S. TAYLOR	M. T. & NATTIE M. SPINRER
1079	CONSUMERS	FARMERS UNION	63-0165	33	5-1-1866	11-17-1973	1.80	90.0	G. S. TAYLOR	AYLOR DROUPE TRACTS
2096	CONSUMERS	NEW YORK	63-0216	116	6-1-1885	8-5-1944	.80	40.0	L.C. MICE	

STEWART DECREE

CHART NO. 24

BOISE RIVER

NUMBER	DATE	NAME	AMOUNT DECREED		DEPT. OF WATER ADMINISTRATION
			SEC. FT.	INCHES	
1	6-1-1864	THOMAS DAVIS			
2	6-1-1864	JACOBS CANAL Co.	2.20	110	63-0120
3	6-1-1864	MIDDLETON MILL DITCH	20.00	1000	63-0123
4	6-1-1864	THOMAS ANDREWS	12.80	640	63-0124
5	6-1-1864	CATLIN & MACE	3.30	165	63-0127
6	6-1-1864	T. C. CATLIN	2.86	143	63-0132
7	6-1-1864	C. C. HAVIRD	3.30	165	63-0134
8	9-1-1864	PIONEER DIXIE DITCH Co.	3.30	165	63-0135
9	6-1-1865	SIEBENBERG DITCH Co.	20.00	1000	63-0136
10	6-1-1865	ALLEN V. WEBSTER	13.42	671	63-0138
11	6-1-1865	J. F. YARYAN	1.20	60	63-0139
12	6-1-1865	GRAHAM & GILBERT	.66	33	63-0141
13	6-1-1865	EUREKA WATER Co.	4.40	220	63-0144
14	6-1-1865	NEW UNION DITCH Co.	33.32	1666	63-0145
15	6-1-1865	BOISE VALLEY IRRIGATION DITCH Co.	13.76	688	63-0146
16	6-1-1865	RIDENBAUGH & ROSSI	54.58	2729	63-0147
17	6-1-1865	RIDENBAUGH & ROSSI (POWER)	9.20	460	63-0148
18	6-1-1865	DENVER & IDAHO LAND Co.	265.80	13290	63-0149
19	6-1-1865	MARTHA BOWMAN	.80	40	63-0150
20	6-1-1865	BIRD BOWMAN	2.88	144	63-0151
21	6-1-1865	G. W. GESS	6.40	320	63-0152
22	6-1-1865	ROBERT MCGUIRE	2.90	145	63-0153
23	6-1-1865	C. W. COOPER	3.20	160	63-0154
24	6-1-1865	J. W. ROLAND	3.20	160	63-0155
25	6-1-1865	DRAPER & WELLS	2.40	120	63-0156
26	6-1-1865	THOMAS J. PALMER	3.94	197	63-0157
27	6-1-1865	NOAH W. PALMER	1.60	80	63-0158
28	6-1-1865	J. N. TUCKER	1.58	79	63-0159
29	6-1-1865	THOMAS ANDREWS	7.00	350	63-0160
30	6-1-1865	THOMAS ANDREWS	6.00	300	63-0128
31	5-1-1866	J. PERRAULT & R. JOHNSON	50.00	2500	63-0161
32	6-1-1866	WILLIAM P. KENNEDY	2.60	130	63-0163
33	6-1-1866	MANVILLE & LEONARD	3.50	175	63-0164
34	6-1-1866	BOISE CITY CANAL Co.	38.06	1903	63-0165
35	7-3-1866	FRANKLIN DITCH Co.	15.40	770	63-0166
36	6-1-1867	CANYON COUNTY WATER Co.	75.80	3790	63-0168
37	6-1-1868	MARTHA E. MCCARTY	14.10	705	63-0169
38	6-1-1868	H. D. & DORA GOODMAN	3.70	185	63-0170
39	6-1-1868	T. T. JOHNSON	3.20	160	63-0171
40	6-1-1868	ROSS, ALLEN, DILLEY & ROSS	8.54	427	63-0172
41	6-1-1868	S. S. GRAY	1.40	70	63-0173
42	6-1-1869	JOHN MAMMON	1.80	90	63-0174
43	6-1-1869	ISAAC BEDAL	1.60	80	63-0176
44	6-1-1869	FREDERICK ODE	3.60	180	63-0177
45	6-1-1869	PRIOR BURNETT	8.50	425	63-0178
46	6-1-1869	PIONEER DIXIE DITCH Co.	35.44	1772	63-0137

STEWART DECREE

CHART NO. 24

BOISE RIVER

NUMBER	DATE	NAME	AMOUNT DECREED		DEPT. OF WATER ADMINISTRATION
			SEC. FT.	INCHES	
46	6-1-1869	MASON CREEK DITCH CO.			
47	6-1-1869	T. W. BOONE	37.20	1860	63-0179
48	6-1-1870	W. J. HAMMING	3.50	175	63-0180
49	6-1-1870	PIONEER CANAL	2.60	130	63-0182
50	6-1-1870	BARBER LUMBER CO.	25.72	1286	63-0183
51	6-1-1870	THOMAS ANDREWS	2.24	112	63-0184
52	6-1-1871	CATLIN & MACE	1.30	65	63-0129
53	6-1-1871	PETER MEEVES	7.86	393	63-0133
54	6-1-1871	MIDDLETON MILL DITCH CO.	1.80	90	63-0185
55	6-1-1872	J. F. YARYAN	33.70	1685	63-0125
56	6-1-1872	J. F. YARYAN	.70	35	63-0142
57	6-1-1872	MARY C. DAVIS	1.40	70	63-0143
58	6-1-1872	EDWARD N. HART	4.40	220	63-0186
59	6-1-1874	T. W. BOONE	3.30	165	63-0187
60	6-1-1875	FARMERS COOPERATIVE DITCH CO.	2.20	110	63-0181
61	6-1-1876	EDWARD & MARY CLARK	10.00	500	63-0188
62	6-1-1876	JOHN CECIL	2.30	115	63-0192
63	6-1-1876	THOMAS AIKENS	.44	22	63-0193
64	6-1-1877	W. H. CONWAY	5.20	260	63-0194
65	6-1-1877	MIDDLETON WATER CO.	.90	45	63-0196
66	6-1-1877	PERRAULT & JOHNSON (POWER)	114.08	5704	63-0198
67	7-1-1877	PERRAULT & JOHNSON (POWER)	200.00	10000	63-0162
68	5-1-1878	NAMPA MERIDIAN IRRIGATION DISTRICT	170.00	8500	63-0199
69	6-1-1878	JOHN MAMMON	4.20	210	63-0175
70	6-1-1878	JULIA MAMMON	3.36	168	63-0201
71	6-1-1878	CHARLES ALLEN	8.80	440	63-0202
72	6-1-1878	R. H. STOCKTON	4.40	220	63-0203
73	6-1-1879	NEW DRY CREEK DITCH CO.	4.40	220	63-0203
74	6-1-1879	D. MUMFORD	31.32	1566	63-0205
75	6-1-1879	SMITH STOCKTON	4.00	200	63-0208
76	6-1-1880	ISHAM JOPLIN	1.76	88	63-0209
77	7-1-1880	JOSEPH GOBLE	2.40	120	63-0210
78	10-20-1880	JOSEPH GOBLE	.90	45	63-0211
79	10-29-1880	FRANKLIN DITCH CO.	27.60	1380	63-0167
80	6-1-1882	ALLEN V. WEBSTER	.90	45	63-0140
81	6-1-1882	SUSIE CAMPBELL	.60	30	63-0212
82	6-1-1882	J. T. BARBER	1.60	80	63-0213
83	6-1-1882	SONORA JOPLIN	3.40	170	63-0214
84	6-1-1882	S. W. HUTCHINSON	.44	22	63-0217
85	6-1-1882	JOHNSON	.44	22	63-0218
86	6-1-1882	ANDREW J. JOPLIN	2.86	143	63-0219
87	6-1-1882	JAMES L. GRAHAM	2.20	110	63-0220
88	6-1-1883	FARMERS COOPERATIVE DITCH CO.	20.00	1000	63-0189
89	6-1-1883	FRANCIS M. JOPLIN	.90	45	63-0221
90	6-1-1883	W. A. BLACK	12.00	600	63-0222
91	11-9-1883	EUREKA DITCH CO. No. 2	21.70	1085	63-0223
92	6-1-1884	PIONEER IRRIGATION DISTRICT	53.10	2655	63-0371

STEWART DECREE

CHART NO. 24

BOISE RIVER

NUMBER	DATE	NAME	AMOUNT DECREED		DEPT. OF WATER ADMINISTRATION
			SEC. FT.	INCHES	
91	6-1-1884	RIVERSIDE IRRIGATION DISTRICT	20.00	1000	63-0226
92	10-17-1884	SETTLERS CANAL CO.	99.06	4953	63-0230
93	6-1-1886	NEW DRY CREEK DITCH	15.22	761	63-0206
94	6-1-1886	THOMAS DAVIS	13.40	670	63-0121
95	1-23-1887	WM. C., L. & E. YOUNG	4.00	200	63-0232
96	10-1-1887	AMERICAN DITCH ASSOCIATION	47.80	2390	63-0233
97	6-1-1888	NEW DRY CREEK DITCH CO.	7.86	393	63-0207
98	6-1-1888	A. V. LINDER	4.00	200	63-0234
99	6-1-1888	LEVI SMITH	1.30	65	63-0235
100	6-1-1888	CHARLOTTE CALHOUN	1.40	70	63-0236
101	6-1-1888	ED. J. LINDER	1.46	73	63-0237
102	6-1-1888	LIZZIE EVERETT	1.20	60	63-0238
103	6-1-1888	JESSE WILSON	1.40	70	63-0239
104	6-1-1888	THOMAS ANDREWS	.90	45	63-0130
105	7-1-1888	FARMERS COOPERATIVE DITCH CO.	50.00	2500	63-0190
106	8-20-1888	NAMPA MERIDIAN IRRIGATION DISTRICT	370.84	18542	63-0200
107	5-1-1889	CHARLES H. MILLER	.06	3	63-0240
108	5-1-1889	LOOMIS L. HOSLEY	.02	1	63-0241
109	5-1-1889	S. J. UTTER & C. B. TAYLOR	2.40	120	63-0242
110	5-1-1889	SOUTH BOISE MUTUAL IRRIGATION CO.	6.00	300	63-0243
111	5-1-1889	ESTATE OF J. H. GALLAGHER	2.94	147	63-0244
112	5-1-1889	ANNIE H. FOGARTY	.05	2.5	63-0245
113	5-1-1889	GRACE CALL	.10	5	63-0246
114	5-1-1889	SAMUEL H. CANFIELD	.03	1.5	63-0247
115	6-1-1889	SONORA JOPLIN	.06	3	63-0215
116	6-1-1889	SONORA JOPLIN	1.20	60	63-0216
117	9-1-1890	PIONEER IRRIGATION DISTRICT	200.00	10000	63-0224
118	6-1-1891	W. H. CONWAY	2.20	110	63-0197
119	6-1-1891	THOMAS DAVIS	.54	27	63-0122
120	6-1-1891	MIDDLETON MILL DITCH CO.	17.00	850	63-0126
121	6-1-1891	THOMAS ANDREWS	3.50	175	63-0131
122	6-1-1891	SETTLERS CANAL CO.	73.44	3672	63-0231
123	6-1-1891	THOMAS AIKEN	.80	40	63-0195
124	5-1-1893	RIVERSIDE IRRIGATION DISTRICT	80.00	4000	63-0227
125	6-1-1894	R. H. STOCKTON	1.76	88	63-0204
126	7-2-1894	FARMERS UNION DITCH CO.	110.00	5500	63-0248
127	5-1-1895	CHARLES REIN & JANE KEOM	1.00	50	63-0249
128	7-1-1895	MATHEW CASEY	.66	33	63-0250
129	7-1-1896	FARMERS COOPERATIVE DITCH CO.	83.50	4175	63-0191
130	10-1-1899	RIVERSIDE IRRIGATION DISTRICT	20.00	1000	63-0228
131	3-23-1900	NEW YORK CANAL CO.	219.10	10955	63-0251
132	5-17-1900	CANYON DITCH CO.	10.00	500	63-0369
133	6-1-1901	RIVERSIDE IRRIGATION DISTRICT	70.00	3500	63-0229
134	10-25-1901	CANYON DITCH CO.	5.54	277	63-0252
135	4-1-1904	PIONEER IRRIGATION DISTRICT	56.34	2817	63-0225

STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

CHART NO. 25

NAME OF CANAL	CHANGE IN P. OF D.	TRANSFER	PRIORITY NO.	DATE	AMOUNT DECREED			TOTAL SEC. FT.
					STEWART DECREE	INTERVENORS STEWART DECREE	BRYAN DECREE	
AIKEN			63	6-1-1877	5.20			
			73-A	4-1-1880	.10			260
							5	5.30
ANDREWS DITCH			4	6-1-1864	3.30			165
			29	6-1-1865	6.00			300
			44	6-1-1869	8.50			425
			51	6-1-1870	1.30			65
			104	6-1-1888	.90			45
			121	6-1-1891	3.50			175
								23.50
BALLENTYNE			98	6-1-1888	4.00			200
			99	6-1-1888	1.30			65
			100	6-1-1888	1.40			70
			101	6-1-1888	1.46			73
			102	6-1-1888	1.20			60
			103	6-1-1888	1.40			70
			123	6-1-1891	.80			40
			66-A	4-1-1878		.80		40
			66-C	4-1-1878		1.40		70
			66-D	4-1-1878		.80		40
			85-D	5-1-1883		.8256		41.28
			136	5-1-1906		.392		19.6
		57		65	6-1-1877	.60		30
		64*		102	6-1-1888	.20*		10*
		140*		85-D	5-1-1883		.07*	3.5*
		151		124-A	5-1-1893		.135	6.75
		161*		103	6-1-1888	.65*		32.5*
	174*		103	6-1-1888	.24*		12*	
								15.3526
BAXTER			73-B	1860		3.20		150
	127		20	6-1-1865	.80			40
								4.00
BOISE CITY			33	6-1-1866	38.06			1903
			370*	6-1-1866	1.124*			56.2*
			373*	6-1-1866	.374*			18.7*
			1048*	6-1-1866	.0875*			4.375*
			1059*	6-1-1866	.10*			5*
								36.3745

*SUBTRACT

STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

CHART NO. 25

NAME OF CANAL	CHANGE IN P. OF D.	TRANSFER	PRIORITY NO.	DATE	AMOUNT DECREE			TOTAL SEC. FT.	
					STEWART DECREE	INTERVENORS STEWART DECREE	BRYAN DECREE		
BOISE VALLEY LICENSED RIGHT #15242		243	15	6-1-1865	54.58				
				7-19-1921			(1.20)	2729 60	55.78
BOONE DITCH			28	6-1-1865	7.00			350	
			47	6-1-1869	3.50			175	
			59	6-1-1874	2.20			110	12.70
BOWMAN & SWISHER	50		19	6-1-1865	2.88			144	
	51		20	6-1-1865	6.40			320	
	127*		20	6-1-1865	.80*			40*	
	224		89	11-9-1883	.20			45	
			96	10-1-1887	.70			9.38	
BUBB (SOUTH BOISE MUTUAL)			107	5-1-1889	.06			3	
			108	5-1-1889	.02			1	
			109	5-1-1889	2.40			120	
			110	5-1-1889	6.00			300	
			111	5-1-1889	2.94			147	
			112	5-1-1889	.05			2.5	
			113	5-1-1889	.10			5	
			114	5-1-1889	.03			1.5	
			8-B	4-1-1865		1.80		90	
			8-D	4-1-1865		.50		25	
			50-A	1870		1.00		50	
			106-A	3-1-1889		.84		42	
				4-1-1905			5.40	270	21.14

*SUBTRACT

STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

CHART NO. 25

NAME OF CANAL	CHANGE IN P. OF D.	TRANSFER NO.	PRIORITY NO.	DATE	AMOUNT DECREED			TOTAL INCHES	TOTAL SEC. FT.
					STEWART DECREE	INTERVENORS STEWART DECREE	BRYAN DECREE		
CALDWELL HIGH LINE			34	6-1-1866	15.40			770	
			46	6-1-1869	37.20			1860	
			77	10-29-1880	27.60			1380	
		29*	46	6-1-1869	1.00*			50*	79.20
CAMPBELL (CANYON DITCH CO.)			132	5-17-1900	10.00			500	
			134	10-25-1901	5.54			277	
			38 96	10-1-1887	12.10			605	
			105 9	6-1-1865	.50			25	28.14
CANYON COUNTY			35	6-1-1867	75.80			3790	
			35-A	6-1-1867		1.76		88	
		29	46	6-1-1869	1.00			50	
		36*	35	6-1-1867	.38*			19*	
		54*	35	6-1-1867	1.11*			55.5*	
		59	31	6-1-1866	2.60			130	
		75	35	6-1-1867	.50			25	
		147	35	6-1-1867	.20			10	80.37
CONWAY & HAMMING			48	6-1-1870	2.60			130	
			64	6-1-1877	.90			45	
			118	6-1-1891	2.20			110	5.70
DAVIS (LITTLE DAVIS)			94	6-1-1886	13.40			670	
			119	6-1-1891	.54			27	13.94
EUREKA NO. 1			13	6-1-1865	33.32			1666	33.32

*SUBTRACT

STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

CHART NO. 25

NAME OF CANAL	CHANGE IN P. OF D.	TRANSFER NO.	PRIORITY DATE	AMOUNT DECREED			TOTAL SEC. FT.
				STEWART DECREE	INTERVENORS STEWART DECREE	BRYAN DECREE	
EUREKA No. 2							
	47		89 11-9-1883	21.70			1085
	62		96 10-1-1887	29.50			1475
	71		96 10-1-1887	1.00			50
	85		24 6-1-1865	.80			40
			24 6-1-1865	.50			25
		111*	96 10-1-1887	1.20*			60*
	131*		89 11-9-1883	.70*			35*
	159		24 6-1-1865	.10			5
	175		88 6-1-1883	1.70			85
	224*		89 11-9-1883	.20*			10*
			96 10-1-1887	.70*			35*
	225*		89 11-9-1883	.60*			30*
	287*		89 11-9-1883	1.40*			70*
	289*		89 11-9-1883	.50*			25*
							50.00
FARMERS UNION							
			126 7-2-1894	110.00			5500
			136 2 6-1-1864	20.00			1000
			370 33 6-1-1866	1.124			56.2
			373 33 6-1-1866	.374			18.7
			374 65 6-1-1877	.40			20
			375 65 6-1-1877	.20			10
			384 65 6-1-1877	.40			20
			385 65 6-1-1877	.266			13.3
			386 65 6-1-1877	.40			20
			387 65 6-1-1877	.40			20
			391 3) 6-1-1864				
			54) 6-1-1871	.15			7.5
			393 3) 6-1-1864				
			54) 6-1-1871	.288			14.4
			120) 6-1-1891				
			395 65 6-1-1877	.50			25
			430* 65 6-1-1877	.25*			12.5*
			84 65 6-1-1877	.80			40
			512 1 6-1-1864	1.00			50
			513 1 6-1-1864	.50			25
			530 1 6-1-1864	.30			15
			7-2-1894		54.46		2723
			1048 33 6-1-1866	.0875			4.375
			1059 33 6-1-1866	.10			5
			1855 32 6-1-1866	1.80			90
							193.2995
GRAHAM & GILBERT			12 6-1-1865	4.40			220
							4.40

*SUBTRACT

STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

CHART NO. 25

NAME OF CANAL	CHANGE IN P. OF D.	TRANSFER	PRIORITY		AMOUNT DECREED					
			NO.	DATE	STEWART DECREE	INTERVENORS		TOTAL SEC. FT.		
					STEWART DECREE	BRYAN DECREE	INCHES			
HAAS DITCH	176		39	6-1-1868	8.54			427		
			70	6-1-1878	8.80			440	17.34	
HART & DAVIS			6	6-1-1864	3.30			165		
			57	6-1-1872	4.40			220		
			58	6-1-1872	3.30			165		
			57	6-1-1872	.54*			27*		
			58	6-1-1872	.50*			25*	9.96	
ISLAND HIGH LINE			71-A	4-1-1879		3.00		150		
			137-A	4-1-1910		7.00		350		
			139	4-1-1915		10.00		500	20.00	
LEMP DITCH			8-C	1865		6.00		300	6.00	
LITTLE PIONEER	1575		49	6-1-1870	25.72			1286		
			31-C	6-1-1866		1.10		55	26.82	
LOWER CENTER POINT			19	6-1-1865	2.89			144		
			20	6-1-1865	6.40			320		
			21	6-1-1865	2.90			145		
			22	6-1-1865	3.20			160		
			38	6-1-1868	3.20			160		
			43	6-1-1869	3.60			180		
			73	6-1-1879	4.00			200		
			50*	19	6-1-1865	2.88*			144*	
			51*	20	6-1-1865	6.40*			320*	
			131	89	11-9-1883	.70			35	
			245	89	11-9-1883	.60			30	
287	89	11-9-1883	1.40			70	19.60			

*SUBTRACT

STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

CHART NO. 25

NAME OF CANAL	CHANGE P. OF D.	TRANSFER	PRIORITY		AMOUNT DECREED			TOTAL SEC. FT.		
			NO.	DATE	STEWART DECREE	STEWART DECREE	BRYAN DECREE		INCHES	
MACE CATLIN	179*		5	6-1-1864	2.86			143	10.92	
			52	6-1-1871	7.86			393		
			51	6-1-1864	.168*			8.4		
			52)	6-1-1871	.072*			3.6		
			138	6-14-1912		.44		22		
MACE & MACE		2996	137	5-1-1909		1.76		88	2.56	
			116	6-1-1889		.80		40		
HAMMON	176*		41	6-1-1869	1.80			90	9.36	
			68	6-1-1878	4.20			210		
			69	5-1-1878	3.36			168		
			70	6-1-1878	8.80			440		
			70	6-1-1878	8.80*			440*		
MIDDLETON MILL	54 75* 147*		3	6-1-1864	12.80			640	64.562	
			40	6-1-1868	1.40			70		
			54	6-1-1871	33.70			1685		
			120	6-1-1891	17.00			850		
			35	6-1-1867	1.11			55.5		
			35	6-1-1867	.50*			25*		
			35	6-1-1867	.20*			10*		
			300*	3)	6-1-1864					
				54)	6-1-1871	.35*				17.5*
				120)	6-1-1891					
			301*	3)	6-1-1864					
				54)	6-1-1871	1.54*				77*
				120)	6-1-1891					
			347*	3	6-1-1864	.14*				7*
			349*	3	6-1-1864	.14*				7*
			350*	3	6-1-1864	.14*				7*
			391*	3)	6-1-1864					
				54)	6-1-1871	.15*				7.5*
			393*	3)	6-1-1864					
	54)	6-1-1871	.288*			14.4*				
	120)	6-1-1891								
754	30	5-1-1866	.40			20				
	123-A	5-15-1893		1.60		80				

*SUBTRACT

STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

CHART NO. 25

NAME OF CANAL	CHANGE IN P. OF D.	TRANSFER	PRIORITY		AMOUNT DECREED			TOTAL SEC. FT.
			NO.	DATE	STEWART DECREE	INTERVENORS STEWART DECREE	BRYAN DECREE	
MIDDLETON IRRIGATION								
	36		65	6-1-1877	114.08			5704
	57*		35	6-1-1867	.38			19
	61		65	6-1-1877	.50*			30*
	84*		31-B	6-1-1866		.60		30
	126		65	6-1-1877	.80*			40*
			31-A	6-1-1866		2.30		115
		357*	65	6-1-1877	.20*			10
		374*	65	6-1-1877	.40*			20*
		375*	65	6-1-1877	.20*			10*
		384*	65	6-1-1877	.40*			20*
		385*	65	6-1-1877	.266*			13.3*
		386*	65	6-1-1877	.40*			20*
		387*	65	6-1-1877	.40*			20*
		392*	65	6-1-1877	.40*			20*
		395*	65	6-1-1877	.50*			25*
								112.794
MISCELLANEOUS								
R. B. BETTY		1009	73-A	4-1-1880		.10		5
CRAWFORTH PUMP	227		114-A	5-1-1889		1.60		80
BOISE RIVER			80	6-1-1882	1.60			80
DRAINAGE DISTRICT #4 (MARSTERS DITCH)	2/2 83*		85-A	6-1-1882		1.76		88
			85-A	6-1-1882		.72*		36*
MANVILLE-LEONARD			32	6-1-1866	3.50			175
		1855*	32	6-1-1866	1.80*			90*
MCCURRY PUMP (LICENSED RIGHT #33487)				2-22-1967	(.56)			28
MEEVES			53	6-1-1871	1.80			90
SURPRISE VALLEY FARMS		1011	90	5-1-1866	3.00			150

*SUBTRACT

STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

CHAPT NO. 25

NAME OF CANAL	CHANGE IN P. OF D.	TRANSFER	NO.	PRIORITY DATE	AMOUNT DECREED			TOTAL SEC. FT.		
					STEWART DECREE	INTERVENORS STEWART DECREE	BRYAN DECREE		INCHES	
NEW YORK			131	3-23-1900	219.10			10955		
				3-23-1900			58.86	2943		
				12-14-1903			1354.58	67729		
				6-16-1909			926.50	46325		
			(790-111)	8	9-1-1864	20.00			1000	
				45	6-1-1869	.34			17	
			(790-111)	96	10-1-1887	1.20			60	
			466	106	8-20-1888	8.90			445	
			701	30	5-1-1866	2.00			100	
			823	30	5-1-1866	6.00			300	
			976	30	5-1-1866	1.50			75	
			1007	30	5-1-1866	1.00			50	
			1010	30	5-1-1866	2.00			100	
			1017	30	5-1-1866	.60			30	
		1074	30	5-1-1866	2.00			100	2604.58	
PARMA DITCH			71	6-1-1878	4.40			220		
			74	6-1-1880	1.76			88		
			125	6-1-1894	1.76			88		
			77-A	6-1-1881		1.60		80		
			77-B	6-1-1881		.34		17		
			77-C	6-1-1881		.80		40		
			77-D	6-1-1881		1.30		65		
		257	114-B	5-1-1889		.80		40	12.76	
PENITENTIARY	46		50	6-1-1870	2.24			112	2.24	
PHYLISS			90	6-1-1884	53.10			2655		
			117	9-1-1890	200.00			10000		
			135	4-1-1904	56.34			2817		
				4-1-1905			306.56	15328		
				4-1-1908			54.50	2725		
		1038	30	5-1-1866	21.715		1086	692.215		

*SUBTRACT

STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

CHART NO. 25

NAME OF CANAL	CHANGE IN P. OF D.	TRANSFER	PRIORITY NO.	DATE	AMOUNT DECREED			TOTAL INCHES	TOTAL SEC. FT.	
					STEWART DECREE	STEWART DECREE	BRYAN DECREE			
PIONEER DIXIE			8	9-1-1864	20.00			1000		
			45	6-1-1869	35.44			1772		
		36-A	96	10-1-1887	2.00			100		
		48	96	10-1-1887	4.20			210		
		62*	96	10-1-1887	1.00*			50*		
		(790-111*)	8	9-1-1864	20.00*			1000*		
			45	6-1-1869	.34*			17*		
			608	88	6-1-1883	1.00		50		
			644	88	6-1-1883	.70		35		
			660	88	6-1-1883	.60		30		
		35*	45	6-1-1869	2.00*			100*		
		148*	96	10-1-1887	3.00*			150*		
				7-3-1914			20.90	1045	58.50	
	RIDENBAUGH (NAMPA & MERIDIAN)			67	5-1-1878	170.00			8500	
				106	8-20-1888	370.84			18542	
		392	65	6-1-1877	.40			20		
		152	47-A	4-1-1870		.80		40		
		153	127	5-1-1895	1.00			50		
		154	8-A	4-1-1865		.80		40		
			466*	106	8-20-1888	8.90*		44.9*		
			595	1	6-1-1864	.20		10		
			1711*	67	5-1-1878	.40*		20*	534.74	
RIVERSIDE				88	6-1-1883	12.00			600	
			91	6-1-1884	20.00			1000		
			95	1-23-1887	4.00			200		
			124	5-1-1893	80.00			4000		
			130	10-1-1899	20.00			1000		
			133	6-1-1901	70.00			3500		
			77-E	4-15-1882		3.674		183.7		
			116-A	6-1-1890		.72		36		
			116-B	6-1-1890		.10		5		
			116-C	6-1-1890		.40		20		
				4-1-1910			63.78	3189		
				4-1-1914			17.70	885		
			608*	88	6-1-1883	1.00*		50*		
			644*	88	6-1-1883	.70*		35*		
			660*	88	6-1-1883	.60*		30*		
	35	45	6-1-1869	2.00			100			
	175*	88	6-1-1883	1.70*			85*	290.374		
ROEDEL DITCH			54-A	5-1-1875		3.20		160	3.20	

*SUBTRACT

STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

CHART NO. 25

NAME OF CANAL	CHANGE IN P. OF D.	TRANSFER NO.	PRIORITY DATE	AMOUNT DECREED			TOTAL INCHES	TOTAL SEC. FT.
				STEWART DECREE	INTERVENORS STEWART DECREE	BRYAN DECREE		
ROSSI MILL		16	6-1-1865	9.20			460	
		18	6-1-1865	.80			40	10.00
SEBREE (FARMERS CO-OP)		60	6-1-1875	10.00			500	
		86	6-1-1883	20.00			1000	
		105	7-1-1888	50.00			2500	
		129	7-1-1896	83.50			4175	
			4-1-1905				7722	
		717	9	6-1-1865	.64		154.45	32

*SUBTRACT

STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

CHART NO. 25

NAME OF CANAL	CHANGE IN P. OF D. TRANSFER		PRIORITY NO. DATE		AMOUNT DECREED				TOTAL SEC. FT.
					INTERVENORS			INCHES	
					STEWART DECREE	STEWART DECREE	BRYAN DECREE		
SETTLERS			92	10-17-1884	99.06			4953	
			122	6-1-1891	73.44			3672	
		347	3	6-1-1864	.14			7	
		349	3	6-1-1864	.14			7	
		350	3	6-1-1864	.14			7	
		357	65	6-1-1877	.20			10	
		412	81	6-1-1882	.40			20	
	76		85-B	4-1-1883		1.00		50	
	83		85-A	6-1-1882		.72		36	
		430	65	6-1-1877	.25			12.5	
		595	1	6-1-1864	.20			10	
		654	30	5-1-1866	.50			25	
					1.00			50	
					.50			25	
		694	30	5-1-1866	.16			8	
					.12			6	
					.14			7	
					.26			13	
		702	30	5-1-1866	.60			30	
		712	30	5-1-1866	.20			10	
					.20			10	
					.50			25	
		720	30	5-1-1866	1.34			67	
		736	37	6-1-1868	1.00			50	
		737	30	5-1-1866	1.10			55	
		739	30	5-1-1866	.15			7.5	
		753	30	5-1-1866	.46			23	
		829	30	5-1-1866	.48			24	
		871	36	6-1-1868	.288			14.4	
		872	36	6-1-1868	.22			11	
		873	30	5-1-1866	.20			10	
		890	30	5-1-1866	.10			5	
		906	30	5-1-1866	.10			5	
		917	30	5-1-1866	.20			10	
		918	30	5-1-1866	.025			1.25	
		940	30	5-1-1866	.05			2.5	
		977	30	5-1-1866	.20			10	
		979	30	5-1-1866	.10			5	
		980	30	5-1-1866	.12			6	
		989	30	5-1-1866	.20			10	
		990	30	5-1-1866	.03			4	
		991	30	5-1-1866	.16			8	
		1711	67	5-1-1878	.40			20	
								27	
SEVEN SUCKERS	38)		57	6-1-1872	.54			25	
	39)		58	6-1-1872	.50			8.4	
	179		51	6-1-1864	.168			3.6	1.28
			52)	6-1-1871	.072				

*SUBTRACT

STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

CHART NO. 25

NAME OF CANAL	CHANGE IN P. OF D.	TRANSFER	PRIORITY NO.	DATE	AMOUNT DECREED			TOTAL SEC. FT.
					STEWART DECREE	STEWART DECREE	BRYAN DECREE	
SIEBENBERG								
			9	6-1-1865	13.42			
		105*	9	6-1-1865	.50*		671	
		717*	9	6-1-1865	.64*		25*	
							32*	12.28
THURMAN MILL								
			7	6-1-1864	3.30		165	
			10	6-1-1865	1.20		60	
			11	6-1-1865	.66		33	
			36	6-1-1868	14.10		705	
			37	6-1-1868	3.70		185	
			42	6-1-1869	1.60		80	
			55	6-1-1872	.70		35	
			56	6-1-1872	1.40		70	
			62	6-1-1876	.44		22	
			75	6-1-1880	2.40		120	
			76	10-20-1880	.90		45	
			78	6-1-1882	.90		45	
			79	6-1-1882	.60		30	
			81	6-1-1882	2.60		130	
			84	6-1-1882	1.30		75	
			87	6-1-1883	.90		45	
			128	7-1-1895	.66		33	
		412*	81	6-1-1882	.40*		20*	
		736*	37	6-1-1868	1.00*		50*	
		871*	36	6-1-1868	.288*		14.4*	
		872*	36	6-1-1868	.22*		11*	35.652
UPPER CENTER POINT								
			23	6-1-1865	3.20		160	
			24	6-1-1865	2.40		120	
			25	6-1-1865	3.94		197	
			26	6-1-1865	1.60		80	
			27	6-1-1865	1.38		79	
	71*		24	6-1-1865	.80*		40*	
	85*		24	6-1-1865	.50*		25*	
	148		96	10-1-1887	3.00		150	
	159*		24	6-1-1865	.10*		5*	
	289		89	11-9-1883	.50		25	14.82

*SUBTRACT

STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

CHART NO. 25

NAME OF CANAL	CHANGE IN P. OF D.	TRANSFER	PRIORITY NO.	DATE	AMOUNT DECREED				
					STEWART DECREE	INTERVENORS STEWART DECREE	BRYAN DECREE	TOTAL INCHES	SEC. FT.
STEBENBERG									
			9	6-1-1865	13.42			671	
		105*	9	6-1-1865	.50*			25*	
		717*	9	6-1-1865	.64*			32*	12.28
THURMAN MILL									
			7	6-1-1864	3.30			165	
			10	6-1-1865	1.20			60	
			11	6-1-1865	.66			33	
			36	6-1-1868	14.10			705	
			37	6-1-1868	3.70			185	
			42	6-1-1869	1.60			80	
			55	6-1-1872	.70			35	
			56	6-1-1872	1.40			70	
			62	6-1-1876	.44			22	
			75	6-1-1880	2.40			120	
			76	10-20-1880	.90			45	
			78	6-1-1882	.90			45	
			79	6-1-1882	.60			30	
			81	6-1-1882	2.60			130	
			84	6-1-1882	1.50			75	
			87	6-1-1883	.90			45	
			128	7-1-1895	.66			33	
		412*	81	6-1-1882	.40*			20*	
		736*	37	6-1-1868	1.00*			50*	
		871*	36	6-1-1868	.288*			14.4*	
		872*	36	6-1-1868	.22*			11*	35.652
UPPER CENTER POINT									
			23	6-1-1865	3.20			160	
			24	6-1-1865	2.40			120	
			25	6-1-1865	3.94			197	
			26	6-1-1865	1.60			80	
			27	6-1-1865	1.58			79	
		71*	24	6-1-1865	.80*			40*	
		85*	24	6-1-1865	.50*			25*	
		148	96	10-1-1887	3.00			150	
		159*	24	6-1-1865	.10*			5*	
		289	89	11-9-1883	.50			25	14.82

*SUBTRACT

STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

CHART NO. 25

NAME OF CANAL	CHANGE IN P. OF D.	TRANSFER	PRIORITY NO.	DATE	AMOUNT DECREED			TOTAL SEC. FT.
					STEWART DECREE	INTERVENORS STEWART DECREE	BRYAN DECREE	
WARM SPRINGS DITCH			61	6-1-1876	2.30			
			82	6-1-1882	.44			
			83	6-1-1882	.44			
			84	6-1-1882	1.36			
			85	6-1-1882	2.20			
			81	6-1-1882	.80			
			115	6-1-1889	.06			
			116	6-1-1889	1.20			
		2996	116*	6-1-1889	.80*			8.00

STEWART AND BRYAN DECREES GROUPED UNDER CANAL HEADINGS

CHART NO. 25

NAME OF CANAL	CHANGE IN P. OF D.	TRANSFER	PRIORITY NO.	DATE	AMOUNT DECREED			
					STEWART DECREE	INTERVENORS STEWART DECREE	BRYAN DECREE	TOTAL INCHES SEC. FT.
WARM SPRINGS DITCH			61	6-1-1876	2.30			
			82	6-1-1882	.44			
			83	6-1-1882	.44			
			84	6-1-1882	1.36			
			85	6-1-1882	2.20			
			81	6-1-1882	.80			
			115	6-1-1889	.06			
			116	6-1-1889	1.20			
		2996	116*	6-1-1889	.80*			
								8.00

TABLE SHOWING PRESENT DIVERSION OF STEWART DECREE RIGHTS AND FLOW NECESSARY IN SECOND FEET TO FILL TO 60% - 75% AND 100%

CHART NO. 26

NO.	CANAL	RIVER SECTION	100% OF DECREE	75% OF DECREE	60% OF DECREE	FLOW TO FILL 60%	FLOW TO FILL 75%	FLOW TO FILL 100%
1	FARMERS UNION	1						
1	RIDENBAUGH	1	1.80	1.35	1.08	1.08	1334.0	1650.1
1	SETTLERS	1	.20	.15	.12	1.20	1334.0	1650.2
2	*FARMERS UNION	1	.20	.15	.12	1.32	1334.1	1650.2
3	MIDDLETON MILL	1	20.00	20.00	20.00	21.32	1334.1	1650.2
3	FARMERS UNION	1	11.04	8.28	6.62	27.94	1335.7	1653.0
3	SETTLERS	1	.10	.08	.06	28.00	1335.7	1653.0
3	NEW DRY CREEK	1	.42	.32	.25	28.25	1335.8	1653.1
4	ANDREKS	1	1.25	.94	.75	29.00	1336.0	1653.4
5	MACE-CATLIN	3	3.30	2.48	1.98	29.00	1336.0	1653.4
5	SEVEN SUCKERS	1	2.69	2.02	1.61	30.61	1336.4	1654.1
6	HART-DAVIS	1	.17	.13	.10	30.71	1336.4	1654.1
7	THURMAN MILL	1	3.30	2.48	1.98	32.69	1336.9	1655.0
8	NEW YORK	1	3.30	2.48	1.98	34.67	1337.4	1655.8
8A	RIDENBAUGH	1	20.00	15.00	12.20	46.67	1340.4	1660.8
8B	BUBB	1	.80	.60	.48	47.45	1340.5	1661.0
8C	LEMP	1	1.80	1.35	1.08	48.23	1340.8	1661.4
8D	BUBB	1	6.00	4.50	3.60	51.83	1341.7	1662.9
9	SIEBENBERG	1	.50	.38	.30	52.13	1341.8	1663.1
7	SEBREE	2	13.42	10.07	8.05	52.13	1341.8	1663.1
7	CAMPBELL	2	.64	.48	.38	52.13	1341.8	1663.1
10	THURMAN MILL	1	.50	.38	.30	52.13	1341.8	1663.1
11	THURMAN MILL	1	1.20	.90	.72	52.85	1342.0	1663.4
12	GRAHAM-GILBERT	1	.66	.50	.40	53.25	1342.1	1663.5
13	EUREKA #1	1	4.40	3.30	2.64	55.89	1342.7	1664.6
14	NEW UNION	1	33.32	24.99	19.99	75.88	1347.7	1673.0
15	BOISE VALLEY	1	13.76	10.32	8.27	84.15	1349.8	1676.4
15	ROSSI MILL	1	54.58	40.94	32.75	116.90	1358.0	1690.0
16	ROSSI MILL	1	9.20	6.90	5.52	122.42	1359.5	1692.5
17	RIDENBAUGH & ROSSI (POWER)	1	265.80	265.80	265.80	122.42	1359.5	1692.5
18	ROSSI MILL	1	.80	.60	.48	122.90	1359.5	1692.5
19	BOWMAN-SWISHER	2	2.88	2.16	1.73	122.90	1359.5	1692.5
20	BOWMAN-SWISHER	2	5.60	4.20	3.36	122.90	1359.5	1692.5
20	BAXTER	3	.80	.60	.48	122.90	1359.5	1692.5
21	LOWER CENTER POINT	2	2.90	2.18	1.74	122.90	1359.5	1692.5
22	LOWER CENTER POINT	2	3.20	2.40	1.92	122.90	1359.5	1692.5
23	UPPER CENTER POINT	2	3.20	2.40	1.92	122.90	1359.5	1692.5
24	UPPER CENTER POINT	2	1.00	.75	.60	122.90	1359.5	1692.5
24	EUREKA #2	2	1.40	1.05	.84	122.90	1359.5	1692.5
25	UPPER CENTER POINT	2	3.94	2.96	2.36	122.90	1359.5	1692.5
26	UPPER CENTER POINT	2	1.60	1.20	.96	122.90	1359.5	1692.5
27	UPPER CENTER POINT	2	1.58	1.19	.95	122.90	1359.5	1692.5
28	BOONE	3	7.00	5.25	4.20	122.90	1359.5	1692.5
27	ANDREWS	3	6.00	4.50	3.60	122.90	1359.5	1692.5
30	*MIDDLETON MILL	1	.40	.40	.40	123.30	1359.5	1692.5
30	*MISCELLANEOUS	1	3.00	3.00	3.00	126.20	1359.5	1692.5
30	*NEW DRY CREEK	1	.54	.54	.54	126.84	1359.5	1692.5

* THESE RIGHTS HAVE BEEN ADJUDICATED BY THE SUPREME COURT AND ARE NOT CUT BELOW 100%

TABLE SHOWING PRESENT DIVERSION OF STEWART DECREE
 RIGHTS AND FLOW NECESSARY IN SECOND FEET TO FILL
 TO 60% - 75% AND 100%

CHART NO. 26

<u>NO.</u>	<u>CANAL</u>	<u>RIVER SECTION</u>	<u>100% OF DECREE</u>	<u>75% OF DECREE</u>	<u>60% OF DECREE</u>	<u>FLOW TO FILL 60%</u>	<u>FLOW TO FILL 75%</u>	<u>FLOW TO FILL 100%</u>
30	*NEW YORK	1	15.10	15.10	15.10	141.94	1359.5	1692.5
30	*PHYLISS	1	21.72	21.72	21.72	163.66	1359.5	1692.5
30	*SETTLERS	1	9.25	9.25	9.25	172.91	1359.5	1692.5
31	CANYON COUNTY	1	2.60	1.95	1.56	174.47	1359.5	1693.2
31A	MIDDLETON IRRIGATION	1	2.30	1.73	1.38	175.85	1360.2	1693.8
31B	MIDDLETON IRRIGATION	1	.60	.45	.36	176.21	1360.3	1693.9
32	MISCELLANEOUS	1	1.10	.83	.66	176.87	1360.5	1694.2
32	FARMERS UNION	1	1.70	1.28	1.02	177.89	1360.8	1694.6
33	BOISE CITY CANAL	1	1.80	1.35	1.08	178.97	1361.0	1695.1
33	FARMERS UNION	1	36.38	27.29	21.83	200.80	1366.4	1704.2
34	CALDWELL HIGHLINE	1	1.68	1.26	1.01	201.81	1366.7	1704.6
35	CANYON COUNTY	1	15.40	11.55	9.24	211.05	1369.0	1708.4
35	MIDDLETON MILL	1	75.01	56.26	45.01	256.06	1380.3	1727.2
35	MIDDLETON IRRIGATION	1	.41	.31	.25	256.31	1380.3	1727.3
35A	CANYON COUNTY	1	.38	.29	.23	256.54	1380.4	1727.4
36	THURMAN MILL	1	1.76	1.32	1.06	257.60	1380.6	1727.8
36	SETTLERS	1	13.59	10.19	8.15	265.75	1382.7	1731.2
37	THURMAN MILL	1	.51	.38	.31	266.06	1382.7	1731.3
37	SETTLERS	1	2.70	2.03	1.62	267.68	1382.2	1732.0
38	LOWER CENTER POINT	1	1.00	.75	.60	268.28	1383.3	1732.3
38	HAAS	2	3.20	2.40	1.92	268.28	1383.3	1732.3
39	MIDDLETON MILL	3	8.54	6.41	5.12	268.28	1383.3	1732.3
40	MIDDLETON MILL	1	1.40	1.05	.84	269.12	1383.5	1732.6
41	MANMON	3	1.80	1.35	1.08	269.12	1383.5	1732.6
42	THURMAN MILL	1	1.60	1.20	.96	270.08	1383.8	1733.0
43	LOWER CENTER POINT	2	3.60	2.70	2.16	270.08	1383.8	1733.0
44	ANDREWS	3	8.50	6.38	5.10	270.08	1383.8	1733.0
45	PIONEER DIXIE	2	33.10	24.83	19.86	270.08	1383.8	1733.0
45	NEW YORK	1	.34	.26	.20	270.28	1383.8	1733.1
45	RIVERSIDE	2	2.00	1.50	1.20	270.28	1383.8	1733.1
46	CALDWELL HIGH LINE	1	36.20	27.15	21.72	292.00	1389.2	1742.2
46	CANYON COUNTY	1	1.00	.75	.60	292.60	1389.4	1742.4
47	BOONE	3	3.50	2.63	2.10	292.60	1389.4	1742.4
47A	RIDENBAUGH	1	.80	.60	.48	293.08	1389.5	1742.6
48	CONWAY HAMMING	1	2.60	1.95	1.56	294.64	1389.9	1743.3
49	LITTLE PIONEER	1	25.72	19.29	15.43	310.07	1393.8	1749.7
50	PENITENTIARY	1	2.24	1.68	1.34	311.41	1394.1	1750.2
50A	BUBB	1	1.00	.75	.60	312.01	1394.2	1750.5
51	ANDREWS	3	1.30	.98	.78	312.01	1394.2	1750.5
52	MACE-CATLIN	1	7.79	5.84	4.67	316.68	1395.4	1752.4
52	SEVEN SUCKERS	1	.07	.05	.04	316.72	1395.4	1752.5
53	MEEVES	1	1.80	1.35	1.08	317.80	1395.7	1752.9
54	MIDDLETON MILL	1	32.43	24.32	19.46	337.26	1400.5	1761.0
54	FARMERS UNION	1	.26	.20	.16	337.42	1400.6	1761.1
54	NEW DRY CREEK	1	1.01	.76	.61	338.03	1400.7	1761.3
55	THURMAN MILL	1	.70	.53	.42	338.45	1400.8	1761.5

*THESE RIGHTS HAVE BEEN ADJUDICATED BY THE SUPREME COURT AND ARE NOT CUT BELOW 100%

TABLE SHOWING PRESENT DIVERSION OF STEWART DECREE RIGHTS AND FLOW NECESSARY IN SECOND FEET TO FILL TO 60% - 75% AND 100%

CHART NO. 26

NO.	CANAL	RIVER SECTION	100% OF DECREE	75% OF DECREE	60% OF DECREE	FLOW TO FILL 60%	FLOW TO FILL 75%	FLOW TO FILL 100%
56	THURMAN MILL	1						
57	HART DAVIS	1	1.40	1.05				
57	SEVEN SUCKERS	1	3.86	2.90	.84	339.29	1401.1	1761.9
58	HART DAVIS	1	.54	.41	2.32	341.61	1401.6	1762.8
58	SEVEN SUCKERS	1	2.80	2.10	.32	341.93	1401.7	1763.0
59	BOONE	1	.50	.38	1.68	343.61	1402.1	1763.7
59A	ROEDEL	3	2.20	1.65	.30	343.91	1402.2	1763.8
60	SEBREE	2	3.20	2.40	1.32	343.91	1402.2	1763.8
61	WARM SPRINGS	2	10.00	7.50	1.92	343.91	1402.2	1763.8
62	THURMAN MILL	1	2.30	1.73	6.00	343.91	1402.2	1763.8
63	AIKEN	1	.44	.33	1.38	345.29	1402.6	1764.4
64	CONWAY-HAMMING	1	5.20	3.90	.26	345.55	1402.6	1764.5
65	MIDDLETON IRRIGATION	1	.90	.68	3.12	348.67	1403.4	1765.8
65	BALLENTYNE	1	109.51	82.13	.54	349.21	1403.5	1766.0
65	FARMERS UNION	1	.60	.45	65.71	414.92	1420.0	1793.4
65	RIDENBAUGH	1	3.12	2.34	.36	415.28	1420.1	1793.5
65	SETTLERS	1	.40	.30	1.87	417.15	1420.5	1794.3
66	PARRAULT & JOHNSON (POWER)	1	.45	.34	.24	417.39	1420.6	1794.4
66A	BALLENTYNE	1	200.00	200.00	.27	417.66	1420.6	1794.5
66C	BALLENTYNE	1	.80	.60	.48	418.14	1420.8	1794.7
66D	BALLENTYNE	1	1.40	1.05	.84	418.98	1421.0	1795.1
67	RIDENBAUGH	1	.80	.60	.48	419.46	1421.1	1795.3
67	SETTLERS	1	169.60	127.20	101.76	521.22	1446.5	1837.7
68	MAMMON	3	.40	.30	.24	521.46	1446.6	1837.8
69	MAMMON	3	4.20	3.15	2.52	521.46	1446.6	1837.8
70	HAAS	3	3.36	2.52	2.02	521.46	1446.6	1837.8
71	PARMA	3	8.80	6.60	5.28	521.46	1446.6	1837.8
71A	ISLAND HIGH LINE	3	4.40	3.30	2.64	521.46	1446.6	1837.8
72	NEW DRY CREEK	3	3.00	2.25	1.80	521.46	1446.6	1837.8
73	LOWER CENTER POINT	1	31.32	23.49	18.79	540.25	1451.3	1845.6
73A	NEW DRY CREEK	2	4.00	3.00	2.40	540.25	1451.3	1845.6
73A	AIKEN	1	.44	.33	.26	540.51	1451.4	1845.7
73A	AIKEN	1	.10	.08	.06	540.57	1451.4	1845.7
73B	BAXTER	3	3.20	2.40	1.92	540.57	1451.4	1845.7
74	PARMA	3	1.76	1.32	1.06	540.57	1451.4	1845.7
74A	NEW DRY CREEK	1	1.82	1.37	1.09	541.66	1451.6	1846.2
75	THURMAN MILL	1	2.40	1.80	1.44	543.10	1452.0	1846.8
76	THURMAN MILL	1	.90	.68	.54	543.64	1452.1	1847.0
77	CALDWELL HIGH LINE	1	27.60	20.70	16.56	560.20	1456.3	1853.9
77A	PARMA	3	1.60	1.20	.96	560.20	1456.3	1853.9
77B	PARMA	3	.34	.26	.20	560.20	1456.3	1853.9
77C	PARMA	3	.80	.60	.48	560.20	1456.3	1853.9
77D	PARMA	3	1.30	.98	.78	560.20	1456.3	1853.9
77E	RIVERSIDE	2	3.67	2.75	2.20	560.20	1456.3	1853.9
78	THURMAN MILL	1	.70	.68	.54	560.74	1456.4	1854.1
79	THURMAN MILL	1	.60	.45	.36	561.10	1456.5	1854.3
80	MISCELLANEOUS	1	1.60	1.20	.96	562.06	1456.7	1854.7

TABLE SHOWING PRESENT DIVERSION OF STEWART DECREE RIGHTS AND FLOW NECESSARY IN SECOND FEET TO FILL TO 60% - 75% AND 100%

CHART NO. 26

<u>NO.</u>	<u>CANAL</u>	<u>RIVER SECTION</u>	<u>100% OF DECREE</u>	<u>75% OF DECREE</u>	<u>60% OF DECREE</u>	<u>FLOW TO FILL 60%</u>	<u>FLOW TO FILL 75%</u>	<u>FLOW TO FILL 100%</u>
81	THURMAN MILL	1						
81	SETTLERS	1	2.20	1.65	1.32	563.38	1457.1	1855.2
81	WARM SPRINGS	1	.40	.30	.24	563.62	1457.1	1855.3
82	WARM SPRINGS	1	.80	.60	.48	564.10	1457.3	1855.5
83	WARM SPRINGS	1	.44	.33	.26	564.36	1457.3	1855.6
84	THURMAN MILL	1	.44	.33	.26	564.62	1457.4	1855.7
84	WARM SPRINGS	1	1.50	1.13	.90	565.52	1457.6	1856.1
85	WARM SPRINGS	1	1.36	1.02	.82	566.34	1457.8	1856.5
85A	MISCELLANEOUS	1	2.20	1.65	1.32	567.66	1458.1	1857.0
85A	SETTLERS	1	1.04	.78	.62	568.28	1458.3	1857.3
85B	SETTLERS	1	.72	.54	.43	568.71	1458.4	1857.4
85C	NEW DRY CREEK	1	1.00	.75	.60	569.31	1458.6	1857.7
85D	BALLENTYNE	1	.22	.17	.13	569.44	1458.6	1857.8
85D	NEW DRY CREEK	1	.76	.57	.46	569.90	1458.7	1857.9
85E	NEW DRY CREEK	1	.07	.05	.04	569.94	1458.7	1858.0
86	SEBREE	2	.39	.29	.23	570.17	1458.7	1858.1
87	THURMAN MILL	1	20.00	15.00	12.00	570.17	1458.8	1858.1
88	RIVERSIDE	2	.90	.68	.54	570.71	1458.9	1858.3
88	EUREKA #2	2	8.00	6.00	4.80	570.71	1458.9	1858.3
88	PIONEER DIXIE	2	1.70	1.28	1.02	570.71	1458.9	1858.3
89	EUREKA #2	2	2.30	1.73	1.38	570.71	1458.9	1858.3
89	BOWMAN-SWISHER	2	18.30	13.73	10.98	570.71	1458.9	1858.3
89	UPPER CENTER POINT	2	.20	.15	.12	570.71	1458.9	1858.3
89	LOWER CENTER POINT	2	.50	.38	.30	570.71	1458.9	1858.3
89	LOWER CENTER POINT	2	2.70	2.03	1.62	570.71	1458.9	1858.3
90	PHYLISS	1	53.10	39.83	31.86	602.57	1466.9	1871.6
91	RIVERSIDE	2	20.00	15.00	12.00	602.57	1466.9	1871.6
92	SETTLERS	1	99.06	74.30	59.44	662.01	1481.7	1896.3
93	NEW DRY CREEK	1	15.22	11.42	9.13	671.14	1484.0	1900.1
94	DAVIS	1	13.40	10.05	8.04	679.18	1486.0	1903.5
95	RIVERSIDE	2	4.00	3.00	2.40	679.18	1486.0	1903.5
96	BOWMAN-SWISHER	2	.70	.53	.42	679.18	1486.0	1903.5
96	CAMPBELL	2	12.10	9.08	7.26	679.18	1486.0	1903.5
96	EUREKA #2	2	28.60	21.45	17.16	679.18	1486.0	1903.5
96	NEW YORK	1	1.20	.90	.72	679.90	1486.2	1903.8
96	PIONEER DIXIE	2	2.20	1.65	1.32	679.90	1486.2	1903.8
96	UPPER CENTER POINT	2	3.00	2.25	1.80	679.90	1486.2	1903.8
97	NEW DRY CREEK	1	7.86	5.90	4.72	684.62	1487.4	1905.7
98	BALLENTYNE	1	4.00	3.00	2.40	687.02	1488.0	1906.7
99	BALLENTYNE	1	1.30	.98	.78	687.80	1488.2	1907.1
100	BALLENTYNE	1	1.40	1.05	.84	688.64	1488.4	1907.4
101	BALLENTYNE	1	1.46	1.10	.88	689.52	1488.6	1907.8
102	BALLENTYNE	1	1.00	.75	.60	690.12	1488.8	1908.0
102	NEW DRY CREEK	1	.20	.15	.12	690.24	1488.8	1908.1
103	BALLENTYNE	1	.51	.38	.31	690.55	1488.9	1908.2
103	NEW DRY CREEK	1	.83	.67	.53	691.08	1489.0	1908.4
104	ANDREWS	3	.90	.68	.54	691.08	1489.0	1908.4
105	SEBREE	2	50.00	37.50	30.00	391.08	1489.0	1908.4
106	RIDENBAUGH	1	361.34	271.46	217.16	908.24	1543.3	1998.9
106	NEW YORK	1	8.90	6.68	5.34	913.58	1544.6	2001.2

TABLE SHOWING PRESENT DIVERSION OF STEWART DECREED RIGHTS AND FLOW NECESSARY IN SECOND FEET TO FILL TO 60% - 75% AND 100%

CHART NO. 26

NO.	CANAL	RIVER SECTION	100% OF DECREE	75% OF DECREE	60% OF DECREE	FLOW TO FILL 60%	FLOW TO FILL 75%	FLOW TO FILL 100%
106A	BUBB	1	.84	.63	.50	914.08	1544.7	2001.3
107	BUBB	1	.06	.05	.04	914.12	1544.8	2001.4
108	BUBB	1	.02	.02	.01	914.13	1544.8	2001.4
109	BUBB	1	2.40	1.80	1.44	915.57	1545.1	2002.0
110	BUBB	1	6.00	4.50	3.60	919.17	1546.0	2003.5
111	BUBB	1	2.94	2.21	1.76	920.93	1546.5	2004.2
112	BUBB	1	.05	.04	.03	920.96	1546.5	2004.2
113	BUBB	1	.10	.08	.06	921.02	1546.5	2004.2
114	BUBB	1	.03	.02	.02	921.04	1546.5	2004.2
114A	MISCELLANEOUS	3	1.60	1.20	.96	921.04	1546.5	2004.2
114B	PARMA	3	.80	.60	.48	921.04	1546.5	2004.2
115	WARM SPRINGS	1	.06	.05	.04	921.04	1546.5	2004.3
116	WARM SPRINGS	1	1.20	.90	.72	921.80	1546.7	2004.6
116A	RIVERSIDE	2	.72	.54	.43	921.80	1546.7	2004.6
116B	RIVERSIDE	2	.10	.08	.06	921.80	1546.7	2004.6
116C	RIVERSIDE	2	.40	.30	.24	921.80	1546.7	2004.6
117	PHYLISS	1	200.00	150.00	120.00	1041.80	1576.7	2054.6
118	CONWAY-HAMMING	1	2.20	1.65	1.32	1043.12	1577.0	2055.1
119	DAVIS	1	.54	.41	.32	1043.44	1577.1	2055.2
120	MIDDLETON MILL	1	16.44	12.33	9.86	1053.30	1579.6	2059.4
120	FARMERS UNION	1	.08	.06	.05	1053.35	1579.6	2059.4
120	NEW DRY CREEK	1	.48	.36	.29	1053.64	1579.6	2059.5
121	ANDREWS	3	3.50	2.63	2.10	1053.64	1579.6	2059.5
122	SETTLERS	1	73.44	55.08	44.06	1097.70	1590.7	2077.9
123	BALLENTYNE	1	.80	.60	.48	1098.18	1590.8	2078.1
123A	MIDDLETON MILL	1	1.60	1.20	.96	1099.14	1591.0	2078.5
124	RIVERSIDE	3	80.00	60.00	48.00	1099.14	1591.0	2078.5
124A	NEW DRY CREEK	1	.69	.52	.41	1099.55	1591.1	2078.6
124A	BALLENTYNE	1	.14	.11	.08	1099.63	1591.1	2078.7
125	PARMA	3	1.76	1.32	1.06	1099.63	1591.1	2078.7
126	FARMERS UNION	1	110.00	82.50	66.00	1165.63	1607.6	2106.2
127	RIDENBAUGH	1	1.00	.75	.60	1166.23	1607.8	2106.4
128	THURMAN MILL	1	.66	.50	.40	1166.63	1607.9	2106.6
129	SEBREE	2	83.50	62.63	50.10	1166.63	1607.9	2106.6
129A	NEW DRY CREEK	1	.54	.41	.32	1166.95	1608.0	2106.7
130	RIVERSIDE	2	20.00	15.00	12.00	1166.95	1608.0	2106.7
131	NEW YORK	1	219.10	164.33	131.46	1298.41	1640.8	2161.5
132	CAMPBELL	2	10.00	7.50	6.00	1298.41	1640.8	2161.5
133	RIVERSIDE	2	70.00	52.50	42.00	1298.41	1640.8	2161.5
134	CAMPBELL	2	5.54	4.16	3.32	1298.41	1640.8	2161.5
135	PHYLISS	1	56.34	42.26	33.80	1332.21	1649.3	2175.6
136	BALLENTYNE	1	.39	.29	.23	1332.44	1649.3	2175.7
137	MACE-MACE	1	1.76	1.32	1.06	1333.50	1649.6	2176.1
137A	ISLAND HIGH LINE	3	7.00	5.25	4.20	1333.50	1649.6	2176.1
138	MACE-CATLIN	1	.44	.33	.26	1333.76	1649.7	2176.2
139	ISLAND HIGH LINE	3	10.00	7.50	6.00	1333.76	1649.7	2176.2

TABLE SHOWING DECREED RIGHTS (BRYAN DECREE) & FLOW IN SECOND FEET
AN APPROXIMATE AMOUNT
NECESSARY AT DIVERSION DAM TO FILL SAME

CHART NO. 27

<u>PRIORITY DATE</u>	<u>NAME</u>	<u>100% OF DECREE</u>	<u>75% OF DECREE</u>	<u>60% OF DECREE</u>	<u>FLOW TO FILL 60%</u>	<u>FLOW TO FILL 75%</u>	<u>FLOW TO FILL 100%</u>	<u>DEPT. OF WATER ADMINISTRATION</u>
7-2-1894	FARMERS UNION	54.46	40.85	32.68	2306	4071	4523	63-0297
3-23-1900	NEW YORK IRRIG. DIST. BOISE KUNA IRRIG. DIST.	58.86	44.15	35.32	2341	4079	4538	63-0372
12-14-1903	UNITED STATES OF AMERICA	1354.58	1015.94	812.75	3154	4283	4877	63-0301
4-1-1905	PIONEER IRRIG. DIST.	306.56	229.92	183.94	3338	4329	4953	63-0294
4-1-1905	FARMERS COOP. DITCH CO.	154.45	115.84	92.67	3430	4352	4992	63-0296
4-1-1905	SOUTH BOISE MUTUAL DITCH CO.	5.40	4.05	3.24	3434	4353	4993	63-0298
4-1-1908	PIONEER IRRIG. DIST.	54.50	40.88	32.70	3466	4361	5007	63-0295
4-1-1909	UNITED STATES OF AMERICA	292.50	219.38	175.50				63-0373
6-16-1909	UNITED STATES OF AMERICA	634.00	475.50	380.40	4022	4500	5239	63-0302
6-16-1909	UNITED STATES OF AMERICA	1500.00	(POWER)					63-0367
4-1-1910	**RIVERSIDE IRRIG. DIST.	63.78	47.84	38.27	4060	4509	5255	63-0299
4-1-1910	**MC MANUS TEATER	3.36	2.52	2.02	4062	4510	5255	63-0304
1-13-1911	*UNITED STATES OF AMERICA	8000.00	(ARROWROCK STORAGE)				13255	63-0303
4-1-1914	RIVERSIDE IRRIG. DIST.	17.70	13.28	10.62			13273	63-0300
7-9-1914	** PIONEER DIXIE DITCH CO.	20.90	15.68	12.54			13294	63-0374
8-18-1924	UNITED STATES OF AMERICA	300.00	225.00	180.00			13594	63-2388
6-25-1938	UNITED STATES OF AMERICA	15000.00	(ARROWROCK STORAGE)					63-3613
12-9-1940	UNITED STATES OF AMERICA	493161.00	(ANDERSON STORAGE)					63-3614
4-12-1963	UNITED STATES OF AMERICA	307000.00	(LUCKY PEAK STORAGE)					63-3618

**DELIVERED FROM RETURN FLOW AFTER JULY 15

* FOR FURTHER INFORMATION SEE TEXT OF THIS REPORT, UNDER HEADING, "DECREE".

