C.R.1919.

Provo, Utah, Dec. 5,1919.

J. F. Bowman,
Salt Lake City, Utah.

W. A. Crane,
Harriman, Utah.

Gentlemen:-

Complying with your request for data regarding Provo River and the quantities of water of Provo Reservoir Company during the season of 1919, I hand you herewith the following:

Daily sheet for June 11, 14, 24, and 30th., and July 9th.

Discharge Provo Reservoir Canal.

Quantity of Provo Reservoir Company water taken through the Provo Bench Canal.

Hydrograph "Average Natural Provo River 1911 - 1918" upon which is superimposed in red ink the Natural Provo River for 1919.

As I understand the purpose of your enquiry regarding this matter, is to ascertain the water rights of the Provo Reservoir Company and the cause of shortage of water during the season of 1919. It seems to me I should call your attention to some modifying conditions, conditions that will materially affect the supply of water to the lands under the Provo Reservoir Canal in Salt Lake County.

As you observe from enclosed hydrograph the 1919 Provo River was far below the average. The river receded from its highwater flow June 5th,-- a month in advance of the usual condition, and during the low stage it delivered but 50-60 per cent of its average. The Provo River was not an exception in this region, but was far ahead in relative discharge volume of many streams. The precipitation of last winter was unusualy low, the springs storms were light, and the intense hot weather came, [illegible]h of which had its adverse effect, and such a combination cre[illegible] extremely unfavorable condition.

The drop from high to low water came sooner, and was more abrupt, than anticipated. And it was several days before we were able to relieve the situation with storage water.

The canal of the Provo Reservoir Company in the stretch near Point of Mountain was found to be leaking about one-half of its flow. This was attributed to two causes, viz; the large discharge of highwater had carried away or disturbed the puddling, and the channel bed was used as a roadway by the gravel teams which broke the lining.

Some of the Provo Reservoir Company water is available below the Olmstead Plant of the Utah Power & Light Company, and pumps to lift this water to the Provo Reservoir Canal were not in operation, this condition was relived on June 24th. by the Provo Reservoir Company obtaining the right to have this water turned from the flume to their canal.

[illegible] marked advantages over the past season, you are advised of [illegible]:-

canal section near the Point of Mountain has been lined concrete.

[illegible] are instaled below Olmstead Plant to raise 12 second feet [illegible] Reservoir Canal, and apump is instaled to divert 10 [illegible] to Timpanogus canal, making an additional quantity [illegible] Provo Reservoir canal of 22 second feet.

[illegible] reservoir have been enlarged.

[illegible] to pay [illegible] over the Olmstead Run has been decided [illegible] in [illegible] of the Provo Reservoir Company.

[illegible]

JOSE[illegible] MURDOCK, PRESIDENT AND MANAGER J. WM. K[illegible]T, VICE PRESIDENT R. J. MURDOCK, SECR[illegible]-TREASURER

DIRECTORS

JOSEPH R. MURDOCK
J. WM. KNIGHT
FRANCIS W. KIRKHAM
STEPHEN L. CHIPMAN
GEORGE H. BRIMHALL
JOSEPH B. KEELER
A. J. EVANS
O. C. BEEBE
DAVID A. SMITH

Provo Reservoir Company

Provo, Utah

June 24, 1919.

Mr. T. F. Wentz,
Water Commissioner,
Provo, Utah.

Dear Mr. Wentz:

Kindly be advised that under date of April 10, 1919, we rented from the Utah Power & Light Company, its portion of the water flowing from the Ontario Drain Tunnel No. 2. This lease is for one year from date; said water to be diverted to our company at the tail-race of the Olmsted Plant in Utah County.

Yours very truly,

PROVO RESERVOIR COMPANY

R. J. Murdock

Secretary.

RJM:VA

2/3

Provo, Utah, April 28, 1919.

Mr. T. F. Wentz,
Court Commissioner, Cause No. 2888,
Provo, Utah.

Dear Sir:

This will inform you that the Provo Reservoir Company has assigned to Samuel Rieske and John C. Whiting, each one-fifth of a cubic foot per second of the water right heretofore owned by it, out of the waters received from the William Wright estate.

In the future, you are authorized to distribute to each of said persons respectively, the said amount of water or its equivalent. The water of the Provo Reservoir Company from this source, will therefore be diminished to the amount of two-fifths of a second foot or its equivalent.

Yours very truly,

Provo Reservoir Company
by Joseph R. Murdock
President

2/2

T. F. WENTZ
CIVIL AND IRRIGATION ENGINEERING
OFFICE
COMMERCIAL BANK BUILDING
PROVO, UTAH

PHONES: 148W-1
318

Provo, Utah. Oct. 27,1919.

Caleb Tanner,
Engineer Provo Reservoir Company,
Provo, Utah.

H.L.Stoner,
Engineer Utah Power & Light Co.
Salt Lake City, Utah.

Gentlemen:-

I am forwarding to you to-day Loose-leaf Binder for the Commissioners 1919 Report in Case 2888, I also enclose therein copies of data arranged to-date.

You are advised I will mail the data as completed from day to day, kindly insert in binder, and you may page when the report is complete.

Resp.

T.F.Wentz,

Commissioner.

2-11

RE: CASE 2888.

Provo, Utah, Jan. 8,1919.

E.A.Wedgwood,
Chairman Commission
Drafting Decree.

Salt Lake City, Utah.

Dear Sir:-

Under separate cover I am forwarding the following:-

Reply Provo Res. Co. to Utah Power & Light Co.
Stipulation Provo Res. Co. with Pioneer Irrig. Co et al.
" " " " " Wilford Van Wagenen.
" " " " " Charleston Irrig. Co.
" " " " " Midway Irrig. Co. et al.
" " " " " J.R.Murdock.
" " " " " Wilford D.Wright and J.W.Allen.
" " " " " Provo City.
" " " " " Provo City.
Findings of Fact Chidester Decree.
Chidester Decree.
Morse Decree.
Decree In Fulton Case (Certified Copy)
Paragraph 17, of Findings of Fact Fulton Case (Certified Copy)

The foregoing is from the files at the Clerk's. Office.

I also forward with above my copy of the "Fulton Decree".

Resp.

Commissioner.

Copy to Clerk of the Court.

210

Provo, Utah, Jan.9,1920.

J.F.Bowman

Salt Lake City, Utah.

Dear Sir:-

In reply to your verbal enquiry relative to the water rights of the Provo Reservoir Company, you are advised as follows:-

In the decision of Judge Morse the Provo Reservoir Company has been awarded Class "A" right on Provo River to fifty second feet of water under the Blue Cliff Claim, the waters of Round Valley Creek and Springs to a quantity of approximately five second feet.

It has for a number of years leased the use of the Ontario Drain Tunnel water which quantity runs from fifteen to eighteen second feet, one half of which is owned by the Utah Power & Light Company and is available to the Provo Reservoir Company below the Olmstead Plant.

The Provo Reservoir Company has a number of filings for storing water, and the impounded water during the season of 1919 belong to the Provo Reservoir Company was 2444 acre feet. Some additional work was done on the reservoirs last autumn, which I think will raise the Provo Reservoir Comapny storage to approximately 2900 acre feet.

I have shown superimposed upon the Average Natural Provo River the 1919 River, and also the Primary Rights and filings to-date, you will observe the high water filing of the Provo Reservoir Company amount to 300 second feet. At present the Provo Reservoir Canal will carry at the mouth of Provo Canyon 175 second feet, and they divert through the Provo Bench Canal quantities as shown on discharge sheet heretofore furnished you.

The Provo Reservoir Canal heads one-mile up from the Mouth of the canyon, and where it gains the top of the bench is fifty feethigher than the tailrace of the Olmstead Plant. A short distance below the plant the Provo Reservoir Company have instaled two 10 second foot pumps to raise water to their canal, and have also instaled a 10 second foot pump to divert water to the Timpanogus Canal, this latter pump was in operation after July 23,1919.

You will observe by the stipulation between the Utah Power & Light Company and the Provo Reservoir Company that the fifty second feet of Class "A" right is subject to the Power Use at the Olmstead Plant, except so much thereof as is available at the heading of the Provo Reservoir Canal.

Under separate cover I am sending hydrograph showing Average River, 1919 River, and the awards and filings on Provo River. I think the foregoing with the plat answers your enquiry.

Very Resp.

C.R.1919. Case 2888.

Provo, Utah, Oct.29,1919.

Earnest Knight,
Commissioner Wasatch Division.

Kamas, Utah.

Dear Mr. Knight:-

I hand you herewith Tabulation of total second feet in the several classes of water rights under the tentative decision, and recommended arrangement.

Will you kindly look this over and let me known if it meets your approval, and in the interest of simplicity if you think such a change is realy worth while.

Yours Very Truly,

_____

Commissioner.

208

T. F. WENTZ
CIVIL AND IRRIGATION ENGINEERING
OFFICE
COMMERCIAL BANK BUILDING
PROVO, UTAH

PHONES: 148W-1
318

C.R.1919. Case 2888.

Provo, Utah, Oct. 29,1919.

E.A.Wedgwood,

W.W.Ray,

F.S.Richards,

Commissioners Drafting Decree, Case 2888.

Salt Lake City, Utah.

Gentlemen:

I hand you herewith Tabulation Showing the total second feet in the several classes of water rights under the tentative decision for the Wasatch Division of Provo River, and on the right I have arranged a combination of some of the classes.

You will recall that the several classes as shown under the Tentative Decision represents time of appropriation, and in this respect has preserved the order of rights. On the other hand the Reccommended Arrangement puts the awards in a more practical form for administration.

The writer feels that some such modification should be made in the Tentative Decision, and that some such arrangement should be adopted and reccommended by the Commission Drafting the Decree,however, I would not advise any such change unless all the parties should agree to the same, that is, no move should be made that will in any way tend to prolong the case or create any dissatisfaction among the parties.

In the actual distribution the Reccommended Arrangement will not seriously affect the parties, therefore for compactness and a more practical method of administration, I suggest to your Commission that Counsel be advised of this proposal, and if unanimously approved, you may then present the matter to the Court for approval.

Resp. Submitted, T. F. Wentz

Commissioner.

Copy to:
Hon. C.W.Morse,
E.A.Wedgwood.
W.W.Ray,
F.S.Richards.
Provo Reservoir Co.
Utah Power & Light Co.

C.R. 1919. Case 2888.

TABULATION SHOWING THE TOTAL SECOND FEET IN THE SEVERAL CLASSES OF WATER RIGHTS UNDER THE TENTATIVE DECISION FOR THE WASATCH DIVISION OF PROVO RIVER. AND RECOMMENDED ARRANGEMENT.

Tentative Decision		Recommended Arrangement.	
Class	Second Feet.	Class	Second Feet.
First	245.19	First	245.19
Second	11.41	Second	13.12
Third	1.48		
Fourth	0.23		
Fifth	24.67	Third	27.58
Sixth	1.10		
Seventh	0.26		
Eighth	0.09		
Ninth	0.64		
Tenth	0.82		
Eleventh	12.74	Fourth	12.74
Twelveth	8.33	Fifth	8.33
Thirteenth	12.17	Sixth	12.17
Fourteenth	64.00	Seventh	64.00
Fifteenth	0.00	Eighth	21.02
Sixteenth	21.02		
Seventeenth	179.64	Ninth	179.64
Totals:			
17	583.79	9	583.79

Submitted by letter to Commission Drafting Decree, Oct.29,1919.

Provo, Utah, June 13,1919.

Provo Reservoir Company.

Provo, Utah.

Gentlemen:-

Confirming my telephone of this a.m. in reply to your favor of the 12th inst. you are advised;

This matter is properly determinable by the Court, and you may make application to Judge Morse for an order of direction to the Commissioner.

Resp.

_____

Commissioner.

205

JOSE. R. MURDOCK, PRESIDENT AND MANAGER J. WILL. KNIGHT, VICE-PRESIDENT R. J. MURDOCK, SECR. RY-TREASURER

DIRECTORS:
JOSEPH R. MURDOCK
J. WILLIAM KNIGHT
FRANCIS W. KIRKHAM
STEPHEN L. CHIPMAN
GEORGE H. BRIMHALL
JOSEPH B. KZELER
A. J. EVANS
O. C. BEEBE
DAVID A. SMITH

Provo Reservoir Company

Provo, Utah

(Original) June 12, 1919.

T. F. Wentz, Esq.,
Water Commissioner for
Provo River,
Provo, Utah.

Dear Sir:

The Provo Reservoir Company is the owner of the following water rights in Provo River, to-wit: From Ontario Drain Tunnel, 6 second feet, from the Wright estate, balance, 4.6 second feet, from the water decreed to John D. Dixon, 2.5 second feet. Also whatever amount may be flowing into Provo River from Shingle Creek, less such water from Shingle Creek as is decreed to the Sego Irrigation Company, and the Timpanogos Irrigation Company of Wasatch County, by the tentative decree of his honor, C. W. Morse, in civil action No. 2888.

These amounts of water should be turned over the dam of the Utah Power & Light Company so that they will be available at the intake of the Provo Reservoir Company's canal at what is known as the Heiselt dam.

Please see that this is done.

Very respectfully,

PROVO RESERVOIR COMPANY

Joseph R. Murdock

President.

JRM:VA

Provo, Utah, April 21,1919.

Earnest Knight
Commissioner Wasatch Division.

Woodland, Utah.

Dear Mr. Knight:

Under separate cover I am sending you loose leafs for each diversion in your division of Provo River.

Prospects denote a very low year, and which will require a great deal of time in the distribution, I would like if you can arrange to have you take the diversions down to the road West off Heber, however, I will talk this matter over with you sometime in the near future.

Resp,

Commissioner.

Provo, Utah, Jan.12,1920.

Earnest Knight.
Com. Wasatch Div.

Woodland, Utah.

Dear Sir:-

I am enclosing herewith copy of correspondence with General Wedgwood. If you have in mind any additional information or suggestions that you desire to have considered by the Commission Drafting the Decree, regarding this matter, I wish you would kindly forward them at once.

Yours Very Truly,

_____

Commissioner.

202

C.R.1919. Case 2388.

Copy of Letter of Earnest Knight, Enclosed with Letter to E.A. Wedgwood of Jan. 12,1920.

****

12 / 8 / 19.

Woodland, Utah.

Mr. T.F.Wentz

Dear Mr. Wentz

In regard to the change in classification for the Wasatch division I think your suggestion very good, and for next year there will need to be much work done on weirs for individual ditches on this upper division, otherwise no changes to suggest.

Yours Truly

Earnest Knight.

12/8/19

Woodland Utah

Mr. T. F. Wentz

Dear Mr. Wentz

In regards to the change in classification for the Wasatch division I think your suggestion very good, and for next year there will need to be much work done on weirs for individual ditches on this upper division otherwise no changes to suggest

Yours Truly

Ernest Knight

201

C.R.1919. Case 2888.

Provo, Utah, Jan. 12,1920.

E.A.Wedgwood,
Chairman Commission
Drafting Decree.

Salt Lake City, Utah.

Dear Sir:-

In reply to your letter of Dec. 27, 1919, regarding my recommendation of proposed grouping of some of the classes of water rights in the Wasatch Division of Provo River, you are advised:

The Provo River at and above the Wasatch Dam, and to which the classes of water rights under consideration refer, almost without an exception drops from high to low water very abruptly, and the drop from the quantity to supply the First to Tenth Class rights to the quantity to supply but the First Class rights is but a matter of a few days, not to exceed one week. And the several diversion refered too extend over a distance of twenty miles, and they are taking from a stream that is daily changing.

Herein, following, the Tentative Decision Classes are refered to as "A", and the proposed Classes are refered to as "B".

The First, and the Eleventh to Seventeenth inclusive Classes of "A" are not affected by the proposed grouping.

The Second Class in "B" is made up of the Second, Third, and Fourth of "A". The total of First and Second in "A" is 256.60, and of "B" 258.31, that is there is added 1.71, which is about one-half of one per cent, which under the conditions existing is a neglagible quantity, or proportion.

Theoretically under "A" and assuming there was precisely 256.60 and this quantity should remain the same long enough to make a distribution, then the Second Class under "A" would recieve 11.41 and under this same assumption under "B" they would recieve there pro rate or 9.92,this difference is also about one-half of one per cent of the whole, and in actual operation is neglagible, that is to say in distribution the Second Class in both "A" and "B" would be maintained to there full quantity until a substantial reduction in the quantity of the river occured. These rights are high up the stream and have a particular advantage.

The total of the First to Fifth Classes inclusive of "A" is 288.98, and the total of the Sixth to Tenth Classes inclusive is 2.91 or one per cent of the whole, very much the same might be said of this grouping as in the foregoing paragraph.

It is well to observe that in the first instance the South Kamas Irrigation Company is the one THEORETICALLY affected; in the second instance the Washington Irrigation Company, and any objection to the proposed grouping should come from these companies, they are of themselves able to judge as to the adoption of the proposed grouping of classes. I have taken the precaution to write Mr. Earnest Knight, a member of the committee representing these interests, and by the way, Mr. Knight has been Assistant Commissioner on the upper Provo River for a number of years, regarding this matter, you will observe by his letter a copy of which I enclose herewith, that he is in accord with the proposed change.

As I view this matter upon mature consideration and continous experience in operation and the incident compiling of records, I think, in the interest of simplicity "of the decree and the consideration thereof", the proposed groupings should be adopted. I make this statement on first hand information in connection with Mr. Knight,-- the advantages gained are worth while, and no party in actual distribution will be materially affected.

Very Resp. Submitted,

F.R.Mack

Commissioner.

200

E. A. WEDGWOOD ALONZO BLAIR IRVINE SAM D. THURMAN

Wedgwood, Irvine & Thurman
Attorneys and Counsellors at Law
SUITE 1401 WALKER BANK BUILDING
Salt Lake City, Utah

December 27, 1919.

Mr. Frank Wentz,
Provo,
U t a h.

Dear Sir:

Some time ago you sent up a suggestion in regard to grouping the Wasatch sixteen different class rights under much fewer heads. If this were done would it make any difference as to quantity received by anybody in the actual distribution of water and if it would what would be that difference?

Kindly give me this information at such length as you deem best so that your letter will be an explanation that I may use in discussing the matter with the other commissioners.

It is evident that if the number of classes can be reduced that after the distribution it simplifies the face of the decree and the consideration thereof.

Yours very truly,

EAW-P

E. A. Wedgwood

199

Provo, Utah, Dec. 9,1919.

H.L.Stoner,
Engineer Utah Power & Light Company.

Salt Lake City, Utah.

Dear Sir:-

In reply to your telephone of this date regarding the order of the Court of June 16, 1919, of which a copy is hereto attached and marked Exhibit "C", I advise you as follows:-

Under date of June 13th, 1919, the Provo Reservoir Company, made request,(See copy attached hereto and marked exhibit "A") that the waters owned by them and flowing to Provo River in and above Provo Canyon be turned over the diversion dam of the Utah Power & Light Company.

Under date of June 13, 1919, the commissioner advised them (See copy attached hereto marked exhibit "B") to apply to the Court for an order of direction to the commissioner.

On June 16,1919, after hearing the testimony and argument of counsel the Court made the order as refered to as exhibit "C". And at this hearing the right to the water passing the Utah Power & Light Company dam was raised, and the Court gave the parties an opportunity to go into this phase of the case, which was done on Oct.8-9,1919, and Dec. 6,1919. On the latter date upon motion of counsel the case was closed except the submission of briefs. I have procured,to-day, copies of the briefs of both parties, and I find no mention or request for a modification of the order of June 16,1919.

The last paragraph of the said order makes it continous until the further order of the Court, and I think this was done to enable the Court to dispose of all these matters at one time. And in writing the decree some such provision will probably be made. Your idea"that the order was merely an administrative and temporary provision, and this question can be raised from year to year",-I think is wrong. As I view it, the order of June 16,1919, is subject to the order of the Court to the time when the respective rights of the Provo Reservoir Company and the Utah Power & Light Company are determined.

The parties have not contended for a change of the order, nor raised an objection to its merits, in either of the sessions of court,or by briefs,therefore it appears that the order will be final, and in substance included in the decree.

Resp.

T. F. Wenz

Commissioner.

"Copy"
Exhibit "A".

Provo, Utah, June 12,1919.

T.F.Wentz, Esq.,
Water Commissioner for
Provo River,
Provo, Utah.

Dear Sir:

The Provo Reservoir Company is the owner of the following water rights in Provo River, to-wit; From Ontario Drain Tunnel, 6 second feet, from Wright Estate, balance 4.6 second feet, from the water decreed to John D. Dixon, 2.5 second feet. Also whatever amount may be flowing into Provo River from Shingle Creek, less such water from Shingle Creek as is decreed to the Sego Irrigation Company, and the Timpanogus Irrigation Company of Wasatch County, by the tentative decree of his honor, C.W.Morse, in civil action No. 2888.

These amounts of water should be turned over the dam of the Utah Power & Light Company so that they will be available at the intake of the Provo Reservoir Company's canal at what is known as the Heiselt dam.

Please see that this is done.

Very Respectfully,

PROVO RESERVOIR COMPANY.

Joseph R.Murdock

President.

****

Copy
"Exhibit "B"

Provo, Utah, June 13, 1919.

Provo Reservoir Company.

Provo, Utah.

Gentlemen:-

Confirming my telephone of this a.m. in reply to your favor of the 12th inst. you are advised;

This matter is properly determinable by the Court, and you may make application to Judge Morse for an order of direction to the Commissioner.

Resp.

T.F.Wentz.

Commissioner.

Provo, Utah, Jan.16,~~1919~~. 1920.

Wasatch Irrigation Company.

Heber City, Utah.

Gentlemen:-

Enclosed herewith I hand you copy of" SUMMARY OF STORAGE WATER 1919". I will be please to furnish you copies of such additional information as you may request.

Yours Very Truly,

Commissioner.

Provo, Utah, Jan. 16,1920

Timpanogus Irrigation Co.

Heber City, Utah.

Gentlemen:-

Enclosed herewith I hand you copy of " SUMMARY OF STORAGE WATER 1919". I will be pleased to furnish you with such additional information as you may request.

Yours Very Truly,

Commissioner.

196

C.R.1919. Case 2888.

Provo, Utah, Jan. 17,1920.

E.A.Wedgwood,
Chairman Commission
Drafting Decree.

Salt Lake City, Utah.

Dear Sir:

In reply to your enquiry relative to the sources of supply and more definite discription of the water rights enumerated in paragraph 47 of the Tentative Decision, I submit the following:-

47. That pursuant to the terms of a stipulation presented and filed and the evidence introduced, the following named parties are entitled to, and are herein awarded water and the right to the use thereof, for the number of acres of land and the particular land herein designated, to the quantity of one second foot per sixty acres of land, and said water to be diverted through and from the ditches or channels as indicated:

Frederick J.Remund for 8 acres of land in the South-west 1/4, sec.24, Tp. 3 S., R. 4 E., S.L.M. From Provo River through and from the Phil Smith Ditch.

Philip L.Ford for 45 acres of land in the Southeast 1/4 and Southwest 1/4 sec.24, Tp. 3 S., R. 4 E., S.L.M. From Provo River through and from the Phil Smith Ditch.

Frederick J.Remund for 18 acres of land in the southwest 1/4 sec. 24, tp. 3 S., R. 4 E., S.L.M. From Provo River through and from the Phil Smith Slough.

Joseph Abegglen for 5 acres of land in the northwest 1/4 sec.25, tp. 3 S., R. 4 E., S.L.M. From Provo River through and from the Phil Smith Slough.

Anna Elizabeth Abegglen as successor to Ulrich Abegglen, for 4 acres of land in the northwest 1/4 sec. 25, tp. 3 S., R. 4 E., S.L.M. From Provo River through and from the Phil Smith Slough.

Joseph Abegglen for 10 acres of land in the northwest 1/4 of sec. 25, tp, 3 S., R. 4 E., S.L.M. From Provo River through and from the Abegglen Ditch.

J.E.Petersen for 8 acres of land in the southwest 1/4 sec. 25, tp. 3 S., R. 4 E., S.L.M. From Provo River through and from the Mitchel Ditch.

Chris Mitchel for 40 acres of land in the northwest 1/4 section 25,tp. 3 S.,R. 4 E., S.L.M. From Provo River through and from the Mitchel Ditch.

Felix Martin for 30 acres of land in the Southwest 1/4 section 25, and southest 1/4 section 26, tp. 3 S., R. 4 E., S.L.M. From Provo River through and from the Mitchel Ditch.

John U.Bulher for 15 acres of land in the southwest 1/4 section 25, tp. 3 S., R. 4 E., S.L.M. From Provo River through and from the Mitchel Ditch.

Jesse R.Nelson for 23 acres of land in northwest 1/4 sec.1, tp. 4 S., R. 4 E., S.L.M. From Provo River ~~from~~ through and from the Nelson Ditch.

Jesse Nelson Jr. for 20 acres of land in the southeast 1/4 section 2, tp. 4 S., R.4 E., S.L.M. From Provo River through and from the Nelson Ditch.

George Nelson for 20 acres of land in the southeast 1/4 section 2, tp. 4 S., R. 4 E., S.L.M. From Provo River through and from the Nelson Ditch.

Alfred L.Alder, W.W.Alder, and James T.Alder, jointly and undivided, for 20.5 acres of land in the southeast 1/4 section 2, tp. 4 S., R. 4 E., S.L.M. From Provo River through and from the Nelson Ditch.

Alonzo A.Hicken for 10.98 acres of land in the southeast 1/4 section 2, tp. 4 S., R. 4 E., S.L.M. From Provo River through and from the River Slough.

Ermina C.Cummins, Lavina E.Murdock, William T.Averett, Addison Averett, Joseph D.Averett, John H.Averett, Edna Murdock, Leona Bonner, and Eustachia Averett, heirs at law of William Averett, deceased, successors to the interest of said William Averett, deceased, jointly and undivided, for 10.2 acres of land in the southeast 1/4 section 2 and northeast 1/4 section 11, tp. 4 S., R. 4 E., S.L.M. ~~Of waters~~ Of drainage, seepage, and spring water, as now and has existed, that arises on lands adjacent to and above said described tract of land.

William H.Winterton for 17.75 acres of land in the northeast 1/4 and northwest 1/4 section 11, tp. 4 S., R.4 E., S.L.M. From Provo River through and from Meaks Bottom Slough.

Hyrum S.Winterton for 12.5 acres of land in the northwest 1/4 section 11, tp. 4 S., R. 4 E., S.L.M. From Spring Creek, a tributary of Provo River, through ~~the~~ and from the Charleston- Midway Spring Creek Ditch.

Joseph E.Hanks, administrator of the estate of Mrs. E.L.Hanks, deceased, for 5.85 acres of land in the southwest 1/4 section 11, tp. 4 S., R.4 E., S.L.M. From Spring Creek, a tributary of Provo River, through and from the Charleston-Midway Spring Creek Ditch.

William Winterton for 3.75 acres of land in the southwest 1/4 section 11, tp. 4 S., R. 4 E., S.L.M. From Spring Creek, a tributary of Provo River, through and from the Charleston-Midway Spring Creek Ditch.

John B.Fowers for 5.00 acres of land in the southeast 1/4 section 10, tp. 4 S., R.4 E., S.L.M. From Spring Creek, a tributary of Provo River, through and from the Charleston-Midway Spring Creek Ditch.

George H.Edwards for 27 acres of land in the south half section 10 and the northest 1/4 section 15, tp. 4 S., R. 4 E., S.L.M. From Spring Creek, a tributary of Provo River, through and from the Charleston-Midway Spring Creek Ditch.

Joseph S.Wright for 15 acres of land in the southeast 1/4 section 10 and southwest 1/4 section 11, tp. 4 S., R. 4 E., S.L.M. From Spring Creek, a tributary of Provo River, through and from the Charleston-Midway Spring Creek Ditch.

E.L.Brown for 10.00 acres of land in the southeast 1/4 section 10, tp. 4 S., R. 4 E., S.L.M. From Spring Creek, a tributary of Provo River, through and from the Charleston-Midway Spring Creek Ditch.

Ellen C.Wright for 28.00 acres of land in the southeast 1/4 section 10 and southwest 1/4 section 11, tp. 4 S., R. 4 E., S.L.M. From Spring Creek, a tributary of Provo River, through and from the Charleston-Midway Spring Creek Ditch.

Dermont Huffacker, administrator of the estate of D.S.Huffacker, deceased, for 15.00 acres of land in the southeast 1/4 section 10, tp 4 S., R. 4 E., S.L.M. From Spring Creek, a tributary of Provo River, through and from the Charleston-Midway Spring Creek Ditch.

W.D.Wright for 22.50 acres of land in the southeast 1/4 section 10, tp. 4 S., R. 4 E., S.L.M. From Spring Creek, a tributary of Provo River, through and from the Charleston-Midway Spring Creek Ditch.

Hyrum Winterton for 9.00 acres of land in the southwest 1/4 section 11, tp. 4 S., R. 4 E., S.L.M. From Spring Creek, a tributary of Provo River, through and from the Charleston-Midway Spring Creek Ditch.

Thomas Winterton for 18.00 acres of land in the southeast 1/4 section 10, tp. 4 S., R. 4 E., S.L.M. From Spring Creek, a tributary of Provo River, through and from the Charleston-Midway Spring Creek Ditch.

William N.Casper for 15.00 acres of land in the southwest 1/4 section 1 and the southeast 1/4 section 2, tp. 4 S., R. 4 E., S.L.M. From Provo River through and from ~~the~~ a slough.~~from~~

William Winterton for 5.50 acres of land in the southwest 1/4 section 11, tp. 4 S., R. 4 E., S.L.M. From "Upper Springs" and through the Charleston Lower Canal, that issue on said land and are now intercepted by said canal.

William Winterton for 17.58 acres of land in the southwest 1/4 section 11, tp. 4 S., R. 4 E., S.L.M. From "Second Group of Springs" that issue on said land and below the Charleston Lower Canal. Also the right to the use of said water for two Fish Ponds located on said ~~[illegible]~~ land, for the purposes of fish culture.

William H.Winterton for 9.00 acres of land in the southwest 1/4 section 11, tp. 4 S., R.4 E., S.L.M. From "Third Group of Springs" that issue on said land and below the Charleston Lower Canal. Also the right to the use of said water for two Fish Ponds located on said land, for the purposes of fish culture.

(Note: In decision you will note a paragraph for William Winterton and William H.Winterton for four fish ponds,-- I have included this in the two paragraphs above.)

John W.Stubbs, successor to the interest of the estate of John Fowers, deceased, for 8.50 acres of land in the northeast 1/4 section 15, tp. 4 S., R. 4 E., S.L.M. From springs and conveyed to said land through the River Ditch.

P.W.Edwards for 3.50 acres of land in the northeast 1/4 section 15, tp 4 S., R. 4 E., S.L.M. From Springs and conveyed to said land through the River Ditch.

John W.Stubbs, successor to the interest of the estate of John Fowers, deceased, for 2.50 acres of land in the northeast 1/4 section 15, tp. 4 S., R. 4 E., S.L.M. From the Brown Slough, a tributary of Provo River.

P.W.Edwards, for 2.70 acres of land in the northeast 1/4 section 15, tp. 4 S., R. 4 E., S.L.M. From Springer and Tate Springs, tributaries of Provo river, and through a private ditch to said land.

P.W.Edwards, for 27.20 acres of land in the northwest 1/4 section 15, tp. 4 S., R. 4 E., S.L.M. From waters of Bonner Slough and Soldier Hollow, tributaries of Provo River.

George H.Edwards, for 10.00 acresof land in the northeast 1/4 section 15, tp. 4 S., R. 4 E., S.L.M. From waters of Bonner Slough and Soldier Hollow, tributaries of Provo River.

W.D.Wright for 28.00 acres of land in the south-half of section 10, tp. 4 S., R. 4 E., S.L.M. Of waters of Bonner Slough and Soldier Hollow, tributaries of Provo River.

George H.Edwards for 5.00 acres of land in the northeast 1/4 section 15, tp. 4 S., R. 4 E., S.L.M. Of drainage, seepage, and spring water, as now and has existed, and flowing to the ~~[illegible]~~ said lands through and from the North Drain Ditch, a tributary of Provo River.

John B.Fowers, for 2.91 acres of land in the northeast 1/4 section 10, tp. 4 S., R. 4 E., S.L.M. Of the waters of Wootten Springs, a tributary of Provo River.

George H.Edwards for 14.00 acres of land in the east-half of section 10, Tp. 4 S., R. 4 E., S.L.M. Of the waters of "Tate Upper Springs", tribut- of Provo River.

John W.Stubbs, successor to the interest of the estate of John Fowers, deceased, for 28.00 acres of land in the northeast 1/4 section 15, tp. 4 S., R. 4E., S.L.M. Of the waters of Fowers Springs, a tributary of Provo River.

E.W.Edwards for 56.00 acres of land in the north-half os section 15, tp. 4 S., R. 4 E., S.L.M. Of the waters of Fowers Springs, a tributary of Provo River.

Earl Stringfellow, successor to the interest of John O.Edwards, for 10.00 acres of land in the Northeast 1/4 section 15, tp. 4 S., R. ~~4~~ 4, E., S.L.M. Of the waters of Fowers Springs , atributary of Provo River. ALSO; For 18.13 acres of land in the northeast quarter of section 15, tp. 4 S., R. 4 E., S.L.M. Of the waters of the W.D.Wright Springs, a tributary of Provo River.

Joseph S.Wright, successor to the rights of Joseph R.Murdock, for 23.22 acres of land in the in the south-half of section 15, tp. 4 S., R. 4 E., S.L.M. Of the waters of the W.D.Wright Springs, a tributary of Provo River.

Emma Kummer Bond, Admrx. of the estate of John Kummer, deceased, for 6.00 acres of land in the southwest 1/4 section 2, tp. 4 S., R.4 E., S.L.M. Fromn Snake Creek and through the Midway Lower Town Ditch.

George R.Carlile, for 20 acres of land on the West side of Provo River, in the Northeast 1/4 section 11, tp. 4 S., R. 4E., S.L.M. From Provo River through a slough having its source in Provo River. ALSO; for 10.00 acres of land on the East side of Provo River, in the northeast 1/4 section 11, tp. 4 S., R. 4 E., S.L.M. Of waters from springs that issue adjacent to said land.

James Casper, for 20 acres of land in the northeast 1/4 section 11, tp. 4 S.R. 4 E., S.L.M. From Provo River through and from the Hicken Slough.

J.M. Casper, for 18.00 acres of land in the north-half of section 11, tp. 4 S., R. 4 E., S.L.M. From Provo River through and from the Jack Watkins Slough.

John M.Richie, for 90.00 acres of land in the west-half of section 33, tp. 4 S., R 4 E., S.L.M. For 45.00 acres of which from a slough having its source in Provo River near the North line of said land, and 45.00 acres of which from a slough having its source in Provo River near the center of said described land.

Joseph Hatch, for 28.00 acres of land in the northeast 1/4 section 1, tp. 4 S., R. 4 E., S.L.M. Of drainage, seepage, and spring water, as now and has existed, that arises on lands adjacent to and above said described land.

Elisha Webster, for 10.00 acres of land in section 11, tp 4 S., R. 4. E., S.L.M. Of the waters of Webster Springs, that issue on said land, and of waters of Provo River through and from a slough having its source in Provo River.

William Daybell, for 28.00 acres of land in the southwest 1/4 section 22, tp. 4 S., R. 4 E., S.L.M. , said land being on what is known as the "Island". Of the waters of Creamery Spring, a tributary of Provo River.

George H.Edwards, for 17.00 acres of land in the southwest 1/4 section 22, tp. 4 S., R. 4 E., S.L.M., said land being on what is known as the "Island ". Of the waters of Creamery Spring, a tributary of Provo River.

****

I think it would simplify matters to combine a number of the foregoing paragraphs, this ,however is optional.

19 ✓ Resp. Submitted, T.F. Wentz

C.R.1919. Case 2888.

Provo, Utah, Jan. 15,1920.

E.A.Wedgwood,
Chairman Commission
Drafting Decree.

Salt Lake City, Utah.

Dear Sir:

In reply to your enquiry relative to the sources of supply of the water rights enumerated in paragraph 47 of the Tentative Decision, you are advised:

The "Phil Smith Ditch","Phil Smith Slough", "Abegglen Private Ditch", and the "Mitchel Ditch", are diversions from Provo River between the Midway Upper and Midway Lower Dams. These diversions take water from a branch of the river that heads just below the Midway Upper Dam, this branch returns to the river about two miles below the Midway Upper Dam.

The "Nelson Ditch" diverts water from the river approximately one mile below the Midway Lower Dam.

The "River Slough" is a branh of the main river.

The source of supply for Armina C.Cummings et al --"Through Drainage, seepage and springs on lands lying above said land," has no direct channel to the river, but are irrigated from springs and seepage w water from lands above. This land lies directly below the Island Ditch and between Spring Creek and the river.

The "Meeks Bottom Slough" is a branch of Provo River.

The "Charleston-Midway Spring Creek Ditch" is a diversion from Spring Creek, this diversion represents but a small portion of the creek. Spring Creek is a constant tributary to Provo River.

"William M.Casper through a slough from Provo River", this slough is a branch of the main river.

"Through Spring Branch Charleston Lower Canal from what is known as 'Upper Springs'** Second Group of Springs'** ' Third Group of Springs' *** 'Private ditches from groups of springs arising under the Charleston Lower Canal' " The Charleston Lower Canal heads from the main river and for about one-half mile follows along the river bottoms, in this distance numerous springs arise above the canal and flow into it, farther on the canal begins to ascend the bench, and below it down to the Charleston Bridge numerous springs arise and which are known as stated above "Upper Springs, Second Group of Springs".

The "River Ditch" originally diverted from river, but for many years has been supplied entirely from springs.

The"Brown Slough", "Springer-Tate Springs", "Bonner Slough and Soldier Hollow","North Drain Ditch", "Wootten Springs", "Tate Upper Springs", "Fowers Springs", "W.D.Wright Springs", are springs that are tributaries to Provo River

"Midway Lower Town Ditch"-- There appears to be an error in this name. This ditch is an individual diversion from Snake Creek, its head is a short distance above the "Snake Creek Ford", near the mouth of the canyon.

" Through a slough having its source in Provo River"--a branch of Provo River.

" From Springs arising near said land" These are springs arising near the toe of slope of bench and are intercepted to irrigate the lands,(Bottom Lands) of Mr. Carlile.

"Hicken Slough" -- a branch of Provo River.

"Jack Watkins Slough"--- a branch of Provo River.

191

The John M.Richie right diverting from the sloughs named,are each branches of Provo River.

The Joseph Hatch Right is supplied from springs and seepage, arising below the Spring Creek & Sage Brush Canal, and also from spill and waste ditch from said canal.

"Webster Spring Ditch"-- a ditch leading from the Webster Springs, which arise below the Charleston Lower Canal. And "Slough having its source in Provo River"--- a branch of the river.

" Through a slough leading from Provo River and from springs near said land on what is known as the "Island" and near the Daybell Springs." I think this quotation is in error;-- this right is all spring water, and no heading to the river.

The "Island Ditch" is a canal from the main river heading at the Midway Lower Dam.

****

I have been at a somewhat disadvantage to know to the extent you wished the sources of supply described, should you desire in addition to the foregoing, the approximate location of each, you may so advise me.

Yours Truly,

T. F. Wentz

Commissioner.

Provo, Utah, April 17,1919.

Earnest Knight
Commissioner Wasatch Division.

Kamas, Utah.

Dear Mr. Knight:

Under separate cover I am sending the following schedules for Upper Division of Provo River:

Phillips Ditch:
A.S.Carlile; John Leffler, E.B.Leffler, Hyrum Moon, William Lewis, John Swift, Mary Ann White, Roy Petersen, Frank Turnbow, Adam Duncan, Marshall Leffler, Amous McNeil, Christene Fraughton, Fred, A. Petersen, Mary A.White, Henry Bisel, and William Moon.

Stewart Ranch Ditch, James Duncan, Ditch, Upper Moon Ditch, Nephi & William Moon Ditch, Fitzgerald & Hardman Ditch, Webb Ditch: Stewart Ranch Co., James Duncan, S.A.Petersen, Hyrum Moon, William Lewis, Mary Ann White, William Moon, John Leffler, Fred A.Petersen, I.M.Fitzgerald, George R.Hardman, R.R.Fitzgerald, and B.F.Fitzgerald.

Larsen & Cutler Ditch:
Martha E.McNeil, Julia Potts, Chas. L.Gines, R.R.Fitzgerald, R.W.Barnes, Samuel Gines Jr., Edwin L.Murphy, James Leffler, Mary E. Pace, and Earnest H.Horton.

Turnbow and Gines Ditch:
Samuel Gines Sr., Ellen Gines, and M.O.Turnbow.

Prescott, Lemon, Best, Berg, Walker, and Lowery Ditches:
James Prescott, William Lemon, William L.Prescott, John D.F.Bradshaw, James Baird, John L.Berg, U.P.&.L.Co., and Thos. and Samuel Lawry.

Larsen, Larse, Bates, Davis, Morris, Jordan, and Hatch Ditches:
Ola W.Larsen, Rasmus Larsen, Jack Bates, Mary Davis, Joseph Morris, George B.Jordan, and Edwin Hatch.

You will observe the head for the Stewart Ranch Ditches and others is 4.385 c.f.s., in the schedule of 1918, the Stewart Ranch Co. was given the full head of the combined flow of the users listed, and the other parties were given about one half the head and double the time, I acknowledge your reccommendation that this system should be continued, but after careful consideration I am of the opinion that each of these parties should use the whole head, and I have so made the schedule. At least I think these people shoud try this system, and if not desirable I will be glad to make the change.

I observe under the 1918 schedule the Ether Webb property of 50 acres was given 4 days 21 hours and 20 minutes to irrigate this land, on the face of it, it looks like a waste of time and water, and the Mary Ann White property of 24 acres was given a duration of time of 2 days 8 hours and 35 minutes, this appears also as unpractical.

Under the 1919 schedule you will observe more than an hour to each acre is given useing a head when the river will supply the full quantity of Class One rights of 4.385 c.f.s., this appears to me to be the practical solution for the irrigation of this land. I understand from you the ditches will not carry an amount greater than 2-3 c.f.s., and considering the question from this angle, I think these people can well afford to take time to enlarge the laterals and save the almost continous time of irrigating with a small stream, and also considering the prospects of a very short period of highwater it is necessary that the ditches be made of sufficient capacity to fully saturate the land under them.

Before passing upon this question finally I will be pleased to go over the land in question with you.

Resp

189

Provo, Utah, Sept. 15, 1919.

H.L.Stoner, Engr. Utah Power & Light Co.

Salt Lake City, Utah.

Dear Sir:-

In response to your telephone of this a.m., requesting a tabulation of the quantity of water of the Ontario Drain Tunnel delivered to the Provo Reservoir Company during this season; I submit the following:-

In the distribution of water to June 26, the discharge of the Ontario Tunnel was assumed at 18.50 c.f.s., of which 5.5 c.f.s. was delivered to Midway Irrigation Co., and the balance to Provo Reservoir Co.

" Storage & Tunnel Water:- Provo Res. Storage 28.80; Sego Storage 2.88; Tunnel water to Provo Res. Co. 13.00; ****" (Copied from sheet of distribution of Utah Valley June 24, 1919.)

June 26, Measurement of Tunnel water as follows:
Ontario Drain Tunnel 516 p. Ght. 1.60 15.67 C.F.S. (Measured at station near Mouth of Tunnel by Wentz and Bond) Of which 10.17 was turned by the Wasatch Dam.

June 29, The distribution of water in the Utah valley was made upon a pro rate of 75 per cent basis, of natural flow as follows:
*****

w***** Calculated on 75% of Decreed Rights

Provo Res. Co. Rights		
Tunnel 10.17		10.17
Storage 28.80+ 2.25		31.05
Wright		4.00
Dixon 75% Of 2.50		1.87
Blue Cliff 75% of 50		37.50
		84.59
16cfs thru ProvoB.		16.
		68.59

*******" (Copied from Notes of 6-29)

June 30, Distribution to Provo Res. Co. 10.17 cfs. was allowed for Tunnel Water.

During the Month of July the Provo Res. Co was allowed 10.17 cfs. for Ontario Tunnel Water

On August 4th the Tunnel water was measured as follows:

Ontario Tunnel 200p 164 Ght. 16.02 Cfs. Discharge.

From August 4th to September 9th 10.52 cfs. was allowed to Provo Res. Co. as Tunnel Water.

~~From~~
On September 9th the Tunnel water was measured as follows:

Ontario Tunnel 318p 164 ght. 15.47 cfs. discharge.

From September 9th to the present 9.97 cfs. has been allowed to Provo Reservoir Co. as Tunnel water.

Of the total quantity of water from the Ontario Drain Tunnel, 5.50 cfs. is given to The Midway Irrigation Co, and one-hlf of the balance to the Provo Reservoir Company over the Dam of the Utah Power & Light Co., and the other one-half of the balance passing the Wasatch Dam is given to the Provo Reservoir Company subject to the power use of the Utah Power and Light Co., That is, the Provo Reservoir Co. are entitled to use one-half over the Olmstead Plant Dam, and one-half from the tailrace.

Made copy of 2 copies

Resp. Submitted,

P. F. Wentz
Com'r

188

Provo, Utah, Sept. 20,1919.

Frank J.Safley

S.A.General Land Office.

Salt Lake City, Utah.

Dear Sir:

You are advised I have to-day filed with the U.S.G.S. Water Resourcs Branch one copy of "Commissioners Special Report 1918.

Resp.

_____

Commissioner.

187

Provo, Utah, Nov.22,1919.

Wm. Story, Att'y UP&L.CO.

Salt Lake City, Utah.

Dear Sir:-

Complying with your verbal request, I am sending by express, the Commissioners Report for 1915, in Case 2888. You will observe this is the original from the files.

Resp.

_____

Commissioner.

186

Provo,Utah. Feb.13,1919.

Hon. C.W.Morse.
Special Judge Fourth District Court.

Salt Lake City,Utah.

Dear Sir:

Under seaparte cover I am sending you, copy of Commissioner's Annual Report for the year 1918.

At your convenience kindly return to me by express C.O.D.

Resp.

T.F.Wentz.

Commissioner.

185

Provo Reservoir Co. *
vs. * No. 2888 Civil.
Provo City et al *

Provo, Utah, July 9, 1919.

Hon. C. W. Morse
Special Judge Fourth District Court.

Salt Lake City, Utah.

Dear Sir:-

As explanatory of the method of distribution of Provo River in the Utah Valley, I submit the following:

I enclose a copy of to-day's sheet which shows:
1. Name of canal.
2. Time of observation.
3. Gage height.
4. Discharge in second feet at measuring station.
5. Quantity of water awarded as a Class "A" right.
6. Transmission loss in canal.
7. Total of 5 and 6, or amount of water awarded at station when the river will supply the full quantity of Class "A" rights.
8. Sixty per cent of net award, that is a pro rate of sixty per cent to each party at land.
9. Total quantity to divert, 6 plus 8, so that each party will recieve at land sixty per cent of Class "A" award - a pro rate distribution.
10. Quantity of water to add to canal to-night.
11. Quantity to reduce canal to-night.
12. At the bottom of the sheet is shown the totals.
13. And the Natural Provo River is 237.60 less the storage and tunnel water of 41.37 equals 196.23 second feet.

The Wright Ranch and Dixon water are in the Provo Division, and all parties in a division are upon the same pro rate in their classes, and this title is subjected to the same conditions as the other parties in that division. As I understand, that is the object in making divisions of a river system. This method is used as shown by the sheet.

Paragraph 68 of decision defines the method of distribution that I am following, it is especially applicable in a season like the present.

So far as I have been able, I have followed paragraph 69 of decision, and no party is or has been recieving water that was necessary to fully and completely satisfy a preceeding class.

As I view this matter of water shortage, this unusual year, -- paragraph 68 of the decision is the provision for such instances for an area devoted to permanent agriculture.

All parties are exercising economy in the use of water, and there are parts of some of the farms that will sustain a crop loss, such as alfalfa. In contrast suppose the other method of distribution was in effect, forty per cent of our land would be without water.

I am frank to say to the Court, as an advisor, that in my judgement, the present method of distribution should not be changed, that is paragraph 68 should remain as it is. At any rate the Court and Counsel should spend a day viewing the lands, and consider what the other method would have produced.

I intend to forward a copy of this letter and the daily sheet to Provo City and the Timpanogas Canal Co, and therefore make the explanations of the daily sheet.

Copy to Provo City
" " Timpanogas C.C.

Resp. Submitted,
Commissioner.

18

Provo Res. Co. *
vs. * No.2888.
Provo City et al.*

Provo, Utah, Aug. 17,1919.

Hon. C.W.Morse,

Special Judge Fourth District Court.

Salt Lake City, Utah.

Dear Sir:-

In the Case Provo Reservoir Co. vs. Provo City et al, No.2888 Civil, By the order of the Court of June 18,1919, upon the application of the Utah Power & Light Co., and the Provo Reservoir Co., Taylor Bond was appointed as Deputy Commissioner in Wasatch County.

Mr. Bond assumed his duties on June 30,1919, and has been very efficient in his work.

We are practically through drawing storage water, and conditions are so that I will be able to personnally take charge of both Utah and Wasatch Counties, and I think it advisable to discontinue the services of Mr. Bond on or about August 20th.

The order of June 20th provides: "**** which appointment shall continue in force until further order of the Court"

Upon reciept of an order of the Court I will release Mr. Bond.

Resp. Submitted,

Commissioner.

Copy to Utah Power & Light Co.
Copy to Provo Reservoir Co.

183

Address correspondence to
"Official in Charge"

Boston Building
Suite 1103

U. S. DEPARTMENT OF AGRICULTURE
WEATHER BUREAU
SALT LAKE CITY, UTAH

April 2, 1919.

Mr. T. F. Wentz,

Commissioner, Provo River,

Provo, Utah.

Dear Mr. Wentz:

I have received your interesting summary of Precipitation at Heber, and Provo, and the blue prints accompanying same, which I shall go over more carefully in a short time, in connection with other records. I thank you sincerely for this report, and will write you later.

Very truly yours,

J. Warren Alter

Meteorologist.

182

W. H. J[illegible]CE, PRESIDENT.
A. C. [illegible], VICE PRESIDENT.
JOH[illegible]LL, JR. VICE PRESIDENT.

A. W. HENDRICK, SECRETARY.
WILLARD D. ELLIS, TREASURER
LYSANDER CASSIDY, REGIS[illegible] ATTORNEY.

THE FEDERAL LAND BANK OF BERKELEY

"ADDRESS ALL COMMUNICATIONS TO THE BANK"

DISTRICT NO. 11.
—CALIFORNIA—NEVADA—UTAH—ARIZONA.—

BERKELEY, CALIFORNIA.

November 25, 1919.

Mr. T. F. Wentz,
Water Commissioner of Provo River,
Provo, Utah.

Dear Mr. Wentz:

When in Provo I brought to your office a copy of the decree of Provo River to use in gathering the data we desired from your report. It is my belief that this was left there. I had the impression Mr. Parkhill put it in his brief case and he believed the decree was one of your copies.

If you have this copy will you kindly forward it to us at your earliest convenience, and oblige,

Yours very truly,

THE FEDERAL LAND BANK OF BERKELEY,

Charles H. West

Asst. Engineer Appraiser

CHW:C

181

Provo, Utah, Nov.28,1919.

Charles H.West,

% Federal Land Bank,

Berkeley, Cal.

Dear Sir:-

Your favor of the 25th inst. recieved, you are advised a copy of the decree was left in the County Clerks Office which I have supposed is the one you refer too, I am sending same,by mail, under separate cover.

I missed my copy of data on the reservoirs,in the form of a report from Mr. Jarvis to the reservoir company, the last sheet showing the acre feet at the several gage heights, will you kindly look over your papers, and if you have the same return, after you have made your copy.

Resp.

Commissioner.

DEPARTMENT OF THE INTERIOR,

GENERAL LAND OFFICE.

Box 1236, Salt Lake City, Utah.

December 29, 1919.

Mr. T. F. Wentz,

Civil and Irrigation Engineer,

Provo, Utah.

Sir:

Regarding the amount of water stored in the system of reservoirs of the Provo Reservoir Company, I am without the data during the years 1916 and 1919 as shown by the following table. I would appreciate it if you could give me the amounts during the two years.

Storage in acre feet.

		1914	1915	1916	1917	1918	1919
Union Reservoir System		2430	1885	2375	2388	2417	2709
North Fork	"	250	186	180	250	250	
Lost Lake	"	140	229	288	230	230	474
Haystack	"	100	45	50	50	50	
		2920	2345	4953	2918	2947	3183

Also can you give me the amounts diverted from Weber River drainage since you took charge or since the diversions have been made? Of the amounts so diverted, are they the maximum amounts that can be diverted, or can they be increased by any means? Is the diversion system completed?

I am in no particular hurry for the above as I saw Judge Morse and he referred me to Mr. Ray, one of the attorneys engaged in drawing up the decree, who informed me that it might be about March 1 before the matter is settled.

This is for your own information. I have heard nothing from Mr. Murdock as yet regarding the order of the court under which the distribution of the water was made in 1918.

Thanking you for past favors, I am

Very respectfully,

F. J. Safley

Mineral Examiner, G.L.O.

RD

178

E. A. WEDGWOOD ALONZO BLAIR IRVINE SAM D. THURMAN

Wedgwood, Irvine & Thurman
Attorneys and Counsellors at Law
SUITE 1401 WALKER BANK BUILDING
Salt Lake City, Utah

June 17, 1919

Frank Wentz, Esq.,

Provo, Utah.

My Dear Wentz:-

I herewith enclose you copy of order made by Judge Morse in relation to the matter heard at yesterday's proceeding. I have mailed the original to the Clerk of the Court and as you will see, Judge Morse in his own handwriting endorsed upon the copy I send you, "Duplicate original for commissioner" and signed this endorsement. So your copy is as authentic as the original.

I drew the order in the form I did to avoid any confusion. The order requires you to do just one thing, and that is to turn Reservoir water, Shingle Creek water, Tunnel water, and Wright and Dixon water over the dam and binds the Reservoir Company and the Power Company as to that act as well as yourself.

I do not see how this can be misunderstood in any way. I have done my best to so put together words so that their meaning could not be misunderstood. I think the reason why you misunderstood the Judge yesterday was because your mind was so plastered to your own ideas that you would not give it a chance to do a little independent work or grasp the idea that the court conveyed and expressed. But as to this, you certainly were not alone for it seems to me that if it had been possible to argue the court out of the decision he made, or hopelessly bawled it up, that result wouldhave been accomplished yesterday.

Kindly drop me a note letting me know the amount of water flowing from the Snake Creek tunnel at your convenience after you get a measurement of it.

Very truly yours,

E. A. Wedgwood

EAW-W

Provo, Utah, Jan.16,1920.

F.J.Safley
Mineral Examiner G.L.O.

Salt Lake City, Utah.

Dear Sir:

In reply to your enquiry of Dec.29,1919, you are advised:

Storage Water Provo Reservoir Company:-

	1916.	1919.
Union Reservoir System	2365	2109
North Fork "	250	474
Lost Lake "	288	
Haystach "	50	
	2953	2583

I have not a complete record of the quantities diverted from the Weber System, observations have been made only at convenient times. The discharge from this source has been as high as 100 second feet and diminishes as high water recedes. The diversion system is not complete,-very little work has been done.

I am enclosing herewith copy of "Summary of Storage Water 1919", also small hydrograph of Average river 1911-1818 superimposed upon which I have shown the 1919 River, and filings.

I will be in Salt Lake on the on Jan. 24th, and can call on you if you so desire.

Very Truly,

Commissioner.

P.S. I also enclose herewith copy Provo Reservoir Company Canal discharge, and quantity of Provo Reservoir Company Water taken through the Provo Bench Canal. Also enclose copy of Summary of Provo River 1919.

176

Heber Utah, Oct 30, 19.

Mr. Frank Wentz,
Water Commissioner Provo River,
Provo, Utah.

Dear Mr. Wentz.

The farmers of our valley have organized a farm loan association in our County. In making an appraisement on the land, the most important consideration is the water right thereto. We, of course, desire as high an appraisement as we can consistently get as the loan is based upon same. The Federal Appraiser wrote me that he had to reduce his recommendation of a loan, because when he reached Provo, he found that the Timpanogas water was in the seventeenth class except for some reservoir water which amounted to twelve second feet for thirty days. Is he right? I would certainly appreciate an answer and any information you may give me about the amount of water of Timpanogas.

Sincerely, Henry Moulton.

175

W. H. JO[illegible]E, PRESIDENT.
A. C. K[illegible] VICE PRESIDENT.
JOHN [illegible]L, JR. VICE PRESIDENT.

A. W. HENDRICK, SECRETARY
WILLARD D. ELLIS, TREASURER
LYSANDER CASSIDY, REGIST[illegible] ATTORNEY.

THE FEDERAL LAND BANK OF BERKELEY

"ADDRESS ALL COMMUNICATIONS TO THE BANK"

DISTRICT NO. 11.
—CALIFORNIA—NEVADA—UTAH—ARIZONA.—

BERKELEY, CALIFORNIA.

Provo, Utah,
Nov. 7, 1917

FROM W. R. Parkhill, Eng'r. Appraiser,
TO Fe eral Land Bank of Berkeley
SUBJ. Timpanogas Irrigation Co., Water Supply.

Refer to your letter of Nov. 3, 1917 re Application # 17951.

There is transmitted herewith copies of the correspondence between Mr. Henry Moulton, Sec'y of the Wasatch Association, and Mr. T. F. Wentz, Water Commisioner on the Provo River on this subject. We are greatly indebted to Mr. Wentz for this report and for a great amount of other data relating to the entire Provo River Basin which he has made available to us in his office which I have just completed gathering. Mr. Wentz's report on the Timpanogus Irrigation Co. is very comprehensive and I will add only comments from my observations on the ground and such further computations as are necessary to define the water supply according to our standards.

Refer to pp 2 and 3 of Mr. Wentz report. He has outlined the limits of time and quantity of the natural flow of Provo River obtained by this company's canal during the past five years as well as the amount of storage water obtained after the natural flow supply is gone. With the detailed notes supplied by Mr. Wentz I have made the following computation showing the supply obtained during the past five years;

Timpanogas Irrigation Company
Water supply obtained, 1915 - 1919
Acreage irrigated, 2000.

Year	Amounts in sec. ft. natural flow	Direct flow Acre Feet	Storage Acre Feet	Total Acre Ft	Avail. per A
1915	57.5-40.0 to July 1	4,390.	1,154	5,544	2.77
1916	59.0-51.0 to July 7	7,470.	1,235	8,705	4.35
1917	62.7-55.0 to July 22	6,900.	2,005	8,905	4.45
1918	61.8-58.0 to July 1	8,465.	1,303	9,768	4.88
1919	61.1-58.0 to July 1	5,830.	1,287	7,117	3.55
	Total	33,055.	6,984	40,039	20.00
	Average	6,611.	1,395	8,008	4.00

The above table shows that an average supply of four acre feet per acre has been obtained during the past five years. While this appears an ample supply so far as quantity is concerned the natural flow lasts normally to the first week in July, and after this time the storage water furnishes about one irrigation for the second crop of hay

174

On July 12th., 1917 ten laterals using Timpanogas water were measured showing a loss of 16.8% in the Main Canal above these laterals. Mr. Wentz informs me that a large portion of this loss occurred in a large rock cut which has since been concrete lined. For this study a loss of 10% in the Main Canal and 5% in Laterals will be assumed or a total of 15% before the land is reached.

It is understood that one thousand acres are yet to be brought under this canal or a total of three thousand acres which will require a supply when the canal is completed to its ultimate capacity of ninety second feet. This work is being done at the present time, as referred to by Mr. Wentz in his report. This will give ample capacity to serve three thousand acres.

The reservoirs under the Union Reservoir Company are being developed rapidly to a capacity of eight thousand five hundred acre feet (8,500) of which the Timpanogas Irrigation Company's share is one fourth or two thousand one hundred twenty five (2,125) acre feet.

The future available supply for three thousand (3,000) acres may then be estimated as follows:

From direct natural flow to July 10.....	6,600 Ac.Ft.
From future available storage(Less losses)	2,000 Ac.Ft.
Total supply at diversion	8,600 Ac.Ft.
Supply in Ac.Ft. per acre (3,000 Ac)	2.87
Supply available on land (15% loss)	2.44

The computation made above is on the basis of the natural flow obtained during the past five years when the diversion possibilities were limited to a maximum of about sixty two second feet and only two thousand (2,000) acres being irriagted. With the enlarged capacity and the total decreed right of seventy five (75) second feet the Company will be able to obtain a somewhat larger quantity of natural flow. In this connection while the Company's rights are fourteenth, sixteenth, and seventeenth class rights the normal high stage of the river supplies these rights practically as long as the earlier rights with the exception of the First Class.

With the conditions outlined as above under normal conditions this company should be able to deliver from 2.5 to 3.0 acre feet of water to each acre of land under the canal even when the development reaches the limit of 3,000 acres. As far as the quantity of water obtainable is concerned this might be given a Class I water supply, but since the available storage supply will give only one good irrigation after the first week in July it should be given not better than a good Class II supply.

This company's lands are all above the river bottom and have good natural drainage. The basis of organization of the company is one share to the acre.

W. R. Parkhill
Engineer Appraiser.

173

Provo City, Utah, Oct. 31, 1919.

Henry Moulton,

Heber City, Utah,

Dear Sir:

Your enquiry of the 30th inst. recieved and contents noted, in reply you are advised:

From your letter it appears that the Federal Appraiser has been misinformed, or has confused the rights of the Timpanogus Irrigation Company of Wasatch County, with the rights of The Timpanogus Canal Company of Utah County, such a condition is the apparent cause of his adverse recommendation. And in order that the Department may be set right in this matter, I list the water rights of each company below, with such explanations as I think are necessary.

THE TIMPANOGUS IRRIGATION COMPANY:

The Timpanogus Irrigation Company is a Utah Corporation composed of land owners near Heber City, Wasatch County, Utah. It is engaged in supplying to its stockholders the Natural flow of Provo River and storage waters.

The canal heads about four miles North of Heber City, and runs in a Southeasterly direction, and irrigating the lands east and south-east of Heber City.

The direct source of supply is Provo River. During each year to about July 1, this company diverts from the natural flow of Provo River waters to which it is entitled as awarded in the District Court, and after about July 1, of each year, or when the natural flow of Provo River has receded to a quntity to only supply prior rights, then the Timpanogus Irrigation Company releases from its storage reservoirs its impounded water and comingles the same with the waters of Provo River and recaptures it at its canal heading.

The Timpanogus Irrigation Co. Canal, in its beginging was an open ditch throughout its length, later the Heber Light & Power Co. constructed a timber flume upon the line of canal for about one mile down from the head, and built and operated a power plant at the lower end of the flume. During the time of operation of the power plant the waters of the irrigation company were passed through the flume and returned to the old earth section of canal at the pressure box of the power plant. Since the irrigation season of 1919 the power company has removed the timber flume, and immediately thereafter the irrigation company began placing the old canal in shape, and making a conduit ten feet wide in the bottom, three and one-half foot bank in height, on a grade of approximately one-tenth per cent. This construction is intended to be completed for the season of 1920.

The Provo Reservoir Company, in the year 1914, brought suit in the District Court of Utah County, to define its rights and the rights of all other claimants to the use of the waters of Provo River. Unlike the other litigations on this system, every water user from the head of the river to Utah Lake was made a party. This is the first litigation that has been made on the basis of the physical and legal unity of the stream from its head to its mouth. In this case the Court has awarded to the Timpanogus Irrigation Company the following water rights:

172

a. A fourteenth Class Right of 33.33 second feet for the irrigation of 2000 acres of land. This is natural flow of Provo River. The total of the thirteen Classes preceding is 319.13 second feet, and the total of the fourteenth class is 64.00 second feet. That is when the waters of Provo River in the Wasatch Division are 319.13 + 64.00 second the Timpanogus Irrigation Company is entitled ~~to~~ as a fourteenth class right to 33.33 second feet, and when there is not sufficient water to supply all of the fourteenth class, then the Timpanogus Irrigation Co. is entitled of said fourteenth class 33.33/64 of the quantity present in said class.

b. A sixteenth class right of 16.67 second feet for the irrigation of 1000 acres of land. This is also natural flow of Provo River. The total of the fifteen classes preceding is 383.13 second feet, and there is in class sixteen 21.02 second feet.

c. A seventeenth class right of 25.00 second feet, making a total of 75.00 second feet, and providing one second foot for each forty acres of land.

d. The Timpanogus Irrigation Company owns a one-fourth interest in the Union Reservoirs, and during the season of 1919 drew from this source 1287 acre feet of water. During the past autumn these reservoir have been enlarged by raising the dams of Trial and Wall lakes. The application to the State Engineer, specifies the total acre feet of these reservoirs when completed to be 8,500 acre feet.

Note: I am attaching hereto a list of the classes of water and the quantity in each, in the Wasatch Division of Provo River, on the right of said tabulation you will observe I have arranged a combination of some of the classes, and this arrangement is recommended to the Court, as a modification of the Decision.

Following my assumption in the begining I submit the rights of the Timpanogus Canal Company of Utah County as follows:

TIMPANOGUS CANAL COMPANY RIGHTS:

Time	Second Feet.
May 10 to June 20	14.12
June 20 to July 20	13.66
July 20 to Sept.1,	11.30
Sept. 1, to May 10,	11.30

****

In orderto more clearly set out the water actually used by the Timpanogus Irrigation Company I give a list of the water diverted durthe past five years:

1915. 57.5 to 40 Second feet of natural flow to July 1, and then drew storage water at the rate of 30 second feet to the quantity of 1154 acre feet.

1916. 59 to 51 Second feet of Natural flow to July 7, and then drew storage at 30 second feet to the quantity of 1235 acre feet.

1917. 62.72 to 55 Second feet of natural flow to July 22, and then drew storage at rate of 30 second feet to the quantity of 2005 acre feet, that is drawing 550 acre feet in excess of their part of the storage water--by consent of co-owners.

1918. 61.80 to 58 second feet of natural flow to July 1, and then drew storage at the rate of 20 second feet to July 12, and July 12-17 --35 second feet, and then 12 to 15 second feet to the quantity of 1303 acre feet.

1919. 61.10 Second feet of natural flow to June 19, then drew storage at the rate of 30 second feet to June 25, then at 27.5 second feet to the quantity of 1287 acre feet.

****

Considering the quality of land, with special reference to its water requirements, it is safe to say, at the completion of the present reconstruction of the Timpanogus Irrigation Company canal near its heading, and with a few minor repairs along its lower course, it will safely carry 75 second feet of water. And with but an occasional exception, like 1919, this quantity is available to July 1. And with the completion of the storage filings, as before noted, this project will be fully able to supply the requirements for water in the successful crop production.

I have endeavored to answer your enquiry in full, should you desire additional information, I assure you I will be pleased to submit such data as you may request.

Resp.

D. F. Wright

Commissioner.

Enc.

Duplicate.
Tabulation of Classes of Water in Wasatch Division.
Typewritten copy of enquiry of Oct.30,1919.

UNITED STATES FOOD ADMINISTRATION
FEDERAL FOOD ADMINISTRATOR FOR UTAH

PRODUCTION DIVISION

SALT LAKE CITY.

CO-OPERATING WITH
UTAH AGRICULTURAL COLLEGE
STATE COUNCIL OF DEFENSE
STATE FARM BUREAU

W. W. ARMSTRONG,
ADMINISTRATOR

J. EDWARD TAYLOR,
CHIEF OF DIVISION

July 11, 1918.

Mr. Frank Wentz,
Provo, Utah.

My dear Mr. Wentz:-

Our Mr. Taylor has brought to my attention the very earnest and conscientious support which you gave him in the matter of our appeal for the use of water from the Provo Factory Race to be used in saving the wheat crop on the bench lands.

I wish to express the gratitude of the Food Administration as well as my personal appreciation for the valuable service which you rendered.

The unselfish efforts and sacrifices which you have made in this case are splendid manifestations of the spirit of the American people and it is this spirit which is going to insure the success of the United States in the present world crisis.

If I can be of any service to you at any time, do not hesitate to command me.

Faithfully yours,

W W Armstrong

Federal Food Administrator for Utah.

WWA:ALE.

169

UTAH POWER & LIGHT COMPANY
KEARNS BUILDING
SALT LAKE CITY, UTAH

September 16, 1919.

Mr. T. F. Wentz,
Water Commissioner,
Provo, Utah.

Dear Sir:

In compliance with your telephone request we are returning to you by express prepaid one copy of the Water Commissioner's Special 1918 Report which you let Mr. Stoner have some time ago.

We wish to thank you very much for the use of this copy of the report.

Yours very truly,

MARKHAM CHEEVER, GEN'L SUPT. & CHIEF ENGINEER,

By H L Stoner

HLS-MAH

168

UTAH POWER & LIGHT COMPANY

KEARNS BUILDING

SALT LAKE CITY, UTAH

July 16th, 1919.

Mr. T. F. Wentz,
Water Commissioner,
Provo, Utah.

Dear Sir:

I am returning herewith the following papers secured at your office on July 14th:

Instructions to Commissioner dated June 16, 1919
Stipulation between Utah Power & Light Company and Provo Reservoir Company regarding Blue Cliff Right.
Transcript of Hearing on June 16, 1919
Report for Provo Reservoir Company dated June 29, 1914.
Letter from Provo Reservoir Co. dated April 28, 1919 regarding assignment of part of William Wright Estate Right.

I wish to thank you very much for the use of these papers.

Yours very truly,

MARKHAM CHEEVER, GEN'L SUPT. & CHIEF ENGINEER,

By H L Stoner

Encl.
HLS-MAH

167

UTAH POWER & LIGHT COMPANY
KEARNS BUILDING
SALT LAKE CITY, UTAH

May 20, 1919

Mr. T. F. Wentz, Water Commissioner
Provo, Utah.

Dear Sir:

In compliance with your request over the telephone today we are returning to you by express prepaid the copy of the "Water Commissioner's Special 1918 Report", which we have had since the first of the year. We wish to thank you very much for the use of the copy of the report.

Yours very truly,

MARKHAM CHEEVER, GENL. SUPT. & CHIEF ENGINEER,

By- H. L. Stoner

HLS-D.

166

UTAH POWER & LIGHT COMPANY
KEARNS BUILDING
SALT LAKE CITY, UTAH

July 3, 1919.

Mr. T. F. Wentz,
Water Commissioner,
Provo, Utah.

Dear Mr. Wentz:

Am returning herewith the copy of the stipulation regarding the water users in the Upper Provo Valley, which you let me have during the past week.

Yours truly,

MARKHAM CHEEVER, GEN'L SUPT. & CHIEF ENG.,

By H. L. Stoner
H.

HLS-MAH

Enc.

165

UTAH POWER & LIGHT COMPANY
KEARNS BUILDING
SALT LAKE CITY, UTAH

November 25, 1919

Mr. T. F. Wentz,
Water Commissioner Provo River,
Provo, Utah.

Dear Sir:

I am returning by express prepaid the copy of Commissioner's Report for the year 1915, which you recently sent to Mr. Storey. Thanking you for the trouble we have occasioned you in securing this for us, we are,

Very truly yours,

MARKHAM CHEEVER, GENL. SUPT. & CHIEF ENGINEER,

By- H. L. Stoner

HLS-D

164

Provo, Utah, Sept. 20,1919.

H.L.Stoner.

Engr. U.P.L. Co.

Salt Lake City, Utah.

Dear Sir:

You are advised I have to-day filed with the U.S.G.S., "Commissioners Special Report 1918."

Resp.

Commissioner.

163

UTAH POWER & LIGHT COMPANY

KEARNS BUILDING

SALT LAKE CITY, UTAH

November 28, 1919

Mr. T. F. Wentz,

Water Commissioner, Provo River,

Provo, Utah.

Dear Sir:

I am returning by express prepaid original notes of Commissioners Thomas and Farrar, which you sent me on November 14th.

Yours very truly,

MARKHAM CHEEVER, GEN'L SUPT. & CHIEF ENGINEER.

By H. L. Stoney

HLS-D

162

Provo, Utah, Nov.14,1919.

H.L.Stoner,
Engr. U.P.&.L.Co.

Salt Lake City, Utah.

Dear Sir:-

Complying with your phone of to-day, I have forwarded by express the original notes of Commissioner Thomas, and Commissioner Farrer.

Resp.

_____

Commissioner.

C.R.1919. Case 2888.

Provo, Utah, Jan. 17, 1920.

Joseph Frampton,
Supt. Provo Bench Canal.

Pleasant Grove, Utah.

Dear Sir:-

In reply to your phone of a few days ago, following this letter you will find table showing the quantities of water awarded to the Provo Bench Canal & Irrigation Company in the cause of Provo Reservoir Company vs. Provo City et al No. 2888.

Very Resp. Submitted,

D. F. Wentz

Commissioner.

ooooOOoooo

TABULATION SHOWING THE QUANTITIES OF WATER AWARDED TO PROVO BENCH CANAL & IRRIGATION COMPANY IN CAUSE PROVO RESERVOIR COMPANY VS PROVO CITY ET. AL. NO. 2888.

Provo Bench Canal & Irrigation Company awarded a Class "A" right to 4332.53 acres of land.

Period.	Duty per Sec. ft.	Second Feet.	Days in Period.	Acre Feet for Period.	Depth per acre For Period.
May 10-June 20,	57	76.01	41	6181	1.43-
June 20, July 20,	63	68.77	30	4092	0.94+
July 20-Sept.1,	70	61.89	42	5157	1.19
Sept. 1- Oct.1,	70	61.89	30	3684	0.85
Totals				19,114	4.41 (4.4117)

It is assumed you did not care to have table extended beyond the time shown.

oooOOooo

160

C.R. 1919. Case 2888.

THE NATURAL PROVO RIVER IN THE UTAH VALLEY THE SEASON OF 1919.

AS OBSERVED AND CORRECTED FOR STORAGE WATER, TUNNEL WATER, AND INFLOW.

Day.	April	May	June	July	August	September.
1.	651	780	786	228	169	174
2	637	884	660	227	178	218
3	584	876	613	221	179	202
4	535	876	518	217	178	249
5	526	877	486	217	181	224
6	520	928	453	206	174	212
7	465	759	454	192	185	226
8	449	687	430	196	174	223
9	411	627	412	197	181	214
10	393	659	393	187	177	209
11	399	569	382	185	176	208
12	417	522	358	177	169	210
13	442	516	317	184	168	202
14	476	568	291	186	173	202
15	413	644	293	189	171	196
16	383	710	293	190	165	211
17	392	766	288	188	165	210
18	450	815	251	190	172	213
19	490	917	273	191	179	216
20	523	919	269	185	174	216
21	545	974	268	178	173	209
22	606	976	272	177	174	208
23	669	1171	267	180	177	208
24	729	1091	266	181	177	207
25	794	1072	269	188	173	207
26	803	931	263	188	175	206
27	762	914	248	176	176	198
28	687	940	242	187	178	294
29	675	1035	244	188	173	239
30	731	1157	228	178	175	232
31	...	1017	...	178	170	
Max	803	1171	786	228	185	294
Min	383	516	228	176	165	174
Mean	552	844	360	192	174	215

Mean 390 for the six months.

Comparison 1919 Natural River to Average Natural 1911-1918.

Max.	+49	+146	-393	-316	-159	-53
Min.	-133	-96	-335	-160	-134	-130
Mean	-73	+37	-588	-203	-139	-113

For the six months is -179.

Percentage of 1919 River to Average 1911-1918 the Mean.

Mean	89	105	38	49	56	66

And for the period is 69.

Enclosed herewith is Hydrograph Average Natural Provo River 1911-1918 upon which is superimposed the 1919 Natural Provo River.

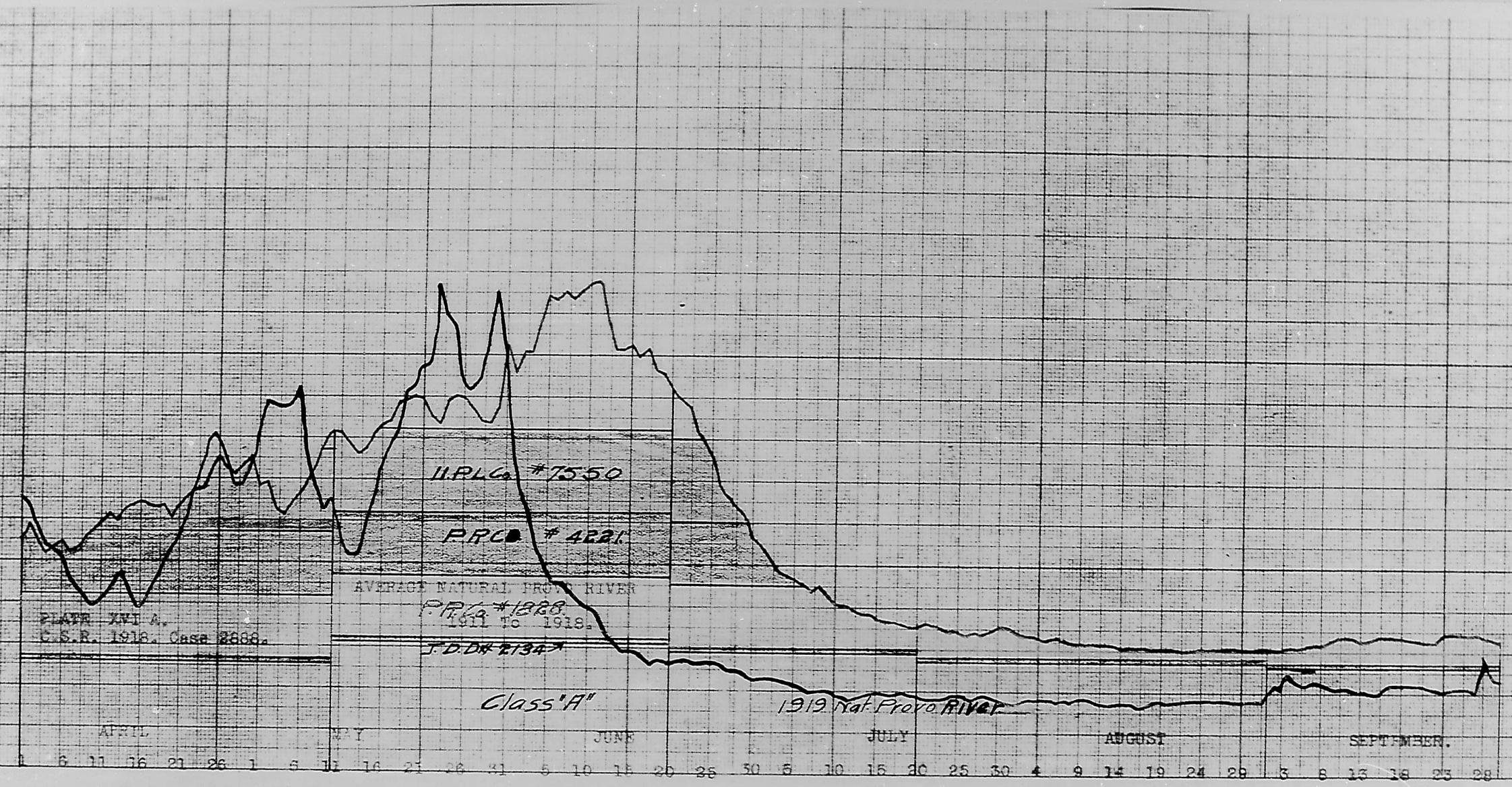
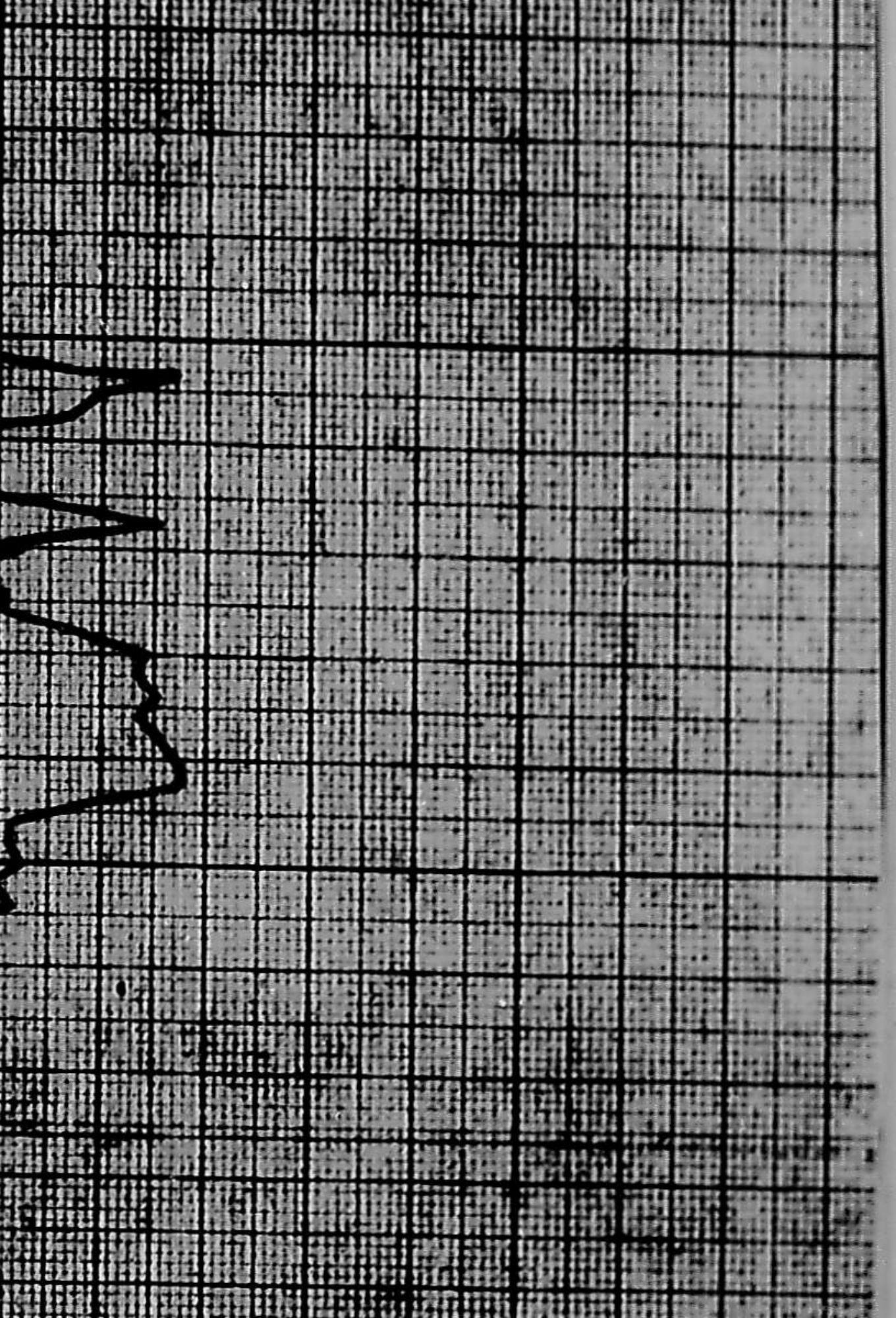
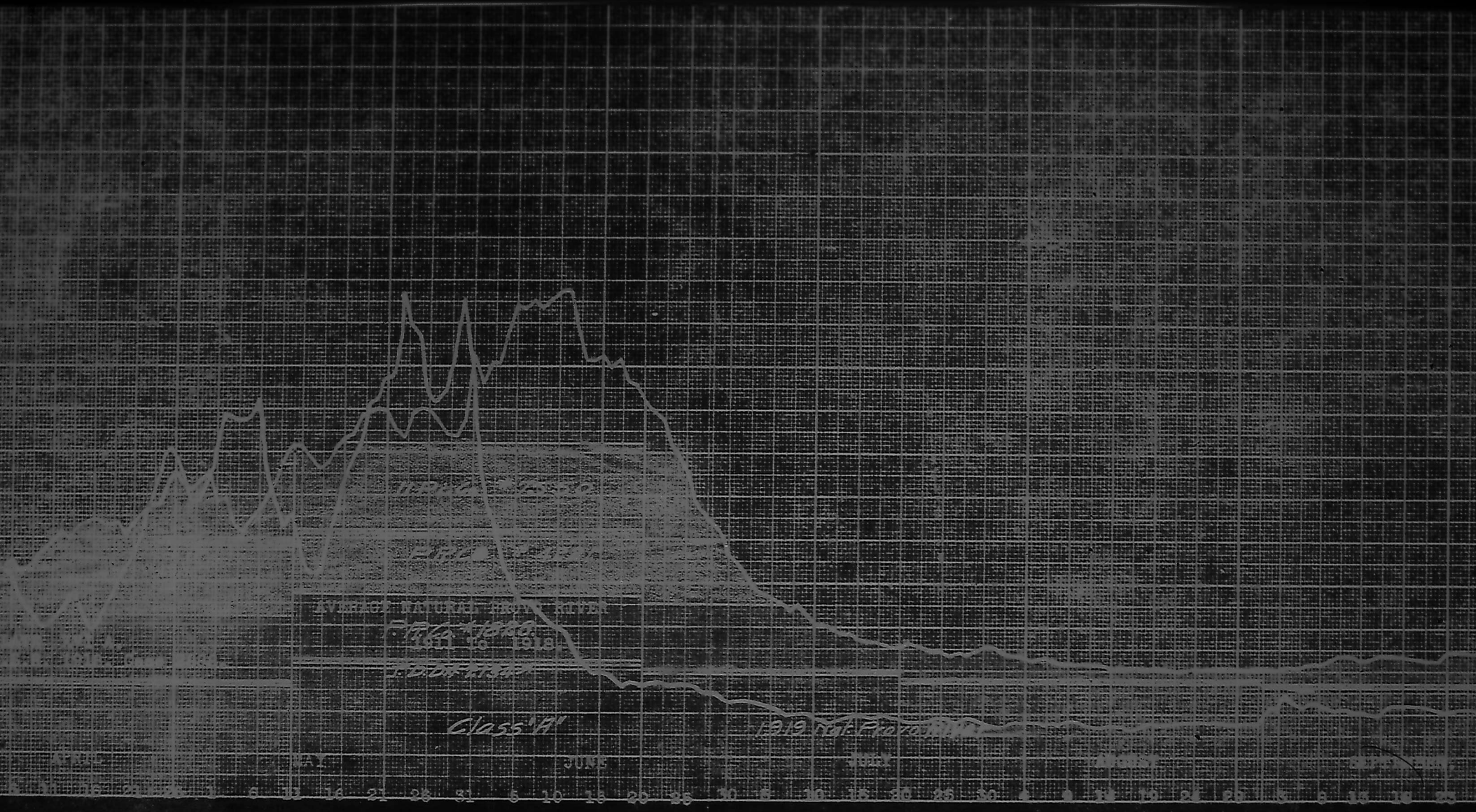


PLATE XVI A.
C.S.R. 1918. Case 2888.
U.P.L.Co. #7550
P.R.C. #4221
AVERAGE NATURAL FROM RIVER
P.R.C. #1288.
1911 To 1918.
J.D.D. #2134
Class "A"
1919 Nat Provo River
APRIL
MAY
JUNE
JULY
AUGUST
SEPTEMBER.
1 6 11 16 21 26 1 6 11 16 21 26 31 5 10 15 20 25 30 5 10 15 20 25 30 4 9 14 19 24 29 3 8 13 18 23 28





ON MILLIMETER
D. NEW YORK.

C.R. 1919. Case 2888.

SUMMARY AND COMPARISONS OF PRECIPITATION AT PROVO AND HEBER FOR THE YEAR ENDING SEPTEMBER 30, 1919.

Year End- Sept. 30, 1919.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apl.	May	Jun.	Jly.	Aug.	Sept.	Tot.
Precip. Provo.	0.96	1.62	1.18	0.16	2.01	1.10	0.80	1.22	0.00	0.11	1.06	2.87	13.09
Mean 1905-1918	1.67	1.28	1.63	2.29	1.82	1.90	1.69	1.68	0.98	0.68	0.67	1.52	17.81
Difference	-0.71	+0.34	-0.45	-2.13	+0.19	-0.80	-0.89	-0.46	-0.98	-0.57	+0.39	+1.35	-4.72
Percent 1919 to Mean	57	127	72	7	110	58	47	73	00	16	158	189	73

****

Precip. Heber.	2.15	1.30	1.00	0.23	2.67	1.33	1.25	0.87	0.00	0.10	0.62	2.52	14.04
Mean 1905-1918	1.46	1.00	1.70	2.89	1.91	2.08	1.31	1.35	0.87	0.77	1.01	1.39	17.75
Difference	+0.69	+.30	-0.70	-2.66	+0.76	-0.75	-0.06	-0.48	-0.87	-0.67	-0.39	+1.13	-3.71
Percent 1919 to Mean	147	130	59	8	140	64	95	64	00	13	61	181	79

****

C.R.1919. Case 2888.

TABULATION SHOWING COMPARISON OF INFLOW AUGUST 21,1919 TO INFLOW OF AUGUST 25, 1915 AS SHOWN BY PLATE VII C.R.S. 1918.

From Wasatch Dam To	Aug.25,1915.	Aug.21,1919.	Difference.	Per Cent.
Charleston Bridge	118	57.70	60	49
Hoover Ranch	164	88.31	76	54
Utah Valley	239	113.	126	47

****

156 A.

C.R.1919. Case 2888.

The Inflow Between the U.S.G.S. Station and the several point of Measurement of the diversions in Utah Valley.

Day.	Apl.	May.	June	July	Aug.	Sept.
1	20	24	32	38	34	28
2	20	24	33	37	24	28
3	20	24	33	36	25	28
4	20	24	34	35	26	28
5	20	25	35	34	27	28
6	21	25	36	32	28	28
7	21	25	37	31	40	27
8	21	25	38	30	33	27
9	21	25	39	28	30	27
10	21	25	40	25	27	27
11	21	26	42	23.	26	26
12	21	26	44	21	24	26
13	21	26	47	20	23	25
14	21	26	50	19	23	25
15	22	27	50	18	22	24
16	22	27	49	18	22	24
17	22	27	49	17	22	23
18	22	27	48	17	22	23
19	22	28	48	18	22	22
20	22	28	47	18	23	22
21	22	28	46	18	23	21
22	22	29	46	19	24	20
23	22	29	45	19	25	20
24	23	29	44	20	25	19
25	23	30	44	20	26	18
26	23	30	43	20	26	17
27	23	30	42	21	27	17
28	23	31	41	21	27	16
29	23	31	40	22	27	15
30	24	32	39	23	28	14
31	..	32	..	23	28	..
Max	24	32	50	38	40	28
Min.	20	24	32	17	22	14
Mean	22	27	42	24	26	23

Comparison With Mean Curve; In Second Feet.

Max	Same	Same	-7	-46	-44	-51
Min.	"	"	-1	-41	058	-52
Mean	"	"	-1	-50	-57	-51.

Percentage of 1919 Mean to the Mean Mean:

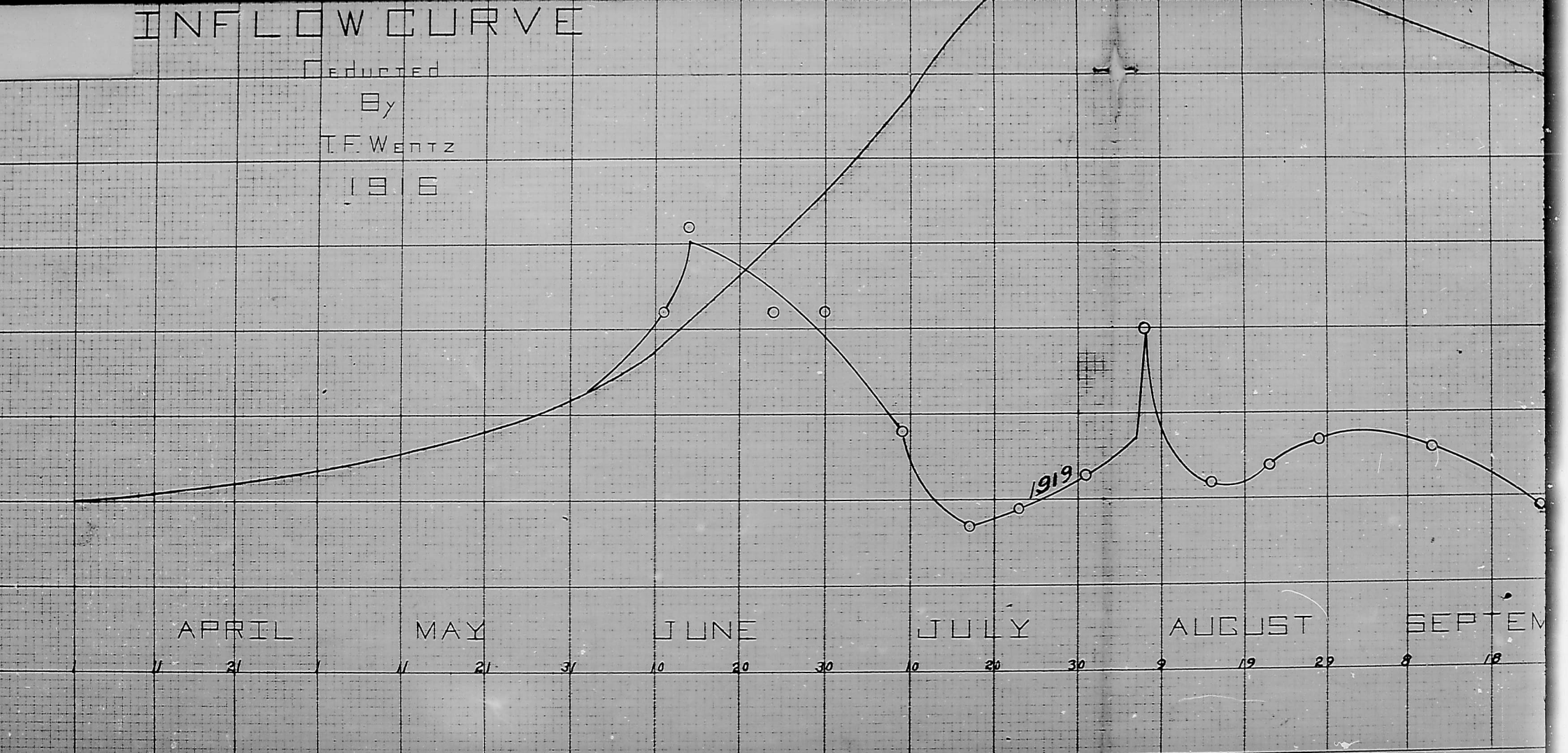
Mean	100	100	98	32	32	31	The Period 51 per cent.

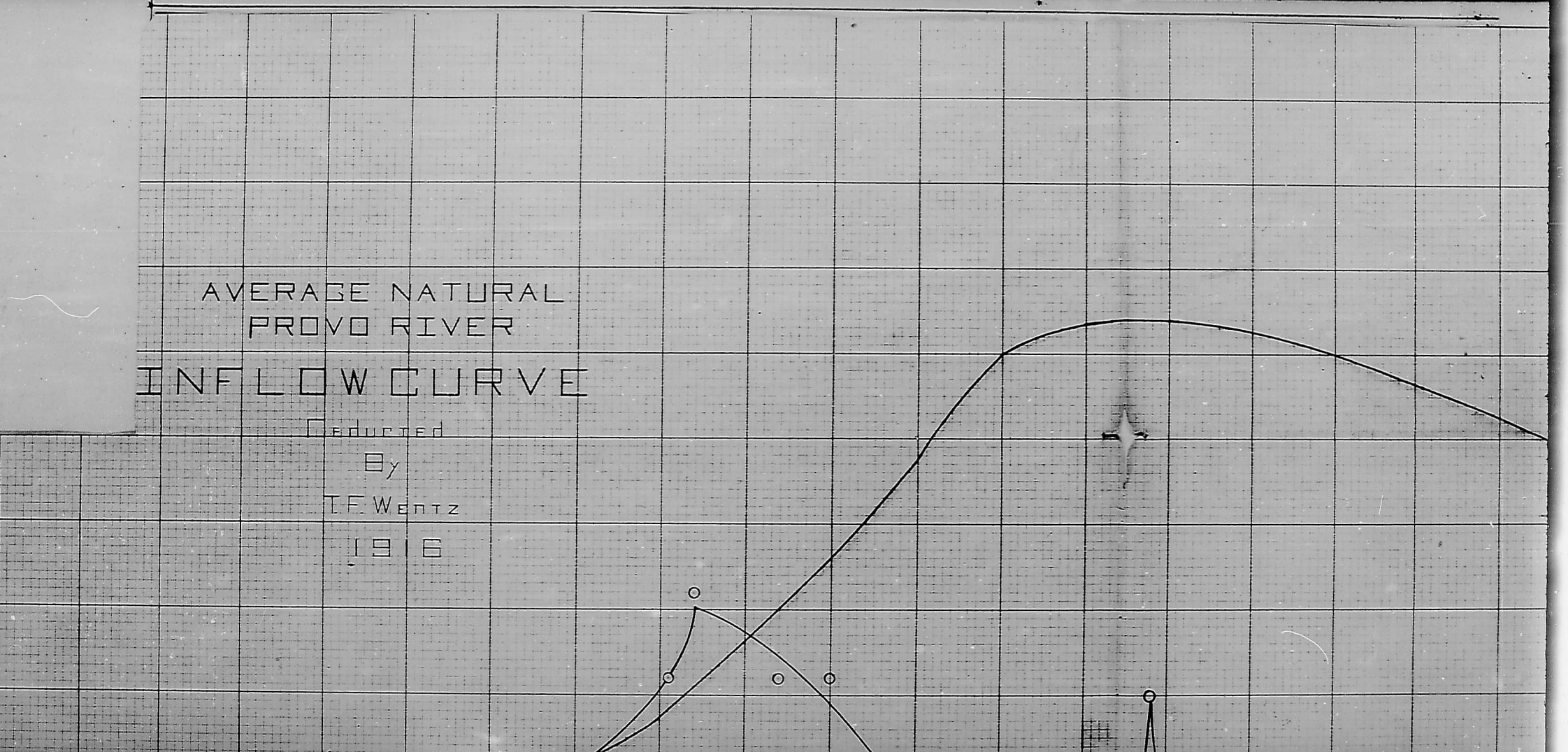
Note: The Curve for April and May is assumed same as the mean Curve, see page 5, 1916 report.

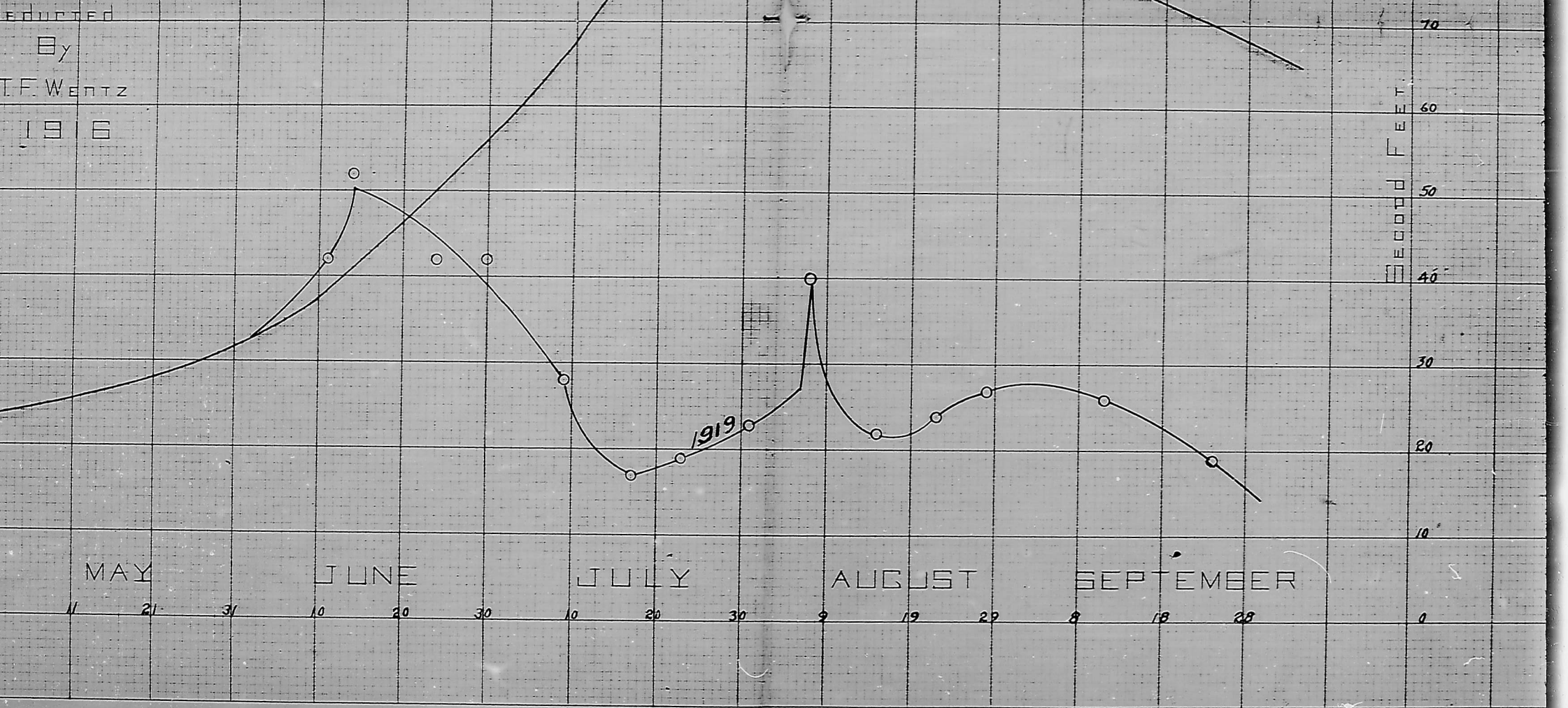
Enclosed herewith is 1919 Inflow Curve superimposed upon Mean Curve Hydrograph.

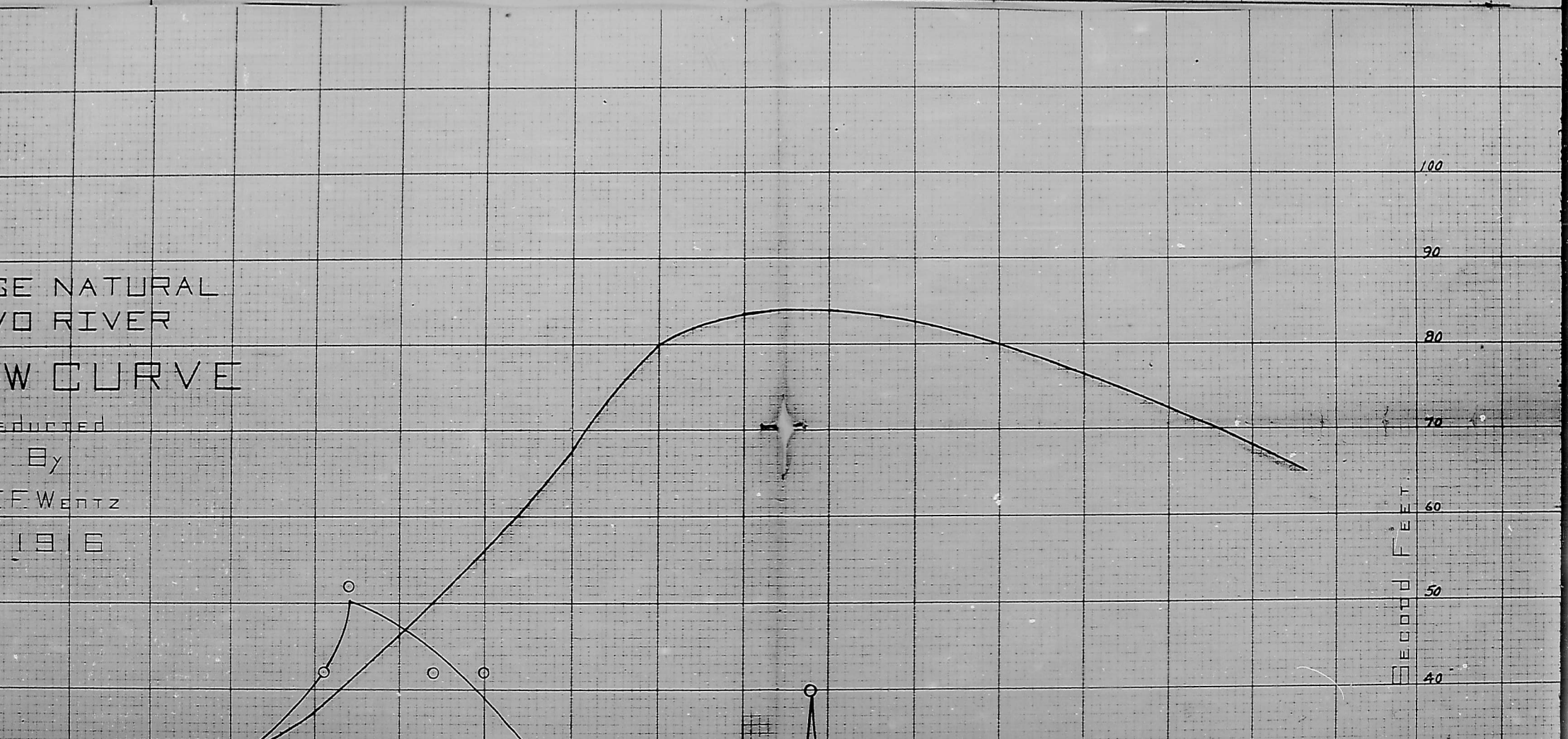
TFW.

156


INFLOW CURVE
Deducted
By
T.F. Wentz
1916
1919
APRIL
MAY
JUNE
JULY
AUGUST
SEPTEM
1
11
21
1
11
21
31
10
20
30
10
20
30
9
19
29
8
18


AVERAGE NATURAL
PROVO RIVER
INFLOW CURVE
Deducted
By
T.F. Wentz
1916


Conducted
By
T.F. Wentz
1916
1919
Record Feet
70
60
50
40
30
20
10
0
MAY
JUNE
JULY
AUGUST
SEPTEMBER
11
21
31
10
20
30
10
20
30
9
19
29
8
18
28


GE NATURAL
VO RIVER
W CURVE
educted
By
F. Wentz
1916
100
90
80
70
60
50
40
Second Feet

Commissioners Report 1919. Case 2888.

TABULATION SHOWING THE STORAGE AND ONTARIO DRAIN TUNNEL WATERS TO THE PROVO DIVISION OF PROVO RIVER. THE SEASON OF 1919.

Day	JUNE Provo Storage	Res. Tunnel	Co. Sego Storage	UP&LCo. Tunnel	Total	JULY Provo Storage	Res. Tunnel	CO Sego Storage	UP&LCo Tunnel	Total.
1		6.50		6.50	13.00	28.80	5.08	2.40	5.08	41.36
2		6.50		6.50	13.00	28.80	5.08	2.40	5.08	41.36
3		6.50		6.50	13.00	28.80	5.08	2.40	5.08	41.36
4		6.50		6.50	13.00	28.80	5.08	2.40	5.08	41.36
5		6.50		6.50	13.00	28.80	5.08	2.40	5.08	41.36
6		6.50		6.50	13.00	28.80	5.08	2.40	5.08	41.36
7		6.50		6.50	13.00	28.80	5.08	2.40	5.08	41.36
8		6.50		6.50	13.00	28.80	5.08	2.40	5.08	41.36
9		6.50		6.50	13.00	28.80	5.08	2.40	5.08	41.36
10		6.50		6.50	13.00	28.80	5.08	2.40	5.08	41.36
11		6.50		6.50	13.00	28.80	5.08	2.40	5.08	41.36
12		6.50		6.50	13.00	28.80	508	2.40	5.08	41.36
13		6.50		6.50	13.00	28.80	5.08	2.88	5.08	41.84
14		6.50		6.50	13.00	28.80	5.08	2.88	5.08	41.84
15		6.50		6.50	13.00	28.80	5.08	2.88	5.08	41.84
16		0.50		0.50	1.00	28.80	5.08	2.88	5.08	41.84
17		0.50		0.50	1.00	28.80	5.08	2.88	5.08	41.84
18	20.00	6.50		6.50	33.00	28.80	5.08	2.88	5.08	41.84
19	28.80	6.50		6.50	41.80	28.80	5.08	2.88	5.08	41.84
20	28.80	6.50	2.88	6.50	44.68	28.80	5.08	2.88	5.08	41.84
21	28.80	6.50	2.88	6.50	44.68	28.80	5.08	2.88	5.08	41.84
22	28.80	6.50	2.88	6.50	44.68	28.80	5.08	2.88	5.08	41.84
23	28.80	6.50	2.88	6.50	44.68	28.80	5.08	2.88	5.08	41.84
24	28.80	6.50	2.88	6.50	44.68	28.80	5.08	2.88	5.08	41.84
25	28.80	6.50	2.88	6.50	44.68	28.80	5.08	2.88	5.08	41.84
26	28.80	5.08	2.88	5.08	41.84	28.80	5.08	2.88	5.08	41.84
27	28.80	5.08	2.40	5.08	41.36	28.80	5.08	2.88	5.08	41.84
28	28.80	5.08	2.40	5.08	41.36	13.00	5.08	2.88	5.08	26.04
29	28.80	5.08	2.40	5.08	41.36	0.00	5.08	2.88	5.08	13.04
30	28.80	5.08	2.40	5.08	41.36	0.00	5.08	2.88	5.08	13.04
31						0.00	5.08	2.88	5.08	13.04

Total Acre feet:-

698.20	56.64		1577.80	167.04

W/W

154

Commissioners Report 1919. Case 2888.

TABULATION SHOWING THE STORAGE AND ONTARIO DRAIN TUNNEL WATER TO THE PROVO DIVISION OF PROVO RIVER. THE SEASON OF 1919.

Concluded.

	A U G U S T .				S E P T E M B E R .			
Day	Provo Res.Co Tunnel Water	Sego Storage	UP&LCo. Tunnel Water	Total	Provo Res.Co. Tunnel Water	Sego Storage	UP&LCo. Tunnel Water	Total.
1.	5.08	2.88	5.08	13.04	5.26	0.00	5.26	10.52
2	5.08	2.88	5.08	13.04	5.26	Exh.	5.26	10.52
3	5.08	2.88	5.08	13.04	5.26		5.26	10.52
4	5.26	2.88	5.26	13.40	5.26		5.26	10.52
5	5.26	2.88	5.26	13.40	5.26		5.26	10.52
6	5.26	2.88	5.26	13.40	5.26		5.26	10.52
7	5.26	2.88	5.26	13.40	5.26		5.26	10.52
8	5.26	2.88	5.26	13.40	5.26		5.26	10.52
9	5.26	2.88	5.26	13.40	4.98		4.98	~~10.52~~ 9.96
10	5.26	2.88	5.26	13.40	4.98		4.98	9.96
11	5.26	2.88	5.26	13.40	4.98		4.98	9.96
12	5.26	2.88	5.26	13.40	4.98		4.98	9.96
13	5.26	2.88	5.26	13.40	4.98		4.98	9.96
14	5.26	2.88	5.26	13.40	4.98		4.98	9.96
15	5.26	2.88	5.26	13.40	4.98		4.98	9.96
16	5.26	2.88	5.26	13.40	4.98		4.98	9.96
17	5.26	2.88	5.26	13.40	4.98		4.98	9.96
18	5.26	2.88	5.26	13.40	4.98		4.98	9.96
19	5.26	2.88	5.26	13.40	4.98		4.98	9.96
20	5.26	2.88	5.26	13.40	4.98		4.98	9.96
21	5.26	2.88	5.26	13.40	4.98		4.98	9.96
22	5.26	2.88	5.26	13.40	4.98		4.98	9.96
23	5.26	2.88	5.26	13.40	4.98		4.98	9.96
24	5.26	2.88	5.26	13.40	4.98		4.98	9.96
25	5.26	2.88	5.26	13.40	4.98		4.98	9.96
26	5.26	2.88	5.26	13.40	4.98		4.98	9.96
27	5.26	2.88	5.26	13.40	4.98		4.98	9.96
28	5.26	0.00	5.26	10.52	4.98		4.98	9.96
29	5.26	....	5.26	10.52	4.98		4.98	9.96
30	5.26	....	5.26	10.52	4.98		4.98	9.96
31	5.26	....	5.26	10.52				

Total Acre Feet:-

153.60

Total acre feet for the Season:-

Provo Reservoir Co. Storage -- 2274.00 acre feet.

Sego Irrigation Co. Storage -- 377.28 acre feet.

TFW/TFW. 153

C.R. 1919. Case 2888.

TABULATION SHOWING THE INFLOW IN PROVO CANYON BELOW THE OLMSTEAD DAM AND PROVO RESERVOIR COMPANY DAM: AND BELOW THE OLMSTEAD DAM AND MOUTH OF CANYON. (Season 1919.)

1919.	Tot. Utah Valley	P.Res. Canal.	Timp. Canal	By. Timp. Dam.	Total Mouth Canyon In Riv.	Over. Olmstd Dam	Olmstead Dam Leakage.	Inflow Below Olmstead Dam.
6-11	395.16	107.78	19.40					
6-14	306.50	48.50	9.20	0.20	57.90	7.40	25.51	24.99a
6-24	308.51	59.64	16.22	"	76.06			
6-30	272.16	66.50	9.50	"	76.20	45.36	7±	23.84a
7-9	237.80	61.50	9.90	"	71.70	46.73	6±	18.87a
7-17	229.73	61.53	8.46	"	70.19	47.56	4±	18.63a
7-23	221.77	60.05	8.42	"	68.67	52.30	3.80	12.57a
7-31	190.69	36.44	"Pumping"		.....	17.09	1.35	18.15*

7-31 Note:- Pump from tailrace to Timpanogus in operation: 0.15 cfs by P.Res. Co. Dam.; and 3.5 cfs. from river to Timpanogus.

8-7	198.01	39.74				21.93	2.52	15.29*
8-15	184.03	38.09				21.85	2.52	15.72*
8-22	187.12	39.00				23.64	0.66	14.70*
8-28	189.16	39.26				24.94	0.60	13.62*
9-11	218.36	44.24				28.67	0.78	14.79*
9-24	216.88	39.74				25.55	0.71	17.48*

Symbols: "a" Designates inflow between Olmstead Dam and Mouth of Canyon.
* " " " " " " Provo Res. Dam.

Note:- The inflow as shown above is exclusive of Lost Creek, Bridal Veil Falls, and Guard Quarters Springs, which were being diverted to Olmstead Flume.

152

C.R.1919. Case 2888.

UTAH VALLEY SUMMARY 1919.

Date	Total Diverted	To Lake	Total Utah Valley	Total USGS. Station	Inflow.
6-11	395.16	00	395.16	353	42
6-14	306.50	00	306.50	254	52
6-24	308.51	00	308.51	267	42
6-30	272.16	00	272.16	230	42
7-9	237.80	00	237.80	210	28
7-17	229.73	00	229.73	213	17
7-23	221.77	00	221.77	203	19
7-31	190.69	00	190.69	168	23
8-7	198.01	00	198.01	158	40
8-15	184.03	00	184.03	162	22
8-22	187.12	00	187.12	163	24
8-28	189.16	00	189.16	162	27
9-11	218.36	00	218.36	192	26
9-24	214.63	2.25	216.88	198	19

C.R. 1919. Case 2888.

PROVO BENCH CANAL OBSERVATION BY T.F.WENTZ. 1919.

Lower Station:

1919.

Date	Time	Gh.	Disch.
4-9	600p	Turned water in.	
4-28	500p	218	127.63
4-28	Started Register.		
5-9	530p	223	132.53
5-11	Raised.		
5-13	640p	236	145.27
5-13	740p	238	147.70
5-15	752a	238	147.70
5-24	740p	250	160.20
5-26	900a	251	161.20
5-31	635p	250	160.20
5-31	Re-instaled Register.		
6-5	Cut.		
6-10	815a	198-	104.90
6-11	845a	194	100.40
6-13	513a	188	93.45
6-13	Cut		
6-14	815a	183	88.26
6-15	Raised		
6-19	830a	179	83.95
6-23	815a	178	82.45
6-24	318p	176	80.56
6-25	150p	174	78.65
6-30	1147a	163	71.50
7-6	210p	148	53.77
7-8	545a	154	57.05
7-9	938a	154	57.05
7-13	443p	154	54.05
7-15	847a	158	55.90

Lower Station.

1919.

Date	Time	GH.	Disch.
7-16	626a	152	50.70
7-17	828a	152	50.03
7-18	832a	Raised	
7-19	615a	155	50.10
7-23	849a	159	48.64
7-28	642a	150	47.15
7-30	105p	162	56.30
7-31	816a	151	47.94
8-3	219am	151	47.90
8-5	555p	144	42.90
8-7	937a	142	44.89
8-9	800a	169	64.60
8-9	Heading has been cleaned		
8-10	137p	155	53.30
8-13	535a	146	46.10
8-13	603a	Raised.	
8-15	900a	150	48.48
8-17	236p	150	48.50
8-22	820a	148	46.93
8-26	835a	149	45.85
8-28-	151p	152	47.15
9-3	700a	165	54.55
9-5	1026a	180	66.45
9-7	958a	172	58.55
9-11	905a	168	53.17
9-17	612p	172	55.95
9-24	820a	172	54.76
10-1	830a	220	99.60

Quantities underscored are Meter Measurements.

Lower Station
Joseph Frampton Observer.
Calculated by T.F.Wentz.

4-29	525p	224	133.50
5-4	506p	223	132.50
5-6	1000a	224	133.50
5-11	510p	225	134.50
5-29	600p	252	162.20
6-4	530	242	152.20
6-7	920a	205	113.60
6-15	450p	190	94.65
6-20	1055a	184	88.30
6-28	700p	180	82.85
7-1	545p	152	58.75
7-2	1030a	150	56.90
7-10	1045a	154	55.85
7-13	1222p	154	54.05
8-17	1220p	150	48.50

Upper Station.
T.F.Wentz. Observer.

4-20	430p	122
4-20	Raised to 144	
5-11	537p	196
7-30	1125a	112
8-1	930a	110
8-9	1130a	124
8-28	210p	110
926	638p	117
9-26	717p	129
9-28	1000a	136
10-4	825a	168.

Upper Station.
Joseph Frampton Observer.

4-24	1010a	172
4-29	445p	154
5-4	102p	194
5-11	540p	198
5-13	420p	201
5-16	400p	205
5-29	525p	206
6-4	455p	194
6-7	850	164
6-15	420p	152
6-19	545p	148
6-20	915a	148
6-28	625p	144
7-1	505p	118
7-2	1145a	120
7-13	1140a	118
8-17	1145a	112
10-1	1130a	156

Plaintiffs Exhibit 14
Case No. 2726 Civil
EBD Court Clerk

150

C.R. 1919. Case 2888.

DISCHARGE PROVO BENCH CANAL THE SEASON OF 1919. AS COMPILED FROM REGISTER RECORD. LOWER STATION. RATING FLUME MEASURED BY METER.

1919.	April		May.		June		July		August.		September		Oct.	
Day.	Gh.	Cfs.	Gh.	Cfs.	Gh.	Cfs.	Gh.	Cfs.	Gh.	Cfs.	Gh.	Cfs.	Gh.	Cfs.
1.	...	.....	231	140.37	248	158.20	157	62.50	152	48.65	158	49.90	220	99.60
2	...	.....	232	141.35	245	155.20	155	60.60	151	47.90	166	55.80	220	99.60
3	...	.....	233	142.33	242	152.20	153	58.70	156	51.65	170	58.65	224	103.50
4	...	.....	234	143.31	242	152.20	150	56.10	153.	49.40	184	70.50	225	104.50
5	...	.....	237	146.25	224	133.50	150	55.70	150	47.20	177	63.80	226	105.50
6	...	.....	230	139.39	207	116.15	150	55.22	144	45.90	171	59.00	224	103.50
7	...	.....	224	133.51	205	113.60	156	59.15	144	45.87	168	55.20	224	103.50
8	...	.....	224	133.51	199	107.10	155	57.80	160	57.54	164	51.40	223	102.50
9	...	.....	224	133.51	197	104.50	155	57.20	160	57.35	166	52.55	225	104.50
10	...	.....	222	131.55	195	101.95	154	55.85	155	53.30	164	50.40	226	105.50
11	...	.....	228	137.43	194	100.40	153	54.50	152.	50.85	166	51.53	228	107.40
12	...	.....	239	149.20	194	99.80	152	53.15	149	48.45	171	55.60	227	106.45
13	...	.....	236	145.27	188	93.46	155	54.80	151.	49.70	173	57.20	225	105.50
14	...	.....	237	146.25	186	91.00	158	56.60	152	50.25	172	56.25	196	76.10
15	...	.....	238	147.23	188	92.85	154	52.85	149	47.76	175	58.70	184	64.65
16	...	.....	236	145.27	187	91.70	152	51.70	148	47.00	177	60.35	185	65.60
17	...	.....	235	144.29	190	94.35	151	49.29	149	47.75	173	56.80	186	66.50
18	...	.....	234	143.31	187	91.40	155	51.20	149.	47.75	175	58.45	176	57.50
19	...	.....	233	142.33	182	86.65	160	53.95	153	50.70	174	57.45	177	58.40
20	...	.....	233	142.33	184	88.30	159	52.05	152	49.85	173.	56.40	...	.....
21.	...	.....	231	140.37	182	86.35	158	50.20	150	48.35	172	55.35	...	.....
22	...	.....	231	140.37	181	85.30	158	49.05	149	47.66	172	55.15	...	.....
23	...	.....	230	139.39	180	84.25	160	49.42	150	47.90	172	54.95	...	.....
24	...	.....	...	.....	177	81.35	165	53.25	149	46.75	171	53.91	...	.....
25	...	.....	...	.....	174	78.65	167	54.85	148	45.55	171	53.70	...	.....
26	...	.....	...	.....	172	76.65	160	49.25	148	45.10	175	56.95	...	.....
27	...	.....	...	.....	163	68.80	153	49.40	149	45.40	188	68.36	...	.....
28	...	.....	...	.....	162	67.60	155	50.90	151	46.40	197	77.05	...	.....
29	221	130.57	...	.....	164	68.80	157	52.40	149	44.50	205	84.90	...	.....
30	228	137.43	...	.....	162	66.80	156	51.65	149	44.05	210	89.80	...	.....
31	...	.....	...	.....	...	.....	150	47.21	147	42.15	...	.....	...	.....

****

Plaintiffs Exhibit 14a
Case No. 5726 Civil
EBB Court Clerk

TFW.TFW.

C.R. 1919. Case 2888.

DISCHARGE PROVO BENCH CANAL THE SEASON OF 1919. AS COMPILED FROM REGISTER RECORD. LOWER STATION. RATING FLUME MEASURED BY METER.

1919.	April		May.		June		July		August.		September		Oct.	
Day.	Gh.	Cfs.	Gh.	Cfs.	Gh.	Cfs.	Gh.	Cfs.	Gh.	Cfs.	Gh.	Cfs.	Gh.	Cfs.
1.	...	.....	231	140.37	248	158.20	157	62.50	152	48.65	158	49.90	220	99.60
2	...	.....	232	141.35	245	155.20	155	60.60	151	47.90	166	55.80	220	99.60
3	...	.....	233	142.33	242	152.20	153	58.70	156	51.65	170	58.65	224	103.50
4	...	.....	234	143.31	242	152.20	150	56.10	153	49.40	184	70.50	225	104.50
5	...	.....	237	146.25	224	133.50	150	55.70	150	47.20	177	63.80	226	105.50
6	...	.....	230	139.39	207	116.15	150	55.22	144	45.90	171	59.00	224	103.50
7	...	.....	224	133.51	205	113.60	156	59.15	144	45.87	168	55.20	224	103.50
8	...	.....	224	133.51	199	107.10	155	57.80	160	57.54	164	51.40	223	102.50
9	...	.....	224	133.51	197	104.50	155	57.20	160	57.35	166	52.55	225	104.50
10	...	.....	222	131.55	195	101.95	154	55.85	155	53.30	164	50.40	226	105.50
11	...	.....	228	137.43	194	100.40	153	54.50	152	50.85	166	51.53	228	107.40
12	...	.....	239	149.20	194	99.80	152	53.15	149	48.45	171	55.60	227	106.45
13	...	.....	236	145.27	188	93.46	155	54.80	151.	49.70	173	57.20	225	105.50
14	...	.....	237	146.25	186	91.00	158	56.60	152	50.25	172	56.25	196	76.10
15	...	.....	238	147.23	188	92.85	154	52.85	149	47.76	175	58.70	184	64.65
16	...	.....	236	145.27	187	91.70	152	51.70	148	47.00	177	60.35	185	65.60
17	...	.....	235	144.29	190	94.35	151	49.29	149	47.75	173	56.80	186	66.50
18	...	.....	234	143.31	187	91.40	155	51.20	149.	47.75	175	58.45	176	57.50
19	...	.....	233	142.33	182	86.65	160	53.95	153	50.70	174	57.45	177	58.40
20	...	.....	233	142.33	184	88.30	159	52.05	152	49.85	173.	56.40	...	.....
21.	...	.....	231	140.37	182	86.35	158	50.20	150	48.35	172	55.35	...	.....
22	...	.....	231	140.37	181	85.30	158	49.05	149	47.66	172	55.15	...	.....
23	...	.....	230	139.39	180	84.25	160	49.42	150	47.90	172	54.95	...	.....
24	...	.....	...	.....	177	81.35	165	53.25	149	46.75	171	53.91	...	.....
25	...	.....	...	.....	174	78.65	167	54.85	148	45.55	171	53.70	...	.....
26	...	.....	...	.....	172	76.65	160	49.25	148	45.10	175	56.95	...	.....
27	...	.....	...	.....	163	68.80	153	49.40	149	45.40	188	68.36	...	.....
28	...	.....	...	.....	162	67.60	155	50.90	151	46.40	197	77.05	...	.....
29	221	130.57	...	.....	164	68.80	157	52.40	149	44.50	205	84.90	...	.....
30	228	137.43	...	.....	162	66.80	156	51.65	149	44.05	210	89.80	...	.....
31	...	.....	...	.....	...	.....	150	47.21	147	42.15	...	.....	...	.....

****

Plaintiffs Exhibit 14a
Case No. 5726 Civil
Court Clerk

TFW.TFW.

C.R.1919.

Discharge Provo Reservoir Canal.

1919. Date	May And June Time	G.H.	Disch.
5-9	559p	280-	146.
5-15	8282	287	171.65
6-10	835a	235	123.
6-11	905a	218	107.78
6-13	532a	146	56.50
6-14	911a	130	48.50
6-14	100p Cut 5cfs.		
6-14	635p Cut.		
6-14	652p	103	33.50
6-15	1030a	103	33.50
6-18	520p	78	22.50
6-18 Storage arrives raised 28 cfs.			
6-19	a	118	41.
6-19 Raised			
6-20	730p	138	52.
6-20 Lat#1		60.	3.13
6-20 total			55.13
6-23	457p	147	57.00
6-24	230p	152	59.64
6-24	740p Raised 15cfs.		
6-25	205p	178	76.50
6-29	825a	176	75.50
6-30	1126a	163	66.50

1919 Date	July Time	G.H.	Disch.
7-3	1231p	160	65.00
7-4	927a	160	65.00
7-6	130p	162	65.38
7-8	6-10a	156	61.50
7-9	954a	156	61.50
7-13	456p	157	62.00
7-15	908a	162	65.4
7-17	921a	158	61.53
7-19	634a	156	60.50
7-20	646p	150	57.00
Lat #1	646p	35	1.40
			58.40
7-21	626a	156	60.50
7-23	945a	157	60.05
7-27	504p	156	60.50
Lat#1	504p	42	1.83
			62.33
7-28	700a	146	55.00
Lat#1,	700a	38	1.58
			56.58
7-29	442p	107	35.50
7-31	905a	110	36.44

1919 Date	August. Time	G.H.	Disch.
8-3	930a	118-	40.50
8-7	1015a	118	39.74
8-9	155p	110	36.4
8-13	555a	130	46.50
8-14	1155a	121	38.50
8-15	950a	120	38.09
8-17	214p	126	41.00
8-20	1055a	122	39.00
Lat#1		40	1.70
			40.70
8-22	906a	122	39.00
8-23	944a	122	39.00
8-24	626p	120	38.00
8-26	856a	122	39.00
8-28	215p	126	39.26

1919 Date	September. Time	G.H.	Disch.
9-3	720a	126	39.3
9-5	1047a	136	44.50
9-7	1015a	120	35.00
9-8	549p	146	45.00
9-9	726p	134	42.6
9-11	956a	134	42.56
Lat#1			1.68
			44.24
9-17	546p	130	39.80
Lat#1			1.68
			41.48
9-24	902a	130	39.74

****

Quantities of Water of Provo Reservoir Company diverted through the Provo Bench Canal. Season of 1919, as shown from sheets of distribution.

1919.	C.F.S.	1919.	CFS.	1919.	cfs.
June 11	18.00	July 9,	12.50	Aug. 15,	8.00
June 14,	18.00	July 17,	9.50	Aug. 22,	8.00
June 24,	18.00	July 23,	9.50	Aug. 28,	8.00
June 29,	16.00	July 31,	8.00	Sept. 7,	8.00
June 30,	13.00	Aug. 7,	8.00	Sept.11,	8.00
				Sept.24,	8.00

****

Plaintiffs Exhibit 15
Case No. 2726 Civil
2818 Court Clerk

148

C.R.1919. Case 2888.

West Union Canal.

1919.

Date	Time	Gh.	Disch.
5-9	540p	108-	51.36
5-15	810a	122	63.00
6-5	135p	108	51.36
6-5 Cut.			
6-10-	832a	67	23.76
6-10	845a Raised.		
6-11	855a	77	29.64
6-13	525a	69	24.90
6-13	Raised.		
6-14	858a	80	31.50
6-19	a	84	34.08
6-23	805p	73	27.24
6-24	303p	73	27.24
6-25	158p	69	24.90
6-30	1135a	62	21.12

7-3 Arranged to take water thru W. Union, for Sp.Creek.

7-3	515p	Turned more in.	
7-3	535p	68	24.36

7-3 600p Turned from W.U. over Schemenshy Spill ap.3. cfs. at 650p water arrives at spill, turned over approx. 7 cfs. to Sp. Creek.

7-3	719p	78	30.18
	Cut to approx.		28.00

That is 21 for W.U. and 7 over spill.

7-6	159p	68	24.36
7-8	600a	68	24.36
7-9	948a	68	24.36
7-13	452p	71	26.04
7-15	857a	70	25.56
7-17	907a	69	24.90
7-18	857a	69	24.90
7-19	629a	69	24.90
7-20	734p	62	21.12
7-23	930a	63	21.66
7-25	637a	64	22.32
7-28	652a	60	20.10
7-29	520p	66	23.34
7-30	117p	60	20.10
7-31	852a	58	18.91
8-1	845a	64	22.32
8-2	820a	58	18.91
8-3	905a	48	14.22
8-4	659p	48	14.22
8-4	710p	Raised.	
8-5	606p	52	16.02
8-7	1006a	52	16.02
8-10	149p	54	16.98
8-13	548a	50	15.16
8-15	940a	51	15.55
8-17	220p	54	16.98
8-22	856a	51	15.55
8-26	845a	51	15.55
8-28	203p	53	16.50
9-3	714a	54	16.98
9-5	1038a	56	17.94
9-7	1007a	56	17.94
9-11	944a	56	17.94
9-17	600p	56	17.94
9-24	850a	54	16.98.

Over West Union Spill.

1919

Date	Time	Gh.	Disc.
7-3	600p	Turned	3.00
7-3	650p	Raised	to 7.
7-8			3.25
7-9	316p		5.22
7-13	430p	cut to	2.00
7-17	Raised to		5.22
7-22	711p		0.00

****

Park & Nuttal Ditch.

1919.

Date	Time	Gh.	Disch.
5-15	812a	120	12.96
6-10	835a	25	1.32
6-11	857a	48	3.60
6-13 Cut.			
6-14	900a	50	3.86
6-24	305p	39	2.61
6-25	159p		0.00
6-30	1137a	34	2.10
7-8	602a	43	3.03
7-9	950a	43	3.03
7-15	900a	43	3.03
7-17	909a	18	0.88
7-23	932a	33	2.02
7-25	640a	33	2.02
7-25	640a	33	2.02
7-25	700a	Cut to	0.00
7-31	854a	22	1.09
8-7	1008a	34	2.10
8-15	942a	40	2.71
8.22	858a	34	2.10
8-28	205p	41	2.82
9-11	946a	49	3.74
9-24	852a	48	3.62

****

Barton & Young Ditch.

1919.

Date	Time	Gh.	Disch.
5-15	902a	105	3.78
6-11	940a	2x25	2.75
6-13 Cut			2.25
6-14	112p	3x25	3.25
6-24	259p		0.60
6-30	1130a		0.00
7-8	607a		0.00
7-9	958a		0.00
7-15	911a		0.00
7-17	913a		1.35
7-23	940a		0.20
7-31	858a		0.00
8-7	1036a		0.00
8-15	1040a		0.00
8-22	902a		0.00
828	211p		0.00
9-11	952a		0.70
9-24	856a		0.60

Upper East Union and Faucett Field Canal.

1919.

Date	Time	Gh.	Disch.
5-15	1018a	77	19.76
6-10	920a	85	23.28
6-11	1037a	85	23.28
6-14	541p	66	15.56
6-23	714p	55	11.68
6-23	740p Raised.		
6-24	148p	68	16.24
6-29	751a	66	15.56
6-30	1053a		13.50
7-4	843a	59	13.04
7-6	1232p	58	12.61
7-6	115p	Cut to	10.40
7-8	632a	53	11.00
7-9	1017a	53	11.00
7-15	923a	52	10.68
7-17	1005a	53	11.00
7-23	1240p	53	11.00
7-27	549p	57	12.28
7-31	1156a	52	10.68
8-7	1057a	52	10.68
8-10	213p	52	10.68
8-15	124p	50	10.10
8-17	200p	50	10.10
8-19	352p	50	10.10
8-22	1046a	50	10.10
8-26	1114a	50	10.10
8-28	316p	50	10.10
9-1	758a	50	10.10
9-8	1110a	52	10.68
9-11	1150a	57	12.28
9-17	510p	45	8.48
9-24	1035a	49	9.76

10-1 1000p Thad Cluff requests that stream be cut to one-half; just enough for culinary.

****

George Baum Ditch.

1919. Date.	Time	Gh.	Disch.
5-15	1110a	60	2.40
6-11	1137a	60	2.40
6-14	442p	110	3.83
6-24	1245p	70	2.10
6-30	955a		0.00
7-8	712a	90	1.24
7-8	945a Turned Off.		
7-9	1057a		0.00
7-17	1106a		0.00
7-23	144p	2x22	0.00
7-31	1239p		0.00
8-7-	1156a		0.00
8-15	224p	2.	0.00
8-22	1119a	1.	3.22
8-28	418p		0.00
9-11	100p		0.00
9-24	1147a		0.00

****

C.R.1919. Case 2888.

EAST RIVER BOTTOMS WATER COMPANY.

Total Diversions of Ditches "C" to "O" Inclusive.
1919.

Date	Total Cfs.	Leak age.	Cfs. Less Leakage.
5-15	29.23		29.23
6-10	Cut to 3 streams.		
6-11	17.61	3.50	14.11
6-14	7.67	2.35	5.32
6-24	15.86	1.35	14.51
6-27	Delivered new Schedule, to Fred Ferguson at 2 p.m.		
6-30	5.25	0.25	5.00
7-6	6.00		
7-8	8.05	0.65	7.40
7-9	4.75	0.45	4.30
7-17	8.03	0.75	7.28
7-23	7.61	1.40	6.21
7-31	6.90	1.05	5.85
8-7	8.72	3.42	5.30
8-15	7.10	0.85	6.25
8-22	6.83	0.15	6.68
8-28	5.80	0.60	5.20
9-11	5.66	1.20	4.46
9-24	12.27	2.55	9.72

****

East River Bottoms Water Company. Ditch "C".

1919.

Date	Time	Gh.	Disch
5-15	911a		o.25
6-11	950a		0.75
6-14	616p		0.75
6-19		est.	5.00
6-19	Cut to		0.00
6-24	225p		0.75
6-30	1107a		0.00
7-8	615a		0.00
7-9	1001a		0.00
7-15	915a		0.00
7-17	948a		0.10
7-23	1218p		0.20
7-31	1120a		0.20
8-7	1039a		0.00
8-15	111p		0.00
8-22	1014a		0.00
8-28	256p		0.00
9-11	1137a		0.25
9-24	1022a		0.10

Ditch "D".

5-15	917a	90	6.26
6-11	952a		0.00
6-14	605p	190	5.32
6-19			0.00
6-24	223p		0.00
6-30	1106a		0.00
7-8	616a		0.00
7-9	1002a		0.00
7-15	916a		0.00
7-17	950a		0.00
7-23	1220p		0.00
7-31	1122a		0.00
8-7	1040a		0.00
8-15	112p		0.00
8-22	1015a		0.00
8-28	258p		0.00
9-11	1138a		0.00
9-24	1024a		0.00

East River Bottoms Water Company. Ditch "E".
1919.

Date	Time	G.H.	Disc.
5-15	925a		0.00
6-11	955a		0.00
6-14	600p		0.00
6-19			0.00
6-24	221p		0.00
6-30	1105a		0.00
7-8	6-17a		0.00
7-9	1003a		0.00
7-15	917a		0.00
7-17	951a		0.00
7-23	1223p		0.10
7-31	1124a		0.00
8-7	1041a		0.00
8-15	113p		0.00
8-22	1016a		0.00
8-28	259p		0.00
9-11	1139a		0.00
9-24	1025a		0.00

Ditch "F".

5-15	930a	60	2.00
6-11	957a		0.50
6-14	559p		0.10
6-19			0.00
6-24	220p		0.00
6-30	1104a		0.00
7-8	618a		0.00
7-9	1004a		0.00
7-15	918a		0.00
7-17	952a		0.10
7-23	1224p		0.00
7-31	1125a		0.00
8-7	1042a		0.00
8-15	114p		0.00
8-22	1017a		0.00
8-28	300p		0.10
9-11	1140a		0.00
9-24	1026a		0.05

Ditch "G".

5-15	936a		1.25
6-11	959a		0.00
6-14	557p		0.00
6-19			0.00
6-24	218p		0.00
6-30	1103a		0.00
7-8	622a		0.00
7-9	1006a		0.00
7-15			0.00
7-17	954a		0.00
7-23	1227p		0.00
7-31	1127a		0.00
8-7	1045a		0.00
8-15	118p		0.00
8-22	1020a		0.00
8-28	305p		0.00
9-11	1144a		0.00
9-24	1030a		0.00

****

East River Bottoms Water Company. Ditch "H2"
1919.

Date	Time	Gh.	Dis.
5-15	1024a		1.90
6-11	1037a		0.75
6-14	515p		0.10
6-24	142p		0.00
6-30	1034a		0.00
7-8	642a		0.10
7-17-	1028a		0.00
7-23	104p		0.10
8-7	1127a		0.00
8-22	1101a		0.00
8-28	350p		0.00
9-11	1236p		0.20
9-24	1110a		0.20

Ditch "I"

5-15	947a	52	2.81
6-11	1010a	52	2.81
6-14	546p		0.15
6-24	207p		0.10
6-29	757a		0.00
6-30	1047a		0.00
7-8	627a		0.10
7-9	1012a		0.10
7-17	1001a		0.10
7-23	1234p		0.15
7-31	1135a		0.50
8-7	1112a	50	2.52
8-15	130p		0.50
8-22	1027a		0.15
8-28	312p		0.20
9-11	1205p	74	4.46
9-24	1040a		0.20

Ditch "J".

5-15	1026a	70	6.89
6-11	1040a	70	6.89
6-14	510p		0.75
6-24	127p	70	6.90
6-24	Cut to		3.50
6-28	132p	70	6.90
6-28	228p	60	6.03
6-28	242p	cut to	00
6-30	1038a		0.00
7-8-	644a		0.20
7-9	1030a		0.20
7-15	1050a	60	
7-17	1030a	70	7.43
7-23	106p		0.15
7-31	1207p		0.15
8-7	1130a		0.60
8-15	156p		0.15
8-22	1054a	70	6.68
8-28	342p		0.10
9-11	1239p		0.20
9-24	1113a	90	9.72

****

146

C.R. 1919. Case 2888.

East River Bottoms Water Company.
(Concluded.)

Ditch "K"
1919.

Date	Time	Gh.	Disc.
5-15	1052a	..	0.00
6-11	1059a		0.00
6-14	459p		0.00
6-24	118p		
6-30	1030a		0.00
7-8	658a		0.00
7-9	1046a		0.00
7-15			0.00
7-17	1047a		0.00
7-23	117p		0.00
7-31	1218p		0.00
8-7-	1141a		0.00
8-15	205p		0.00
8-22	1105a		0.00
8-28	353p		0.00
9-11	1248p		0.00
9-24	1130a		0.00

Ditch "L"

5-15	1037a	45	2.12
6-11	1045a	55	3.91
6-14	507p		0.50
6-24	122p		0.20
6-30	1036a		0.25
7-8	648a	75	7.50
7-9	1034a	60	4.30
7-17	1041a		0.10
7-23	110p		0.00
7-31	1211p	70	6.05
8-7	1132a	62	5.30
8-15	159p		0.00
8-28	343p		0.20
9-11	1241p		0.30
9-24	1125a		0.50

Ditch "M"

5-15	1054a		0.00
6-11	1121a		1.00
6-14	458p		0.00
6-24	114p		0.30
6-30	1015a		0.00
7-8	659a		0.00
7-9	1048a		0.00
7-15			0.00
7-17	1048a		0.00
7-23	121p	95	6.31
7-31	1227p		0.00
8-7	1146a		0.00
8-15	210p		6.25
8-22	1106a		0.00
8-28	354p		0.00
9-11	1250p		0.00
9-24	1132a		0.00

****

Ditch "N"
1919

Date	Time	Gh.	Disc.
5-15	1055a		0.00
6-11	1122a		0.00
6-14	459p		0.00
6-24	116p		0.00
6-30	1017a		0.00
7-8	700a		0.00
7-9	1048a		0.00
7-15			0.00
7-17	1049a		0.00
7-23	131p		0.10
7-31	1228p		0.00
8-7	1147a		0.00
8-15	216p		0.00
8-22	1107a		0.00
8-28	355p		0.00
9-11	1251p		0.00
9-24	1133a		0.00

Ditch "O".

5-15	1058a		3.25
6-11	1125a		0.75
6-14	455p		0.00
6-24	100p	120	7.61
6-24	Cut to		3.50
6-30	1010a		5.00
7-8	702a		0.15
7-9	1049a		0.15
7-15			0.00
7-17	1050a		0.20
7-23	133p		0.50
7-31	1230p		0.00
8-7	1148a		0.30
8-15	218p		0.20
8-22			0.00
8-28	359p		5.20
9-11	1253p		0.25
9-24	1135a		1.50

****
****

WILLIAM CLUFF DITCH.

5-15	937a		0.50
6-11	100a		0.25
6-14	555p		0.40
6-24	216p		0.35
6-30	1044a		0.20
7-9	1007a		0.10
7-17	955a		0.15
7-23	1228p		0.10
7-31	1128a		0.20
8-7	1101a	120	5.84
8-15	119p		0.00
8-22	1021a		0.10
8-28	306p		0.25
9-11	1155a	110	5.79
9-24	930a		0.25

****

DIXON FARM DITCH.
1919.

Date	Time	Gh.	Disch.
5-15	1125a		0.00
6-11	1150a		0.00
6-14	350p	80	2.36
6-24	1214p		0.90
6-30	920a		0.00
7-8	732a		0.00
7-9-	1127a		0.00
7-17	1144a		0.00
7-23	210p		0.00
7-31	109p		0.00
8-7	1216p		0.00
8-15	301p		0.00
8-22	1200m		0.00
9-11	150p		0.00
9-24	1220p		0.00

****

ALFRED YOUNG DITCH.

5-15	1107a	54	2.16
6-11	1135a		0.75
6-14	435p	70	3.15
6-24	1244p		0.60
6-30	948a	42	1.42
7-8	712a		0.50
7-9	1057a		0.00
7-17	1101a	52	1.49
7-23	144p		0.00
7-31	1237p		0.00
8-7	1156a		0.00
8-15	224p		0.00
8-22	1125a	20	0.38
8-28	420p	70	1.95
9-11	100p		0.00
9-24	1145a	55	1.15

****

FORT FIELD CANAL.

5-15	135p	66	2.00
6-13	700p	60	2.21
6-30	309p	46	1.74
7-2	712p	66	2.81
7-8	1028a	70	3.10
7-9	116p	68	2.74
7-18	950a	55	2.09
7-22	850p	39	1.32
7-24	1031a	62	2.46
7-25	541p	40	1.74
7-26	635a	64	4.10
7-27	702p	40	1.74
7-29	740p	64	4.10
7-31	202p	64	4.10
8-7	111p	60	3.62
8-11	240p	50	2.73
8-15	440p	40	1.74
8-22	130p	50	2.73
8-28	640p	40	174
9-11	242p	66	3.93
9-17	332p	33	1.00
9-24	121p		0.00

****

145

C.R.1919. Case 2888.

TIMPANOGUS CANAL COMPANY CANAL.

CANAL. STATION.

1919.

Date	Time	Gh.	Disch.
5-15	1002a	124	25.30
6-5 Cut.			
6-10 Repairing Dam			
6-11	1018a	102	19.40
6-14	525p	72	9.69
6-20	930a	92	14.70
6-23	719p	88	13.80
6-24	153p	96	16.22
6-30	1057a	78	10.90
7-6	1249p	80	10.89
7-8	636a	76	8.90
7-9	1022a	76	8.90
7-15	9-26a	76	8.90
7-17	1012a	74	8.46
7-23	1245p	75	8.42
7-31	1144a	80	8.95
8-7	1053a	76	8.51
8-10	217p	80	8.60
8-15	139p	82	8.72
8-19	356p	78	8.00
8-22	1042a	85	9.95
8-28	325p	84	9.00
9-8	1113a	90	10.80
9-11	122p	85	8.27
9-17	518p	88	9.17
9-24	1054a	82	7.34

****

Underscore are Meter Msr.
Timpanogus Canal Company Canal. Observations by Alf. Chipman. Computations By T.F.Wentz.

1919

Date	Time	Gh.	Disc.
6-6	1100a	92	14.70
6-7	740a	80	11.30
6-7	200p	102	19.40
6-8	745a	98	17.40
6-9	1100a	102	19.40
6-10	210p	100	18.30
6-12	245p	89	13.70
6-13	547a	78	10.80
6-13	315p	72	9.70
6-13	847p	67	8.90
6-14	656p	72	9.70
6-15	715a	78	10.80
6-16	734a	92	14.70
6-16	8-15p	84	12.20
6-17	720a	77	10.60
6-17	535p	66	8.80
6-18	614a	76	10.50
6-18	1027a	76	10.50
6-19	630q	96	16.40
6-19	210p	84	12.20
6-20	700a	90	14.00
6-21	745p	92	14.70
6-22	1100a	88	13.40
6-23	2.00p	90	14.00
6-25	630a	76	10.50

Timpanogus Canal Co. (Concluded.)

1919.

Date	Time	Gh.	Disc.
6-26	1100a	84	12.20
6-27	1110a	76	10.50
6-28	1015a	88	13.40
6-28	600p	108	23.50
6-29	830p	78	10.80
6-30	1234p	74	7.90
7-1	1235p	90	14.00
7-2	1210p	96	16.40
7-3	1008a	90	14.00
7-6	1020a	76	8.90
7-7	220p	74	7.90
7-8	315p	74	7.90
7-9	430p	73	7.40
7-10	1140a	74	7.90
7-11	1215p	74	7.90
7-12	1110a	71	6.40
7-14	336p	74	7.90
7-15	1121a	75	8.40
7-16	126p	75	8.40
7-17	1116a	74.	7.90
7-18	1146a	76	8.90
7-19	1215p	80	10.90
7-20	1145a	74	7.90
7-21	1020a	75.	8.40
7-22	1210p	74	7.90
7-23	218p	76	8.90
7-24	210p	75.	8.40
7-25	230p	84	12.90
7-26	1100a	82	11.90
7-28	410p	66	
7-29-	1110a	83	12.40
7-30	115p	80	10.90
8-1	830p	78	8.00
8-2	410p	78	8.00
8-3	201p	78	8.00
8-4	756p	78	8.00
8-5	510p	78	8.00
8-6	330p	78	8.00
8-7	420p	74	6.80
8-8	315p	78	8.00
8-10	226p	80	8.60
8-11	438p	78	8.00
8-12	519p	78	8.00
8-13	412p	80	8.60
8-15	1011a	80	8.60
8-16	212p	76	7.40
8-17	826p	78	8.00
8-18	636a	74	6.80
8-19	215p	78	8.00
8-20	312p	80	8.60
8-21	216p	80	8.60
8-23	1019a	80	8.60
8-24	226p	84	9.80

****

LITTLE DRY CREEK CANAL.

Four Ft. Cipp. Weir.

1919.

Date	Time	Gh.	Disch.
5-15	102p	84	10.37
6-11	115p	45	4.06
6-14	315p	42	3.66
6-23	321p	57	5.80
6-24	1130a	62	6.57
6-28	1105a	58	5.95
6-30	828a	58	5.95
7-2	733p	58	5/95
7-2	740p	Cut to	5.34
7-8	814a	46	4.20
7-8 Raised.			
7-9	1202p	52	5.05
7-17-	1213p	52	5.05
7-18	1011a	48	4.48
7-19	806a	52	5.05
7-23	246p	46	4.20
7-24	921a	53	5.20
7-24	Cut to	45	4.07
7-25	722p	46	4.20
7-25	926p	46	4.20
7-26	659a	46	4.20
7-27	716p	44	3.93
7-28	844a	46	4.20
7-28	138p	40	3.41
7-31	137p	52	5.05
8-7	1214p	48	4.48
8-10	400p	48	4.48
8-15	410p	46	4.20
8-22	1224p	48	4.48
8-28	606p	48	4.48
9-1	705a	48	4.48
9-7	730p	30	2.21
9-7	Raised.		
9-8	1038a	47	4.34
9-11	217p	58	5.95
9-17	348p	23	1.49
9-24	100p	13	0.63

****

LAKE BOTTOM CANAL.

1919.

Date	Time	Gh.	Disch.
5-15	307p	40	6.94
6-12	1115a	38	6.50
6-13	604p		2.96
6-30	337p	40	5.56
7-8	1040a	78	12.54
7-9	137p	62	9.59
7-20	608p	71	
7-22	810p	74	7.96
7-26	107p	70	6.16
7-29	659p	70	6.16
8-6	1202p		7.44
8-15	326p	115	887
8-19	315p	88	
8-22	153p	50	6.71
8-26	1223p	58	7.80
9-10	1250p	80	10.90

9-26 Through form season.

****

144

C.R.1919. Case 2888.

SPRING CREEK DITCHES.

George Taylor Ditch.
1919

Date	Time	Disc.
5-15	321p	0.00
6-13	602p	0.00
6-30	333p	0.00
7-8	1048a	0.00
7-9	149p	0.00
7-22	807p	0.00
8-22	205p	0.00
9-10	105p	0.00

****

Over Lake Bottom
Canal Spillway.

5-15	321p	0.00
6-13	602p	0.00
6-30	333p	0.00
7-8	1048a	0.00
7-9	149p	0.00
7-22	807p	0.00
8-22	205p	0.00
9-10	105p	0.00
9-26	All of creek at this point.	

****

Partridge Ditch.

5-15	328p	0.00
6-13	627p	0.00
6-30	330p	0.00
7-8	1052a	0.90
7-9	156p	0.60
7-22	757p	0.00
7-29		0.00
8-6	1220p	0.00
8-22	214p	0.00
9-10	1244p	0.00

****

Steve Jones Ditch.

6-13	636p	0.00
6-30	224p	0.00
7-8	1100a	0.00
7-9	210p	0.00
7-29	720p	0.00
8-22	216p	0.00
9-10	1232p	0.00
9-26	207p	0.00

****

Brown Ditch.
1919.

Date	Time	Gh.	Disc.
5-15	454p		1.25
6-13	530p	140	5.11
6-13	Cut to		2.
6-14	p Approx		6.
6-14	Cut to		2.
6-25	1014a		6.00
6-25	1014a Cut to 2.		
6-30	221p		1.50
7-8	1205p		1.75
7-9	214p	80	2.06
7-22	752p		0.00
7-29	640p		1.00
8-6	1142a		0.25
8-22	335p		0.25
9-10	1236p		0.20
9-26	210p		0.20

****

Tanner Drain.
6-13 Turned from Riv. to Spring Creek.

6-13	(C.Tanner)	2.20
7-29	605p	2.63
8-22	230p	1996
9-10	1200m	1.80
9-26	156p Turned to East Side.	

****

Clyde Ditch.

5-15	409p		3.54
6-12	Cut to		3.
~~6-13~~	~~515p~~		~~0.60~~
6-13	500p	78	5.15
6-13	Cut to		2.
6-25	955a		4.
6-25	Cut to		2.
6-30	208p	50	3.40
7-8	1146a	70	4.60
7-8	Cut to		0.00
7-9	230p	50	0.99
7-17	246p	32	1.59
7-17	251p Cut to 0.		
7-22	740p	44	2.56
7-26	1240p	42	2.40
7-26	1245p Cut to 0.		
7-29	620p		1.58
8-6	1128a		0.50
8-22	2.50p	35	1.82
9-10	1221p		0.00
9-26	156p		0.00

****

Tanner East Ditch.
1919.

Date	Time	Gh.	Disc.
5-15	438p	22	0.86
6-12	1030a		0.50
6-13	447p		0.00
6-25	940a		0.75
6-30	140p	33	1.61
7-8	1119a		0.00
7-9	259p	51	3.12
7-22	723p	0.00	0.00
7-29	540p		0.00
8-6	1112a	52	3.26
8-22	313p		0.00
9-10	1146a		0.00
9-26	140p		0.10

****

Tanner Flume Ditch.

5-15	440p	68	1.20
6-12	1027a		0.00
6-13	445p		0.00
6-24	935a		0.00
6-30	136p		0.00
7-8	1117a	80	0.80
7-9	255p		0.00
7-22	722p		0.00
7-29	542p		0.00
8-6	1104a		0.00
8-22	314p		0.00
9-10	1143a	70	1.12
9-26	137p		0.00

****

Tanner West Ditch.

5-15	434p	31	1.16
6-12	1025a	54	2.67
6-13	443p		0.00
6-25	937a	26	0.89
6-30	135p	30	1.11
7-8	1115a	35	1.39
7-9	253p		0.00
7-22	720p		0.00
7-29	539p	0.00	0.00
8-6	1102a		0.00
8-22	311p		0.00
9-10	1141a		0.00
9-26	135p		0.00

****

143

C.R.1919. Case 2888.

PROVO CITY.

DISCHARGE IN SECOND FEET OF EAST UNION, FACTORY RACE, TANNER RACE AND CITY RACE AS SHOWN BY THE REGISTER RECORDS. SEASON OF 1919.

	JUNE					JULY				AUGUST			
	East Union	City Race	Tann. Race	Fact. Race	Total	East Union	City Race	Tann. Race	Total	East Union	City Race	Tann Race	Total
1	.....	.....	.....	.....	.....	21.14	14.20	8.84	45.68	17.16	9.52	8.84	37.02
2	.....	.....	.....	.....	.....	.....	14.60	10.10	.....	21.14	....	10.68	.....
3	.....	.....	.....	.....	.....	.....	12.03	8.48	.....	17.55	....	10.68	.....
4	.....	.....	.....	.....	.....	17.93	11.17	7.97	38.57	18.67	....	9.76	.....
5	.....	.....	.....	.....	.....	18.36	10.89	7.66	38.41	17.93	....	8.48	.....
6	.....	.....	.....	.....	.....	16.46	9.75	6.60	34.31	16.04	....	7.40	.....
7	.....	.....	.....	.....	.....	15.31	8.80	6.08	31.69	16.46	9.29	6.86	34.11
8	.....	.....	.....	.....	.....	16.46	10.13	7.66	35.75	15.31	8.66	6.34	31.81
9	.....	.....	.....	.....	.....	17.16	10.51	8.84	38.01	.....	9.74	7.40	.....
10	.....	.....	.....	.....	.....	17.93	10.32	8.84	38.59	.....	8.16	7.14	.....
11	.....	.....	.....	.....	.....	17.55	10.32	8.48	37.85	16.04	8.86	6.34	32.74
12	.....	.....	.....	.....	.....	17.16	11.08	7.14	36.88	15.69	8.42	5.58	31.19
13	.....	.....	.....	.....	.....	17.16	11.08	6.86	36.60	16.46	8.74	3.94	30.64
14	.....	.....	.....	.....	.....	17.16	10.70	6.08	35.44	17.55	8.70	4.61	32.36
15	.....	.....	.....	.....	.....	15.31	8.80	5.32	30.93	16.04	7.37	5.32	30.73
16	20.29	9.24	.....	15.36	.....	16.77	9.94	5.58	33.79	17.16	8.13	.....	.....
17	19.87	10.73	6.86	14.68	52.14	16.77	11.19	6.60	36.06	18.36	....	.....	.....
18	19.87	10.53	7.14	14.24	51.78	16.46	10.55	6.86	35.37	17.55	8.38	.....	.....
19	21.95	12.18	6.60	16.33	57.06	.....	9.73	7.66	.....	16.46	8.41	.....	.....
20	20.72	10.05	6.34	.....	.....	.....	11.38	7.97	.....	15.03	9.58	.....	.....
21	.....	9.60	6.08	.....	.....	16.77	10.94	7.40	36.61	14.61	8.28	.....	.....
22	.....	16.10	11.68	.....	.....	15.69	11.83	7.66	36.68	11.29	6.98	.....	.....
23	.....	.....	.....	.....	.....	17.16	11.58	6.34	36.58	13.26	7.58	.....	.....
24	.....	.....	11.68	.....	.....	17.55	9.62	7.97	36.64	14.38	....	6.08	.....
25	.....	.....	11.00	.....	.....	17.55	9.56	7.66	36.27	14.61	....	6.34	.....
26	.....	.....	9.14	.....	.....	15.03	7.22	6.86	30.61	15.03	....	5.81	.....
27	21.14	.....	8.21	.....	.....	.....	7.73	4.84	.....	15.31	8.08	6.08	31.47
28	18.67	.....	6.60	.....	.....	15.69	8.62	4.84	30.65	1438	8.11	4.61	29.10
29	22.49	.....	10.10	.....	.....	16.46	8.37	6.08	32.41	13.95	7.98	6.08	30.01
30	24.12	.....	10.68	.....	.....	16.04	7.93	6.08	31.55	13.95	6.84	5.81	28.60
31	.....	.....	.....	.....	.....	14.38	7.49	7.97	31.34	12.60	6.46	5.81	26.87

Note: During July and August 1 to 14th inclusive 1.50 second foot, and August 15th to 31st inclusive 2.00 second feet, has been allowed in totals for the Factory Race Quantity, as shown by observations.

142

C.R.1919. Case 2888.

PROVO CITY TOTAL OF EAST UNION, FACTORY RACE, TANNER RACE AND CITY RACE.
1919.

Date	Time	Sec.Ft.
5-15	m	111.03
6-10	a	66.95
6-11	m	57.86
6-14	p	61.27
6-24	m	56.02
6-28	a	39.15
6-29	a	43.17
6-30	a	54.20
7-4	a	41.67
7-6	a	35.80
7-7	a	33.14
7-8	a	39.64
7-9	a	40.03
7-17	a	37.47
7-19	a	33.67
7-21	a	35.50
7-23	a	40.03
7-25p	p	39.11
7-26	a	29.56
7-28	a	29.22
7-31	p	32.94
8-7	p	35.96
8-10	p	32.93
8-13	a	30.22
8-15	p	29.77
8-17	p	29.77
8-17	p	31.50
8-22	a	30.97
8-26	m	28.92
8-28		32.63
9-1	a	29.18
9-11	p	36.57
9-17	p	43.18
9-24	m	48.33

****

Provo City, City Race.

1919.

Date	Time	Gh.	Disch.
5-15	1208p	144	18.40
6-10	950a	55	7.30
6-11	1147a	44	5.40
6-14	334p	46	5.58
6-19	118p	64	9.06
6-23	340p	54	7.16
6-24	1200m	104	17.27
6-28	1119a	64	9.10
6-29	715a	84	12.90
6-30	849a	91	16.03
7-4	809a	73	13.50
7-6	1152a	68	10.00
7-7	640a	62	9.00
7-8	730a	67	9.90
7-9	1110a	72	11.03
7-13	546p	71	10.89
7-15	949a	56	8.04
7-16	653a	63	9.37
7-17	1130a	74	11.57
7-19	740a	67	9.90
7-21	646a	69	10.40
7-23	200p	78	12.20
7-25	607p	72	11.03
7-26	735a	50	6.40
7-28	810a	61	8.50

Provo City, City Race. (Con)
1919.

Date	Time	Gh.	Disc.
7-31	1255p	58	8.20
8-5	655p	84	12.30
8-7	1209p	64	8.34
8-10	320p	62	8.60
8-13	625a	62	8.60
8-15	238p	59	6.99
8-17	401p	64	7.90
8-22	1141a	58	6.80
8-26	1158a	58	6.80
8-28	436p	68	9.06
9-1	630a	56	7.50
9-11	115p	87	12.78
9-17	412p	26	2.40
9-24	1200m	30	2.22

****

Provo City.
East Union Canal.

1919.

Date	Time	Gh.	Disc.
4-25	900a	86	22.88
5-15	1130a	92	25.43
6-6	630a	71	16.77
6-9	600a	90	24.58
6-10	958a	68	15.69
6-11	1154a	48	9.16
6-13	620a	68	15.69
6-14	400p	63	13.95
6-19	122p	59	12.60
6-24	1219p	92	25.43
6-28	1126a	84	21.95
6-29	721a	80	20.29
6-30	913a	87	23.27
7-4	815a	76	18.67
7-6	1200m	72	17.16
7-7	648a	69	16.04
7-8	737a	72	17.16
7-9	1130a	75	18.36
7-13	520p	75	18.36
7-15	1001a	64	14.38
7-16	700a	72	17.16
7-17	1150a	73	17.54
7-19	730a	65	14.61
7-21	655a	70	16.46
7-23	214p	76	18.67
7-25	614p	78	19.44
7-26	745a	63	14.26
7-28	818a	64	14.38
7-31	102p	66	15.03
8-5	653p	72	17.16
8-7	1220p	70	16.46
8-10	325	66	15.03
8-13	631a	66	15.03
8-15	302p	68	15.69
8-17	407p	65	14.46
8-22	1148a	66	15.03
8-26	1204p	66	15.03
8-28	456p	66	15.03
9-1	637a	62	13.60
9-11	140p	50	9.76
9-17	420p	12	1.12
9-24	1224p	45	8.19

****

Provo City
Factory Race.
1919.

Date	Time	Gh.	Disch.
4-25	903a	146	52.20
5-15	1137a	137	48.20
6-6	633a	90	31.40
6-10	1000a	224	34.48
6-10	Weir in, Lkg. est. 2.cfs		
6-11	1156a	228	36.16
6-13	625a	216	26.46
6-14	402p	228	36.16
6-19	130p	226	34.76
6-23	Retained by City for Irrigation.		
6-24	1221p	est.	2.00
6-28	1128a	"	1.50
6-29	724a	"	1.50
6-30	915a	"	1.50
7-4	817a	"	1.50
7-6	1202p	"	1.50
7-7	650a	"	1.50
7-8	740a	-	1.50
7-9	1132a	"	1.50
7-13	522p	"	"
7-15	1003a	"	"
7-17	1148a	"	"
7-19	733a	"	"
7-21	657a	"	"
7-23	216p	"	"
7-25	616p	"	"
7-26	747a	"	"
7-28	816a	"	"
7-31	100p	"	"
8-7	1218p	"	"
8-10	327p	"	"
8-13	633a	"	"
8-15	304p	"	2.00
8-17	309p	"	"
8-22	1147a	"	"
8-26	1202p	"	"
8-28	454p	"	"
9-1	635a	"	"
9-11	145p	170	6.37
9-15	City turns water to Factory Race.		
9-17	425p	228	36.16
9-24	1226p	225	34.20

****

Provo City,
Tanner Race Canal.

1919.

Date	Time	Gh.	Disch.
5-15	1251p	75	19.00
6-10	1007a	48	9.48
6-11	105p	40	7.14
6-14	320p	34	5.58
6-23	330p	33	5.32
6-24	1141a	54	11.32
6-28	1058a	38	6.60
6-29	704a	45	8.48
6-30	839a	60	13.40
7-4	758a	43	8.00
7-6	1137a	40	7.14
7-7	700a	38	6.60

Concluded on next page.

141

C.R. 1919. Case 2888.

Provo City,
Tanner Race Canal.
(Concluded)

1919.

Date	Time	Gh.	Disc.
7-8	802a	52	11.08
7-9	1152a	47	9.14
7-17	1203p	39	6.86
7-19	754a	42	7.66
7-21	716a	40	7.14
7-23	234p	42	7.60
7-25	555p	40	7.14
7-26	726a	41	7.40
7-28	834a	31	4.84
7-31	116p	44	8.21
8-7	1234p	40	7.14
8-10	155p	40	7.14
8-13	646a	32	5.09
8-15	358p	32	5.09
8-17	428p	40	7.14
8-22	1214p	40	7.14
8-26	1250p	32	5.09
8-28-	556p	37	6.34
9-1	652a	36	6.08
9-11	200p	42	7.66
9-17	400p	25	3.509-2
9-24	1245p	26	3.72

****

Provo City Waterworks.

Note: No measurement of quantity in waterworks was reported to the Commissioner by Provo City. At begining of season the commissioner offered to keep the record of the waterworks. This offer was not accepted. In order to make complete total river the quantity was assumed as shown.

1919.

Date	Assumed	Sec. Feet.
5-15	"	7.00
6-11	"	6.00
6-14	"	6.00
6-24	"	6.00
7-8	"	6.00
7-17	"	6.00
7-23	"	6.00
7-31	"	6.00
8-7	"	6.00
8-15	"	6.00
8-22	"	6.00
8-28	"	6.00
9-11	"	6.00
9-24	"	6.00

****

Utah Power & Light Company, Olmstead Flume at "Donnons"

1919

Date	Time	Gh.	Disch.
6-14	1030a	5.00	228.90

****

Donnon Stream Over Dam.

1919.

Date	Time	GH.	Disch.
6-14	1140a	46	7.40
6-18		62	
6-19	1104a	45	7.04
7-3	1209p	43	
7-14"S"	250p	42	5.29

7-4 Cut to amt. below sufficient to run wheel.
7-18 Request U.P.&.L.Co. to turn over dam this evening.

7-23	1125a	57	11.39
7-31	1015a	54	9.19
8-4	1048a	57	
8-7	844a	57	11.39
8-15	1128a	59	10.27

8-19 Authorize UP&LCo. to cut to 0.00 at 900a.

8-20	1144a	est.	0.05
8-22	940a		0.00
8-26	1014a		0.00
9-11	1101a		0.00
9-24	956a		0.00

****

Nunn's Weir.
2.0' x 10.' Suppressed Weir. from Spillway at Nunn's from Flume.

6-24 740p turned from flume approx. 15.00
6-29 Cut(See Details)

7-14"S"		97	33.70
7-23	1048a	98	33.90
7-31	1049a	35	7.12

8-1 Gage Reported 0.05' too high. By O.& J.
8-1 Raised to 46

8-4	1030a	45	10.30
8-7	900a	43	9.70
8-15	1102a	46	10.74
8-20	1129a	77	23.50
8-22	926a	76	23.00
8-26	934a	78	24.00
9-11	1047a	85	27.50
9-24	944a	80	25.00
10-1"Stoner"		51	12.57

****

Utah Power & Light.Co. Sandgate Weir, from Olmstead Flume.

1919.

Date	Time	Gh.	Disch.
6-18	I turn from UP&LCo. flume approx. 28.00 thru snadgate.		

6-19 Raised to approx.35. expect to get in weir to-day.
6-20 Sego storage to be passed over dam, atotal from flume of 38.39, request Mr. Stoner, to repair weir and turn this quantity.

7-14"S"		67	11.46
7-19"O"		25	

7-19 Request Oliver to raise to 54

7-23		54	8.31
7-31	1036a	16	0.78
8-4	1042a	13	0.95
8-7	832a	12	0.84
8-15	1146a	12	0.84
8-20	1141a	11	0.74
8-22	951a	10	0.64
8-26	1022a	10	0.64
9-11	1108a	15	1.17
9-24	1002a	09	0.55
10-1 "S"		1.25	31.32

****

Leakage of Olmstead Dam.
Water below Dam.
1' x4' suppressed weir.

1919. Date	Time	Gh.	Cfs. By. Wr.	Total Disch.
6-14	Water at dam is standing about ½ inch up on first flashboard.			
614	12.14p			25.51
6-18	Estimated 200 ft. below dam			10.00
7-3	1206p	61	.10	6.96
7-14	145p	52	.10	5.44S
7-23	1120a	41	.10	3.80
7-31	1007a	20	.10	1.35
8-7	846a	31	.10	2.52
8-15	1140a	31	.10	2.52
8-20	1146a	16	.10	0.96
8-22	942a	12	.10	0.66
8-22	01iver	08	.10	0.40
8-26	1016a	11	.10	0.59
9-11	1103a	15	T	0.78
9-24	957a	14	T	0.71

****

140

C.R.1919. Case 2888.

SUMMARY OF STORAGE WATER.

Estimated total storage based on gage readings of reservoirs of July 13, 1919 at 6 p.m. and plus the quantity released:

July 13, 1919, 6 p.m. gage readings of reservoirs and estimated storage:

	Gage Height.	Acre feet.
Washington Lake	21	848
Trial Lake	25.5	857
Wall Lake	7	293 (To Gh.2.00)
Total storage available		1998

Quantity release to the following:

Timpanogus	1287 acre feet.
Provo Res. Co	1712.
Sego	137
Wasatch	351
Total	3487

And total in all reservoirs was 3487+ 1998 is 5485 acre feet, and 198 is reserved for safty, leaving 5287 for estimated release, and of which 474 acre feet belongs to Provo Reservoir Company an is outside of Union Reservpirs, that is 5287 - 474 is 4813 of Union Reservoir Co. And is divided as follows:-

Provo Reservoir Co.	12/28	of 4813 is	2062	plus the 474 is 2538.
Sego Irrig.Co	2/28	" 4813 "	344	
Timpanogus Irrig Co.	7/28	" 4813 "	1203	
Wasatch Irrig. Co.	7/28	" 4813 "	1203	
Total			4812	and Grand Total 5286.

And	Quantity Entitled	Quantity Drawn	Difference	Quant. Entitled to Recieve	Quant. Recieved	Dif.
Provo Reservoir Co.	2538	2444	-94	2346	2370	+24
Sego Irrig.Co.	344	391	+47	375	377	+2
Timpanogus Irrig. Co	1203	1287	+84	1155	1263	+108
Wasatch Irrig.Co.	1203	1275	+72	1155	1242	+87
Totals	5288	5397		5031	5252	221

In the consideration of storage water it is well to note all of the notes on reservoirs and tables of capacities.

139

C.R.1919. Case 2888.

STORAGE WATER OF PROVO RESERVOIR COMPANY:

(Copy of Memo. of Mr. Wentz.)

June 1919.

Day	Time	Released Cfs.	Released Ac.Ft.	Delivered. Cfs.	Delivered. Ac.Ft.	
15	1100a	30	32	....	....	
16		"	60	....	....	
17		"	"	....	....	
18		"	"	20.00	5.	At Head Canal at 9 pm.
19		"	"	28.80	57.60	Raised to 28.80.
20		"	"	"	"	
21		"	"	"	"	
22		"	"	"	"	
23		"	"	"	"	
24		"	"	"	"	
25		"	"	"	"	
26		"	"	"	"	
27		"	"	"	"	
28		"	"	"	"	
29		"	"	"	"	
30		"	"	"	"	
Total			932		696.20	

July 1919.

Day	Time	Released Cfs.	Released Ac.FT.	Delivered. Cfs.	Delivered. Ac.FT.	
1.		30	60	28.8	57.6	
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	5 a.m.	30	12	"	"	Cut to 00.00 at 5 am, at Reservoirs.
27		00	00	28.8	54.1	At 5pm. Cut 6 cfs at Donnons.
28		"	"	13.	22.1	Cut to 00 at 6 am.
29					4.	
Totals			1512		1577.8	

Total for season 2444 2274

And 2444 less 4 per cent is 2346 acre feet due the Provo Reservoir Co. And 2274 the quantity delivered plus the 96 to Reiske and Whiting is a total delivered of 2370, that is the Provo Reservoir Company overdrew 24 acre feet.

138

C.R.1919. Case 2888.

STORAGE WATER OF TIMPANOGUS IRRIGATION COMPANY.

(Copy of Memo. of Mr. Wentz.)

Date	Released Cfs.	Released Ac.Ft.	Delivered. Cfs.	Delivered. Ac.Ft.	
June.					
18	30	60	....	.....	
19	30	60	28.8	38	
20	30	60	28.8	57.60	
21-24	"	"	"	"	
25	30-27.5	56	"	"	Cutat 8 am.
26	27.5	55	"	"	
27	"	"	26.4	53	
28	"	"	"	"	
29	"	"	"	"	
30	"	"	"	"	
July					
1-9	27.5	55	26.4	53	
10	27.5-0	42	"	"	
11	00	00	26.4	53	
12	00	00	26.4	26.4	Cut out at 12M
Totals		1287		1262.6	

****

STORAGE WATER OF WASATCH IRRIGATION COMPANY.

(Copy of Memo. of Mr. Wentz.)

Date	Released Cfs.	Released Ac.FT.	Delivered. Cfs.	Delivered. Ac.Ft.	
June					
30	10	14	.....	.....	Turned at 8 am.
July 1	10	20	.....	.....	
2-7	10	20	9.6	19.2	
8	10-15	22	"	"	Raised at 8 pm.
9	15	30	"	"	
10	15-19	31	14.4	28.8	Raised at 8 pm.
11	19	38	"	"	
12	"	"	18.25	36.5	
13-22	"	"	"	"	
23	19-25	47	"	"	Raised at 8 am.
24	25	50	"	"	
25	25-15	35	24	48	Cut at 6 am.
26	15	30	24	48	
27-31	"	"	14.4	28.8	
August.					
1-8	15	30	14.4	28.8	
9	"	"	"	"	
10	00	00	"	"	
11	"	"	"	"	
12	"	"	"	"	
Totals		1275		1242.	

****

137

C.R.1919. Case 2888.

STORAGE WATER OF SEGO IRRIGATION COMPANY.

(Copy of Memo. of Mr. Wentz.)

Date	Released Cfs.	Released Ac.Ft.	Delivered Cfs.	Delivered Ac.Ft.	
June.					
18	3	4	...	...	Released at 8 am.
19	"	6	.....		
20	"	"	2.88	2.88	Del. at 12m.
21	"	"	"	5.76	
22	"	"	"	"	
23	"	"	"	"	
24	"	"	"	"	
25	3-2.5	5	"	"	Cut at 8 am.
26	2.5	"	"	"	
27	"	"	2.4	4.8	
28	"	"	"	"	
29	"	"	"	"	
30	"	"	"	"	
July					
1	2.5	5	2.4	4.8	
2	"	"	"	"	
3	"	"	"	"	
4	"	"	"	"	
5	"	"	"	"	
6	"	"	"	"	
7	"	"	"	"	
8	"	"	"	"	
9	"	"	"	"	
10	"	"	"	"	
11	2.5-3	"	"	"	Raised to 3 at 8am.
12	3	6	"	"	
13	"	"	2.88	5.76	
14	"	"	"	"	
15-31	"	"	"	"	
August.					
1-24	3	6	2.88	5.76	
25	3-0	2	2.88	5.76	Cut to 0 at 8 am.
26	0	0	2,88	5.76	
27	0	0	2.88	4	Cut to 0 at 430p.
Totals		391		377.28	

The quantity released of 391 less four per cent is 375.36 from the quantity delivered of 377.28 is 1.92 acre feet; that is the Sego Irrigation Company overdrew 1.92 acre feet.

136

C.R.1919. Case 2888.

Wasatch Canal.
1919.

Date	Time	GH.	Disch.
5-11	1155a	100	68.04
5-26	p	125	97.74
5-31	1030a	120	91.35
6-13	1226p	102	70.20
6-17	1217p	88	55.26
6-19	503p	70	38.20
6-20	124p	74	41.76
6-20	907a	83	50.22
6-21	710a	76	43.47
6-23	422p	82	49.23
6-24	625p	86	53.28
6-25	1101a	88	55.26
6-25	443p	86	53.28
6-26	310p	82	49.23
6-26	652p	82	49.23
6-27	1031a	78	45.27
6-28	955a	76	43.47
6-30	1110a	71	39.06
7-1	115p	74	41.76
7-2	851a	75	42.75
7-2	507p	76	43.47
7-2	643p	75	42.75
7-3	851a	75	42.75
7-4	756a	80	41.80
7-5	1059a	83	50.22
7-5	548p	80	41.80
7-7	500p	72	39.96
7-8	920a	73	40.86
7-8	424p	75	42.75
7-9	1005a	66	35.01
7-9	115p	64	33.48
7-10	915a	61	30.87
7-11	535p	60	30.15
7-12	336p	70	38.34
7-13	1115a	70	38.34
7-14	1015a	86	53.28
7-15	1230p	82	49.23
7-16	203p	83	50.22
7-16	320p	83	50.22
7-17	1048a	86	53.28
7-18	1045a	86	53.28
7-19	354p	78	45.27
7-21	935a	70	38.34
7-21	141p	67	35.64
7-22	1100a	63	32.49
7-23	1205p	68	36.54
7-25	1004a	74	41.76
7-26	1145a	78	45.27
7-27	1126a	68	36.54
7-27	522p	75	43.48
7-28	335p	72	39.96
7-29	1205p	75	42.75
7-30	1112a	73	40.86
7-31	1230p	70	38.34
8-1	545p	72	39.96
8-2	242p	78	45.27
8-4	1036a	72	39.96
8-5	1110a	66	35.01
8-8	948a	68	36.54
8-9	1017a	72	39.96
8-11	301p	65	34.02
8-12	1043a	61	30.87
8-13	330p	58	28.37
8-14	354p	56	26.91

Wasatch Canal.
1919.

Date	Time	Gh.	Disch.
8-15	1045a	59	29.34
8-16	1115a	48	21.33
8-18	947a	46	19189
8-19	933a	48	21.33
8-20	207p	44	18.47
8-21	1022a	43	17.92
8-24	420p	31	10.89
8-24	p	34	12.54
8-29	547p	32	11.45
9-9	156p	38	14.85
9-22	518p	39	15.43

****

North Field Canal.

1919.

Date	Time	GH.	Disch.
5-11	1157a	94	49.35
5-26	p	146	99.90
6-13	1224p	127	79.87
6-19	504p	83	40.50
6-17	1219p	96	51.00
6-20	906a	63	26.40
6-20	132p	72	32.40
6-21	715a	66	28.35
6-23	425p	74	33.75
6-24	628p	82	39.60
6-25	1103a	86	42.90
6-25	x447p	82	39.60
6-26	300p	64	27.23
6-26	654p	64	27.22
6-27	1032a	71	31.72
6-28	957a	68	29.70
6-30	1115a	64	27.23
7-1	118p	60	24.37
7-2	853a	58	23.05
7-2	510p	63	26.40
7-2	645p	60	24.37
7-3	852a	58	23.00
7-4	757a	57	22.50
7-5	1002a	58	23.00
7-5	549p	54	20.77
7-7	503p	52	19.58
7-8	922a	42	14.14
7-8	425p	40	13.13
7-9	1008a	36	11.25
7-9	116p	36	11.25
7-10	918a	36	11.25
7-11	538p	32	9.45
7-12	338p	42	14.14
7-13	1120a	46	16.27
7-14	1018a	42	14.14
7-15	1234p	48	17.40
7-16	207p	45	15.60
7-16	322p	50	18.52
7-17	1050a	52	19.57
7-18	1048a	52	19.57
7-19	355p	48	17.40
7-21	937a	38	12.19
7-21	143p	34	10.32
7-22	1102a	30	8.55
7-23	1208p	25	6.49
7-25	1003a	28	7.71
7-26	1142a	30	8.55
7-27	1128a	26	6.90
7-28	338p	42	14.45

North Field Canal.
1919.

Date	Time	Gh.	Disch
7-29	1209p	45	15.60
7-30	1114a	42	14.15
7-31	1233p	40	13.13
8-1	548p	42	14.14
8-2	243p	48	17.40
8-2	258p	46	16.27
8-4	1038a	42	14.14
8-5	1112a	34	10.32
8-8	950a	32	9.45
8-9	1019a	44	16.50
8-11	303p	32	9.45
8-12	1044a	26	6.90
8-13	331p	22	5.39
8-14	355p	18	4.05
8-15	1047a	26	6.90
8-16	1116a	44	16.50
8-18	945a	28	7.71
8-19	935a	28	7.71
8-20	209p	20	4.68
8-21	1024a	22	5.68
8-24	422p	34	10.32
8-29	550p		2.00
9-9	158p	46	16.27
9-22	520p	30	8.55

****

Natural Provo River at Wasatch Dam.
Observed flow less the Storage & Tunnel Water.
1919.

Date.	C.F.S.
~~6-17~~	~~194.48~~
6-21	95.26
6-23	95.89
6-24	106.53
6-25	114.74
6-26	93.29
7-1	61.08
7-3	61.20
7-5	55.52
7-7	51.79
7-8	47.25
7-15	52.30
7-19	46.40
7-21	30.86
7-22	25.94
7-25	35.37
7-26	32.96
7-28	41.33
7-30	42.29
7-31	38.95
8-1	41.48
8-4	41.03
8-8	31.92
8-12	23.19
8-15	37.99
8-18	29.07
8-19	29.38
8-20	24.90
8-24	19.98
8-26	18.19
8-29	13.72
9-9	38.84
9-22	30.91

135

C.R.1919. Case 2888.

1919.

Date	Time	Gh.	Disch.
River Below Midway Lower Dam.			
6-17	Took out part of dam.		
6-20	430p	185	
6-21	952a	176	
6-24	1124a	175	
6-25	853a	180	
6-27	900a	165	
6-28	1219p	170	
6-29	240p	167	
7-1	1130a	167	
7-2	815p	168	
7-3	230p	165	
7-5	845a	165	
7-6	930a	166	
7-7	115p	166	
7-8	1210p	165	
7-9		164	
7-10	1145a	165	
7-11	700a	165	
7-13	930a	172	
7-14	835a	175	
7-15		170	
7-17	1204p	171	
7-18	858a	170	
7-19	100p	166	
7-21	535p	163	
7-23	921a	167	
7-25	326p	170	
7-26	902a	170	
8-4	430p	140	12.89
8-5	339p		11.63
8-13	838a		14.98
8-21	1145a		14.18
9-9	1200m	149	
9-22	622p	148	
Lavina Creek.			
7-16	600p	30	2.30
Snake Creek Tunnel.			
7-16	441p	122	12.04
Total Snake Creek Watershed.			
7-16	p		25.11
Snake Creek Above Snake Creek Tunnel.			
7-16	535p		4.65
Probst Ditch.			
7-16	626p	35	2.15
West Bench Ditch.			
7-16	657p		6.27
Mound Ditch.			
7-16	644p		0.00
Snake Creek at Ford.			
7-16	720p		14.68
Lower Huber.			
7-16	630p		0.25
Upper Huber.			
7-16	636p		0.84
Wilson Ditch.			
7-16	757p	23	0.92

1919.

Date	Time	Gh.	Disch.
Midway River Ditch			
8 Ft. Cipp. Weir.			
5-26	p	Est	35.00
6-17	Adjusted to decreed right.		
6-20	337p	50	9.52
6-21	830a		10.00
6-23			10.00
6-28	1130a		10.00
6-30	1230p	55	10.99
7-5	930a		8.40
7-6	1100a	43	7.59
7-8	1105a	46	8.40
7-9	1215p	46	8.40
7-10	1050a	46	8.40
7-13	1035a	46	8.40
7-14	955a	46	8.40
7-17	1120a	46	8.40
7-18	1006a	46	8.40
7-19	525p	46	8.40
7-23	1050a	46	8.40
7-25	1035a	46	8.40
7-28	428p	40	6.80
7-29	1235p	40	6.80
7-30			7.47
7-31	1117a		8.40
8-2	315p	40	6.80
8-4	1115a	40	6.80
8-5	1127a		7.47
8-8	1145a		7.47
8-11	330p	40	6.80
8-15	1200m	41	7.07
8-18	1140a	39	6.56
8-21	1050a	38	6.30
9-9	137p	30	4.43
9-22	602p	31	4.65
Timpanogus Irrigation Co. Canal.			
5-6	p	203	45.000
5-25	1130a	200	44.00
5-26	p	203	45.00
5-28	1230p	204	45.60
5-31	1038a	204	45.60
5-31	1130a	200	44.00
6-7	1130a	206	46.40
6-10	350p	240.	59.00
6-12	1210p	248	62.20
6-13	1020a	252	64.00
6-13	120p	244	60.80
6-14	1030a	254	64.60
6-15	1050a	252	64.00
6-16	1020a	248	62.20
6-17	120p	247	61.10
6-19	530p	135	23.33
6-20	918a	135	23.33
6-20	140p	150	26.60
6-21	727a	162	30.60
6-23	827p	155	28.40
6-24	305p	156	28.60
6-25	1054a	161	30.40
6-25	411p	158	29.40
6-26	238p	160	29.91
6-27	103p	152	27.40
6-30	1100a	151	27.00
7-1	100p	151	27.00
7-2	845a	151	27.00
7-2	532p	150	26.60
7-3	845a	151	27.00
7-4	744a	150	26.60
7-5	1048a	151	27.00

134

C.R.1919. Case 2888.

1919.

Timpanogus Irrigation Co. Canal.
Concluded.

Date	Time	GH.	Disch.
7-5	526p	150	26.60
7-7	536p	151	27.00
7-8	1000a	151	27.00
7-8	447p	150	26.60
7-9	945a	150	26.20
7-9	134p	150	26.60
7-10	900a	151	27.00
7-11	515p	151	27.00
7-12	12M Cut to		0.00
7-15	715a		0.00

River Below Wasatch Dam.

Date	Time	GH.	Disch.
6-17	200p	105	17.04
6-20	155p	121	
6-21	855a	110	
6-23	457p	110	
6-24	327p	110	
6-25	1137a	112	
6-28	1030a	105	17.00
6-30	1155a	105	17.00
7-1	215p	105	17.00
7-2	920a	105	17.00
7-3	920a	105	17.00
7-5	1150a	105	17.00
7-7	445p	103	
7-8	845a	105	17.00
7-9	1030a	103	
7-9	157p	104	
7-10	945a	101	
7-11	630p	100	
7-14	1049a	130	
7-15	1215p	112	
7-16	203p	115	
7-16	222p	115	19.50
7-17	926a	112	
7-18	1104a	106	
7-19	412p	105	17.00
7-21	957a	102	
7-21	115p	105	17.00
7-22	953a	102	
7-23	1130a	105	17.00
7-25	930a	110	
7-26	1035a	110	
7-27	1220p	101	
7-28	253p	104	
7-29	1127a	103	
7-30	1127a	105	17.00
7-31	1200m	105	17.00
8-1	513p	104	
8-2	205p	105	17.00
8-2	327p	104	
8-4	958a	105	17.00
8-5	944a	100	13.05
8-8	1034a	103	
8-9	1100a	103	
8-11	230p	103	
8-12	1010a	100	13.05
8-13	400p	100	13.05
8-14	415p	100	13.05
8-15	1100a	100	13.05
8-16	1045a	100	13.05
8-18	1007a	100	13.05
8-19	1008a	100	13.05
8-21	920a	101	14.36
8-24	501p	98	12.00
9-9	224p	105	17.00
9-22	542p	103	

133

1919

Provo Reservoir Company Weir
Near Wasatch Dam.

Date	Time	GH.	Disch
6-17	319p		0.00
6-17	615p	120	43.83
6-19	416p	126	47.83
6-19	428p	133	51.57
6-20	924a	133	51.57
6-20	227p	134	52.20
6-21	740a	132	51.07
6-23	413p	118	42.66
6-24	612p	119	43.20
6-25	1119a	120	43.83
6-25	430p	120	43.83
6-26	410p	119	43.20
	Cut to	104	34.92
6-27	113p	104	34.92
6-28	1045a	104	34.92
6-30	1130a	105	35.55
7-1	140p	104	34.92
7-2	908a	104	34.92
7-2	450p	104	34.92
7-2	710p	104	34.92
7-3	908a	104	34.92
7-5	1130a	99	32.22
7-7	431p	99	32.22
7-8	900a	99	32.22
7-8	414p	99	32.22
7-9	1055a	92	28.62
7-9	140p	99	32.22
7-10	1030a	100	32.76
7-11	605p	98	31.68
7-12	325p	108	37.17
7-13	1200m	104	34.92
7-14	1040a	102	33.84
7-15	1145a	100	32.76
7-16	230p	102	33.84
7-17	1105a	101	33.39
7-18	1118a	101	33.39
7-19	430p	99	32.22
7-21	1014a	94	29.61
7-21	130p	101	33.39
7-22	1038a	99	32.22
7-23	1150a	101	33.39
7-25	952a	102	33.84
7-26	1128a	104	34.92
7-27	1140a	94	29.61
7-27	400p	22	3.23
7-28	322p	22	3.23
7-29	1154a	21	3.01
7-30	1158a	22	3.23
7-31	1220p	22	3.23
8-1	537p	22	3.23
8-2	228p	16	1.95
8-2	340p	23	3.45
8-4	1014a	26	4.15
8-5	1100a	22	3.23
8-8	1002a	22	3.23
8-9	1030a	30	5.13
8-11	245p	28	4.62
8-12	1025a	32	5.67
8-13	415p	36	6.75
8-14	435p	39	7.50
8-15	1114a	39	7.60
8-16	1104a	40	7.90
8-18	953a	38	7.32
8-19	947a	34	6.19
8-20	218p	39	7.60
8-21	1013a	38	7.31
8-24	442p	32	5.67
8-29	615p	27	4.39
9-9	207p	34	6.19
9-22	256p	33	5.90

C.R.1919. Case 2888.

1919 Date	Time	GH.	Disch.
I			
Island Ditch.			
6-17	Cut to	Approx.	7.00
6-20	425p	est	15.00
	Cut to		10.00
6-21	930a		10.00
6-23			10.00
6-24	1140a		10.00
6-27	1000a		10.00
6-28	1215p		6.00
6-29	330p		4.50
6-30	855a		6.00
7-3	235p		6.00
7-5	840a		6.00
7-6	200p		6.00
7-8	1200m		6.00
7-13	935a		7.00
7-14	845a		6.00
7-17	342p		6.00
7-18	900a		6.00
7-19	1255p		6.00
7-23	925a		6.00
7-28	930p		2.00
7-29	720a		6.00
7-30	528p		6.00
7-31	600p		7.27
8-2	510p		6.00
8-5	248p		6.36
8-11	550p		6.36
8-12	400p		6.00
8-13	922a		6.38
8-19	215p		6.38
8-21	1215p		5.36
9-9	1155a		6.50
SpringCreek & Sage Brush.			
6-20	450p	98	15.20
6-21	1004a	112	23.20
6-23	130p	102	16.90
6-24	1109a	106	19.20
6-25	800a	120	26. +
6-26	1158a	108	20.52
6-27	820a	104	18.00
6-28	1240p	100	16.20
6-29	345p	102	16.93
6-30	815a	106	19.20
7-1	1100a	100	16.20
7-2	345p	92	13.00
7-2	700a	94	13.70
7-5	815a	92	13.00
7-5	400p	98	15.20
7-7	145p	92	13.00
7-10	330p	104	15.56
7-11	630a	110	21.80
7-14	815a	108	20.50
7-17	248p	80	14.25
7-21	448p	90	12.40
7-23	437p	88	11.90
7-25	235p	78	12.48
7-26	830a	76	9.30
7-29	352p	84	10.90
7-30	409p	90	12.40
8-2	445p	100	16.20
8-5	612p	92	14.66
8-8	325a	88	12.38
8-11	1041a	90	12.16
8-13	1115a	92	13.56
8-19	338p	110	13.08
9-9	1207p	131	
9-22	629p	110	13.08

1919 Date	Time	GH.	Disch.
Charleston Lower Canal.			
5-26	p	135	27.00
6-17	1114a	104	14.50
6-20	1140a	148	32.00
	Cut to		12.00
6-24	141p	126	23.50
6-26	942a	121	21.73
	Cut to		15.00
6-27	1030a	86	7.00
6-29	115p	102	13.62
7-2	215p	90	8.50
7-7	1230p	102	13.62
7-14	430p	100	15.19
7-19	1218p	98	15.00
7-26	320p	120	12.91
8-6	858a	86	11.35
8-16	323p	90	11.60
8-22	545p	80	10.76
9-9	1110a	94	12.45
9-23	304p	110	
Charleston Upper Canal.			
6-20		approx	15.00
6-26	1132a	30	9.18
6-26	722p	Raised from Sp. Creek.	
6-27	840a	34	10.87
6-28	1227p	32	10.03
6-30	830a	24	6.81
7-1	1115a	26	7.55
7-2	330p	26	7.55
7-2	715a	20	5.39
7-5	830a	20	6.40
7-6	215p	22	8.08
7-7	130p	14	
7-8	1230p	12	
7-15	945p	Approx	8.50
7-17	415p	"	15.00
7-21	515p	"	9.30
7-25	400p	"	7.50
7-29	428p	"	8.00
8-5	524p		4.42
8-11	915a		13.74
8-13	1015a		8.37
8-19	240p		10.30
9-22			8.00
J.S.Brown "Well"			
6-17	1119a	9.70	
7-12	1000a	17.30	
8-4	1158a	19.10	
9-9	1128a	19.70	
9-23	300p	20.40	
River Below Midway Upper Dam.			
6-17	635p		1.00
6-17	650p	Turned water over dam to lower Division.	
Ontario Drain Tunnel. At Mouth of Tunnel. 4.8' Rating Flume.			
6-26	516p	160	15.67
8-4	200p	164	16.02
9-9	318p	164	15.47

132

C.R.1919.

1919. Date	Time	Gh.	Disch.
Allen Ditches.			
8-6	209p		1.76
8-23	958a		5.99
River at Hoover's			
8-6	445p		109.19
8-22	1112a		102.88
River at Charleston Bridge;			
8-6	945a		83.73
8-22	437p		72.27
8-23	320p		71.31
Washington Canal;			
5-10	414p	90	11.42
6-11	742p	144	26.20
6-17	915a	135	23.60
6-18	1012a	135	23.50
6-19	825a	142	26.00
6-21	246p	142	26.00
6-23	821a	126	20.60
6-24	1021a	124	20.00
6-26	427p	123	19.87
6-27	615a	122	19.00
6-28	732a	124	20.00
6-30	802a	124	20.00
7-1	943a	124	20.00
7-2	837a	124	20.00
7-3	336p	124	20.00
7-4	6-24a	124	20.00
7-6	742p	124	20.00
7-7-	721a	124	20.00
7-8	735a	124	20.00
7-9	808p	116	18.00
7-10	921a	120	19.00
7-12	822a	116	17.80
7-13	7.26a	118	18.05
7-18	320p	63	5.85
7-19	113p	64	6.00
7-20	1031a	63	5.85
7-21	440p	62	5.60
7-22	944a	60	5.00
7-24	729a	63	5.85
7-25	956a	62	5.60
7-26	121a	63	5.65
7-28	253p	63	5.60
8-1	632a	63	5.80
Round Valley Creek.			
6-17	1045a	Turned to River.	
6-20		To River.	
6-26		(Stoner)	2.97
7-14	955a	"	2.01
8-6	327p		1.38
8-22	128p		2.07
9-9	1007a		2.69
9-23	341p		2.61

1919. Date	Time	Gh.	Disch.
Sunrise Canal.			
6-11	502p	125	9.81
6-18	146p	108	7.60
6-24	116p	93	6.00
6-26	225p	97	6.48
7-3	512p	86	4.00
7-6	634p	73	3.90
7-13	916a	55	2.00
7-20	1122a	55	2.00
7-28	421p	52	1.85
South Kamas Canal :			
5-1-	502p	80	31.36
6-11	604p	94	28.50
6-17	925a		32.00
6-18	1028a	122*	26.40
6-19	812a	129*	25.20
6-21	304p	126*	27.85
6-23	1207p	88	26.00
6-24	957a	82	24.00
6-26	356p	82	24.00
6-27	627a	86	25.20
6-28	741a	86	25.20
6-30	814a	85	25.00
7-1	936a	124*	26.80
7-2	816a	82	20.00
7-3	412p	61	16.00
7-4	634a	61	16.00
7-6	721p	61	16.00
7-7	612a	44	10.40
7-8	720a	44	10.40
7-9	914a	42	9.60
7-10	946a	42	9.60
7-12	931a	45	10.60
7-13	742a	45	10.60
7-18	405p	45	10.60
7-19	209p	44	10.10
7-20	1011a	45	10.60
7-21	454p	45	10.60
7-22	924a	42	9.90
7-24	701a	45	10.60
7-25	840a	45	10.60
7-26	1247p	45	10.60
7-28	231p	41	9.40
8-1	641a	36	8.00

* Upper Station Observation.

Pioneer Irrigation Company Ditches.			
8-6	1235p	.86)	
	1240p	3.45(	6.20
	106p	1.89)	
8-22	310p	2.00)	
	335p	3.36(	9.72
	315p	4.36)	

131

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

Tabulation of Flow and Distribution of Provo River for Provo River 1919.

NAME	Time	G. H.	Disc.	Dec'd at Ste	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
	April. USG.S. Station							May. USG.S. Station 1					
	River	Fork		Total	Inflow	Total Utah Valley		River	Fork	Total	Inflow		Total Utah Valley
1	603	28		631	20	651		730	26	756	24		780
2	588	29		617	20	637		833	27	860	24		884
3	536	28		564	20	584		824	28	852	24		876
4	487	28		515	20	535		824	28	852	24		876
5	480	26		506	20	526		824	28	852	25		877
6	473	26		499	21	520		874	29	903	25		928
7	418	26		444	21	465		705	29	734	25		759
8	402	26		428	21	449		634	28	662	25		687
9	365	25		390	21	411		573	29	602	25		627
10	347	25		372	21	393		603	31	634	25		659
1	353	25		378	21	399		574	29	543	26		569
2	371	25		396	21	417		466	30	496	26		522
3	396	25		421	21	442		460	30	490	26		516
4	430	25		455	21	476		507	35	542	26		568
5	365	26		391	22	413		580	37	617	27		644
6	335	26		361	22	383		649	34	683	27		710
7	344	26		370	22	392		705	34	739	27		766
8	402	26		428	22	450		755	33	788	27		815
9	443	25		468	22	490		856	33	889	28		917
20	476	25		501	22	523		860	31	891	28		919
1	497	26		523	22	545		915	31	946	28		974
2	558	26		584	22	606		915	32	947	29		976
3	622	25		647	22	669		1110	32	1142	29		1171
4	681	25		706	23	729		1030	32	1062	29		1091
5	746	25		771	23	794		1010	32	1042	30		1072
6	755	25		780	23	803		869	32	901	30		931
7	713	26		739	23	762		851	33	884	30		914
8	638	26		664	23	687		869	40	909	31		940
9	626	26		652	23	675		962	42	1004	31		1035
30	681	26		707	24	731		1080	45	1125	32		1157
1								943	42	985	32		1017
Max						803							1171
Min						383							516
Mean.						552							844

Mean Inflow Curve Used.

tal 130

mputations made by T. F. Wurtz.

Observations made by

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

C.R 1919.

Tabulation of Flow and Distribution of Provo River for Provo River 1919. July

NAME	Time	G. H.	Disc.	Dec'd Le	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
	U.S.G.S. Station River	Fork	Total		Storage Tunnel	Natural River USGS		Inflow		Total Utah Valley		Natural River Utah Valley	
1	730	37	767		13	754		32		799		786	
2	603	37	640		13	627		33		673		660	
3	558	35	593		13	580		33		626		613	
4	463	34	497		13	484		34		531		518	
5	430	34	464		13	451		35		499		486	
6	396	34	430		13	417		36		466		453	
7	396	34	430		13	417		37		467		454	
8	371	34	405		13	392		38		443		430	
9	353	33	386		13	373		39		425		412	
10	341	25	366		13	353		40		406		393	
1	330	23	353		13	340		42		395		382	
2	301	26	327		13	314		44		371		358	
3	258	25	283		13	270		47		330		317	
4	231	23	254		13	241		50		304		291	
5	231	25	256		13	243		50		306		293	
6	218	27	245		1	244		49		294		293	
7	213	27	240		1	239		49		289		288	
8	210	26	236		33	203		48		284		251	
9	241	26	267		~~45~~	225		48		315		273	
20	241	26	267		45	222		47		314		269	
1	241	26	267		45	222		46		313		268	
2	241	30	271		45	226		46		317		272	
3	241	26	267		45	222		45		312		267	
4	241	26	267		45	222		44		311		266	
5	241	29	270		45	225		44		314		269	
6	233	29	262		42	220		43		305		263	
7	220	27	247		41	206		42		289		248	
8	215	27	242		41	201		41		283		242	
9	213	32	245		41	204		40		285		244	
30	200	30	230		41	189		39		269		228	
Max			767			754				799		786	
min			230			189				269		228	
Mean						318				384		360	

Total 129

Computations made by .....

Observations made by .....

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil
C.R. 1919

Tabulation of Flow and Distribution of Provo River for Provo River 1919 "July"

NAME	Time	G. H.	Disc.	Dec'd Ce	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Est. Tot.	Correction at Station Add.	Ded.	G. H.
	U.S.G.S. Station, River Park		Total		Short Tunnel	Natural River at USGS.		Inflow.		Total Utah Valley		Natural River Utah Valley	
1	202	29	231		41	190		38		269		228	
2	202	29	231		41	190		37		268		227	
3	197	29	226		41	185		36		262		221	
4	194	29	223		41	182		35		258		217	
5	194	30	224		41	183		34		258		217	
6	187	28	215		41	174		32		247		206	
7	174	28	202		41	161		31		233		192	
8	179	28	207		41	166		30		237		196	
9	179	31	210		41	169		28		238		197	
10	174	29	203		41	162		25		228		187	
1	174	29	203		41	162		23		226		185	
2	169	28	197		41	156		21		218		177	
3	174	32	206		42	164		20		226		184	
4	174	35	209		42	167		19		228		186	
5	179	34	213		42	171		18		231		189	
6	179	35	214		42	172		18		232		190	
7	179	34	213		42	171		17		230		188	
8	179	36	215		42	173		17		232		190	
9	179	36	215		42	173		18		233		191	
20	176	33	209		42	167		18		227		185	
1	169	33	202		42	160		18		220		178	
2	166	34	200		42	158		19		219		177	
3	169	34	203		42	161		19		222		180	
4	169	34	203		42	161		20		223		181	
5	176	34	210		42	168		20		230		188	
6	176	34	210		42	168		20		230		188	
7	164	33	197		42	155		21		218		176	
8	159	33	192		26	166		21		213		187	
9	145	34	179		13	166		22		201		188	
30	135	33	168		13	155		23		191		175	
1	135	33	168		13	155		23		191		175	
Max.			231			190				269		228	
Min.			168			155				191		176	
Mean						168				230		192	

Total 128

Computations made by T. F. Wentz.

Observations made by

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil
C.R. 1919.

Tabulation of Flow and Distribution of Provo River for Provo River 1919. "August."

NAME	Time	G. H.	Disc.	Dec'd Tie	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Est. Tot.	Correction at Station Add.	Ded.	G. H.
	U.S.G.S. Station River	Fork	Total		Stor. Turned	Nat. River U.S.G.S.		Instant.		Total Stor. Valey		Natural River Stor Valey	
1	126	32	158		13	145		24		182		169	
2	135	32	167		13	154		24		191		178	
3	135	32	167		13	154		25		192		179	
4	133	32	165		13	152		26		191		178	
5	135	32	167		13	154		27		194		181	
6	128	31	159		13	146		28		187		174	
7	130	28	158		13	145		40		198		185	
8	126	28	154		13	141		33		187		174	
9	135	29	164		13	151		30		194		181	
10	135	28	163		13	150		27		190		177	
1	135	28	163		13	150		26		189		176	
2	130	28	158		13	145		24		182		169	
3	130	28	158		13	145		23		181		168	
4	135	28	163		13	150		23		186		173	
5	135	27	162		13	149		22		184		171	
6	130	26	156		13	143		22		178		165	
7	130	26	156		13	143		22		178		165	
8	135	28	163		13	150		22		185		172	
9	142	28	170		13	157		22		192		179	
20	135	29	164		13	151		23		187		174	
1	135	28	163		13	150		23		186		173	
2	135	28	163		13	150		24		187		174	
3	135	30	165		13	152		25		190		177	
4	135	30	165		13	152		25		190		177	
5	130	30	160		13	147		26		186		173	
6	133	29	162		13	149		26		188		175	
7	133	29	162		13	149		27		189		176	
8	133	29	162		11	151		27		189		178	
9	130	27	157		11	146		27		184		173	
30	133	25	158		11	147		28		186		175	
31	130	23	153		11	142		28		181		170	
Max			170 ~~169~~			157				198		185	
Min			153			141				178		165	
Mean						149				187		174	

Total 127

Computations made by T. F. Wantz.

Observations made by

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

C. R. 1919.

Tabulation of Flow and Distribution of Provo River for Provo River 1919. "September"

NAME	Time	G. H.	Disc.	Dec'd Tre	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
	USGS Station River	Fork	Total		Stag. Tunnel	Net. River USGS		Inflow.		Total Utah Valley		Natural River Utah Valley	
1	135	22	157		11	146		28		185		174	✓
2	179	22	201		11	190		28		229		218	✓
3	164	21	185		11	174		28		215		202	✓
4	197	35	232		11	221		28		260		249	✓
5	174	33	207		11	196		28		235		224	✓
6	162	33	195		11	184		28		223		212	✓
7	179	31	210		11	199		27		237		226	✓
8	176	31	207		11	196		27		234		223	✓
9	169	28	197		10	187		27		224		214	✓
10	164	28	192		10	182		27		219		209	✓
1	164	28	192		10	182		26		218		208	✓
2	166	28	194		10	184		26		220		210	✓
3	159	28	187		10	177		25		212		202	✓
4	159	28	187		10	177		25		212		202	✓
5	154	28	182		10	172		24		206		196	✓
6	169	28	197		10	187		24		221		211	✓
7	169	28	197		10	187		23		220		210	✓
8	174	26	200		10	190		23		223		213	✓
9	176	28	204		10	194		22		226		216	✓
20	176	28	204		10	194		22		226		216	✓
1	169	29	198		10	188		21		219		209	✓
2	169	29	198		10	188		20		218		208	✓
3	169	29	198		10	188		20		218		208	✓
4	169	29	198		10	188		19		217		207	✓
5	169	30	199		10	189		18		217		207	✓
6	169	30	199		10	189		17		216		206	✓
7	164	27	191		10	181		17		208		198	✓
8	263	25	288		10	278		16		304		294	✓
9	205	29	234		10	224		15		249		239	✓
30	200	28	228		10	218		14		242		232	✓
						F.							
Max			288			278				304		294	
Min			157			146				185		174	
Mean.						192				225		215	

Total 126

Computations made by T. F. Wantz.

Observations made by

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

OUTLINE OF DISTRIBUTION

Tabulation of Flow and Distribution of Provo River for May 10 to June 20, 1919.

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Prorated	Amt. Rated	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
Provo Bench Co.				76.01	6.	....	82,01						
Provo Res.Co Thru P. Bench Canal							------						
Total Thru Provo Bench Canal													
West Union Canal				~~xxxxx~~33.33	....	...	33.33						
Park & Nut. & Bar.& Young				2.55	....	...	2.55						
Timpanogus				14.12	2.		16.12						
U.E.U.&.F. Field				15.46	2.		17.46						
Cluff, Dixon, Young,& Baum D.				2.15			2.15						
Provo City Exclusive WaterWks				68.62			68.62						
Provo City Waterworks Assmd				6.00			6.00						
Dry Creek				8.43			8.43						
Fort Field				7.18			7.18						
Lake Bottom Canal				15.93			15.93						
Spring Creek Users				6.67			6.67						
East Riv. Bottoms Water Co.				6.62			6.62						
Provo Res. Co. :-													
Subject to Pro Rate													
Blue Cliff right				50.00									
Dixon				2.50									
Wright				1.00			53.50						
And Not subject to Pro Rate													
Round Valley Creek				3.47	.35								
Wright Springs				.90	.09								
Tanner Drain				2.20									
Ontario Tunnel Water				6.50			12.63						
~~Total for 100% of awards~~													
Utah Power & Light Co. Tunnel				6.50			6.50						
Total for 100% of awards							345.70						
Constants							~~35~~.13						
Pro Rating quantity							~~308.57~~ 310.57						

Provo Reservoir Company and Sego Irrigation co. to recive storage as noted from time to time.

Utah Power & Light Co. To recieve for 100% of award 229. cfs. plus Tunnel water at head of flume, and also to take into flume Lost Creek, Bridal Veil Falls and Guard quarters Springs.

Total 125

Computations made by T.F.W

Observations made by

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

Tabulation of Flow and Distribution of Provo River for Outline Of Distribution June 20 to July 20,1919.

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
Provo Bench Company				69.02	6.		75.02						
Provo Reservoir Co. Thru P. B.							-----						
Total Thru Provo Bench Canal.													
West Union				30.16			30.16						
Park & Nut. & Bar. & Young				2.31			2.31						
Timpanogus				12.83	2.		12.83						
U.E.U.&.FFd.				14.00	2.		16.00						
Cluff, Dixon, Young & BaumD				2.04			2.04						
Provo City, Exc. Waterworks				60.18			60.18						
Provo City Waterworks assmd				6.00			6.00						
Little Dry Creek				7.67			7.67						
Fort Field				6.38			6.38						
Lake Bottom Canal				14.16		4.	10.16						
Spring Creek Users				6.			6.00						
East Riv. Bottom Water co.				6.04			6.04						
Provo ReservoirCo.													
Subject to Pro Rate													
Blue aCliff Right				50.									
Dixon				2.50									
Wright				1.00			53.50						
Provo Reservoir Co.													
Not Subject to Pro Rate:-													
Round Valley Creek				As shown from time to time									
Wright Springs				.90	09.		.81						
Tanner Drain				As shown.									
Ontario Tunnel Water				As shwon.									
Provo Res. Co. Stoarge as shown.													
Sego Storage as shown.													
Utah Power & Light Tunnel Water as shown.													
Total Subject to Pro Rate							294.29						
Constants							12.00						
Natural flow Pro rate							282.29						

Total 124

Computations made by .....

Observations made by .....

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

Outline Of Distribution.

Tabulation of Flow and Distribution of Provo River for July 20 to September 1, 1919.

NAME	Time	G. H.	Disc.	Dec'd Ne	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
Provo Bench Comapny				62.14	6.		68.14						
Provo Res. Co. Thru P.B.							------						
Total Thru Provo Bench Canal													
West Union				27.14			27.14						
Park & Nuttal & Barton & Y.				2.03			2.03						
Timpanogus				11.30	2.		13.30						
U.E.U.&.F.Fd.				12.56	2.		14.56						
Cluff, Dixon, Baum, Young D				1.80			1.80						
Provo City Exc. Waterworks				56.90			56.90						
Provo City Waterworks				6.00			6.00						
Little Dry Creek Irrigat.Co.				6.75			6.75						
Fort Field				5.74			5.74						
Lake Bottom Canal				12.75			12.75						
Spring Creek Users.				5.50			5.50						
East Riv. Bottoms Water Co.				5.29			5.29						
Provo Res. Co. Subject to Pro Rate:													
Blue Cliff Right				50.00			50.00						
Dixon				2.50			2.50						
Wright				1.00			1.00						
Subtotal				269.40	10		279.40						

Constants 10 Loss plus 6 Waterworks from 279.40 is 263.40 Pro Rator?

Provo Res. Co. Not subject to Pro Rate:-
Round Valley Creek les 0.03 cfs. as shown.
Wright Springs .81 .81
Tanner Drain as shown.
Ontario Tunnel Water as shown.
Provo Res. Co. Storage. as shwon.
Sego Storage as shown.

Total 123

Computations made by .....

Observations made by .....

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

Outline of Distribution
Tabulation of Flow and Distribution of Provo River for Septl, to Oct.1, 1919.

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
								Per cent Pro Rate.					
Provo Bench Co.				62.14	6.		68.14						
Provo Res. Co. thru Prov B. Canal							8.00						
Total thru Provo Bench Canal.							76.14						
West Union Canal				27.14			27.14						
Park & Nut. & Bar.& Young				1.82			1.82						
Timpanogus				11.30	2.		13.30						
U.E.U.&.F.Fd.				~~12x82~~ 12.44	2.		14.44						
Cluff, Baum, Dixon, Young Dtch				1.68			1.68						
Provo City, Irrig. & Power				53.04			53.04						
Waterworks				6.00			6.00						
Dry Creek				6.75			6.75						
Fort Field				4.60			4.60						
Lake Bottoms				10.19			10.19						
Sprin Creek				4.65			4.65						
East Riv. Bottoms				4.92			4.92						
Provo Res Co. the following:													
Blue Cliff				50.00									
Dixon				2.50									
Wright				1.00			53.50						
And Not subject to Pro Rate													
Ontario Tunnel				10.52									
Round Valley Creek				3.47	.35	.2							
Springs				0.90	.09								
Tanner Drain				1.96			16.41						
Total for 100% of award							285.58						
Constants							31.41						
Subject to Pro rate							~~254.175~~ ~~254.25~~		254.17				

Total 122

Computations made by .....

Observations made by .....

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

Tabulation of Flow and Distribution of Provo River for April - May. 1919.

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
April 9. 6 pm Turned water into Provo Bench Canal.													
April 20. 4:30 pm Provo Bench up. Stat. Gate 1 1/2. Raised to 144.													
April 25. City East Union 900a Gate 86.													
Fallon Price 9:03a " 146													
April 28. Provo Bench 50op 218 Gate. Started Register.													
May 9. 1919.													
Provo Bench Gate.	530p	213											
West Union	540p	108	51.36										
Provo Res Canal	559p	260											
" " Lat #1.			50										
May 11, 1919 On trip over river raised Provo Bench Canal													
Warren Canal	1155a	106	68.04										
North Field	1157a	94	48.35										
Weber Light & Power & Improvements out for repairs, turned out at 8 am will be back at 5 pm													
Curtis Blagg reports on trip to Lake — water supply about same as last year													
Alles gate	430p	155											
Provo Bench up St.	530p	196											
May 13, 1919													
Provo Bench Gate.	640p	236											
" " "	740p	238	147.70										
May 14, 1919 Made trip over system - some fish dying													
Provo Canal below Fort Field 730pm 35.40 c.f.s.													
with Thompson arranged to have Fallon Price turned down for tonight to move fish down.													

T. F. West

Total 121

Computations made by .....

Observations made by .....

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

Tabulation of Flow and Distribution of Provo River for May 15, 1919.

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
Provo Bench Ld.	755a	238	147.70										
West Union	810a	122	63.00										
Park & Nuttall	812a	120	14.96	Rating flume									
Park & Nuttall	overflow above stat.												
Prov Res Canal	828a	287	171.65										
" " Lat #1.	828a		00										
Bolton & Young	902a	105	3.78	Rating flume									
Impounding	1002a	124	25.30										
Hall & Hall	1018a	77	19.76										
Young Lakes	1107a	54	2.16										
Blum "	1110a	60	2.40										
Dixon "	1125a		00										
City & Union	1130a	92	25.43										
Factory Race	1137a	137	48.20										
City Race	1205p	144	18.40	Not a curve point.									
Tanner Race	1217p	75	19.00										
			111.03										
Dry Creek	1225p	84	10.37										
Waterworks & sand			7.00										
River Bottoms +													
C	911a	est	.25										
B	912a	90	6.26										
G	925a		00										
H	930a	60	4.00										
D	936a		1.25										
H	937a	est	1.50										
I	947a	52	2.81										
K	1025a		1.90										
F	1026a	70	6.89										
L	1037a	45	2.12										
K	1050a		00										
M	1054a		00										
M	1055a		00										
O	1058a		3.25	approx Rating flume est.									
			29.23										
Int Pipe	135p	66	2.00										
Prov Flow H & L	200p	197	79.37										
Lat. Int Canal	307p	40	6.94										
Geo Taylor	321p		00										
Evan Bird	321p		00										
Robert Wilson	322p		00										
Bolton & Lake	328p		00										
Glade Lake	409p		3.54										
James W. est	434p	31	1.14										
" & Olive	438p	22	.86										
" & Olive	460p	68	1.20										
Brown Lake	444p	est	1.25	In 3 streams									
			96.32										

Gen'l Pipe 704.44. Note: Flow not regular - McEwan reports Prov Res Canal out for 1 day for repairs -
Do not use this for Inflow Curve point

Total 120

Computations made by F. F. Wentz

Observations made by F. F. Wentz

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

Tabulation of Flow and Distribution of Provo River for 1919

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
May 16, 1919.	approx	85.	fr	Lake.									
May 24, 1919.													
Provo Bench Ls.	900a	251		Took out register for repairs									
U.S.S. Gorge	110p	240											
Lower Charleston	p	135											
North Creek & Riv.	p	0	00										
Midway Riv. Latch	p	est	35.00	approx									
West Canal	p	125											
Dry Creek	p	146											
Tompsons	p	223											
May 31, 1919													
Provo Bench Ls.	635p	250		Removed Register changed scale and added ink.									
June 5, 1919	Over system before breakfast - City start I cut upper canals - turning down river, no down in at head City Creek, it is impossible to make proper adjustment without washing out West Union Dam.												
Over system after dinner													
West Union	135p	188	57.36	Cut									
Cut Provo Bench													
Cut Tompsons													
at Office in evening													
Called Ferguson and Perry regarding dam at head City Creek. Thurgood calls and states - City has shut off all water at Tanner race, I call Perry he agrees to turn some water to Dry Creek.													
June 6, 1919.													
City E. Union	630a	71	16.77										
Fallon Price	633a	90											
June 7, 1919	Putting in dam at head City Creek - Spent day in adjustments.												
June 9, 1919													
City E. Union	600a	90	24.58										

Total 119

Computations made by .....

Observations made by .....

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

Tabulation of Flow and Distribution of Provo River for June 1919.

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
June 10, 1919													
Provo Reservoir	815a	198											
West Union	832a	67	23.76										
Park & Nuttall	835a	25	1.32										
By West Union Dam	840a	est	300										
Prov. Res. Canal	835a	235											
2 Prior West Union	est	845a											
Impromptu lightening dam.													
McCall	920a	85	23.28										
Went over River Bottoms ditches cut down the three streams.													
Lady Rock	950a	55	7.30										
Union	958a	69	15.69										
Failory Race	1000a	224	34.48	"Weirin" heritage 2 ofs.									
Farmin Race	1007a	48	9.48										
			66.95										

T F Wentz

Total 118

Computations made by .....

Observations made by .....

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

Tabulation of Flow and Distribution of Provo River for June 11, 1919.

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
Provo Bench Ls	845a	194	104.00	76.01	6.		82.01			100.01		3.99	
Provo Res. Thru Prov Benhc							18.00						
Total thru Provo Bench							100.01						
West Union	855a	77	29.64	33.33			33.33			33.33	3.69		
Park & Nuttal	857a	48	3.60										
Barton & Young	940a		2.75	2.55			2.55			2.55		3.80	
Provo Res. Can.	905a	218	107.78							104.09		3.69	
"b " Lat 1	905a		00										
Timpanogus	1018a	102	19.40	14.12	2.		16.12			16.12		3.28	
U.E.U.&.F.Fd.	1032a	85	23.28	15.46	2.		17.46			17.46		5.82	
Young Ditch	1135a	est	0.75										
Baum "	1137a	60	2.40	2.15			2.15			2.15		1.00	
Dixon "	1150a		00										
City Race	1147a	44	5.40										
Union	1154a	48	9.16										
Factory Race	1156a	228	36.16										
Tanner Race	105p	40	7.14										
			57.86	68.62			68.62			68.62	10.76		
Little Dry Crk.	115p	45	4.06	8.43			8.43			8.43	4.37		
Waterworks assumed			6.00				6.00			6.00			
River Bottoms:-													
c	950a		0.75										
d	952a		0.00										
e	955a		0.00										
f	957a		0.50										
g	959a		0.00										
h	1000a		0.25										
i	1010a	52	2.81										
h2	1037a		0.75										
j	1040a	70	6.89										
l	1045a	55	3.91										
k	1059a		0.00										
m	1121a		1.00										
n	1122a		0.00										
O	1125a		0.75										
			17.61	6.62			6.62			6.62		10.99	
West Side assumed same as 6-13-19													
			13.82	22.60			22.60			22.60	8.78		
Fort Fd. 6-13-19			2.21	7.18			7.18			7.18	4.97		
													32.57
Total 117			395.16							395.16	32.57		

Provo Reservoir Co. to recieve 50. Blue Cliff; 2.50 Dixon; 1.00 Wright; 3.12 Round Valley; 0.81 Wright Springs; 2.20 Tanner Drain; 13.00 Tunnel; as Class "A", is 72.63 total, and 10. of Class C2. Dixon Application; and 39.46 under application No. 1828. makes a total of 122.09 cfs. less the 18.00 thru P.B.Can is 104.09 thru Provo Res. Canal.

Computations made by F. F. Wentz

Observations made by F. F. Wentz

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

Tabulation of Flow and Distribution of Provo River for June 11, 1919

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Correction at Station Ded.	G. H.
Provo Canal Jct.	845a	194	104.00	76.01	6.		82.01	+18 cfs of P.R.C.		100.01	–	3.99	
West Union	855a	77	29.64	33.33	–	–	33.33			33.33	3.69		
Park & Nutter	857a	48	3.60	2.55	–	–	2.55			2.55		3.80	
Boren & Young	940a		2.75										
Provo Res. Canal	905a	218	107.78							~~104.09~~		3.69	
" " Jct #1.	905a		00										
Timpanogos	1018a	102	19.40	14.12	✓		16.12			16.12		3.28	
Utah Nat'l	1032a	85	23.28	15.46	✓		17.46			17.46		5.82	
Young Ditch	1135a	est	0.75										
Beam "	1137a	60	2.40	2.15			2.15			2.15		1.00	
Dixon "	1150a		00										
City Race	1147a	44	5.40										
" Union	1154a	48	9.16										
Factory Race	1156a	278	36.16										
Farmer Race	105p	40	7.14										
			57.86	68.62			68.62			68.62	10.76		
Dry Creek	115p	45	4.06	8.43			8.43			8.43	4.37		
Waterworks Assmt			6.00	6.00			6.00			6.00	–	–	
River Bottoms:–													
C	955a		0.25										
D	955a		00										
E	955a		00										
F.	957a		0.50										
G.	959a		00										
H.	1000a		0.25										
I	1010a	52	2.81										
Hr	1037a	est	.75										
J	1040a	70	6.89										
L	1045a	55	3.91										
K	1057a		00										
Mr	1121a	est	1.00										
M	1122a		00										
O	1125a	est	.75										
			17.61	6.62			6.62			6.62	10.99		
West side assmt same as 6-13-19													
			13.82	22.60			22.60			22.60	8.78		
Fort Field (6-13-19)			2.21	7.18			7.18			7.18	4.97		

Provo Res Co to Receive 50. Blue Cliff, 2.50 Dry; 1.00 Wright; 3.12 Ad Val.; 0.81 Wright Springs; 2.20 Farmer Drain; 13.00 Burnt; as Class "G" = 72.63 and 10.00 cfs of Class C Dixon application; and ~~38.46~~ under ap. 1828 = a total of ~~127.09~~ cfs less 18 cfs thru P.R.Canal = ~~104.09~~ thru P.R.Canal

| Total | 116 | | 395.16 | | | | | | | 395.16 | 37.57 | 37.57 | |

Computations made by J. F. Wentz

Observations made by J. F. Wentz

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

Tabulation of Flow and Distribution of Provo River for June 1919.

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	C. M.
June 12, 1919 –													
M.W. Burnes (Lake Bottom Canal)													
Walter Perry (Provo City Waterworks)													
James W. Ditch	10 55a	54	2.67										
" Flume	10 57a		on										
" 5 Ditch	10 30a	out	0.50										
Colyde Ditch	10 55a	100											
Lake Bottom Canal	11 15a	38	6.50										
Knight (Com. Wanda Dir.)													
Received Letter of Provo Res. Co.													
June 13, 1919													
Provo Bench Ld.	5 13a	188											
West Union	5 25a	69	24.90										
Provo Res. Canal	5 32a	146											
Cut Park & Nuttall, Boler & Young, and Provo Bench													
Raised West Union.													
City & Union	6 20a	68	15.69										
Fairly Race	6 25a	216	26.46	Raising									

J J West

Total 115

Computations made by .....

Observations made by .....

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

Tabulation of Flow and Distribution of Provo River for June 13, 1919.

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
West Side of Fort Field.													
Farmer West Ditch	443p		00										
" Flume	445p		00										
" East Ditch	447p		00										
Clyde Ditch	5p	78	5.15										
Clyde Davis Ditch	515p	Approx.	0.60										
Brown Ditch	530p	140	5.11										
Ashton Taylor D.	6p.		00										
Over Spill	602p		00										
George Taylor	602p		00										
Lot Bottom Canal	604p		296										
Parkinson Ditch	627p		00										
Steve Jones	636p		00										
Prov. Canal Below F.F.	655p		00										
Fort Field Canal	7p	60	221										
Total.			1603										

Cut Clyde Ditch to 3 cfs.
" Brown " " 2 cfs.

I have arranged with Mr. Farmer to have Farmer Ditch water turned to Spring Creek to-night. (2½ cfs by Mr. Farmer)

T. F. Wentz

Total 114

Computations made by T. F. Wentz

Observations made by T. F. Wentz

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

Sheet. 1.

Tabulation of Flow and Distribution of Provo River for June 14, 1919.

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Pro 84	Amt. R PR.	Est. Tot.	Correction at Station Add.	Ded.	G. M.
Provo Bench	815a	183	88.26										
Provo Bench Co				76.01	6.		82.01		63.90	69.90			
Provo Res. Thru PB.										18.00			
Total Thru Provo Bench Canal										87.90		0.36	
West Union	858a	80	31.50	33.33			33.33		27.80	27.80		3.70	
Park & Nuttal	900a	50	3.86)										
Barton & Young	112p		3.25)	2.55			2.55		2.10	2.10		5.01	
By W.Union Dam	907a		2.00	Mr Carter is tightening Dam.									
Provo Res. Can.	911a	130	48.50							56.07	7.57		
" " Latl	911a		0.00										
Olmstead Flume													
at Donnons	1030a	500	228.90	235.50									
Water at dam is standing ½inch up on first flashboard.													
Donnon Steam	1140a	46	7.40*										
River Below Olmstead Dam													
	1214p		25.51	--200feet below dam.									
At 1pm I turn from Provo Reservoir Canal to Timpanogus Canal approx. 5 cfs.													
By Timp. Dam	109p	est	0.20										
Went to lunch and down Spring Creek- found Brown Ditch with approx. 6 cfs.													
cut to 2 cfs. and left notice on headgate.													
Little Dry Creek	315p	42	3.66	8.43			8.43		7.10	7.10	3.44		
Tanner Race	320p	34	5.58										
City Race	334p	46	5.58										
East Union	400p	63	13.95										
Factory Race	402p	228	36.16	2 cfs lkg.									
			61.27	68.62			68.62		57.60	57.60		3.67	
Waterworks assumed			6.00	6.00			6.00		6.00	6.00			
Dixon Ditch	350p	80	2.36)										
Young Ditch	435p	70	3.15)	2.15			2.15		1.80	1.80		7.94	
Baum Ditch	442p	110	3.83)										
Cluff Ditch	555p		.40)										
West Side & Fort Fd.			16.03	29.78	(6-13-19)		29.78		25.00	25.00	8.97		
Timpanogus	525p	72	9.69										
"	am	67	9.20	14.12	2.		16.12		11.90	13.90	4.70		
U.E.U.&F.Fd.	541p	66	15.56	15.46	2.		17.46		13.00	15.00		0.56	
River Bottoms:-													
c	616p	est	0.75										
d	605p	190	5.32										
e	600p		0.00										
f	559p		0.10										
g	557p		0.00										
h	546p		0.15										
j	510p		0.75										
k	459p		0.00										
l	507p		0.50										
m	458p		0.00										
n.	459p		0.00										
h2	515p		0.10										
p.			0.00										
o	455p		0.00										
			7.67	6.62			6.62		5.60	5.60		2.17	
I turn from Provo Res. Canal to Timpanogus more water at 635 pm.													
Provo Res.Can	652p	103											

Concluded on next page-- sheet 2.

Total 113 306.50

Computations made by T F Wentz

Observations made by T F Wentz

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

Sheet 2.

Tabulation of Flow and Distribution of Provo River for June 14, 1919.

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Pro Rate	Amt. Pro Rate	Ent. Tot.	Correction at Station Add.	Ded.	G. M.

Shingle creek water to Provo Reservoir Co 10.00fcs.
And following Outline of distribution of May 10 to June 20 ----
Total of 306.50 - 35.13 constants - 10 Shingle Creek is 261.37 to pro rate
and 261.37/ 310.57 is 84 per cent pro rate percentage.

Provo Res. Co. Rights:-													
Shingle Creek										10.00			
Blue Cliff				50.00			50.00		42.00				
Dixon				2.50			2.50		2.10	2.10			
Wright				1.00			1.00		.84	.84			
Round Valley Not subject to pro rate										3.12			
Wright Springs " " " " "										.81			
Tanner Drain " " " " "										2.20			
Tunnel water " " " " "										13.00			
Sub Total										74.07			

And 74.07 less 18cfs. thru Provo Bench Canal is 56.07 to go thru P.R. Canal.
and entered above (Sheet 1)

Subtotal	305.87
Reserve	0.63
Grand Total	306.50

Observe that Blue Cliff right of Provo Res. Co. is subject to power use of UP&LCo., and under conditions of to-day Provo Res. Co. are ~~entitled~~ unable to divert 7.57 cfs. of their award.
And UP&LCO. at Donnons station are drawing of Natural River 228.90 -6.50 Tunnel water is222.40, and their award is 229.-- that is they are operating on a 97 per cent pro rate, and the defendants rights are on 84% + 7.57 cfs. that Provo Res. Co. are unable at this time to divert.

Total 11

Computations made by ..... Observations made by .....

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

Sheet I.

Tabulation of Flow and Distribution of Provo River for June 14, 1919

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent ~~Added~~ ~~Amt. Added~~	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
Provo Bench St.	8152	183	88.26	76.01	.6		82.01	84% A.R. 63.90	1800 A.R. Co. then P.C. 69.90		0.36	
West Union	858a	80	31.50	33.33	—	—	33.33		27.80		3.70	
Park & Nattal	9129	50	3.85	2.55			2.55		2.10		5.01	
Provo Res. Canal	9119	130	48.50						56.07	7.57		
" " Lat #1	9119		0									
Amsden Flume at Common Stat.	10309	500	228.90	235.50			235.50					
Water at Dam is standing ½ inch upon 1st flashboard.												
Common Dam overflow	1142	46	7.40									
River below Dam Comm.	1214p		25.51	2 cfs below Dam								
At 1 pm I turn from Provo Res Canal to Impregnos Canal offer x 5 cfs.												
By Impregnos	109p	est	0.20									
Went to lunch and down Spring Creek - found Brown Ditch well offer x 6 cfs. Cut to 2 cfs. left writing out budgets.												
Little Dry Creek	315p	42	3.66	8.43			8.43		7.10	7.10	3.44	
Farmer Rose	320p	34	5.58									
City Rose	334p	46	5.58									
" Union	400p	63	13.95									
Fairy Rose	402p	224	36.16	2 cfs Slg.								
			61.27	68.6			68.6		57.60	57.60	3.67	
Dixon Ditch	350p	80	2.36									
Young "	435p	70	3.15	2.15			2.15		1.80	1.80	7.94	
Blum "	442p	110	3.83									
Cluff "	555p	est.	40									
Wilcox & Hall	6-13-19		16.03	29.78			29.78		25.00	25.00	8.97	
Impregnos	525p	72	9.69									
"	am	67	9.20	(clg) 14.1	✓		16.1		11.90	13.90	4.70	
Well	541p	66	15.56	15.46	✓		17.46		13.00	15.00		0.56
Water who wanted			6.00	6.00			6.00			6.00		
River Bottoms:—												
C	616p	est	0.75									
D	605p	190	5.35									
E	600p		0									
G.	559p		0.10									
H.	557p		0									
I	546p		0.15									
J	510p		0.25									
K	479p		0									
L	502p		0.50									
M.	458p		0									
N.	452p		0									
O.	455p		0									
P	515p		0.10									
			7.67	16.6			6.6		5.60	5.60	2.17	
I turn from Provo Res. Canal to Impregnos more water at 635 pm												
Provo Res Canal	654p	103										
Concluded on next page - sheet II												
Total	111		306.50									

Computations made by T. F. Wentz

Observations made by T. F. Wentz

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

Sheet 2.

Tabulation of Flow and Distribution of Provo River for June 14, 1919.

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent ~~Added~~ 84 Per Cent	Amt. ~~Added~~ Per Cent	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
Shingle Creek Water to Provo Res Co. 10 cfs.													
And following outline of distribution May 10 to June 20 —													
Total of 306.50 - 35.13 Conditions - 10.00 Shingle Creek Water = 261.37													
to Per rate and 261.37 / 310.57 = 84% per rate percentage													
~~Provo Res Co as entitled to 84% of 5250~~													
Provo Res Co Rights. Shingle Creek													
Blue Cliff			50.00				50.00		42.00	42.00			
Dixon			2.50				2.50		2.10	2.10			
Wright			1.00				1.00		.84	.84			
Red Valley	not subject to Per rate									3.12			
Wright Springs										.81			
James Drain										2.20			
Jewel Water										13.00			
Sub total										74.07			
and 74.07 less 18 cfs thru Provo Canal Co to 56.07 to go thru Provo Res. Canal and entered above													
Subtotal										305.87			
Reserve										0.63			
Grand total										306.50			

Observe that Blue Cliff Right of P Res Co is subject to Power use of UP & L. Co. and under conditions of to-day Provo Res Co. are unable to divert 7.57 cfs of their amount. And UP & L Co at Demmons Stat. are diverting of natural River 228.90 - 6.50 Jewel Water = 222.40 and their amount is 229. that is they are operating on a 97% per rate, and the defendant right due on 84% + 7.57 cfs that P R Co are at this time unable to divert.

T F Wentz

Total 110

Computations made by ..... Observations made by .....

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

Tabulation of Flow and Distribution of Provo River for June 1919.

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Est. Tot.	Correction at Station Add.	Ded.	G. H.

June 5. 1919:
Chapman phones "Impromptu at 78"
Provo Res Canal 1030a 108
Passed Provo Bench 0.1' on bank
I turn from Provo Res Canal to Impromptu Canal.
Passed Little Dry Creek again.
Went over Spring Creek "OK".

June 16. 1919: Chapman reports Impromptu at 44.9'

June 17. 1919. I call Knight and instruct him to cut all constants to 60 acre duty.
On way to Heber stopped and jumped in forty.
USGS gage 1003a 40
Ordered Reisch & Hansen out out.
Turned off Provo Lake over Waldsburg inlet at 1035a
Turned Provo Valley Canal to river at 1045a
Lower Charleston 1114a 104
J. Bennion Well 1119a 9.70

Wasatch Canal	1217p	84	55.26	(Knight)	Measured Knight's and new Wasatch dam
N Field	1219p	96	57.00	(")	
Impromptu	1220p	247	61.10		strut 0.2' back strut alteration
Provo Below Washington	1230p	105	17.04		
Provo Res Weir	319p		00		

Distribution	1st Class	
Wasatch	55.26	41.67
N Field	57.00	35.71
Impromptu	61.85	0.0
Prov Below Washington	17.04	
D. Kimball	37.00	17.50
Washington	23.60	
	241.75	94.88 99.88
Outlet Tunnel Amt	18.50	
Provo Resch. St. 30 hrs 47%	28.80	
	47.30	

Natural Flow 241.75 - 47.30 = 194.45
Midway 1st and 13th Class 14.67
D. Kimball Second Class 10.83
Washington 5th Class 21.03
146.41

Continued on next page.

Total 109

Computations made by J. F. Wenk

Observations made by J. F. Wenk, Ernest Pelgt, H. L. Stone, O. H. Jenks.

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

Tabulation of Flow and Distribution of Provo River for June 1919.

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.

June 15, 1919:
Chapman phones "Improvement at 78"
Provo Res Canal 1030a 103
Passed Provo Bench 0.1 or 0.2 short
I turn from Provo Res Canal to Improvement Canal.
Passed Little Dry Creek again.
Went over Spring Creek "OK".

June 16, 1919: Chapman reports Improvement at 44 cfs

June 17, 1919. I call Knight and instruct him to cut all constants to 60 acre duty.
On way to Heber stopped and looked in forty.
U.S.S. gage 1003a 40
Ordered Reidy & Hansen out out.
Turned off Provo Hatchery Walsburg switch at 1035a
Turned Provo Valley Canal & river at 1045a
Lower Charleston 1114a 104
J. A. Brown Well 1119a 9.70

Wasatch Canal	1217p	84	55.26	(Knight)	Measured Knight & and non Wasatch Canal
N. Field	1219p	96	57.00	(")	
Improvement	1220p	247	61.10		at most 0.2 back above station
Provo Below Washington	1230p	105	17.04		
Provo Res Weir	319p		00		

Distribution		1st Class	
Wasatch	55.26	41.67	5.
N. Field	57.00	35.71	
Improvement	61.85	0.0	
Prov Below Washington	17.04	~~17.0~~	
D. Kamas	37.00	17.50	
Washington	23.60		
	241.75	94.88	99.88
Outlet Tunnel Assumed	18.50		
Prov Res Ct. 30 hrs 47	28.80		
	47.30		

Natural Flow 241.75 - 47.30 = 194.45
Mulvey 1st and 13 4th Class 14.67
D. Kamas Second Class 10.83
Washington 5th Class 21.03
146.41

Continued on next page.

Total 109

Computations made by J. F. Weeks

Observations made by J. F. Weeks, Ernest Pulsipher, H. Z. Jones, J. H. Jones.

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

Tabulation of Flow and Distribution of Provo River for June 1919

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.

June 17, 1919 concluded

Timpanogos 3.33 } 14th class
Alpine 13.33
46.66

in Pipe 11th Class 5.95
Dagebum 1 x 4 Class 8.33
bent fork 146.41
160.69

and 194.45 − 160.69 = 33.76 to be divided between Timpanogos and Alpine 33.33 / 46.66 of 33.76 = 23.33 to Timpanogos
and 10.43 to Alpine

and Wasatch 46.67 + 10.43 Alpine + 3.00 Billy Mac = 60.10 Wasatch Canal
North Pipe 35.71 − 3.00 Billy Mac + 8.33 Dagebum + 6.95 = 41.04 + 5.95

Timpanogos	23.33
Alpine	28.33
Washington	31.03
Midway 14.67 + 5.50 Tunnel Water	20.17
up 9.60 Tunnel Water & Provo River	6.50
Provo Res. Co. 28.80 storage + 6.50 Tunnel Water	35.30
	235.80
	441.75

Now the entry Provo Reservoir Weir is ~~13.00~~ 28.80 storage + 13.00 Tunnel + 20.17 Midway + 2.50 Jordan = 64.47 − 17.04 = 47.43 to go by P.R. Weir.
We open Provo Reservoir Weir and at 6 pm lower water through at 6.15 gage to 120 and every
Midway upper Canal at 1.00
at 6.50 water arrives – I adjust Midway gate and leave man on gate
Took out part of Midway Canal and cut down dirt to offset of
Left one gate
Returned to Provo spent until 2 am with Stevens and Jones discussing distribution.

T. Alkire

Total 108

Computations made by ..... Observations made by .....

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

Tabulation of Flow and Distribution of Provo River for June 1919.

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
June 18.1919													
Prov Res Canal	5 20p	78											
I phone Vivian Park at 635p gage was 91. I go ~~to dam~~													
I stop the flow through dam elevator 20 ft below dam to be 100 cfs.													
Dimmon Stream	~~8 AM~~	6r		Longer to-day									
Impromptu		76		reported by Chapman									
I turn from up 9 Leo flume upper 25 cfs thru budgate.													
Made adjustment at mouth of canyon & met stored flow													
thru Olmsted flume. Alm.													
Deducted 30 cfs of storage for Impromptu and 30 cfs for													
Ego. (storage released at 8 am)													
June 19, 1919:													
Prov Bench Ld.	830a	179											
West Union		84	34.08										
Prov Res Canal		118											
I go to Dam and turn the following:													
Prov Res storage	30 cfs for 4 hrs =			28.80									
Prov Res Pump	650 for 4 hrs =			6.25									
" " Dixon				2.50									
" " Wright Estate	550 for 10			5.00									
				42.55									
Dimmon Stream	1104a	4r	704	704									
				35.51 by gate house									
Put in plank and nailed at opening of Dimmon Stream													
I turn out upper 35 cfs from sandgate sluice way													
that is a total of 35 at sluice way.													
Not Power of Lake to put in weir to-day so we can make measurement													
Dimmon Bottom C		~~and~~ 5 00		~~Out to 00~~ Off at Lake									
~~Lake~~			50										
Balance ok													
City Power	118p	64											
Union	1 1 p	59											
Factory Power	120p	76											
Dry Creek asks for more water, Mr Farrer agrees to put in													
the gate at Farrer Road Dam to-day.													
~~Flat~~ Field calls for more water.													
At 9 pm I turn from Spring Creek to Fort Field.													

Total 107

Computations made by R. P. Wentz

Observations made by R. P. Wentz

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

Tabulation of Flow and Distribution of Provo River for June 1919.

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.

June 20, 1919. — Went to buckyard at 6 30 am running long enough water to run for Dry Creek & N Field.
Phone into to Lake.
Impingo 930a 9r

Water from Stickney & Up & Lbo same as yesterday except that Lego 3 cc Ans 4 p = 2.88 is added = 35.51
2.88
38 39 = Gage height of
17 1/8 over Bowgate weir, requested Mr. Stone to repair weir and turn to this amt.
U&L gage 1038a 58
Turned N Fork water approx 4 p.o. — cut off. (Mail schedule & Column)
I allow Deseret to take small stream tonight and tomorrow on account of Prov Reclam water right they have acquired Round Valley Creek & River.
Lower Charleston 1140a 148 Cut to 12 cfs.

Warnock Canal	1140	74	41.76	
N Field	1320	72	32.40	
Impingo	1400	150	stamped mark 158	
River below Was. Dam	1500	121	Round from & Warnock Canal	
Prov Res Co Weir	2270	134	5.30	
approximate distribution —				
Warnock				30.67
N. Field				32.71
Impingo slough 30 Ans 4 p =				28.80
Midway				20.17
Up & Lbo Tunnel 6.50 less 4 p				6.25
Prov Res Ev. 30 Stev. 6.5 Tunnel less 4 p				35.04
Lego 3 slough Ans 4 p =				2.88
Dry & Res Weir 6.25				196.52
35.04				
20.17				
64.46				
Less by Was. Dam 17				
47.46				
2.50 J & Fork				
49.96				

Lost Prov Res Weir to 126 = 47.46
Midway Creek Ditch 330 0.50 Round
Lower Ditch 420 at 15 cc cut to 10 cfs approx.
Creek & Midway J. Dam 430 185
upper Charleston Canal weir floating discharge approx 15 cfs.
Spring Creek Bypass 500 0.98

Total 106

Computations made by F H Wentz

Observations made by F H Wentz

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

Tabulation of Flow and Distribution of Provo River for June 1919.

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.

June 20, 1919. (Concluded)
Examined weir from gate house of U.P. & L. Co. — not a sufficient weir
Prov. Res. Canal 730p. 138
" " Lt #1. 730p 60
Engaged Gaylen Bond as assistant on Weights Division $140 per mo

June 21, 1919.
Bond reports.
Warren 76
N. Field 66
Confluence 162
Weber & Dam 110
P. Res. Weir 132
Prov. & Lower Midway 176
Sp. Ck. & Tributaries 112

Knight reports Burning Washed out — decay & exchange this night for storage. — I call Clerk & tract of storage bell on account of Prov. Res. Co. taking no flow of Provo Natural flow.
June 23, 1919 — Spent some time over Spring Creek regarding regulations.
Little Dry Creek 321p 57 5.80
Farmer Rose 330p 33
Early Rose 340p 54
Water has been changed Mr Perry states Cty will use all water for irrigation for week
Made adjustments of Dry Creek gates
Started Regular of Heilman at 7 pm.
U.S. Union 705p 24
Wand & Ell. 714p 55 11.65
Confluence 719p 88
Wand & Ell. 740p Revised.
Prov. Res. Canal 757p 147
West Union 805p 73 27.24
Prov. Bench 20 815p 178

June 24, 1919: Prov. Res. Co. requesting me they have right to use of U.P. & L. Co. Canal Water at Tailrace. I call whistling and authorizing him to take water today at noon, his right is 2.50 cubic feet per second and 20 acres Prov. Res. Co. which Prov. Res. Co. authorize me to turn 15 cfs flow from flume to P. Res. Co. — this is under belief of Blue Cliff rights and is hereafter referred to as "Concession"
Included Bond to cut and use all poles off schedule and reduce cards that have specs of awards.
Spent most of forenoon at office

Total 105

Computations made by J. F. Wentz **Observations made by** J. F. Wentz

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

Tabulation of Flow and Distribution of Provo River for June 24,1919.

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
L. Dry Creek	1130a	62	6.57	7.67	..		7.67			6.50		.07	
Provo City:													
Tanner Race	1141a	54	11.32										
City Race	12M	104	17.27										
City Union	1219p	92	25.43	60.18	;;	...	60.18			51.40		4.67	
Factory Race	1221p	est.	2.00										
Water works assumed			6.00	6.00			6.00			6.00			
E.Riv. Bottoms			16.21	6.04			6.04			5.10		11.11	
Dixon Ditch	1214p		.90										
Young Ditch	1244p	est	.60	2.04	..	..	2.04			1.70		1.00	
Baum Ditch	1245p	70	2.10										
U.E.U.& F.Fd.	148p	68	16.24	14.	2.00		16.00			13.90		2.34	
Timpanogus	153p	96	16.22	12.83	2.00		14.83			12.90		3.32	
West Union	303p	73	27.24	30.16	...	..	30.16			26.20		1.04	
Barton & Young	259p	est	.60										
Park & Nuttal	305p	39	2.61	2.31	..	..	2.31			2.30		.090	
West side & Ft. Field	318p		17.	26.00		4.00	21.00			18.00	1.		
Provo Bench Canal		176	80.56							82.80	2.24		
Provo B. Company				69.02	6.		75.02			64.80*			
Provo Reservoir Can.	230p	1.52	59.64							75.00	15.36		
Provo Res. Latl.			00										
Total		"A"	308.51	236.25"B"			10.	4.					

Storage & Tunnel water:- Provo Res. Storage 28.80; Sego Storage 2.88; Tunnel Water to Provo Res. Co. 13.00; Provo Reservoir Wright & Dixon water 7.50; total is 52.18 from "A" is 256.33 Natural River.

And P.R.Co. Blue Cliff Right is 50. added to "B" is 286.25 and the differ- in trans. loss and gain is 6 loss.

Then Loss 6. @ water works 6, from natural Riv of 256.33 is amt to pro rate; and is 244.33 and ~~244x33~~ and 244.33/ 286.25 is 85% and the distribution is shown on right of blue line.

Provo Reservoir Co. are taking thru Provo Bench canal 18. cfs. and have acquired leave for a period to divert from Olmstead flume to their canal up to 15.cfs.

Sub-total . . . . . 301.80 and

here is 6.71 of Provo Res. Co. Blue Cliff thru Olmstead Plant that is not vailable to there canal until pumping units are fonnected up, this amt s held as a reserve.

Reserve 6.71

See Remarks Sheet

Countersigned T. F. Wentz

Total 104 308.51 25.3124.45

Computations made by T. F. Wentz

Observations made by T. F. Wentz

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

Tabulation of Flow and Distribution of Provo River for June 24,1919.

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent ~~Added~~	Amt. ~~Added~~ Pro rate 85% cfs.	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
Revised to conform to Standard form.													
Provo Bench C	318p	176	80.56							82.80	2.24		
Provo Bench Co.				69.02	6.		75.02		58.80	64.80			
Provo Res.Co. thru P.B										18.00			
West Union	303p	73	27.24	30.16			30.16		25.60	25.60		1.64	
Park & Nuttal	305p	39	2.61)										
Baryon & Young	259p	est	0.60)	2.31			2.31		2.00	2.00		1.21	
Timpanogus	153p	96	16.22	12.83	2.		14.83		10.90	12.90		3.32	
U.E.U.&.F.Fd.	148p	68	16.24	14.	2.		16.00		11.90	13.90		2.34	
~~Cluff,Dixon,Young~~													
Young Ditch	1244p	est	.60)										
Baum Ditch	1245p	70	2.10(	2.04			2.04		1.70	1.70		2.25	
Dixon Ditch	1214p	est	.90(										
Cluff Ditch	216p		.35)										
Tanner Race	1141a	54	11.32										
City Race	12m	104	17.27										
Union	1219p	92	25.43										
Factory Race	1221p	est	2.00										
			56.02	60.18			60.18		51.20	51.20		4.82	
Provo City Waterworks assmd				6.00			6.00		6.00	6.00			
	1130a												
Little Dry Creek		62	6.57	7.67			7.67		6.50	6.50		0.07	
Lake Bottom, Spr. Creek And Fort Field			17.00	26.54		4	22.54		22.50	18.50	1.50		
East Riv Bot.			15.86	6.04			6.04		5.10	5.10		10.76	
Provo Res. Co. Subject to Pro Rate													
Blue Cliff				50.			50.		42.50	42.50			
Dixon				2.50			2.50		2.15	2.15			
Wright				1.00			1.00		.85	.85			
P.R.Co. Not subject to Pro Rate													
Round Valley Creek				3.47			3.47			3.47			
Wright Springs				.81			.81			.81			
Tanner Drain				2.20			2.20			2.20			
Ontario Tunnel				13.00			13.00			13.00			
Storage				28.80			28.80			28.80			
SegoStorage				2.88			2.88			2.88			
Subtotal									96	.66			

And 96.66 less the 18 cfs. taken thru Provo Bench Canal is 78.66 to go thru Provo Res Canal. Provo Reservoir have acquired "Concession" of 15 cfs. to be taken from Olmstead flume by arrangement with UP&LCo. of June 24,1919.

Provo Res Canal	230p	152	59.64							78.66	19.02		
" " Lat#1	230p		0.00										

At 740pm Turned from Olmstead flume at Nunns 15cfs. to P.R.CO.-- that is there is 19.02-15 = 4.02 unavailable to P.R.Canal. 74.64
Total 300.84 that is there is 3.65 Reserve and 4.02 P.R.Water a total reserve of 7.67, making agrang total of water in the Utah vealley of 308.51

Adjusted Provo Res. Co. Dam. Adjusted Timpanogus Gage plugs.
Sego request storage reduced to 2.50 at reservoirs.

T.F.Wentz

308.51

Total 103

T.F.Wentz

Computations made by .....

T.F.Wentz.

Observations made by .....

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

Tabulation of Flow and Distribution of Provo River for June ~~1919~~ 1919.

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
June 25.1919 – I & Jeff Higgs at Lake and have Timpanogas Gage Cut to 27.50 cfs and Deer Creek Cut to 2.5 cfs.													
I & Parmal calls and reports Lake Bottom and Sev. I go over Spring Creek.													
Tanner Ditch	935a		00										
" Weitel	937a	26	.89										
" Co "	940a		0.25										
Clyde Ditch Cut from			40		Cut to 2 cfs. at 955a								
Clyde & Dromedary Ditch	1000a		00										
Brown Ditch	approx		60		Cut to 2 cfs at 1014a								
Fort Field. Here I meet Mr. James Fisher and we see Little Cy Creek people and arrange to take some water by Ray Creek Dam. I turn by Tanner Ray Dam an additional 4 cfs.													
Provo Bench	1056	176		Running									
West Union	1080	69	24.90										
Park & Mutter	1090		00										
Provo Reclam	2050	178	76.50										
" " Lat #1.	2050		00										
Timpanogas Line I wire from Provo Res. Dam. Cut ~~[illegible]~~													
June 26.1919 Meet Board in Canyon													
Lower Charleston	940a	141	21.73	Cut to 15 cfs and left water on gate									
Upper Charleston	1130a	30	9.18	1 cfs leg. and store 2 cfs Water water from store									
S. Fork & Boyer Ditch	1150a	108	20.52										
Meet Stover at Duncan Hotel he reports following:													
Round Valley Creek below Whiting Dam							0.19 cfs.						
Right Bank Ditch							1.73 cfs						
Left " "							1.05						
Total Rd Valley Creek							2.97 cfs						
Timpanogas	2380	160	29.91										
Wakefield	3000	82	49.23	By Montgomery									
N Field	3000	64	27.22	" "									
Provo Res Weir	2350	119	43.20	By Stover & Oliver									
River & Wakefield Dam			17.00										
			166.56										

Total 107

Computations made by F. F. Wentz

Observations made by F. F. Wentz

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

Tabulation of Flow and Distribution of Provo River for June 26, 1919

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Est. Tot.	Correction at Station Add.	Ded.	G. M.
Distribution Weekly Rem.													
Orlando Turnout			18.50										
Impounding Res 2750 Loss 4%			26.40										
Provo Reservoir			28.80										
Lake Shore			2.40										
			76.10										

76.10 from 166.56 = 90.46 Natural River and Shortline up Canal Res
9.18 makes a total of 99.46.
and

Warnock				41.67	L. +3.5 Bellyflow.					50.67			83
N. Field				35.71	-3.00 " "					32.71			2.25
Charleston				10.29	Cannot make adj from Field								
Midway	5	+5.5	Turn							10.50			
Provo Res. & Lake Shore		28.88	2.40	+6.50	June					37.70			
up & Res. Tunnel				6.50						6.50			
and Midway up			10.50										
Provo Res & Lake.			37.70										
up & Tun			6.50										
Provo Res Weir			54.70	ft. Less the 17 by Warnock Rem = 37.70 by Lake									
and Amt by up & Rem is:													
Provo Res Storage				28.80									
Lake Shore				2.40									
Provo Res Tunnel				6.50									
Dixon Water 25 less 15%				2.12	Provo River on 85%								

Wright Estate is 3 crops and Spring of 1.00 = 4.00 out on 85% = 3.40
and concession of 15 ac. = total of 58.22 less Common Ditch
of 7.04 is 51.18 "B" to go by Sandgate and Nunes.
Dist Impounding Lake at 35 ft. .09 at Gage plug at back and
leave note to Moulton.
Cut Provo Res Weir to 109 at 4.10 ft
Orlando Tunnel 5.16 ft 1.60 1.567 by Meter Mat.
And by data on Orlando Tunnel we have to Midway the same as shown
to Provo Res. 60. 1.567 - 5.5 ÷ 2 = 5.08 and up & Res. 5.08 or 2.83 less
from 37.70 "A" = 34.87 to go by Provo Res. Weir = (34.87) 1.04 and
51.18 "B" to go from up & Res flume less by (6.50 - 5.08) =
1.42 = 49.76
Bond adjusts Provo Res Weir to 10.4 at 6.45 ft.
Warnock 6.52 ft 8.3
North Field 6.74 ft 6.4
Cannot account for these readings - unless river is falling
or some new diversion is made above
at 7.22 from Tunnel from Spring Creek to Upper Charleston
approx. 4 cfs.

Total 101

Computations made by P. F. Wertz

Observations made by P. F. Wertz, Taylor Bond.

vs.
Provo City et al

2888 Civil

Tabulation of Flow and Distribution of Provo River for June 1919.

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. M.

June 27, 1919 – I have finished New schedule for River Bottoms at Land of Bottoms – Mr Stowe says 1 cfs for each in bottom of flume near Provo. I call Climaxide Plant operator states they are still running. My report was recieved I a close down. Water was turned out of flume and all canals below tailrace – shut down for a period of about an hour.
Delivered River Bottoms schedules to Fed Ferguson other 2 pm

June 28, 1919 –
Made new schedule for City Creek, and sent by registered mail – receipt delivered to Jesse Curtis – Bank Co. City

Little City Creek	1105a	58	5.95
Dancer Rose	1058a	58	6.60
City Rose	1119a	64	9.10
Union	1126a	84	21.95
Factory Rose	1128a	est	1.50
			39.15

River Bottoms I. 1320p 70 Mr. Strom and Thompson in party at my request. Followed ditch down and found water on sugar beets of George Boyce. Met Mr Boyce and talk matter over, Return to Lab
River Bottoms I. 1220p 60 6.03 Turned off at 1420p Go to River and have complaints down and sworn to by Mr. Thompson.
Mr. Boyce arrested and taught before Judge Tuckett, trial set for July 1st 130 pm
Utah Power & Light Co. report work in flume again to-day, canals are down again, water later over 1 hour left down, at 8 pm conditions about normal again
June 29, 1919 –

Dancer Rose	704a	45	8.48
City Rose	715a	84	12.90
Union	721a	80	20.29
Factory Rose	724a	est	1.50
			43.17

Utah Power	75/a	66	15.56
River Bottoms I.	757a		I find Gordon with "E" in – shut off at 810a also "F" Mr Gordon says he took water at 645a
River Bottoms Conf	825a	176.	75#

I adjust gates at mouth of Canyon to turn to City – the old channel and into thru flume.
Calculated on 75% of Second Right Provo Reservoir stated here. Turned 10.17 Storage 34.05 weight ~~40 cfs~~ 40 cfs union 75% of 250 = 187 Below Cliff 75% of 50 = 37.50 – total 34.57
Total Less 16 thru Provo Canal = 68.59. I have up 9 cfs like 6.44 more thru flume I have oliver cut more. Went to 11 miles

Computations made by 100 T F Wentz

Observations made by T F Wentz

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

Tabulation of Flow and Distribution of Provo River for June 30, 1919.

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Ga'n	Dec'd at St.	P. Cent ~~Added~~ Pro rate	Amt. ~~Added~~	Est. Tot.	Correction at Station Add.	Ded.	G. H.
Revised sheet to conform to Culine of distribution.													
								70%					
Provo Bench Co.				69.02	6.		75.02		48.60	54.60			
Pro. Res. Co. thru P. B. Can							15.00			13.00			
Tot. Thru P. Ben.	1147a	163	71.50							67.60		3.90	
West Union	1135a	62	21.12	30.16			30.16		21.10	21.10		0.02	
Park & Nuttal	1137a	34	2.10)										
Barton & Young	1130a		0.00)	2.31			2.31		1.60	1.60			
Timpanogus	1057a	78	9.50	12.83	2		14.83		9.00	11.00	1.5		
UEU&FFD.	1053a		13.50	14.	2.		16.00		9.80	11.80		1.70	
Dixon Ditch	920a		00)										
Young Ditch	948a	42	1.42(	2.04			2.04		1.40	1.40		.22	
Baum Ditch	955a		0.00(										
Cluff Ditch	1044a		0.20)										
Tanner Race	839a	60	13.40										
City Race	849a	91	16.03										
Union	913a	87	23.27										
Factory Race	915 a	est	1.50										
			54.20	60.18			60.18		43.30	43.30		10.90	
Provo City Waterworks ass.			6.	6.			6.		6.	6.00			
Dry Creek	828a	58	5.95	7.67			7.67		5.40	5.40			
Fort Field, Lake Bot & Spring Cree			14.92	26.54		4	22.54		18.50	14.50			
East Riv. Bot.			5.25	6.04			6.04		4.20	4.20		1.05	
Prove Res Co. Subject to pro rate:-													
Blue Cliff				50.									
Dixon				2.50									
Wright				1.00n			53.50		37.40	37.40			
And Not subject to Pro Rate													
P.R.Storage				28.80						28.80			
Sego Storage				2.88						2.88			
Round Valley Creek				2.94						2.94			
Wright Springs				.81						.81			
Tanner Drain				2.20						2.20			
Ontario Tunnel Water				10.17						10.17			
Provo Reservoir Total										85.20			
85.20 less the 13. thru Provo Bench is 72.20 to go thru P. Res. Canal													
Provo Res. Can	1126a	163	66.50							72.20	5.70		
" " Lat1	1126a		00.										
Reserve for dropping river										12.06			
Total 99			272.16							272.16			

Computations made by T. F. Wentz

Observations made by T. F. Wentz

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

Tabulation of Flow and Distribution of Provo River for June 30,1919.

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
Little D. Creek	828a	58	5.95	7.67			7.67			5.40		.55 ~~2.22~~	54
Provo City:	Total		54.20				60.18			43.30		10.90	
Tanner Race	839a	60	13.40										
City Race	849a	91	16.03										
Union	913 a	87	23.27										
Factory Race			1.50										
Dixon Ditch	920a		00.										
Young Ditch	948a	42	1.42	2.04						1.40			
Baum Ditch	955a		00.										
U.E.Union &FFd.	1053a		13.50	14.	2.		16.			11.80			
Timpanogus	1057a	78	9.50	12.83	2.		14.83			11.00	1.50		87
Barton & Young	1130a		00	2.31			2.31			1.60			
Park & Nuttal	1137a	34	2.10										
West Union	1135a 1147a	62	21.12	30.16			30.16			21.10			
Provo Bench Can.		163	71.50							67.40		4.10	
Provo B. Co.				69.02	6.		75.02			~~67.40~~			
Provo Res. Thru P. B.Can.				13. sec.ft.									
River Bottoms	am		5.45	6.04						4.20			
West Side & Ft, Field			12.20	26.		4.	22. ~~18.~~			14.20	2.20		
Waterworks assumed			6.00							6.00			
Provo Res. Can.	1126a	163	66.50							69.12			

Storage & Tunnel Water:- Provo Res. Storage 28.80;Sego Storage 2.40;
Tunnel Water to Provo Res. Co. 10.17. Provo Res. Co. Wright water 4.;
Dixon water. 2.50 less per cent of decreed rights = 1.75

Total 269.44 less total of storage and tunnel water and wright water is 269.44 - 45.37 is 224.07 natural river.
Total of defendant Class "A" rights is 236.25 plus the dixon water is ~~2222~~ 238.75, and the difference in loss and gain in canals is 6, and 224.07 - 6. is amt to pro rate, with the defendants and the Prov Res. Co Blue Cliff right. and on account of rapidly falling river I hold a reserve, and make distribution on 70 per cent of awarded rights.

Reserve on account of dropping river 12.92

Revised

T. F. Wentz

Total 98 ~~269.41~~ 272.16 269.44

Computations made by T. F. Wentz Observations made by T. F. Wentz

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

Tabulation of Flow and Distribution of Provo River for June 30, 1919. Sheet 2.

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Est. Tot.	Correction at Station Add.	Ded.	G. H.
River Bottom—													
O.	1010a	out	5.00	Just turned out get circled									
M.	1015a		0.0										
N	1017a		0.0										
K	1030a		0.0										
H &	1034a		0.0										
L	1036a		0.25										
J.	1038a		0.0										
D.	1047a		0.0										
B.	1003a		0.0										
F.	1104a		0.0										
E.	1105a		0.0										
A.	1106a		0.0										
C.	1107a		0.0										
			5.25										
James W. Lilly	135p	30	1.11										
" Plume	136p		0.0										
" E. Lilly	140p	33	1.61										
Clyde Lilly	208p	50	3.40										
Benson	221p	out	1.50										
Steve Jones	224p		0.0										
Partridge	330p		0.0										
Dan Lyell	338p		0.0										
Henry Lyon	339p		0.0										
Lot Bodell Heirs	337p	40	5.56										
Fort Field	329p	46	1.76										
			14.92										

F. H. Wentz

Total 17

Computations made by ..... Observations made by .....

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

Tabulation of Flow and Distribution of Provo River for July 1919.

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.

July 1, 1919. – Bond reports yesterday's gages.
Prov Res Co. 83½a 159
I authorize Mr. Oliver & Upp & Bo. to turn from flume & River 360
Cfs. – that is raise gage at Nunns to 12½ inches.
July 2. 1919.
Over system in morning
Fort Field 112p 66 2.81
Dry Creek 733p 58 5.95 Cut & ~~Set~~ off 54 at 740p.
Went first to Dept Office at 8 from turned more water by Tanner Dam. Lt. Burnell calls and requests more water for Lake Bottom Canal – we arrange & go over system & another afternoon Talk with Knight over phone he reports – filling mine – & instruct him to cut off 1st Class rights to 90 B. Second.
July 3, 1919.
Leave for Heber 8 am. Arrive Heber 630 am
Wasatch Canal 85½a 75 47.75 Met Clegg & Bond
N. Field 853a 78 23.00
Tanner Dam 845a 151 26.40
Prov Res Weir 908a 104 34.92
River at Rom 920a 105 17.00
144.07

Storage Water:
Prov Res Co. 29.80
Sego. 2.40
Tanner Dam 26.40
Wasatch 9.60
67.20
Burnell Water 15.67
82.87

144.07 – 82.87 = 61.20 Natural River

Distribution Natural River

Wasatch	41.67 6	37.92 – 46 Low + 26 Alt + 3.32 Alt = 46.52
N Field	35.71	23.92 – 3 Bushy Mea 20.92
Mulberry & J F	5.00	3.35 + 5.5 burnel = 8.35
Totals –	82.38	

Wasatch Canal	46.52 – 83+
N Field	20.92 – 54
Prov Res Co. 28.80 stor. Sego. 2.40; Burnel 5.08	36.28
Upp & Bo Flume	5.08
Mulberry & J F	8.35
Tanner Dam storage	26.40
	143.55

Prov Res Co.; Sego; Upp & Bo. & Mulberry = 49.17 Low 17,
by Rom = 32.17 to go by R P Weir = ~~Set~~ 99 I have Bond set gages as above
Total Running Mulberry as ~~Set~~ 46.
96

J F Wenk
Computations made by Taylor Bond

J F Wenk
Observations made by Taylor Bond

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

Tabulation of Flow and Distribution of Provo River for July 31 1919

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Est. Tot.	Correction at Station Add.	Ded.	G. H.
Wis Below Diversion	1200p	61	696		1 x 4	Suppressed	Weir						
Common Ditch	1209p	43											
Impromptu higher by gage at best at 1227p													
Prov Res Canal	1231p	160											
" " Lat #1.	1231p		00										

Went L. L. Burnell & go over bank of Lake Bottom Canal. This side of river is failing, no water passing back of Clyde Ditch. There is no flooding unless possible to divert water from East side to supply Lake Bottom Canal & do not think it wise to try & bring water down river bed from mouth of Canyon on account of the gas ore. I have considered this matter thoroughly, and decide to take water down West Union Canal to Spillway at Solomonsky's and there turn to river. Sam Carter has cancel ditch herding at High Banks, & work length of water with Plug let flow with surface.

At 515p I turn more water to West Union Canal

West Union	535p	68	24.36

At 6pm I turn over Solomonsky Spill offer 3 cfs making West Union at proper amt. Then set gage Plug below in Canal, at 630 water arrives and I turn over Spill approx 7 cfs

West Union	719p	78	30.18	I go to lead and cut to offer 28. - that is 21 for West Union and 7 over Spill to Lake Bottom Canal.

July 4 1919. I have spent morning until 730am over Spring Creek getting the water down to Lake Bottom Canal, took out foot of Clyde Ditch Dam. Took at Clyde - Jones Ditch Dam. Adjusted Burrow gate

Took out stone Jones Dam.

" " Partridge Dam.

Farmer Rose	758a	43	8.00
Cecil Rose	809a	73	13.50
Union	815a	76	18.07
Factory Rose	817a	at	15.00
			41.67
~~Wesuch~~	843a	79	13.04

Impromptu Ok at Weak

Prov Res Canal	927a	160	
" " Lat #1.	927a	00	00

Total

Observations made by F. F. Wentz

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

Tabulation of Flow and Distribution of Provo River for July 1919.

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Est. Tot.	Correction at Station Add.	Ded.	G. H.
July 5, 1919. I phone Knight to adjust canals to 60% of awards make out new schedules Spring Creek and deliver part of them. Went on system in evening.													
July 6, 1919. Made adjustments along Spring Creek and talked with parties in forenoon.													
Farmer Ditch	1137a	40	7.14										
City Ditch	1152a	68	10.00										
Union	12M.	72	17.16										
Dairy Ditch	1202p	est	1.50										
			35.80										
U&UWT&R.	1232p	58	12.61										
Improvement	1249p	80	10.89										
River Bottoms	O.M.M.K. H.H. & J.B.												
T.F.C			do.										
J.		est	6.00										
Adjusting on 60% Award & cut U&UWT&R at 115p to 10.60													
Provo Res Canal	130p	162	65.38										
" " Lot #1.	130p		do										
West Union	159p	68	24.36										
Provo Bench Co.	210p	148	53.77										
Adjustment of Main Canals.								~~60~~ 60% P. Rate					
Provo City			35.80	60.18			60.18		36.10				
U&UWT&R.			12.61	14	✓		16.00		8.40	10.40			
Improvement			10.89	12.83	✓		14.83		7.70	9.70			
West Union			24.36	30.16			30.16		18.00	24.00	6 to Lots Bottom		
Provo Bench			53.77	69.02	6	+13.00	69.02		41.41	60.41			
Provo Res Canal			65.38							66.42			
			202.81		10.								
(See distribution in field Farmer Drain right was omitted.)													
I have up to date cut Spill at Nunns from 12" to 11¾" I phone John Corbin at Nunns to make this change of 320 p.m.													
July 7, 1919.													
City Ditch	640a	62	9.00										
Union	648a	69	16.04										
Dairy Ditch	650a	est	1.50										
Farmer Ditch	700a	38	6.60										
			33.14										

Total 94

Computations made by T. F. Wentz

Observations made by T. F. Wentz

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

Tabulation of Flow and Distribution of Provo River for July 5, 1919

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Est. Tot.	Correction at Station Add.	Ded.	G. H.
Provo Bench Co.	545a	154	58.20										
West Union	600a	68	24.36	less 3.25 over Spill = 21.11									
Park & Nuttall	602a	43	3.23										
Bolin & Young	607a		00										
Provo Res Canal	610a	156	61.50										
" " Int #1.	610a		00										
W & W 4 ~~Ft~~	632a	53.	11.00										
Jorgensen	636a	76	9.90										
Young Ditch	712a		0.50										
Brown Ditch	712a	90	1.24										
Dixon Ditch	732a		00										
City Race	730a	67	9.90										
Union	737a	72	17.16										
Tailing Race	740a	50	1.50										
Tower Race	802a	52	11.08										
			39.64										
Dry Creek	814a	46	4.70	Paired									
River Bottoms:													
C	615a		00										
D	616a		00										
E	617a		00										
F	618a		00										
G	622a		00										
H	623a		0.10										
I	627a		0.10										
Hr	627a		0.10										
	644a		0.70										
J	648a	75	7.50										
K	658a		00										
M	659a		00										
N	700a		00										
O	702a	22	0.15										
			8.15										

Meet Mr. Hamblin at Bottoms Cafe - We go up to Young & Brown ditch. Find water on Jenks Brown land - Brown ditch flume over City Creek 10 wide. 6 deep Vel. 2 sec = 1.24 cfs. No one present. water on where Beets and Raspberries Turned off at 945a. Small flume from Young ditch on alfalfa.

Fort Field	1028a	70	3.10										
Lake Bottom Comp.	1040a	78	12.54										
Gerry Taylor Ditch	1048a		00										
Over Spill	1048a		00										
Palmgren	1052a		0.90										
Olive Jones	1101a		00										
Tower W. Ditch	1115a	35	1.39										
" Flume	1117a	80	.80										
" E Ditch	1119a		00										
Over W. Union Spill	1127a		3.25										
Clyde Ditch	1146a	70	4.60	Turned off.									
Brown Ditch	1205p	22	1.25	Dr several Sections turned off.									
			21.93										

Note: It appears to have risen a worse - so diverged ditch for the day. Get new measurement.

Total 13

Computations made by T F Wentz

Observations made by T F Wentz

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

Tabulation of Flow and Distribution of Provo River for July 9, 1919. Revised sheet.

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent ~~Added~~ Pro Rate 60%	Amt. ~~Added~~	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
Provo Bench Co				69.02	6		75.02		41.40	47.40			
Provo Res. Thru P.B.										12.50			
Total ProvoB.	938a	154	58.20							59.90	1.70	~~0.30~~	
West Union	948a	68	24.36	30.16	5.22	To Lake Bot.			18.10	23.32		1.04	
Park & Nuttal	950a	43	3.03)										
Barton & Young	958a		0.00)	2.31			2.31		1.40	1.40		1.63	
Timpanogus	1022a	76	9.90	12.83	2.		14.83		7.70	9.70		0.20	
UEU&FD.	1017a	53	11.00	14.00	2.		16.00		8.40	10.40		0.60	
Baum Ditch	1057a		0.00)										
Young Ditch	1057a		0.00(										
Dixon Ditch	1127a		0.00(	2.04			2.04		1.20	1.20	1.10		
Cluff Ditch	1007a		0.10)										
City Race	1110a	72	11.03										
Union	1130a	75	18.36										
Factory Race	1132a	est.	1.50										
Tanner Race	1152a	47	9.14										
			40.03	60.18			60.18		36.20	36.20		3.83	
Water Works.assumed			6.	6.			6.			6.			
Dry Creek	1202p	52	5.05	7.67			7.67		4.60	4.60	.45		
Fort Filed	116p	68	2.74	6.38			6.38		3.80	3.80	1.06		
Lake Bottoms	137p	62	9.59	14.16			14.16		8.50	8.50		1.09	
Spring Creek	p.		6.77	6			6.		3.60	3.60		3.17	
East Riv Bot.	a.		4.75	6.04			6.04		3.60	3.60		1.15	
Provo Res. Co.													
Subject to Pro Rate;													
Blue Cliff				50.									
Dixon				2.50									
Wright				1.00			53.50		32.10	32.10			
And Not Subject to Pro Rate:													
Rd. Valley										2.94			
Wright Springs										.81			
Tanner Drain										2.20			
Ontario Tunnel										10.17			
P.R.Storage										28.80			
Sego Storage										2.40			
Subtotal Provo Res Co.										79.42			
And 79.42 less the 12.50 thru Provo Bench Canal is 66.92 to go thru P.R.Canal.													
Provo Res. Can.	954a	156	61.50							66.92	5.42		
Reserve										3.88			
Grand Total			237.80							237.80			

Total 97

Computations made by F. F. Wentz

Observations made by F. F. Wentz

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

Tabulation of Flow and Distribution of Provo River for July 9, 1919.

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
July 9, 1919.													
River Bottoms:													
C.	1001a		00										
	1002a		00										
	1003a		00										
	1004a		00										
	1006a		00										
	1012a	40	9.10										
	1031a		0.20										
L.	1034a	60	4.30										
K.	1046a		00										
M.	1048a		00										
N.	1048a		00										
O.	1049a		.15										
			4.75										
Spring Creek.													
Geo. Taylor L.	1496		00										
Owen Spiel	1496		00										
Palmberg	1.56		0.60										
Steve Jones	2104		00										
Brown Ditch	2144	80	2.06										
Clyde	2304	50	.99										
Tomer W. Ditch	2534		00										
Tomer Plum	2554		00										
" 6 Ditch	2594		3.12										
Owen W. H. Spiel	3164		5.22	Gate has been changed.									
			677										
July 10, 1919.	On	time	of Brown Canal	4 p.m.									
On Request of O. C. Blaisen			upon Sego Wash	0.75 × 3									
Sego.	612	4.18	316										

July 8, 1919 Called Tribes and told Sego would be 3.00 at Pen & by Impromptu slough cut 00 at 8 p.m. yesterday Wasatch Prison 19 at 8 p.m.

July 12, 1919; Samuel Reiche stole a turnout between 7 & 8 - opened the "Horner Ditch". Bench reported Sam Reiche had water out in Lake Creek Bench July 11, 1919.

J. Brown Well 1000a 17.3

Filed Complaint against Reiche He is placed under Bond to appear July 14 at 10 a.m.

I have Mullin cut out Impromptu at 12 noon - I go over upper River with Bond & Knight. Knight will cut Washington to 5.5 cfs tomorrow morning. Go over Kamas Bench.

Pum Pro Wash	326	18	Cut to 120
Wasatch	336	70	3.76
O. Field	338	42	14.14 / 51.40 No change on account of Unwelled River

McTurm Reports Pum Pro Co will release 7.5 cfs + the stores.

Total 91

Computations made by D. F. Wert

Observations made by Taylor Bond.

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

Tabulation of Flow and Distribution of Provo River for July 13, 1919.

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
July 13, 1919. at 430p			out	out of West Union & put to 200 cfs									
Prov Reservoir	4430	154											
West Union	452p	71	2604										
Provo Canal	456p	157											
" " Lot #1.	456p		000										
City Union	520p	25	1836										
Factory Race	522p		150										
City Race	546p	71											
July 14, 1919.													
Mr. Olmen Ernest Office at Provo he reports Provo Valley Creek at													
955a 2.01 cfs													
Weir below Orchard	1148	5.5	5.44	0.10 cfs.									
Sandgate Weir		67	11.46										
Provo Canal	200p	42	5.29										
Plumes Weir		11 5/8"	3330	10' x 2' Suppressed.									

Gages Read by Clegg for July 13, 1919:—

Washington Lake	6p	71.	848 cfs.
Deep		25.5	857
Wolf		7.—	293
			1998.

Total storage estimated at 1800 Reservoir holes do not hold out at bottom.

Summary of Storage;

Impounding Owned		1587
Prov. Res. Co.	"	1712
Sego	"	137
Wasatch	"	251
		3487

1800 now available + 3487 = 5287 total storage deficit 474 was in Fort Lake & North Fork owned by Pr. Res. Co. Other Impounding should have derived 1/4 of 4817 = 1204. and of Union Res. Water Purchasers have 1/28 of 4813 + 474 - 2538 less the 1712 drawn = 826 cu. ft. less the 96 acre feet allowed to Whiting and Reiske (Note: observe I have given P.R.Co., all of Summary within reasons distribution with deducting for Reiske & Whiting) after they have 730 acre ft left at Reservoirs and drawing 60 cu ft per day until last to July 26 of 5 cu at Reservoirs, and Cache at Utah Valley July 25 at 5 p.m.

F. Wentz

Total 90

Computations made by .....

Observations made by .....

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

Tabulation of Flow and Distribution of Provo River for July 1, 1919.

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
July 15, 1919:—													
Provo Bench Co.	847a	158											
West Union	857a	70	25.56										
Park & Butler	902a	43	300										
Provo Res Bench	908a	16											
" " Lot #1.	908a		00										
Butler & Young	911a		00										
Wells & Pr.	923a	57	10.68										
Improvement	926a	76											
City Power	949a	56											
Union	1001a	64	14.38										
Factory Power	1003a		150										

I return to mouth of Canyon observing balance of River Below Lower Gift in lifted gates, I claim and let Provo Bench & West Union this night to use only to proper amt.

Power Bottom

C	915a	00
D	916a	00
E	917a	00
F	918a	00
G		00
H		00
mnok.		00
J.	1050a	60

Regarding the amt I water over dam to supply the Canyon right I have requested the Stimes to have it ~~[illegible]~~ him this water over at 5 pm July 17.

F. Wright

Total 89

Computations made by .....

Observations made by .....

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

Tabulation of Flow and Distribution of Provo River for July 16, 1919.

NAME	Time	G. H.	Disc.	Dec'd Ne	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
Provo Benef Co.	6:00a	15											
Cent Bench Ditch													
Cully Pipe	6:30a	63											
" Union	7:00a	72	17.16										

Mr. Whiting is unable to get all of water from Round Valley Creek about ½ of gross by Dam, for figures Mr. Whiting will use 48 hrs instead of 36.

Wasatch Canal	2:05p	83	50.22
N Field	2:07p	45	15.60
Rio Uas. Dam	2:12p	115	19.50
Provo Res. Weir	2:30p	102	33.84
			119.16

By Bond not Bond at Plant, 2:40p.

Drainage Water	Provo Res Co.	28.80
" "	Rego.	2.88
" "	Wasatch	18.24
Tunnel Water		15.57
		65.49

from 119.16 = 53.67 Natural River.

Not allowing 4 cfs to Wasatch for Lake loss 49.67 } ~~to Provo~~.
and Wasatch not among
N Field 41.67
Midway & J.F. is 25.71
5.00
87.38 and 49.67 / 87.38 = 60%

Total Wasatch Permit is	25. + 18.24 Str. + 4 loss + 3.00 Billy Mac	= 50.24
" N Field	is 21.43 − 3.00 Billy Mac	18.43
Midway & J.F.	is 3.00 + 5.5 Tunnel	8.50
and Provo Res Lake	28.80 St. + 5.08 Tun.	33.88
" Rego "	2.88 St.	2.88
upper Lake	5.08 T.	5.08
and Midway & J.F. Lake		8.50
		50.34

82
50

and 50.34 less 17.00 by Wasatch Dam = 33.34 to go thru RR Weir 101

Made adjustment as above

Wasatch	3:22p	82	
N Field	3:27p	50	
Snake Creek Tunnel	4:41p	1.00	17.04
Snake Cr. Off Tun	5:35p		46.50
Lake Creek	6:00p	30	2.31
Perkins	6:05p	35	2.15
Lower Hatch	6:30p	40	0.24
upper "	6:36p		.84
Hatch Power	6:45p		8.00
Memorial	6:44p		.50
West Bench	6:50p		6.27
Snake Creek by Ford	7:14p	48	14.68
Wilson Lake	7:57p	23	.92
Total			88

Computations made by Taylor Bond

Observations made by Taylor Bond

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

Tabulation of Flow and Distribution of Provo River for July 16, 1919.

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
	441p												
Snake Creek Tunnel		122	12.04										
Snake Cr. Opposite Tunnel	635p		4.65										
Lavina Creek	600p	30	2.31	0.15 thru by-pass.									
			19.00										
Probst Ditch	625p	35	2.15										
Lower Huber	630p	est	.25										
Upper Huber	636p		.84										
Huber Ranch	642p		0.00										
Mound Ditch	644p		0.00										
West Bench	650p		6.27										
Snake Creek By Ford	720p		14.68										
Wilson Ditch	757p	23	.92										
			25.11										

Copy to E.A.Wedgwood; Wilford VanWagenen; H.L.Stoner.

T. H. Wentz Jr.

Total 87

Computations made by T. H. Wentz

Observations made by T. H. Wentz Taylor Band

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

Tabulation of Flow and Distribution of Provo River for July 17, 1919.

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	~~Protest Amts Added~~	Est. Tot.	Correction at Station Add.	Ded.	G. H.
								Pro rate on 55 per cent.				
Provo B. Can	828a	152	50.03							2.47		154
Provo Bench Co.				69.02	6.		75.02	38.00	44.00			
PRovo R. Co thru Provo B.Can				9.50					9.50"A"			
Total Thru Provo Bench Canal									53.50			
West Union	907a	69	24.90						21.82		3.08	
Over West Union Spill			5.22	(Deduct from total to get quant. to West Union)								
West Union			19.68									
West Union			19.68	30.16			30.16	16.60				
Park & Nuttal	909a	18	.88	2.31			2.31	1.30	1.30		.93	
Barton & Young	913a		1.35									
~~Provo Res. Can~~												
P. Res. Can.	921a	158	61.53						64.53	3.00		
" " Lat. #1	921a		0.00									

The Provo Res. Co have 28.80 storage, 10.17 tunnel water, and the Sego have 2.88 of storage thru P.R.Canal.; which is not subject to pro rate, And P.R.CO have 5o (Blue Cliff) Class "A", 2.50 (Dixon) and 1.00 of Wright Estate, subject to pro rate on 55% is 29.40, and Round Valley creek of 2.01 less0.03 and 9/10 of Enoch and Littel Springs is .0.90 a total of ~~xxx~~ 2.88 not subject to pro rate. Then the total of Provo Res. Co and associates is 28.80+ 10.17+ 2.88+29.40+2.88 is 74.13 less the 9.50"A" thru P.B.Canal leaves 64.63 thrugh P.R.cananl.

U.E.U.&F.Fd.	1005a	53	11.00	14.	2.		16.	7.70	9.70		1.30	
Timpanogus	1012a	74	8.46	12.83	2.		14.83	7.05	9.05			
Baum Ditch	11.06a		0.00									
Young Ditch	1101a	52	1.49	2.04			2.04	1.10	1.10		.39	
Dixon Ditch	1144a		0.00									
Provo City Total:-			37.47	60.18			60.18	33.20	33.20		4.27	
City Race	1130a	74	11.57									
Factory Race	1148a		1.50									
Union	1150a	73	17.54									
Tanner Race	1205p	39	6.86									
Waterworks assmd			6.00	6.00			6.00		6.00			
Dry Creek	1213p	52	5.05	7.67			7.67	4.20	4.20		.85	
Fort Field	7.18-19		2.25	6.38			6.38	3.50	3.50		1.25	

On account of interferences along Spring Creek a measurement of west side is defered, and the quantity of Lake Bottom Canal and Spring Creek is assumed same as 7-9-19 with the spill from West Union adjusted the same.

Lake Bottom & Spring Creek			16.36	19.66			19.66	10.80	10.80		5.56	
Reserve									~~11.08~~ 5.81			

T. F. Wentz

Total 86 229.73

Computations made by T. F. Wentz

Observations made by T. F. Wentz

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

Tabulation of Flow and Distribution of Provo River for July, 1919. sheet 1

NAME	Time	G. H.	Disc.	Dec'd at Ste	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
July 17, 1919.													
River Bottoms.													
C	748a		0.10										
Q	750a		0.0										
Q	751a		0.0										
F	752a		0.10										
G	754a		0.0										
H	755a		0.15										
H	1001a		0.10										
H	1028a		0.0										
J	1030a	70	7.43										
L	1041a		0.10										
K	1047a		0.0										
M	1048a		0.0										
N	1049a		0.0										
O	1050a		0.20										
			8.18										

L. L. Burnell, John Wilson, S. H. Clark, Norman Scott called office to stand for report of Clyde Lake Running. We go to head of Clyde Lake and follow down first water on strawberries and orchard. I and L. L. Burnell go to house, Mr. G. West states he took water at 9 am and knew he was off his time, when I went and measured L. L. Burnell measure of depth of water on Lake Bottom canal 5 3/4 inches = 7.20 cfs.
Clyde Lake 2 ft 3 x 1.59 and a small leak thru weir. Turned off at 2 pm
I adjust spill over West Union to 5.22 cfs.
Enter Complaints against G. West before Judge Austin.
I call Almstead, they report that slower Lake would not make change as Rain to-night. I call Simmons Resort they state this is agreable to-night.
Go home for rest no stops or anything else to day.

F. F. West

Total 85

Computations made by ..... Observations made by .....

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

Tabulation of Flow and Distribution of Provo River for July 1919.

NAME	Time	G. H.	Disc.	Dec'd Use	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
July 18, 1919 Resief Power Cent. 05 at head at 833a.													
Turned from P. R. Cent to Improvement 1 cfs at 8 42a.													
West Union	857a	69	24.90										
West Union Stick has been changed & readjust - on account of water conditions & Spring Creek & defer measurement.													
Adjust gate at Tanner Race Cons as per request of Mr. Thompson.													
Fort Field	950a	55		Calls for more water.									
Duck Creek	1011a	48	48										
At 6 pm Dennis Resort calls and states "Cannot agree with upstrs. we wanted take our water over Dam" at 615 p called Oliver and request him to put Dennis water over dam & also suggest that they stake River near Blue Lagoon and maintain at same height by cutting down flow thru Lodge weir.													
July 19, 1919.													
Provo Cent. Lt.	615a	155											
West Union	629a	69	24.90										
Prov Res Cons	634a	150											
Cut West Union by closing gate down Dam.													
Cut Irvin Williams 4 5 cfs.													
E. Union	730a	65	14.61										
Factory Race	739a		1.50										
City Race	740a	67	9.90										
Tanner Race	754a	45	7.66										
			33.67										
Little Dry Creek	806a	55	5.05										
I turn to Fort Field Cons about 1 cfs additional.													
Called on Henry Williams. he gives me following cuts under west side													
Sarah Williams	18 acres												
Annie Steele	18 "												
Guy Holbrook	20 "												
Other Jordan	7.00												
Lewis "	8 "												
Made out schedules and sent by registered mail see letters of this date.													
July 20, 1919 - Went over Spring Creek.													
Prov Ret. Cons	608p	71											
Prov Res. Cons	646p	150											
" " Lot 41	646p	35	1.40										
Oliver picks Dondgate weir at 3" & request turn out at 6½ tonight													
West Union	734p	65	21.12										

Total 84

Computations made by F. F. Wentz

Observations made by F. F. Wentz

vs.

Provo City et al

2888 Civil

Tabulation of Flow and Distribution of Provo River for July 1919.

NAME	Time	G. H.	Disc.	Dec'd Ne	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
July 21, 1919.													
Provo Res Canal	616a	156											
" " Lat #1.	616a		00										
Cody Rose	646a	69	10.40										
Blanchard	655a	70	16.46										
Farley Rose			1.50										
James Rose	716a	40	7.14										
			35.50										
July 22, 1919.													
Storage July 21, 1919. 12 from										84.			
Provo Res Co Balance			250										
Sego "			159										
Wasatch "			548										
Total balance			957										

Washington Lake 15 = 456
Tiff 50.5 = 570
1026
957
69

Instruct Oliver to cut Sudgrove at 730 pm on 24th,
& call Clegg at Lake and instruct him to turn 1 cfs more from
Wasatch at 8 am in morning and at 5 am next day cut Provo Res. to 00
and cut Wasatch to N 00.

Over Westfield Spill	711p.		00	
Demers Ditch	720p		00	
" Plume	722p		00	
" E Ditch	723p		00	
Clyde Ditch	740p	44	2.56	
Clyde Prairie Ditch	750p		00	
Brown Ditch	752p		00	
Parkidge	757p		00	
Over Spill	807p		00	
Geo. Taylor.	807p		00	
Jno Blackmore	810p	74	7.96	
Int Field	850p	39	1.32	Has been running at 10 cfs.

Total 83

Computations made by J F Wentz

Observations made by J F Wentz

vs.

Provo City et al

2888 Civil

Tabulation of Flow and Distribution of Provo River for July 1919.

NAME	Time	G. H.	Disc.	Dec'd Ve	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
July 21, 1919.													
Provo Res Canal	6:6a	156											
" " Lat #1.	6:6a		00										
Cady Race	6:46a	69	10.40										
Z Union	6:55a	70	16.46										
Gaddy Race			1.50										
Tomer Race	7:16a	40	7.14										
			35.50										
July 22, 1919.													
Storage July 21, 1919. 12 ft													
Provo Res Co Balance			250										
Sego "			159										
Wasatch "			548										
Total balance			957										

Washington Lake 15 = 456
Trip 20.5 = 570
1026
957
69

Instruct Oliver to cut Sudgate at 730 for on 24th, call Clegg at Lake and instruct him to turn water more for Wasatch at 8 am in morning and at 5 am cut Provo Res. 400 and cut Wasatch 8 N for.

Over Westfall Spill	711p.		00	
Tomer Ditch	720p		00	
" Plump	722p		00	
" E Ditch	723p		00	
Clyde Ditch	740p	44	2.56	
Clyde Prairie Ditch	750p		00	
Brown Ditch	752p		00	
Partridge	757p		00	
Over Spill	807p		00	
Geo. Taylor	807p		00	
Lake Belmont	810p	74	7.96	
Fort Field	850p	39	1.32	Has been running to 10 a 9th.

Total 83

Computations made by T F Wentz

Observations made by T F Wentz

vs.

Provo City et al

2888 Civil

Tabulation of Flow and Distribution of Provo River for July 23, 1919.

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
								60% percent Pro rate.					
Provo B.Can.	849a	159	48.64										
Provo Bench Co.				62.14	6.		68.14		37.30	43.30*			
Provo Res Co. thru Provo Bench Canal.				9.50			9.50			9.50*			
				Total thru P.B.Cana.						52.80	4.16		
West Union	930a	63	21.66	27.14	..	..	27.14		16.30	16.30			
Park & Nuttal	932a	33	2.02)										
Barton & Young	940a		0.20)	203			2.03		1.20	1.20		1.02	
P.Res. Canal	945a	157	60.05							67.33	7.28		
" " Lat #1	945a		0.00										
Nunns Weir	1048a	98	33.90*										
Leakage thru Olmstead Dam	11.20a	41.	3.80*										
Donnons Stream over Dam	11.25a	57	11.39*										
Dorigo Weir		6/8"	8.31										
U.E.U.&F.FD.	1240p	53	11.00	12.56	2.		14.56		7.55	9.55			
Timpanogus	1245p	75	8.42	11.30	2.		13.30		6.80	8.80			
Baum Ditch	144p		0.00)										
Young Ditch	144p		0.00(	1.80			1.80		1.10	1.10	1.10		
Dixon Ditch	2.10p		0.00)										
City Race	200p	78	12.20										
East Union	214p	76	18.67										
Factory Race	216p		1.50										
Tanner Race	234p	42	7.66										
Provo City Total			40.03	56.90			56.90		34.20	34.20			
Waterworks assumed			6.00	6.00			6.00			6.00			
Little Dry Creek	246p	46	4.20	6.75			6.75		4.05	4.05			
West Side 7-22-19.			1.32										
Fort Field	850p	39	~~132~~				5.74		3.45	3.45			
Lake Bottom	810p	74	7.96				12.75		7.65	7.65			
Sp. Cr.Users			2.56				5.50		3.30	3.30			

Provo Res Co. have 28.80 storage, 10.17 tunnel water, and Sego have 2.88 stor. thru P.R.Canal. which is not subject to pro rate; And P. Res Co. have 50(Blue Cliff) Class A. 2.50 Dixon, and 1.00 of wright estate subject to Pro rate on 60 % is 32.10 and Round Valley creek of 2.01 less 0.03 and 9/10 of Springs is .90 a total of 2.88 not subject to pro rate. Then the total of Provo Res. Co and associates is 28.80+10.17+2.88+32.10+2.88 is 76.83 less the 9.50 thru Provo Bench Canal is 67.33 thru P.R.Canal.

E.Riv. Bottoms	~~xxxx~~		7.71	5.29			5.29		3.20	3.20			
Reserve										2.84			

T. F. Wentz

Total 8 ✓ 221.77 total ok 221.77

Computations made by T. F. Wentz

Observations made by T. F. Wentz, O. J. Paulsen

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

Tabulation of Flow and Distribution of Provo River for July 4, 1919.

NAME	Time	G. H.	Disc.	Dec'd at Ste	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
July 23, 1919.													
River Bottoms: details:													
C	1218p		0.20										
D	1220p		0.00										
E.	1222p		0.10										
F.	1224p		0.0										
G.	1227p		0.0										
H.	1228p		0.10										
I	1234p		0.15										
H.	104p		.10										
J.	106p		.15										
L	110p		0.00										
K	117p		0.00										
M.	121p	95	6.31										
N.	131p		0.10										
O.	133p		0.50										
			7.71										
Grand Total	221.77												
Paid of Provo Bench			0.05 of Lot 2. Paid of Little Dry Creek & Fort Field										
July 24, 1919													
Dry Creek	921a	53	5.70										
" " Cut to		45	4.07										
Fort Field	1031a	62	2.46										
I have ordered two Burnham gates for Tanner Park Dam and Dry Creek Dam.													
Recapitulation; Notes Provo Canyon.													
Nelms Weir			33.90										
Sandgate Weir			8.31										
Downstream			11.39										
Total From Pump			53.60										
And Provo Peaks Sprinkle				28.80									
" " " " Tunnel				5.08									
Sego Sprinkle				2.88									
Wright Water				.60									
" "				2.88									
Dixon water 60/250				1.50									
				41.74									

Now and 53.60 − 41.74 = 11.86 are P.P.Co drawing on concession of U.P.P.Co of June 24th, and concession of U.P.P.Co expires tonight at 7 o'clock. Then P.P.Co will have over dam 41.74 − Downstream of 11.39 and 30.35 over Nelms Weir and Sandgate Weir shown cut out. I have arranged with U.P.P.Co. to cut Sandgate weir to 00 after tomorrow morning unless U.P.P.Co. telephones that U.P.P.Co. will allow concession to P.P.Co until U.P.P.Co call me.

Total 81

Computations made by T. H. Wentz

Observations made by T. H. Wentz

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

Tabulation of Flow and Distribution of Provo River for

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Est. Tot.	Correction at Station Add.	Ded.	G. H.

Copy of Memo: of T.F.Wentz.

7-24-19.

Recapitalation; Notes Provo Canyon.

Cancel for Cum Rd.

Nunns Weir	33.90
Sandgate weir	8.31
Donnon Stream	11.39
Total over Dam	53.60

And Provo Res Co. have 28.80 storage, 5.08 Tunnel, Sego Storage 2.88, Wright water 60% of 1. , and 2.88, Dixon water 60% of 2.50 is 1.50 total 41.74 which Provo Res. are entitled to pass over Dam.

And 53.60 less 41.74 is 11.86 amount P.R.Co. drawing on concession of June 24.

And concession of U.P.&.L.Co. expires to-noght at 7;30pm. Then P.R.CO., willdraw over dam 41.74 that is Donnons Stream of 11.39, and 30.35 over Nunns Weir, and Sandgate weir stream cut out.

I have arranged with U.P.&.L.CO. to cut Sandgate weir to 00-- after to-morrow morning will adjust at Nunns weir.

Oliver phones that U.P.&.L.Co. will allow concession to P.R.CO until U.P.&.L.CO. call me.

7-25-19

Meet I.H.Jacobs at office. He requests the following distribution after July 28, 1.85 to Provo Bench Canal on stock and 6.15 P.R.Co. water total 8.00 this includes the 2.00 of Tanner drain water.

And by 7-23-19 Total of water from flume and leakage thru dam is 57.40 and P.R.CO. of 60.05 + Timpanogus of 8.42 is 68.47,that is 11.07 inflow in canyon,
And P.R.Co. are entitled to have 5.08 of tunnel + 2.88 Sego; + .60 and 2.88 Wright; + 1.50 Dixon is 12.94 to go over Dam.

And 12.94 +11.07 inflow is 24.01 +3.80 leakage thru dam is 27.81 water at mouth of canyon less 8.80 to Timpanogus is 19.01 available to P.R.Canal

And P.R.CO. are entitled to 76.83 (sheet 7-23-19) plus Tanner drain water of 2. is 78.83, providing they have a means to turn to canal and the P.R.Co. storage ceases 7-28-19, of 28.80 ± leaves 50.03 less the 8.00 thru P.B.Canal is 42.03 to go thru P.R.Canal. that is 19.01 from 42.03 is 23.02 cfs. or in other words P.R.Co. are entitled to 30.00 (Blue Cliff) + 10.17 tunnel +1.50 dixon, +2.88 sego +.3.48 wright, +2.00 Tanner Drain is total of 50.03 less 8. thru P.B.Canal is 42.03 to P.R.Canal if the have the means to divert.

At 1025 Oliver calls "We are ready to cut out sandgate stream when it is convenient for you" I reply I will give P.R.Co. one hour to make any arrangements they can, I notify Mr. Jacobs of this order.

At 11;35 I instruct Oliver to cut out water at sandgate at 1pm to-day. I phone Oliver at 1 pm. to cut Nunns weir to eleven inches. He reports some leakage thru sandgate. at 2pm. Oliver phones "we have 2½ inches over sandgate weir cannot stop dry ~~land~~ now"

Total 80

Computations made by

Observations made by

vs. } 2888 Civil

Provo City et al

Tabulation of Flow and Distribution of Provo River for .....

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.

(Page 2)

Then: 2½ over sandgate weir is 1.80cfs. and p.R.CO are entitled to draw over dam 41.74 less 1.80 ~~xxxx~~ and 11.39 Donnon stream is 28.55 to go over Nunns weir is G.H. of 87 or 10½ inches.

At 205p. I phone Oliver to cut Nunns Weir to 10½ inches.

At 242pm Oliver calls and states ~~Rx~~ -- P.R.CO. & U.P.&.L.CO. have arranged to have stream continue as has been to first of August, so I request Oliver to set Nunns at 11¾ and sandgate at 6½".

By T.F.W. T F Wentz

Total 79

Computations made by .....

Observations made by .....

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

Tabulation of Flow and Distribution of Provo River for July 1919.

NAME	Time	G. H.	Disc.	Dec'd Ne	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
July 25, 1919.													
West Union	637a	64	22.32										
Park & Nutting	640a	33	202	Turned off at 7 am - West Richard Park									
Off schedule entered complaint against Roy & Park.													
at 8 o'clock order of Prof. Brooks stopped the													
Go to office Engage Prof Fairly to Patrol River from Head Farmer													
Roy & Fort Field.													
xxx See footed sheet.													
Fort Field	541p	40											
Farmer Rose	555p	40	7.14										
City Rose	607p	72	~~19.44~~										
Elmer	614p	78	19.44										
Fairly Rose	616p		15.0										
I talk with Roy and he arrive him coming up I cut Union													
and City Rose - turning West to River. I turn by Farmer Rose													
Dam the additional quantity.													
Little Dry Creek	722p	46	4.20										
As Dry Creek raises I turn by Dam to Fort Field													
Little Dry Creek	916p	46	4.20										
I have talked with Bond regarding his Calculation on Weir Sheet													
July 26, 1919.													
Fort Field	635a	64											
Little Dry Creek	659a	46	4.20										
Farmer Rose	736a	41	7.40						Pierce Bennett Blanch & Moss.				
City Rose	235a	50											
Elmer	745a	63	14.76										
at 1030a I find Clyde Dale Running I call F. L. Brown and we													
go from Park down and find water on Coleman Allen's													
Pasture near steel bridge about ½ off running back to river.													
We measure at Weir in presence of James Bennie													
Clyde Dale	1240p	42	2.40	Turned off at 1245p.									
Lake Bottom Canal	107p	70	6.16										
Talked with Coleman Allen he states he turned off at least at and Western.													
Talked with Bond. Talked with Clegg he reports he cut out Provo Resle													
stage of 28.80 and Wasatch cut to 15.00													
Held meeting with following of Fawcett Trial: George Jones, James McEwan													
J. E. Brown, O.C. Marrotte, Elmer McEwan after consultation and													
an understanding of conditions they agree to go on schedule and													
take the whole stream for 24 hours beat 7 days 8 hours.													
Schedule to start 7 am July 27, 1919 Furnished Mr. Marrotte with													
copies of "Revised Schedule" Original Phil Cluff of Orange													

Total 78

Computations made by F. H. Wentz

Observations made by F. H. Wentz

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

Tabulation of Flow and Distribution of Provo River for July 1919.

NAME	Time	G. H.	Disc.	Dec'd Ne	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
July 27, 1919:-													
Prov Res Cond	504p	156											
" " Lt #1.	504p	4r	183										
I go over this matter with Oliver and I authorize Oliver to cut out Smelgrle stream at 515p, I request Oliver to cut Mums Weir to 8 inch at 7am July 28, 1919.													
West Union	549p	57	"Regular 8 R"										
Fort Field	702p	40											
Dry Creek	716p	44	3.97										
I turn more water by Farmer Rice Dam.													
~~Was at~~ Observe by notes of Clegg and Bond and U.S.D. Gage that falling river struck along lower river sooner than expected. It does not seem possible that drop at U.S.D. Gage can be attributed to reduction of flow of storage water - it is well to consider however, that storage reduced and that but 18 cfs is now running, - in view of very low stage of river this quantity of reduction is all the more marked.													
July 28, 1919.													
Prov Bent St.	642a	150											
West Union	652a	60	20.10										
Prov Res Cond	700a	146											
" " Lt #1.	700a	38											
West Union	710a	Reduced.											
Impromptu	720a	Low at bed.											
"	728a	Passed at Res. Dam.											
River Bottom	D.D.	5 ft 8 in	00										
City Race	810a	61											
Factory Race	816a		1.50										
Union	818a	64	1438										
Farmer Race	834a	31	48f										
Dry Creek	844a	46	4.20										
I turn more water to Fort Field. When the flow turned from Mums Weir the flume reaches City at will fairly busy Fort Field up to proper quantity,													
at 1000a Oliver reports "we are now pinching up appropriator" Observe that river has dropped 24 cfs in last two days.													
Fort Field, Dry Creek	138p	40	3.41										

T. F. Wentz

Total 77

Computations made by ..... Observations made by .....

vs.
Provo City et al

2888 Civil

Proposed Distribution.

Tabulation of Flow and Distribution of Provo River for July 28, 1919.

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
Arranged at 11 a.m. July 28, 1919.													
By 7-23-19 River is 221.77 and 28.80 Provo Res. Co. storage cease here to-day. and River at Weber slider is 24 cfs lower.													
								60% Res. Pro.					
Provo Bench Eq.					6				37.30	43.30			
P. Res. thru P. Bench Canal									8.00	8.00			
Total P. Bench Canal										~~45.30~~ 51.30			
West Union									16.30	16.30			
Park & Nuttall } Bolen & Young }									1.20	1.20			
P. Res. Canal.	(7-23-19 = 60.05 less ant. cut from Smith's mill of 6.51 and ant. from Nuns of 18.80)									34.74			
Nuns Weir		6	19.00	By flume.									
Smith's Weir			1.80	" "									
W. & M. Fd.					2				7.55	9.55			
Improvers					2				6.80	8.80			
Bam, G. & Dixon Ditch.									1.10	1.10			
Provo City									34.20	34.20			
Waterworks, Assn.										6.00			
Little Dry Creek									4.05	4.05			
East Field & Knudsen.									3.85	3.85			
Lake Bottom									7.65	7.65			
Sp. Creek Users.									3.30	3.30			
River Bottoms										4.			
Portable Reserve for Dam fa.										10.00			
Total 76										196.00			

Computations made by .....

Observations made by .....

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

Tabulation of Flow and Distribution of Provo River for July 1919.

NAME	Time	G. H.	Disc.	Dec'd Ne	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
July 29, 1919; By 7-25-19. Prov Res Co. as entitled to have 12.94 go over Dam exclusive of "Concession" and by gages we have													
Munns Weir		8"	19.00										
Dredgate Weir		2¼"	2.00										
Bottom Return			11.39										
			32.39										
Less			12.94										
- "Concession"			19.45										
Observe that limits of Concession is 15. I call Oliver and have Munns weir reduced to 5.65 or 6¾" at 10.15 a.													
Mc Turn Reports P Res Co Gage 118.													
At Trial of Case against A. West.													
Prov Res Co Lot	44 p	107											
" " Lot #1.			.00										
West Union	520 p	66	23.34										
Jamie W. Lilit	539 p		.00										
" & "	340 p		.00										
" Flume	542 p		.00										
Jamie Dixon	605 p		(2.63)										
Clyde D.	620 p		1.58	Water backed up.									
Jamie Bonkitz			3.25										
Brown Lilit	640 p	at	1.00	Off schedule running on J. Nelson flow in one of Ray Dashond. Met Mr. Dashond he states he did not get schedule until yesterday and missed two turns - has been unable to find Commissioner - I allow him to use until he writes a piece of beets.									
Lily Dillon Lot	659 p	to	6.16										
Alva Jones	720 p		.00										
Parkedge			.00										
			11.99										
Fort Field	740 p	64	4.10										
July 30, 1919. Miscellaneous — Forenoon.													
P. Res Co. ready to start pump to Lindsay gage at 3 pm.													
I request Oliver to take 5 cfs more than flume and reduce Munns weir to 5 1/8" inches at 1 pm.													
This leaves Concession at 10.													
Prov Bench U.S. 1125 a		112											
Note reports on Dredgate of West Union.													
Prov Bench H.	105 p	162											
West Union	117 p	60											

T. F. Wentz

Total 75

Computations made by ..... Observations made by .....

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

Sheet 1.

Tabulation of Flow and Distribution of Provo River for July 31, 1919.

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.		Ent. Tot.	Correction at Station Add.	Ded.	G. H.
								57 per cent pro rate.				
P. Bench Can.	816a	151	47.94						49.50	1.56		
P. Bench Company				62.14	6.		68.14	35.50	41.50*			
Provo Res. Co. thru P. Bench									8.00*			
Total thru Provo Bench Canal									49.50 *			
West Union	852a	58	18.91	27.14			27.14	15.50	15.50		3.41	
Park & Nuttal	854a	22	1.09)	2.03			2.03	1.15	1.15	.06		
Barton & Young	858a		.00)									
P. Res. Canal	9.05a	110	36.44						41.06	4.62		

Pum from Provo Bench Canal to Timpanogus, Running.
Approx. 3.5 cfs from river to Timpanogus.
By Provo Res. Co. Heiselt Dam 944a estimated 0.15 cfs.

Leakage thru												
Olmstead Dam	1007a	.20	1.35	Approx. 0.10 around weir.								
Donnon Stream over												
Olmstead Dam	1015a	54	9.19									
Sand Gate Weir	1036a	16	.78									
Nunns Weir	1049a	35	7.12	Gage Reads o.o5 too great.								
Timpanogus	1144a	80	8.95	11.30	2.		13.30	6.45	8.45		.50	
U.E.U.&.F.Fd.	1156a	52	10.68	12.56	2.		14.56	7.25	9.25		1.43	
Baum Ditch	1239p		0.00)									
Young Ditch	1237p		0.00	(1.80			1.80	1.00	1.00	1.		
Dixon Ditch	107p		0.00)									
City Race	1255p	58	8.20*									
Factory Race	100p		1.50*									
Union	102p	66	15.03*									
Tanner Race	116p	44	8.21*									
Provo City Total			32.94	56.90			56.90	32.50	32.50		.44	
Waterworks assumed			6.00	6.00			6.00	(6.00)	6.00			
Dry Creek	137p		4.55	6.75			6.75	3.85	3.85		n.70	
Fort Fd. etal	202p	64	4.10	6.40			6.40	3.65	3.65		.45	
River Bottoms	am		7.10	5.60			5.60	3.20	3.20		3.90	
Lake Bottom C	(7-29-19)		6.16	13.03			13.03	6.60	6.60	.44		
Sp. Creek Users	(7-29-19)		5.83	5.50			5.50	3.10	3.10		2.73	

Provo Reservoir Company have:- 10.17 Tunnel water, 2.88 Sego Storage; and Round Valley Creek of 2.01 less 0.03 and .90 of Springs ~~subject~~ Wright water; and 2.63 Tanner Drain; not subject to pro rate, and 50 Blue Cliff, 2.50 Dixon and 1.00 wright subject to pro rate ~~is~~ and is 30.50. The the total of Provo Reservoir Company and associates is 10.17+ 2.88+2.88+30.50 ~~equals~~+2.63 equals" 49.06 less the 8.00 thru Provo Bench Canal is 41.06 thru Provo Res. Canal.

Reserve for drops ect.									5.88	5.88		
Subtotal			190.69						190.69	13.56	13.56	
Total. 74			190.69						190.69	13.56	13.56	

T. F. Wentz

Computations made by T.F.Wentz

Observations made by T. F. Wentz

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

Tabulation of Flow and Distribution of Provo River for July 31, 1919. Sheet 2.

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
Deatails River Bottoms:-													
c.	1120a		.20										
d.	1122a		.00										
e.	1124a		.00										
f.	1125a		.00										
g.	1127a		.00										
h.	1128a		.20										
i.	1135a		.50										
j.	1207p		.15										
l.	1211p	70	6.05										
k.	1218p		.00										
m.	1227p		.00										
n.	1228p		.00										
o.	1230p		.00										
Total			7.10										
Details West Side 7-29-19.													
Tanner W.Ditch	539p		.00										
Tanner E "	540p		.00										
Tanner Flume	542p		.00										
Tanner Barn D.			3.25										
Tanner Drain	6.05p		2.63*										
Brown Ditch	640p		1.00 by permit.										
Lake Bot.Can.	659p	70	6.16										
Steve Jones	720p		.00										
Partridge D.			.00										
Total			11.99										

*** ********** **********

NOtes:- Total quantity of water over Olmstead Dam is 9.19 + 0.78 + 7.12 is 17.09. And Provo Reservoir Company and Sego are entitled to pass over dam without consent of U.P.&.L.CO. the 5.08 Tunnel, 2.88 Sego, 57% of 2.50 is 1.42 Dixon, 2.88 Wright, and 57% of 1. is .57 Wright; a total of 12.83 The:- to-day the P.R. Co. are passing over Dam of U.P.&.L.Co, by concession 17.09 - 12.83 is 4.26 . And Provo Reservoir Co. to divert all its rights as listed on sheet 1. need 4.26 plus 4.62 is 8.88 as concession of U.P.& L.Co.

* *

Total water in the Utah Valley is 190.69 less 10.17 tunnel water and less 2.88 storage is 177.64 Natural River.

* *

August 1, 1919. At 10;30a. Mr. Cheever of U.P.&.L.Co. phones;* We will allow temporally, concession to Provo Res. Co. of 8.00 cfs.

At 145 pm. I phone Oliver to raise Nunns weir to .465 or 5½" actual depth when gage is corrected.
I have repairs made on dams and gates at heading near mouth of Canyon by T.Farley at 130p he reports West Union 52, Provo Bench 113.

Signed
T. F. Wentz
Cashier

Total 73

Computations made by T. F. Wentz

Observations made by T. F. Wentz

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

Tabulation of Flow and Distribution of Provo River for August, 1919.

NAME	Time	G. H.	Disc.	Dec'd at Source	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.

August 1, 1919. T. G. Atkinson of Washington Irrig Co. called and states "We still have 4'2" in our reservoir, we are entitled to this water, we claim we are out" I engage to go to Big Elk Reservoir this coming week.
Oliver & Jacobs have made test of Nuttno Weir and report Gage reads 0.05 feet to gport - and corrected gage to read ok"
Raised Nuttno to 5½" at 3¹⁵ by Oliver.

Aug 2, 1919.

West Union	820a	58	18.91

Olympic Irrig not turned off on schedule I turned off at 855a
I raise gate of Burrow Ditch at 915a letting part of flow by.

Aug. 3, 1919.
George Stratton phones at 2 p.m. "Provo Bench stream just low" I go to Provo Bench Canal - a slight raise

Provo Bench Can.	219a	151	
West Union	945a	48	14.22
" "	915a	Raised.	
P.R. Canal	930a	118	

Aug 4, 1919.

Nuttno Weir	1030a	45	10.30
Sandgate Weir	1042a	13	.95
Burrow Weir	1048a	57	
Wasatch Gage	1100a	10	
Brown Well	1158a	19.1	
Ontario Turnout	200p	164	16.02
Wasatch			39.96
M Tunnel			14.14
P R Weir			3.23
Power			12.00
Total			74.33

Distribution:
Ontario Turnout 16.02
Bego Stringer 2.88
Wasatch " 14.40
33.30 from 74.33 = 41.03 Return of River

Wasatch & Bego Lines leaves 37.03 to Per Acre
Wasatch stringer 14.40 from 4 P.R. 18.75 + 3rd Pow. = 40.15
M Tunnel 16.07 - 3rd " = 13.07
Midway 2.25
and Midway 2.25 + unpaid Turnout of 5.26 + Bego Lt. 2.88 + P.R. Turnout of 5.26 = 21.15
- 17 by Power = 4.15 by P. R. Weir

Total 72

Computations made by T. Albert & Bond

Observations made by T. Albert & Bond

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

Tabulation of Flow and Distribution of Provo River for Aug. 1919.

NAME	Time	G. H.	Disc.	Dec'd Ne	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
Aug 4. 1919.													
River Below L. Dam	430p	140	12.89										
Deer Creek	610p		6.50	Approx.									
West Union	659p	45	Pulled at 710p.										
Aug. 5. 1919													
Provo Bench Ls.	555p	144	Very Irregular average run 157.										
West Union	606p	57											
Provo Bench													
Deer Creek	644p	84											
Union	653p	77											
Aug 6, 1919.													
Palmer W Ditch	1107a		.00										
" Plume	1104a		.00										
" E Ditch	1112a	52	3.26										
Clyde Ditch	1128a	est	0.50										
Bryson Ditch	1142a	est	0.25										
Left Bottom Pump	1202p		7.44										
Partridge Ditch	1230p		.00										
			11.45										

P. F. Wentz

Total 71

Computations made by ..... Observations made by .....

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

Tabulation of Flow and Distribution of Provo River for Aug. 1919.

NAME	Time	G. H.	Disc.	Dec'd Ne	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
Aug 7, 1919.													
Deliels River Bottoms:													
C	1239a		00										
R	1040a		00										
E	1041a		00										
F	1042a		00										
D	1045a		00										
I	1112a	50	2.52										
J	1130a	est	0.60										
L	1132a	62	5.30	Off schedule.						notified	Fred Ferguson		
K	1144a		00										
M	1146a		00										
N	1147a		00										
O	1148a	est	0.30										
H	1127a		00										
			8.72										
Cliff Delil	514p		00	Schedule end at 4 pm									
River Bottoms Reduced.													
Cut West Union at 5 24 p.													
at 540p Rime Provo Bench Headgates clear of water, blue one													
lateral gates, leaving but two open, only one opening West													
Union. This has raised Provo Bench 6.03 ~~at~~ stopped rise													
0.07, ~~Head~~ of Canal is so badly clogged with moss, it													
is not possible to regulate without closing another tailrace													
gate - which is not advisable - I notify P. Bro & Clean													
out moss.													
Aug 9, 1919.													
Provo Bench Ls.	800a	169											
" " West.	1130a	124											
Provo Bench Heading cleaned of moss & made adjustment of													
Canals to new river,													
Aug 10, 1919													
Provo Bench Ls.	137p	155											
West Union	149p	54											
Provo Res Canal	155p	110											
" " Lot #1.	155p		80										
~~West Union~~	213p	54											
Improvement	217p	80											
Alley Rice	320p	62											
Town Row	155p	40		Slaughter									
Union	325p	66		Mill Run 68									
Valley Row	327p		150										
Dry Creek	400p	48.											

Aug 11, 1919
Fort Field Canal 240p. 44.50

Total 70

Computations made by F. H. Wentz

Observations made by F. H. Wentz

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

Tabulation of Flow and Distribution of Provo River for Aug. 7, 1919.

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	~~Added~~	Ent. Tot.	Correction at Station Add.	Correction at Station Ded.	G. H.
								60 per cent pro rate.				
Sandgate Weir	832a	12	.84									
Donnon Stream	844a	57	11.39									
Lkg. Olm. Dam	846a	31	2.40									
Nunns Weir	900a	43	9.70									
Total over Dam			21.93									
Provo Bench	937a	142	44.89	Canal Chocked at heading.						6.41		
P. Bench Co.				62.14	6.		68.14	37.30	43.30			
P.Res. co thru Provo Bench								8.00	8.00			
Total Thru Provo Bench Canal									51.30			
Raise of Provo Bench defered until p.m.												
West Union	1006a	52	16.02	27.14			27.14	16.30	16.30	.28		
Park & Nuttall	1008a	34	2.10)	2.03			2.03	1.20	1.20		.22	
Barton & Young	1036a		.00)								.90	
Provo Res.Can	1015a	118	39.74						39.74	...	...	
Timpanogus	1053a	76	8.51	11.30	2.		13.30	6.80	8.80	.29		
U.E.U.&.F.Fd.	1057a	52	10.68	12.56	2.		14.56	7.55	9.55		1.13	
Baum Ditch	1156a		0.00)									
Young Ditch	1156a		0.00)									
Dixon Ditch	1216p		0.00)	1.80			1.80	1.10	1.10		4.74	
Cluff Ditch	1101a	1.20	5.84)									
City Race	1209p	64										
Mean Run		74	11.40									
Factory Race	1218p		1.50									
Union	1220p	70	16.46									
" Mean Run		70										
Tanner Race	1234p	40										
" Mean Run		38	6.60									
Total City			35.96	56.90			56.90	34.20	34.20		1.76	
	1244p											
Little Dry Creek		48	4.48	6.75			6.75	4.05	4.05		.43	
Fort Field	111p	60	3.62	6.40			6.40	3.84	3.84	.22		
Waterworks assumed			6.00	6.00			6.00	(6.00)	6.00			
River Bottoms am.			8.72	5.60			5.60	3.40	3.40		5.32	
Lake Bot.Can.	12.02p		7.44*	12.75			12.75	7.65	7.65	.21		
Sp. Creek	am		4.01*	5.50			5.50	3.30	3.30		.71	

Provo Res. Co have 10.52, Sego stor. 2.88; Round Val creek of 1.37 less 0.03; and .90 of springs a total of 15.64 not subject to pro rate, and 50 Blue Cliff, 2.50 Dixon, and 1.00 of Wright Estate subject to 60% pro rate is 32.10, a total of all of 47.74 less the 8.00 thru Provo Bench Canal is 39.74 thru P.R.Canal. 2.63 Dam River is total

And total over Olmstead Dam is 21.93, and P.R.CO. are entitled to Pass over dam, exclusive concession of U.P.&.L.C., 5.26, 2.88, 1.34, 2.10 a total of 11.58, and have concession of 8.00. Then P.r. Co are by concession passing over dam 21.93 - 11.58 is 10.35. At 3:55p I request Oliver to cut Nunns Weir to 0.36 g.h., reducing concession to 8.00.

* Observed 8-6-19.

Reserve		7.58
Total	198.01	198.01

69

Computations made by T.F.Wentz.

Observations made by T.F.Wentz

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

Tabulation of Flow and Distribution of Provo River for Aug 10. 1919 (10-44)

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	~~Pr. Cent. Added~~ ~~Amt. Added~~	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
								Per rate on 63%				
Provo Bench Canal Co				65.14	.6		65.14	39.10	45.10			154
Prov Res Co thru Provo Bench								8.00	8.00			
									53.10			
West Union				27.14			27.14	17.10	17.10			55
Park & Nuttal & Bolin Spring				2.03			2.03	1.30	1.30			
Timpanogos				11.30	7.		13.30	7.10	9.10			82
~~Wa & Wa~~				14.56	2		14.56	8.00	10.00			50
Brum, Jenny, Dixon, Cliffside				1.80			1.80	1.10	1.10			
Provo City (Irrigation)				56.90			56.90	35.90	35.90			
Waterworks				~~6.00~~			6.00		6.00			
~~Hills Dry Creek~~				6.75				4.30	4.30			
~~Fort Field~~				6.40				4.00	4.00			
E. River Bot. Water Co.				5.60				3.50	3.50			
Lake Bottom Canal				12.75				8.00	8.00			
Sp Creek Ditch				5.50				3.50	3.50			

Note: shown P.R.Co as not able to divert all Bright water & Carlson & Cont.

Provo Res Co. Line 10.5 x Tunnel Leg. 2.88 Pl Pat. Creek 1.34 and 2.63 0.90 Springs stated & ~~18.27~~ not subject to Prov rate ~~18.27~~ 7.90

Provo Res Co. Blue Cliff			50	50.	~~3.50~~	
P. " " " Dixon			2.50	2.50		
" " " Wright			1.00	1.00	33.70 ~~33.70~~	less 8.00 thru
P. B. Canal Co						25.70
~~" " " Cont.~~						

and Prov on 8-7-19 was 198.01 on ~~Eff.~~ of .08-48
Today ~~Eff.~~ is 10-44 ~~and~~ is today dell is 204.00 ~~to~~
And of stone thing is low 10. P.P.Co not subject to Prov rate 18.27, and Waterworks 6. a litt 34.37. flow 204 is 169.73 to Prov rate and labels are shown as follows

264.37 10.

and 169.73/264.37 is 63 + %.
Reserve

200.87
3.13
204.00

Total Prov Res. Co is 33.70 + 18.27 = 51.97 less 8.00 thru P.B.Canal is 43.97. and out over Dam is 19.68
P.P.Co entitled to pass over Dam 12.58 + 8.00 Encroach = 20.58, & flow

Total Ohio & Raine Nums left to 0.39

Computations made by ..... Observations made by .....

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

Tabulation of Flow and Distribution of Provo River for August 1919.

NAME	Time	G. H.	Disc.	Dec'd Ne	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.

Aug 1st, 1919. over Lower river this am. Thos Farley is setting new steel gate in Dry Creek Dam.

At 20 to 1pm R.J. Murdock phones" We have arranged for 15 cfs over up & Dry Dam".
At 210pm Oliver phones confirming R.J. Murdock.
Then by 8-10-19 on ~~Cal~~. 10-44 ~~and~~ to-days ~~Cal~~ is 08.46 that is to-days river may be made on start of 8-10-19 without reserve, and P.R.Co are entitled to 43.97 in P.R.Canal and to have this sent it requires 7.53 cfs more 46.32 cfs
I phone Oliver to raise Nunns weir gage to 7 inches at 3pm

Aug. 13, 1919.

Provo Bench SS.	535a	146	
West Union	548a	50	15.16
Prov Res Canal	55a	130	
Prov Bench	603a	Raised 0.04' at head.	
City Race	625a	60	
Union	631a	66	15.03
Farley Race	633a		1.50
Tanner Race	646a	30	5.09

Go to office make distribution to-day on 60% using start of 8-7-19, Then P.R.Co should have then P.R.Canal 39.74 + 3.63 = 43.37 and ~~Cal~~ of 12 ✓, that is canal should be reduced 47.50 - 43.37 = 5.13 I call Mr. Carlin at Nunns at 715a and request him to cut Nunns weir to 5¼ inches.

Aug. 14, 1919

Prov Res Canal	1155a	121

On way to Heber.
Time of Clegg and Andersen at Jobs.
John Clegg July 31 days at $5.00 ~~55~~ Aug 1-10 11 days at 5 = 55 = Total of $210.
Otto Andersen July 31 days Aug 11 day @ 3.50 - $147.00

Check up Dannas and go over situation

Total 67

Computations made by T F Wentz

Observations made by T F Wentz

vs.
Provo City et al

2888 Civil

Tabulation of Flow and Distribution of Provo River for Aug.15,1919.

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	Pro rate 55 per cent.	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
Provo B.Can.	900a	150	48.48	~~62x14x6.~~			~~68x14~~			.28		
P.Bench Co.				62.14	6.		68.14	34.20	40.20			
Provo Res. Thru P. Bench Canal									8.00			
Total Thru Provo Bench									48.20			
West Union	940a	51	15.55	27.14			27.14	14.90	14.90			
Park & Nuttal	942a	40	2.71)	2.03			2.03	1.10	1.10		1.61	
Barton & Young	1040a		0.00)									
Provo Res Canal	950a	120	38.09						~~39x67x1x59~~			
" " Lat1	950a		0.00						39.72	1.63		
Nunns Weir	1102a	46	1074*									
Donnon Stream	1128a	59	10.27*									
Lkg.Olm. Dam	1140a	31	2.52*									
Sandgate Weir	1146a	12	.84*									
U.E.U.&.F.Fd.	124p	50	10.10	12.56	2.		14.56	6.90	8.90		1.20	
Timpanogus	139p	82	8.72	11.30	2.		13.30	6.20	8.20		.52	
Young Ditch	224p		0.00)									
Baum	224p		0.00(	Not on schedule			to-day.		.00			
Dixon	300p		.00)									
City Race	238p	59	6.99									
Union	302p	68	15.69									
Factory Race	304p		2.00									
Tanner Race	358p	32	5.05									
Total			29.77	56.90			56.90	31.40	31.40	1.63		
Waterworks assumed			6.00	6.00			6.00		6.00			
Dry Creek	4.10p	46	4.20	6.75			6.75	3.70	3.70		.50	
Fort Field	440p	40	1.74	5.74			5.74	3.10	3.10	1.36		
River Bottoms			7.10	5.60			5.60	3.10	3.10		4.00	
Lake Bottom	326p	115	8.87	12.75			12.75	7.00	7.00		1.87	
Sp. Creek			2.60	5.50			5.50	3.00	3.00	.40		

Provo Res. Co. Have 10.52 tunnel, 2.88 Sego Storage, 1.34 Wright Rd Valley, 2.63 Tanner Drain, and 0.90 Wright Springs, total 18.27 Not sub. to pro rate.

P.R.CO. Have				
Blue cliff	50.00	50.	27.50	
Dixon	2.50	2.50	1.40	
Wright	1.00	1.00	****.55	
			47.72	less the 8.00 thru

A total of
Provo Bench canal is 39.72 thru P.R.Canal.

Reserve 5.71
Totals 184.03 184.03

And Natural river is 184.03 less 10.52 tunnel and 2.88 storage is 171.

Total over Olmstead Dam is 21.85. And P.R.Co. have own right to pass 5.26+ 2.88+1.34+.90+1.40+.55 is12.33 then Concession of UP&LCO. is 21.85-12.33 is 9.52.

T. F. Wentz.

Total 66

Computations made by T.F.Wentz

Observations made by T.F.Wentz.

vs.

Provo City et al

2888 Civil

Tabulation of Flow and Distribution of Provo River for Aug 15, 1919 Sheet 7.

NAME	Time	G. H.	Disc.	Dec'd Ne	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
Provo Bottoms	1												
C	111p		0.0										
D.	112p		0.0										
E.	113p		0.0										
F.	114p		0.0										
G.	118p		0.0										
H.	119p		0.0										
I	130p		0.50										
J.	156p	est	0.15										
L.	157p		0.0										
K	205p		0.0										
M.	210p		6.25										
N.	216p		0.0										
O.	218p	est	0.20										
			7.10										
Sta Bottom Canal	326p	115	8.87										
Spanish Creek			2.60										
Grand Total			18.03										

at upper Falls Resort for dinner, I notify Lindberg that Slamm stream over dam will be discontinued at 9 am Tuesday Aug 19, 1919. Mr. Lindberg protests against this move, Mr. Lindberg states "this water belongs to them and should not be turned to flume." I do not intend that this shall in any way effect their rights.

R. H. Wright

Total 65

Computations made by .....

Observations made by .....

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

Tabulation of Flow and Distribution of Provo River for Aug. 1919.

NAME	Time	G. H.	Disc.	Dec'd at St.	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
Aug 17, 1919 –													
Pro Bench &	226p	150											
W&W & F.	200p	50											
Pro Res Canal	214p	126											
West Union	220p	54											
City Race	401p	64	7.90										
Union	407p	65	14.46										
Factory Race	409p		2.00										
Tanner Race	428p	40	7.14										
			31.50										

J. B. Smith has been doing work on river collecting water to Spring Creek – he applies for farm taxes running ~~[illegible]~~ of his next time – this is allowed.

8-18-19 at Office

Aug 19, 1919. L. L. Burnell calls and states "Lake Bottom Canal Low." Chapman calls and states "Impingers down to 8 H. 74".
Talk with Oliver over phone I authorize him to cut out Common Stream over dam and run Nuns Weir to 8 H 9½ inches.
I phone Bonk advising him his services will be discontinued this week. Hereafter to Wasatch Co. operating on 31%

Lake Bottom Canal 315p 88 Canal has been cleaned (slat on)
W&W & F. 350p 50
Impingers 356p 78

R. F. Wentz

Total 64

Computations made by ..... Observations made by .....

vs.

Provo City et al

2888 Civil

Tabulation of Flow and Distribution of Provo River for Aug 20, 1919.

NAME	Time	G. H.	Disc.	Dec'd at Sta	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
Prov Rio. Canal	1055a	1.00	39.30										
" " Lift #1	1055a	40	1.70										
			40.70										
Nunns Weir	1129a	77	23.50										
Sondgrass Weir	1141a	11	.74										
Romans Dam	1144a		0.05										
Hydraulic Dam	1146a	16	.96										
North Fork	12m	approx	4.00										
Warnock Canal	2.07p	44	18.47										
M Field	2.14p	20	4.68										
Provo Rio Weir	2.18p	39	7.60										
River Below Wes. Dam			13.05										
Total			43.80										
Pump Water			16.02										
Stringe			2.88										
Natural Power of water 18.92 Dam 43.80 − 18.90 = 24.90													
Distribution —													
Warnock Loss by Stringe & Pump 18.90 leaves 20.90 to Permits.													
Warnock Loss				41.67									
M Field				35.71									
Mulvey & J.P.				5									
				82.38									
and 20.90 ÷ 82.38 = 25+%													
Warnock Loss PR 10.42 + 4 loss							+3 Bully Mun.		= 17.42				
M. Field loss 8.93							−3 " "		5.93				
Mulvey & J.P. 1.25							+5.25 Pump		6.25				
Lego Stringe									2.85				
PR Pump									5.26				
up & L "									5.26				
									43.50				

Mulvey J.P. and Lego and PR Pump & up & L. Co Pump is a lift of 20.25 less 13.05 by Warnock Dam is 7.10 & go by P.R. Co weir that is a gage height of .375 Made adjustment to foregoing. Weir gage 425 ft

Aug 21, 1919 Made out temporary schedule on the Bottom canal to settle controversy Palmer Harding and Johnson's & Wm Clegg.
Reporting to in Court

Total 63

Computations made by F. F. Wentz

Observations made by F. F. Wentz

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

Tabulation of Flow and Distribution of Provo River for Aug. 22, 1919.

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	~~Per Cent~~ ~~Amt Cutbec Cadel~~	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
								Pro Rate 55 per cent.				
Provo B.Canal	820a	148	46.93									
P.B.Company				62.14	6.		68.14	34.20	40.20			
Provo Res. Co. thru Provo B.Canal									8.00			
Total thru P. B. Canal									48.20	1.27		
West Union	856a	51	15.55	27.14			27.14	14.90	14.90		.65	
Park & Nuttal	858a	34	2.10	2.03			2.03	1.10	1.10		.93	
Bar.& Young	902a		.00									
Provo Res. C.	906a	122	39.00						~~78.72~~ ~~79~~			
" " Lat 1.	906a		0.00						39.05	.05		
Nunns Weir	926a	76	23.00*									
Donnon Stream	940a		0.00									
Olmstead Dam Weir	942a	.12	.66 *									
Sandgate weir	951a	.10	.64 *									
Timpanogus	1042a	85	9.95	11.30	2.		13.30	6.20	8.20		1.75	
U.E.U.&.F.Fd.	1046a	50	10.10	12.56	2.		14.56	6.90	8.90		1.20	
Cluff Ditch	1021a		0.10									
Baum Ditch	1119a	1.00	3.22									
Young Ditch	1125a	20	0.38									
Dixon Ditch	12m.		0.00									
			3.70	1.80			1.80	1.00	1.00		2.70	
City Race	1141a	58	6.80									
Factory Race	1147a		2.00									
Union	1148a	66	15.03									
Tanner Race	1214p	40	7.14									
			30.97	56.90			56.90	31.40	31.40		.43	
Waterworks assumed			6.00	6.00			6.00		6.00			
Dry Creek	1224p	48	4.48	6.75			6.75	3.70	3.70		.78	
Fort Field	130p	50	2.73	5.74			5.74	3.10	3.10	.37		
River Bottoms a			6.83	5.60			5.60	3.10	3.10		3.73	
Lake Bottoms	153p	50	6.71	12.75			12.75	7.00	7.00	.29		
Sp. Creek	p		2.07	5.50			5.50	3.00	3.00	.93		
Tanner Drain	230p		1.96*									

Provo Res. Co. have 10.52 Tunnel; 2.88 Sego storage; 1.34 Wright Round Valley 1.96 Tanner Drain; 0.90 Wright Springs; Total 17.60 noy subject to pro rate;

And Blue Cliff	50.	50.	27.50	
Dixon	2.50	2.50	~~2x50~~ 1.40	
Wright	1.00	1.00	.55	

Total of . . . . . 47.05 less the 8.00 thru Provo Bench Canal is 39.05 thru Provo Res. Canal.

Reserve 8.47

Total 187.12 187.12

And Natural River is 187.12 less 10.52 tunnel and 2.88 storage is 173.72

Total over Olmstead Dam is 23.00+.64 is 23.64. And P.R.Co have own right to pass over dam5.26+2.88+1.34+.90+1.40+.55 is 12.33 then concession is23.64-12.33 is 11.31.

Total

Computations made by T.F.Wentz

Signed T. F. Wentz

Observations made by T.F.Wentz.

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

Tabulation of Flow and Distribution of Provo River for Aug 22, 1919. Sheet 2

NAME	Time	G. H.	Disc.	Dec'd Ne	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
Power Bottoms:													
C	1014a		00										
D	1015a		00										
E.	1016a		00										
F.	1017a		00										
G.	1020a		0.0										
I	1027a		0.15										
J.	1054a	70	6.68										
H	1101a		00										
K.	1105a		00										
M	1106a		00										
N	1107a		00										
			6.83										
Cliff Dist	1021a		0.10										
Baum Dist	1119a	100	3.22										
Young "	1125a	20	0.38										
Dixon "	1211		00										
			3.70										
West Side													
The Bilmore Canal	153p	50	6.71										
Geo Taylor L.	205p		00										
Oder Spiel	205p		00										
Pailing	214p		0.0										
Steve Jones	216p		0.0										
Farmer Drain	230p		1.96										
Coly L.	250p	35	1.82										
Farmer W. Dist	311p		0.0										
" E. "	313p		0.0										
" Plump	314p		0.0										
Brown	335p		25										
			8.78										
General Total			187.12										

Total 61

Computations made by R F Ellenz

Observations made by R F Ellenz

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

Tabulation of Flow and Distribution of Provo River for Aug.23,1919.

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	Adjusted	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
Distribution as shown by sheet of 8-22-19 not made, gage on River near North Fork the same to-day, and distribution is made as follows:-												
								57 per cent Pro Rate.				
Provo Bench Co.				62.14	6.		68.14	35.50	41.50			
Provo Res. Co. thru P.B.Canal.									8.00			
Total Thru Provo Bench Canal									49.50			151
West Union Canal				27.14			27.14	15.50	15.50			51
Park & Nuttal) Barton & Young)				2.03			2.03		1.15			
Provo Res. Canal.												
Timpanogus				11.30	2.		13.30	6.40	8.40			
U.E.U.&.F.Fd.				12.56	2.		14.56	7.20	9.20			
Cluff,Baum, Young & Dixon D				1.80			1.80	1.10	1.10			
Provo City, Irrigation & Pow.				56.90			56.90	32.40	32.40			
Waterworks				6.			6.		6.			
Dry Creek				6.75			6.75	3.85	3.85			
Fort Field				5.74			5.74	3.30	3.30			
River Bottoms				5.60			5.60	3.20	3.20			
Lake Bottom Canal				12.75			12.75	7.30	7.30			
Spring Creek				5.50			5.50	3.10	3.10			
Provo Res. Co. have 10.52 Tunnel: 2.88 sego Storage; 1.34 Wright Rd. Valley: 1.96 Tanner Drain; 0.90 Wright Springs; Total 17.60 not subject to pro rate.												
And Blue Cliff				50.			50.		28.50			
Dixon				2.50			2.50		1.42			
Wright				1.00			1.00		.57			
Total of 48.09 less the 8.00 thru Provo Bench Cahal is 40.09 thru P.R.Canal												
Reserve									3.03			
Total									187.12			

Total 60

Computations made by T.F.Wentz.

Observations made by

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

Tabulation of Flow and Distribution of Provo River for Aug. 1919.

NAME	Time	G. H.	Disc.	Dec'd Ne	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
Aug 23, 1919.													
Prov Res Canal	9:44a	1.22	39.00										
Raised Prov Bent	9:52a	.03 of foot.											
West Union	9:52a	~~Off~~											
River ~~Bottom~~ cut down.													
I phone Oliver to raise Nunns Weir to 9 3/8" = 78													
Oliver reports Olmstead Dam Weir raising 1 inch last night. Phone leaching 0.30 cfs.													
Adjusted Lost Field & Dry Creek at 12-1 pm.													
Aug 24, 1919.													
Prov Res Canal	6:40p	1.20											
I request Oliver to try 9 1/2" at Nunns in the morning.													
At Office find Day with Bond.													
Burnell reports Lake ~~Bottom~~ Canal, go over system in pm.													
I phone Bond cut out Pago Storage at Washington Dam this morning.													
Prov Bent	8:35a	1.49	47.60										
West Union	8:45a	.51	15.55										
Prov Res Canal	8:56a	1.22	39.00										
" " Lat #1	8:56a		0.0										
Nunns Weir	9:34a	78											
Removed Nunns River gage and installed on Nunns Weir													
Nunns Weir	9:59a	78	~~24.00~~										
Lemon Stream	10:14a		0.0										
Dry Creek Weir	10:16a	0.11	.59	around Weir 0.10 cfs									
Lodge Weir	10:14a	0.10	.64										
Impromptu	11:10a	.80	8.50	Canal has been cleaned.									
[illegible]	11:14a	.50	10.10										
Cole Rose	11:18a	.58	6.80										
Fallon Rose	12:07p		2.00										
Union	12:04p	.66	15.03										
Conner Rose	12:50p	.32	5.09										
			28.97										
Lake ~~Bottom~~	12:34p	.58	7.80										
Aug 27, 1919.													
Watson Reports Pago. Cut out at 4:30 pm.													
Prov Res Canal	4:55p	1.12	36.00										
" " Lat #1	4:45p	.37	1.33 / 37.33										
Prov Res Co. emptied its sheet Aug 23, using 207 for Pal Vel Ck = 40.09 + .60 = 40.69 Less 2.88 Pago Storage = 37.81 that is Canal is approx. in adjustment													
Total	57												

Computations made by T. F. Wentz

Observations made by T. F. Wentz

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

Tabulation of Flow and Distribution of Provo River for Aug. 28, 1919.

NAME	Time	G. H.	Disc.	Dec'd Ne	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added Pro Rate.	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
								60%		43.30			
Provo Bench Co.				62.14	6		68.14		37.30	~~37.30~~			
Provo Res. Thru Provo Bench									8.00				
Total P.B.	151p	152	49.85							51.30	1.45		
West Union	203p	53	16.50	27.14			27.14		16.30	16.30		0.20	
Park & Nuttal	205p	41	2.82)										
Barton & Young	211p		0.00)	2.03			2.03		1.20	1.20		1.62	
Timpanogus	325p	84	9.00	11.30	2		13.30		6.80	8.80		0.20	
ULU&FFD.	316p	50	10.10	12.56	2.		14.56		7.55	9.55		0.55	
Cluff Ditch	306p		0.25)										
Baum Ditch	418p		0.00(	1.80			1.80		1.10	1.10		1.10	
Young Ditch	420p	70	1.95)										
City Race	436p	68	9.06										
Factory Race	452p		2.00										
Union	456p	66	15.23										
Tanner Race	556p	37	6.34										
			32.63	56.90			56.90		34.20	34.20	1.57		
Provo City Waterworks Assmd				6.00			6.00		6.00	6.00			
Dry Creek	606p	48	4.48	6.75			6.75		4.05	4.05		.43	
Fort Field	640p	40	1.74	5.74			5.74		3.40	3.40	1.66		
West side 8-22-19			8.78	18.25			18.25		11.00	11.00	2.22		
East Riv. Bot. W Co.			5.80	5.29			5.29		3.20	3.20		2.09	
Provo Res. Co. Subject to Pro Rate:													
Blue Cliff				50.									
Dixon				2.50									
Wright				1.00			53.50			32.10			
And Not subject to pro rate													
Round Valley Creek										2.04			
Wright Springs										.81			
Tanner Drain										1.96			
Ontario Tunnel Water										10.52			
Total Provo Res Co.										47.43			
And of the 47.43 8.00 is taken thru Provo Bench leaving 39.73 to go thru Provo Res. Canal.													
Provo Res.Can.	215p	126	39.26							39.73		.47	
Totals			189.16							189.83			

River Bottoms: (Details)

c.	256p	00
d	258p	00
e	259p	00
f.	300p	0.10
g.	305p	0.00
i	312p	0.20
j	342p	0.10
l	343p	0.20
h2	350p	0.00
k	353p	0.00
m	354p	0.00
n	355p	00
o	359p	5.20
		5.80

Nunns Weir 79 24.30 Oliver
Sandgate Weir .10 .64 By Oliver.
Total 78

Computations made by T. F. Wentz.

Observations made by T. F. Wentz

vs.

Provo City et al

2888 Civil

Tabulation of Flow and Distribution of Provo River for Aug 29. 1919.

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
over part of Spring Creek and river, I may have to bring some water down West Union for a short time and dump to Spring Creek.													
To Wasatch County in fall.													
Washington Irrig Co. ask for 30 to 50 feet at up.													
Wasatch Canal	547 p	32	11.45										
North Field	580 p	approx	2.00										
Prov Res Weir	6/5 p	27	4.39										
Riv Wasatch Canal			12.00										
			29.84										
Orlando Pump			16.02										
Natural River			13.72										
Midway										6.50			
										18.90			
Adjusted N Field & Wasatch.													
Adj 9.6 Br Pump & P R Pump, 10.5 cfs + 6.50 = 17.0 cfs - 12.00 = 5.0 cfs by P R Weir.													
										T F Wentz			

Total 57

Computations made by ..... Observations made by .....

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

Tabulation of Flow and Distribution of Provo River for September 1919.

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
Sept. 1, 1919.	Cloudy - light showers during night												
Lake Rice	630a	56											
Factory Race	635a		200										
Union	637a	62											
Tanner Race	655a	36											
Dry Creek	705a	48											
Rule Bottom	a.m. m. KL.	00											
Reduced "I"													
D. H. F. L. & C		00											
Wellington.	758a	50	1010										
Adjusted West Union & Provo Bench to Rule of present date.													
Raised City Creek													
Provo Res Canal	820a	130											
I have Oliver reduce Nuns Weir .08 on gage													
Raining on Pm - at Office.													
Sept. 3, 1919.	~~700a~~	~~165~~											
Provo Bench	700a	165											
West Union	714a	54											
Provo Res Canal	720a	136											
" " Lot #1.	720		00										
Sept. 5, 1919.	G.H. 16-60.			Cloudy - (A large part of slow flow is coming from Pole Canyon - river is very muddy.)									
Provo Bench Co.	1036a	180											
West Union	1038a	56											
Raised West Union by reducing Park & Mutual													
Provo Res Canal	1047a	136											
" " Lot #1.	1047a		00										
Gates clogged with dirt, I remove dirt and set gates to new river. Observe river is receding.													
Sept. 4, 1919 Calculated Concession of Rep. Co. & P. Co. for Month of August.													
Sept. 6, 19 Reiske applies for more water on account of dirt washing out and losing of lawns. - I authorize him to take from 7 hours when ditch is repaired.													
Sept. 7, 1919. Weather unsettled - occasional showers, G.H. 18-60													
Provo Bench Co.	958a	172											
West Union	1007a	56											
Provo Res Canal	1015a	120	35 00										
I request Oliver to raise Nuns Weir to 100 for temporary adjustment													
I bring West Union, adjusted Provo Bench Head gates, Provo Irrigation Provo Res Co. Berkworks clogged with dirt, I notify McEwan, at Office in Pm.													
Total Dry Creek	730	30	2.51	Rain	5	17	8	pm		(I follow Pay & Lion mill from Rockyford west to Provo and Kenney)			

Computations made by J. F. Wentz

Observations made by J. F. Wentz

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

Field Sheet

Tabulation of Flow and Distribution of Provo River for Sept.7,1919.

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
Gh. 28-60 Disch 250								87 per cent Pro Rate					
Provo Bench Co.				62.14	6.		68.14	54		60.00			
Provo Res. Thru Provo Bench							8.			8.00			
Total thru Provo Bench										68.00			
West Union Canal				27.14			27.14	23.60		23.60			
Park & Nut. & Barton & Young				1.82			1.82	1.60		1.60			
Timpanogus				11.30	2.		13.30	9.83		11.83			
U.E.U.&.F.Fd.				12.44	2.		14.44	10.80		12.80			
Cluff Dixon, Baum, Young				1.68			1.68	1.45		1.45			
Provo City, Irrig. & Power,				53.04			53.04	46.20		46.20			
Waterworks				6.00			6.00	6.00		6.00			
Dry Creek				6.75			6.75	5.90		5.90			
Fort Field				4.60			4.60	4.		4.00			
Lake Bottoms				10.19			10.19	8.90		8.90			
Sprin Creek				4.65			4.65	4.00		4.00			
Provo Res. Co the following													
Blue Cliff				50.									
Dixon				2.50									
Wright				1.			53.50		46.50	46.50			
And not subject to pro rate													
Ontario Tunnel				10.52									
Round Valley Creek				3.47	.35								
Springs				0.90	.09								
Tanner Drain				1.96			16.41			16.41			
Provo Res. Co. 46.50 + 16.41 = 62.91 - 8.00 thru Provo Bench Canal = 54.91 Thru P.R.Canal.													
										249.19			
River Bottoms				49			49		430	430			
										253.49			

Total

Computations made by

Observations made by

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

Tabulation of Flow and Distribution of Provo River for Sept. 8, 1919.

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
Gate 27-60			using some shut off dist to 9-9-19.										
Dry Creek	1038a	47	4.34										
Mr Perry reports he has turned more to Dry Creek and Tanner Race.													
U&W&T Ak.	1110a	52	10.68										
Tanner race	1113a	90					"Jan Trouble"						
Prov Res Co.	549p	146	55.00				"Dry Creek"						
Should have by shut without concession of up Res Co. 3.12 Rd Vol. +0.90 Spring +5.26 Tunnel, +87% of 3.50 to 3.05 = 12.33 and have a concession of 15 cfs. from up Res Co. that is 12.33+15 should go over dam. I report Oliver & Cut Nuns Wein to 83-84 observe that 90 cfs of Prov Res Co is unavailable to their canal - in making shut this amt is held as reserve.													
Sept. 9, 1919.													
Prov Res Canal	846a	148	Probably change not made until this morning.										
USGS gage	920a	21											
Provo Falls Creek	1007a		2.69										
Charleston Irr Canal	1110a	74	12.45										
Brown Well	1128a	19.7											
Island Ditch	1155a		6.50	approx.										
Prov Lower Midway Canal	12 m.	149											
Sp Cr & Provo Int	1207p	131											
Midway Overflow	1327p	30											
Wasatch Canal	156p	38	14.85										
N. Field	158p	46	16.27	deduct 0.30.									
Prov Res Co. Wein	207p	34											
Prov Warsatch Dam	214p	105	17.00										
Oliver's Tunnel	318p	164	15.47										
USGS gage	649p	21											
Order of up Res. reports Nuns Wein cut to 84 at 12.15p.													
Prov Res Canal	726p	134											
Sept. 10, 1919 at 8 am Oliver phones "Water back in flume turned out at 7.15a" "Water back at 8.15a" I go to mouth of canyon and arrange gates to distribute flow, at 930 water reaches Kessell Dam, maintain P.R. Canal at some discharge - below our dam. Water reaches at 1030a I clean gates of ditch, leave mouth of Canyon at 1115a													
Tanner W. Ditch	1141a		00										
" to Flume	1143a	70	1.12										
" to Ditch	1146a		00										
Tanner Drain	12m		1.80										
Clyde Ditch	1221p		00										
Slow Drain	1232p		00										
Bickwon	1236p	44	0.20										
Partridge	1246p		00	Total 13.22									
Lake Creek Canal	1250p	80	10.90										
Range Open Dr.	105p		00										
Order Office	105p		00										
Total	54												

Computations made by T. F. Wentz

Observations made by T. F. Wentz

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

Tabulation of Flow and Distribution of Provo River for Sept. 11,1919.

Sheet 1.

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
							74 per cent Pro Rate.				
Provo B. Can.	905a	168	53.17	62.14	6.	68.14	46.10	52.10			
Provo Res. Co. thru P.B.Can								10.00			
Total Thru Provo Bench Canal								62.10	8.93		
West Union	944a	56	17.94	27.14		27.14	20.10	20.10	2.16		
Park & Nuttal	946a	49	3.74)								
Barton & Youn.	952a		.70)	1.82		1.82	1.35	1.35			
Total of above three			22.38				21.45			.93	
I turn from Park & Nuttal to West Union after observation: to adjustment;											
All three have same heading from tailrace.											
Provo Res. Can	956a	134	42.56								
" " Lat#1	1020a		1.68								
			44.24					41.34		2.90	
Nunns Weir	1047a	85	27.50*								
Donnon Stream	1101a		0.00								
Olmstead Dam											
Weir	1103a	15	0.78*	Around Weir "Trace"							
Sandgate weir	1108a	15	1.17*								
U.E.U.&.F.Fd.	1150a	57	12.28	12.44	2.	14.44	9.20	11.20		1.08	
Timpanogus	1221p	85	8.27	11.30	2.	13.30	8.40	10.40	2.13		
City Race	115p	87	12.78								
E.Union	140p	50	9.76								
Factory Race	145p	20	6.37(2"cfs. Lkg.)								
Tanner Race	200p	42	7.66								
Total Provo City			36.57	53.04		53.04	39.30	39.30	2.73		
Water works Provo City				6.00	Assumed	6.00	6.00	6.00			
Dry Creek	217p	58	5.95	6.75		6.75	5.00	5.00		.95	
Fort Field	242p	66	3.93	4.60		4.60	3.40	3.40		.53	
River Below Fort Field	251p		0.90								
River Bottoms			5.66	4.92		4.92	3.65	3.65		1.99	
Cluff Ditch	1155a	110	5.79								
Young Ditch	100p		.00								
Baum Ditch	100p		.00								
Dixon Ditch	150p		.00								
Total of Bove four			5.79	1.68		1.68	1.25	1.25		4.54	
Above four are not a continous schedule: "City Creek Stub.""											
Lake Bottoms	12.50p	80	10.90	10.19		10.19	7.50	7.50	(9-10-19)		
Spring Creek			1.32	4.65		4.65	3.45	3.45	(")		
Total			218.36								
Provo Res.Co. the following:											
Blue Cliff				50.00							
Dixon				2.50							
Wright				1.00		53.50	39.60	39.60*			
And not subject to Pro rate the following:											
Ontario Tunnel				9.97							
Round Valley Creek				2.40							
Wright Estate Springs				.80							
Tanner Drain				1.80		14.97	14.97	14.97			
Total						285.14					
Constants						30.97					
Subject to pro rate						254.17					
Total			218.36					216.04			
Balance								2.32			

Computations made by T.F.Wentz

Observations made by T.F.Wentz.

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

Tabulation of Flow and Distribution of Provo River for Sept. 11,1919. Sheet 2.

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.

Total Discharge 218.36 cfs. - 30.97 constants is 187.39 to prorate = 74-%

And Provo Reservoir Co. are entitled to 39.60 + 14.97 is 54.57 and 10.cfs. thru Provo Bench canal leaves 44.57# thru P.R.Canal, providing it is available to canal.
And Provo Reservoir Co. have own right to pass over Olmstead Dam 9.97½ tunnel water + 2.40 Rd. Val. + .80 Wright Springs + 1.85 Dixon + .74 Wright water = 10.77 and have concession from U.P.&.L.CO. of 15cfs. making a totl over Olmstead Dam of 25.77
And there is over sandgate weir 1.17, that is 25.77 - 1.17 = 24.60 to go over Nunns weir - ght of .795. I phone U.P.&.L.Co to cut Nunns weir to 79-80, that is cut Nunns weir 2.90 cfs.
And Provo Res. Canal. will have 44.24 - 2.90 = 41.34 cfs. and 44.57# - 41.34 = 3.23 cfs. unavailable to Provo Res. Canal under present conditions.

Note: Observe from recent preceding dates conditions have been unsettled until to-day, rather than adjust on gages it was considered best to make total measurement today and adjust this evening.

Signed. T. F. Wentz
Commissioner.

Total

Computations made by ..... Observations made by .....

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

Tabulation of Flow and Distribution of Provo River for Sept. 1919.

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
Sept. 12, 1919: Made adjustments as per sheet of yesterday - spent part of day at office making out claims													
9-15-19 Early Turns water to Fairly Pace. Got new lines and of system in Bm.													
9-16-19 at office most of day new system in form.													
9-17-19 Finished making out claims													
Ent Field	33½p	33											
By H. Fd.	33½p	est	0.50										
Dry Creek	348p	23	1.49										
Tanner Pace	400p	25	3.50										
Early Pace	412p	26											
Union	420p	12											
Fairly Pace	425p	28											
US Water	510p	45											
Impingen	518p	88											
Water Co	530p	Raised											
Prov Res Canal	546p	130											
" " Lot #1	546p	est	168										
Water Co est about ½													
West Union	600p	56											
Prov Bench	612p	172											
9-18-19 at office													
9-19-19 " "													
9-20-19 at Salt Lake made filing of Bm. Sp. Report 1918 with US Ct.													
9-21-19 Made survey for new Bending Lateral Canal.													
9-22-19.													
Wasatch Comp	518p	39											
N Field	530p	30											
P R Wein	546p	33											
Riv Was Dam	546p	103											
Mid Riv Ditch	602p	31											
Riv. Mid Tower Dam	602p	148											
Co. of Highland	609p	110											
Wasatch	Approx		8.00										
9-23-19													
Brown Well	30½p	20.4											
Blanchard Tower Comp	30½p	110											
R J Valley Creek	34½p		2.61										
Uses Gorge	430p	22											
Total	51												

Computations made by J. F. Wentz

Observations made by J. F. Wentz

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

Tabulation of Flow and Distribution of Provo River for Sept. 24, 1919.

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	~~Pr Cent Added~~ ~~Amt. Added~~	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
								74% Pro R.				
P.Bench Can.	820a	172	54.76									
P.B.Company				62.14	6.		68.14	46.10	52.10			
Provo Res. Co. thru P.B.canal.							14.61		14.61			
Total Thru Provo Bench Canal.									66.71			
West Union	850a	54	16.98	27.14			27.14	20.10				
Park & Nuttal	852a	48	3.62)									
Barton & Young	856a		.60)									
			4.22	1.82			1.82	1.35	1.35			
Provo R. Can.	902a	130	39.74						39.88			
" "Lat.#1			0.00									
Nunns Weir	944a	80	25.00									
Donnon Stream	956a		0.00									
Olmstead Dam Weir	957a	.14	.71	"Around Weir Trace"								
Sandgate weir	1002a	.09	.55									
U.E.U.&.F.Fd.	1035a	49	9.76	12.44	2.		14.44	9.20	11.20			
Timpanogus	1054a	82	7.34	11.30	2.		13.30	8.40	10.40			
City Race	12M.	30	2.22									
Union	1224p	45	8.19									
Factory Race	1225p	225	34.20									
Tanner Race	1245p	26	3.72									
			48.33	53.04			53.04	39.30	39.30			
Dry Creek	100p	13	0.63	6.75			6.75	5.00	5.00			
Fort Field	121p		0.00	4.60			4.60	3.40	3.40			
By Ft. Fd. Dam	121p		2.25	~~5x75~~			~~5x75~~	~~5x00~~	~~5x00~~			
River Bottoms			12.27	4.92			4.92	3.65	3.65			
Cluff Ditch	930a		0.25									
Young Ditch	1145a	55	1.15									
Baum Ditch	~~1220p~~ 1147a		0.00									
Dixon Ditch	1220p		0.00									
			140	1.68			1.68	1.25	1.25			
Lake Bottoms & Spring Creek				13.20	14.84		14.84	10.95	10.95			
Waterworks assumed			6.00	6.00			6.00		6.00			
Total			216.88									
Provo Res. Co the following rights:-												
Blue cliff				50.								
Dixon				2.50								
Wright				1.00			53.50	39.60	39.60			
And not subject to pro rate the following:-												
Ontario Tunnel				9.97								
Round Valley Creek				2.32								
Wright Esate Springs				.80								
Tanner Drain				1.80			14.89	14.89	14.89			
Total												

Provo Reservoir Co have own right to pass over dam 4.98"T", + 2.32 Rv + .80 + 1.85 Dix. + .74 Wright = 10.69 + 15 concession = 25.69
And there is over sandgate .55 and over Nunns 25.= 25.55 a deficit of 0.14. then Provo Reservoir Canal is entitled to 39.88.
And P.R.Co are entitled to 39.60+ 14.89 = 54.49 less 39.88 is 14.61 of P.R.Water to go thru Provo Bench Canal.

Note: West Union, Spring Creek, Timpanogus, Fort Field, Dry Creek, City Creek Ditches have voluntarily reduced.

T.F.Wentz,

Computations made by [illegible] Observations made by T.F.Wentz.

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

Tabulation of Flow and Distribution of Provo River for Sept. 1919.

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
9-26-19													
James W. Platt	135p		00										
" Flume	137p		0.0										
" E. Ditch	140p		0.10										
Clyde Ditch	156p		00										
I turn Farmer	down to East side												
Clyde Prudhe	200p		00										
Steve Jones	207p		00										
Brown.	210p		0.20										

I meet L. L. Burnett at Ashley Taylor's. he states "I have just turned out the Bottom Canal for season" Conditions are so I am unable to get a measurement at this time until water settles, so I assume for west side a total of 13.20 score 09-10-19.
Prov Res Co. request that all their water not available to P.R. Canal be turned to Prov Bench Canal.
Adjusting upper canals on Sheet of 9-24-19.
Prov Bench 638 117
" " ust. 717p 129.

9-27-19 Fall storms set in.
9-28-19
Prov Bench ust. 1000a 136 Raining over system in am
9-29-19 as 9/27.
9-30-19 at 7.30 am I call Archer and request him to cut Numms weir to 0.48 at 5 pm

Oct. 1, 1919.
Prov Bench G. 830a 220 Over system in am.
at 2.50 pm screen Reports "Sandgate 15" = 31.3"
Numms 51 = 12.57
P. R. Co have arm right to pass over dam 12.41 afs and on Sandgate = ~~8.44~~ 8 3/8" I authorize up P.R. Co. to cut out Numms ~~weir~~ stream and do not reduce Sandgate weir gage below 8 3/8" when rain has ceased and you must take water thru flume to Numms call and I will give you ~~8.44~~ at Numms.
at 10 pm Hal Cluff requests that Weir be reduced to 1/2 just enough for Culinary.

Total 49

Computations made by T. F. Wentz

Observations made by T. F. Wentz

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

Tabulation of Flow and Distribution of Provo River for 6/18-19-20-21-23

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
June 18													
Washington 6	10.12a	1.35	23.60										
South Kamas 5	10.25a	.88	26.40										
Stewarts 1	11.58a		3.56										
Stewarts 2 } 1	11.32a		3.48							0.0		3.48	
Stewarts 4	12.24P	1.08	7.84										
Sunrise 2	1.46P	1.08	7.60										
Larson & Cutler 12	3.32P	1.09	5.00				2.13			5.58		2.13	
William & Nephi Moon 11	3.54P		1.18				1.18			0.0		1.18	
June 19													
South Kamas 5	8.12a	.85	25.20										
Washington 6	8.25a	1.42	26										
William Lemons 18	12.29P		dry										
Jack Bates 19	1.26P		dry										
James Baird 20	1.54		1.38										
John E. Burg 22	2.19P		1.50										
Joseph Morris 29	3.2P		5.82										
Hatch & Baum	3.47P		2.10										
Provo Res Weir	4.16P	1.26	47.83						3.74	51.57			
East W. Dam		1.05	16.04										
Wasatch 32	5.3P	.70	38.32						7.94	46.26			
North Field 33	5.4P	.83	40.50				9.33 ~~14.10~~						
Timpanogus 28	5.30P	1.25	23.33										
June 20													
North Field 33	9.6a	.63	26.40										
Wasatch 32	9.7a	.83	50.22										
Timpanogus 28	9.18a	1.23	23.33						6.66	30.0			
Provo Res Weir	9.24a	1.33	51.57										
George Jordon 30	10.21a	.43	3.64										
Drain Tunnel	11.52a		18.78										
June 21													
Washington 6	2.46P	1.42	.26				18			16.0			
South Kamas 5	3.4P	.90	27.85				3.85			24.0			
June 23													
Washington 6	8.21a	1.26	20.60				.60			.20.0			
South Kamas 5	12.17P	.88	26.0				2.0			24.0			
Stewarts 4	4.25P	1.01	4.40										
Total													

Computations made by Ernest Bangh

Observations made by

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

Tabulation of Flow and Distribution of Provo River for June 24, 25, 26, 27, 28, + 30.

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
June 24													
South Kamas 5	9:51a	.82	24.0										
Washington 6	10:21a	1.24	20.0										
Sunrise 2	1:16P	.93	6.0										
Stewarts 1	3:43P	dry											
Stewarts 2	4:22P	dry											
Stewarts 4	5:41P	dry											
Stewarts 3	6:21P	dry											
June 25													
William Lemon 15	12:04P	dry											
Rasmus Larson 14	12:46P	dry											
Jack Bates 19	12:57P	dry											
John E. Burg 22	1:51P	1.25					1.25			0			
Mary Davis 97	2:31P		6.57										
Joseph Morris 26	2:42P	dry											
George Jordon 30	3:18P	dry											
Hatch & Baum	3:47P		1.87										
Timpanogus 28	4:11P	1.58	30.0										
Provo Res.	4:34P	1.20	43.83										
Wasatch 32	4:43P	.86	58.28										
North Field 33	4:44P	.82	39.60										
June 26													
Sunrise 2	2:25P	.97	6.45										
South Kamas 5	3:56P	.82	24.0										
Washington 6	4:27P	1.23	19.87										
June 27													
Washington 6	6:15a	1.22	19.0										
South Kamas 5	6:27a	.86	25.20										
Wasatch 32	10:31a	.78	45.27										
North Field 33	10:32a	.71	31.72										
Timpanogus 28	1.03P	1.52	28.0										
Provo Res.	1:13P	1.04	34.72										
Joseph Morris 26	1.34P		6.47										
June 28													
Washington 6	7:32a	1.24	20.0										
South Kamas 5	7:41a	.86	25.20										
June 30													
Washington 6	8:02a	1.24	20.0										
South Kamas 5	8:44a	.85	25.0										
Big Elk Res.	1.24P	1.02	20.15										
Total													

Computations made by Ernest Knight

Observations made by

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

Tabulation of Flow and Distribution of Provo River for May 10, 31 – June 11, 13, 17 1919

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
	May 10												
~~Washington 5~~	~~10-30a~~	~~120~~											
Washington 6	4-14P	.90	11.42										
South Kamas 5	5.2P	.80	31.36										
	May 31												
Wasatch 32	10-30a	1.20	91.35										
Timpanogus 28	10-38a	2.04	46.20										
	June 11												
Stewart 1	1-38P		3.56										
Stewart 2	2-12P		3.47										
Stewart 4	3-2P	.80	4.08										
James Duncan 1	4P	.29	1.12										
James Duncan 2	4-14P		1.0										
Sunrise 2	5-2P	1.25	9.81										
South Kamas 5	6-4P	.94	28.50										
Washington 6	7-42P	1.44	26.20										
	June 13												
Wasatch 32	12-26P	1.02	70.2										
North Field 33	12-28P	1.27	90.0										
Timpanogus 28	1-20P	1.44	63.0										
	June 17												
Washington 6	9-15a	1.35	23.60										
South Kamas 5	9-25a	1.04	32.0										
Wasatch 32	12-17P	.88	55.26										
North Field 33	12-19P	.96	52.0										
Timpanogus 28	1-20P	2.47	61.10										
Provo River below Wasatch dam	2-30P	1.05	16.04										
Provo Res. Weir	3-1P	dry							47.43				1.26
Total	46												

Computations made by Ernest Knight Observations made by

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

Tabulation of Flow and Distribution of Provo River for July 1, 2, 3, 4, 5 & 6

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
July 1													
South Kamas 5	9:36a	.87	26.50				6.80			20.0		6.80	.72
Washington 6	9:43a	1.24	20.0		2.0					18.0			
July 2													
South Kamas. 5	8:16a	.72	20.0										
Washington 6	8:37a	1.24	20.0		2.0					18.0			
Provo Res. Weir	4:50p	1.04	50.96										
Wasatch 32	5:09p	.76	43.47										
North Field 33	5:10p	.63	27.40										
Timpanogus 28	5:32p	1.50	27.20										
July 3													
Larson & Cutler 9	10:30a	[illegible]	5.50				.60			4.90		.60	
Turnbow & Gines 14	11:04a		2.0										
James Knight 1	11:24a		2.15										
James Knight 2 } 10	11:56a		1.75										
James Knight 3	12:16p		1.14										
Washington 6	3:36p	1.24	20.0										
Phillip 7	3:42p		2.86										
South Kamas 5	4:02p	.61	16.0										
Sunrise 2	5:12p	.56	4.0										
July 4													
Washington 6	6:24a	1.24	20.0										
South Kamas 5	6:34a	[illegible]	16.0										
Timpanogus 28	7:44a	1.50	27.20										
Wasatch 32	7:56a	.80	41.80										
North Field 33	7:57a	.57	22.50										
July 5													
Timpanogus 28	5:26p	1.50	27.20										
Wasatch 32	5:48p	.80	41.80										
North Field 33	5:49p	.54	20.77										
July 6													
Stewart 1 }	4:48p	dry											
Stewart 2 } 1	5:14p	dry											
Stewart 3 }	5:38p	dry											
Stewart 4 }	6:02p		3.84										
Sunrise 2	6:34p	.73	3.90										
South Kamas 5	7:21p	.61	16.0				2.0			14.0		2.0	.54
Washington 6	7:42p	1.24	20.0										
Total													

Computations made by Ernest Knaught

Observations made by

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

Tabulation of Flow and Distribution of Provo River for July 7, 8, 9, & 10

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
July 7													
S South Kamas 5	6:12a	.44	10.40							14.0	3.60		.54
Washington 6	7:21a	1.24	20.0										
Fitzgerald & Hardy 4	10:24a		2.75				2.75			0		2.75	0
Larson & Cutler 9	10:58a		5.50				2.15			3.37		2.15	
James Knight 2	11:53a		1.05										
James Knight 3	12:10P		1.0										
Ola W. Larson 13	12:31P		dry										
July 8													
South Kamas 5	7:20a	.44	10.40										
Washington 6	7:35a	1.24	20.0										
Wm Lemon 15	11:31a		0.75										
Jack Bates 19	12:21P		dry										
John Burg 22	12:52P		dry										
Levi North 25	1:30P		1.0										
John Buttry 24	1:42P		dry										
Mary Davis 97	1:54P		5.27										
Joseph Morris 26	2:02P		dry										
George Jordon 30	3:01P		dry										
River below dam	3:43P	1.04	16.0										
Hatch & Baum	3:56P	.20	1.26										
Provo Res.	4:14P	.99	33.22										
Wasatch 32	4:24P	.75	42.75										
North Field 33	4:25P	.40	13.13										
Timpanogus 28	4:47P	1.50	27.20										
July 9													
Billy Mc	12:37P	1.32	4.05				2.05			2.0		2.05	1.0
Wasatch 32	1:15P	.64	33.48				2.23			31.25		2.23	.57
North Field 33	1:16P	.36	12.15							14.38	2.23		
Timpanogus 28	1:34P	1.50	27.20										
Provo Res.	1:40P	.99	33.22										
River below dam	1:57P	1.04	16.0										
Joseph Morris 26	2:23P		3.0										
Mary Davis 97	3:02P		dry										
Washington 6	9:08P	1.16	18.0							20.0	2.0		1.24
South Kamas 5	9:14P	.42	9.60										
July 10													
Washington 6	9:21a	1.20	19.0										
South Kamas 5	9:46a	.42	9.60										
Sunrise 2	2:13P	.64	3.0				1.0			2.0		1.0	.55
James Duncan 3	2:14P	.47	2.40										
Stewarts 1	4:30P		dry										

Total 64

Computations made by Ernest Straight

Observations made by [illegible]

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

Tabulation of Flow and Distribution of Provo River for July 12, 13, 18, 19, 20, 21, 22, 23, 24, 25

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
July 12													
Washington 6	8:22a	1.16	17.50										
South Kamas 5	9:31a	.45	10.60										
July 13													
Washington 6	7:26a	1.18	18.05				12.20			5.85		12.20	.63
South Kamas 5	7:42a	.45	10.60										
Sunrise 2	9:16a	.55	2.0										
July 18													
Washington 6	4:20P	.63	5.85										
South Kamas 5	4:05P	.45	10.60										
Stewarts 1	5:52P	dry											
July 19													
Washington 6	1:13P	.64	6.0										
South Kamas 5	2:09P	.44	10.10										
Larson & Cutler 9	2:46P		3.25										
July 20													
South Kamas 5	10:11a	.45	10.60										
Washington 6	10:31a	.63	5.85										
Sunrise 2	11:22a	.55	2.0										
July 21													
Washington 6	4:40P	.62	5.60										
South Kamas 5	4:54P	.45	10.60										
July 22													
South Kamas 5	9:24a	.42	9.90										
Washington 6	9:44a	.60	5.0										
Fitzgerald & Hardman 4	10:21a	dry											
Phillips 7	11:34a		2.10										
July 23													
William Lemon 15	11:19a	dry											
Rasmus Larson 14	11:16a	dry											
Larson & Bates 16	11:56a	dry											
Jack Bates 19	12:04a	dry											
James Baird 20	1:36P	dry											
July 24													
South Kamas 5	7:01a	.45	10.60										
Washington 6	7:29a	.63	5.85										
July 25													
South Kamas 5	8:40a	.45	10.40										
Washington 6	9:56a	.62	5.60										
Total													

Computations made by Ernest S. Knight

Observations made by

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

Tabulation of Flow and Distribution of Provo River for July 26, 27, Aug. 1 and 2

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
July 26													
Stewart 1	10:05a	dry											
James Duncan 3	10:45a	dry											
Sunrise 2	11:07a	.54	1.90										
Larson & Butler 7	11:59a		3.0										
Fitzgerald & Hardman 4	12:04P	dry											
South Kamas 5	12:47P	.45	10.60										
Washington 6	1:21P	.63	5.55										
July 27													
South Kamas 5	2:31P	.41	9.40										
Washington 6	2:53P	.63	5.60										
Sunrise 2	4:21P	.52	1.83										
Aug. 1													
Washington 6	6:32a	.63	5.80										
South Kamas 5	6:41a	.36	8.0										
Wm Lemon 15	1:20P	dry											
Ola Larson 13	1:50P	dry											
Rasmus Larson 14	2:16P	dry											
John E. Burg 22	3:02P	dry											
Levi North 25	3:42P	dry											
Mary Davis 27	4:28P	dry											
Joseph Morris 24	4:12P	dry											
George Gordon 30	4:45P	dry											
River below dam	5:04P	1.04	16.0										
Hatch & Baum	5:08P	.25	1.78										
Provo Res. Weir	5:37P	.22	32.31										
Wasatch 32	5:45P	.72	39.94										
North Field 33	5:46P	.42	14.14										
Aug. 2													
Wasatch 32	2:57P	.77	44.46										
North Field 33	2:58P	.46	16.27										
Provo Res. Weir	3:46P	.23	34.47										
Part Dam	3:27P	1.04	16.0										

Total 4

Computations made by Ernest Knight

Observations made by

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

Tabulation of Flow and Distribution of Provo River for 6-20-1919

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. M.
Wasatch Canal	1:24P.	.74	41.76										
North Field	1:32P.	.72	32.40										
Timpanogas	1:40P.	1.50											
R. Bel. Was. Dam	1:55P.	1.21											
Provo Res. Weir	2:27P.	1.34	52.20										
Mid. Upper Dit.	3:37P.		8.5								1.50		
Island Ditch	4:45P.		15.00							10.00		5.00	
Mid. R. Low. Dam	4:30P.	1.85											
Spring C. & Sage B.	4:50P.	.98											
Charleston Upper C.			15.00	Estimated.									

Total 41

Computations made by Taylor Bond

Observations made by Taylor Bond

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

Tabulation of Flow and Distribution of Provo River for 6-21-1919

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
Wasatch Canal	7:10A	.76	43.47										
North Field	7:15A	.66	28.35										
Timpanogas	7:27A	1.62											
River Bel. Was. Dam	8:55A	1.10											
Provo Res. Weir	7:40A	1.32	51.07							42.74		8:31	1.18
Mid. Upper Dit.	8:30A		10.0										
Island Dit.	9:30A		10.0										
Mid. R. Lower Dam	9:52A	1.76											
Spring Ck. Sage	10:04A	1.12											

6-22-1919

Sunday at Home.

Total 40

Computations made by Taylor Bond

Observations made by Taylor Bond

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

Tabulation of Flow and Distribution of Provo River for 6-23-1919

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
Wasatch Canal	4:22P.	.82	49.23										
North Field	4:25P.	.74	33.75										
Timpanogas	3:27P.	1.55											
River Bel. Was.	4:37P.	1.10											
Provo Res. Weir	4:13P.	1.18	42.66										
Mid. Upper Dit.			10.00										
Island Dit.			10.00										
Spring C. & Sage B.	1:30P.	1.02											

6-24-1919

Wasatch Canal	6:25P.	.86	53.28										
North Field	6:28P.	.82	39.60										
Timpanogas	3:05P.	1.56											
R. Bel. Was. D.	3:27P.	1.10											
Provo Res. Weir	6:12P.	1.19	49.2										
Island Dit.	11:40A.		10.0							7.00		3.0	
Mid. R. Low. D.	11:24A.	1.75											
Spring C. & Sage.	11:09A.	1.06											
Chall. Lower Can.	1:41P.	1.26											

6-25-1919

Wasatch Canal	11:01P.	.88	55.26										
North Field	11:03P.	.86	42.90										
Timpanogas	10:54A.	1.61											
River Bel. Was. D.	11:37A.	1.12											
Provo Res. Weir	11:19A.	1.20	49.83										
Mid. R. Lower D.	8:53A.	1.80											
Spring C. & Sage	8:00A.	1.20											

Total 39

Computations made by Taylor Bond

Observations made by Taylor Bond

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

Tabulation of Flow and Distribution of Provo River for 6-26-1919

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
Wasatch Canal	3:10P.	.82	49.23										
North Field	3:00P.	.64	27.23										
Tanpanogas	2:38P.	1.60	29.91									3.51	1.51
Charleston Lower C.	9:48A.	1.21	21.26										
Charl. Upper C.	11:32A.	.30	9.18	One sec. ft. leakage & 2 sec. ft. waste water						15.82	4.00		
Provo Res. Weir	4:10P.	1.19	43.2									8.28	1.04
Ontario Tunnel	5:14P.	1.60	15.67										
Spring C. & Sage B.	11:58A.	1.08	20.52							16.52		4.00	

North Field and Wasatch Canal are working on a fallen river because Morris is using above.

Turned 4 cfs. from Spring & Sage Brush into Charleston Upper Canal thru waste ditch by Witts.

Total 38

Computations made by Taylor Bond Observations made by Taylor Bond

vs.

Provo City et al

2888 Civil

Tabulation of Flow and Distribution of Provo River for 6 — 27 — 1919

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
Spring C. & Sage	8:20A	1.04											
Charl. Upper Can.	8:40A	.34	10.87		One Sec. ft. leakage								
Mid. R. Lower Dam	9:00A												
Island Ditch	10:00A		10.00							6.00		4.00	
Charl. Lower Can.	10:30A	.86											
Rishel & Hoover	11:30		1.5							0.0		1.5	
J. C. Whiting	2:00P.		0.0										
			6 — 28 — 1919										
Timpanogas	9:47A	1.52											
Wasatch Canal	9:55A	.76	48.47										
North Field	9:57A	.68	29.70										
Provo Res. Weir	10:45A	1.04											
R. Bel. Was Dam	10:30A	1.05											
Ed. Ditch	11:00A		2.5										
Mid. R. Upper Dit.	11:30A		10.00										
Ford	11:45A		1.00										
Island Dit.	12:15P.		6.00										
Mid. R. Lower Dam	12:19P.	1.70											
Charl. Up. Canal	12:27P.	.32	10.03		One cfs. leakage.								
Spring C. & Sage.	12:40P.	1.00											
			6 — 29 — 1919										
Charl. Lower C.	1:15P.	1.02	13.62										
Mid. R. Lower Dam	2:40P.	1.67											
Island Dit.	3:30P.		4.5							6.00	1.50		
Spring C. & Sage	3:45P.	1.02	16.93										
Total													

Computations made by Taylor Bond

Observations made by Taylor Bond

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

Tabulation of Flow and Distribution of Provo River for 6 — 30 — 1919

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
Spring Q. & Sage	8:15A	1.06											
Charl. Up. Canal	8:30A	.24	6.81							9.59	2.78		
Mid. R. Lower Dam	8:45A	1.67											
Island Ditch	8:55A		6.00										
Tempanogas	11:00A	1.51											
Wasatch Canal	11:10A	.71	39.06							41.76	2.70		.74
North Field	11:15A	.64	27.23							23.05		4.19	.58
Provo Res. Weir	11:30A	1.05	35.55							34.92		.63	1.04
River Bel. Was. D.	11:55A	1.05	17.00										
Mid. R. Up. Dit.	12:30P	.55	10.98										
Spring Q. & Sage	3:30P	.82	10.97							12.34	1.97		

Total 36

Computations made by Taylor Bond

Observations made by Taylor Bond

vs.
Provo City et al

2888 Civil

Tabulation of Flow and Distribution of Provo River for 7-1-1919

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
Spring Ct. Sage	11:00A	1.00											
Charl. Up. Can.	11:15A	.26	7.55	One cfs. leakage.									
Mid. R. Low. Dam	11:30A	1.67											
Tampanogas	1:00P.	1.51	26.40										
Was. Canal	1:15P.	.74	41.76										
North Field	1:18P.	.60	24.37										
Provo Res. Weir	1:40P.	1.04	34.92										
R. Bel. Was. Dam	2:15P.	1.05	17.00										

7-2-1919

Spring Ct. Sage	7:00A	.94											
Charl. Up. Canal	7:15A	.20	5.39	One cfs. leakage									
Charl. Lower Can.	2:15P.	.90											
Allen Dutches	12:45P.			Cut to approx 5 cfs.									
Mid. R. Lower D.	3:15P.	1.68											
Charl. Up. C.	3:30P.	.26	7.55										
Spring Ct. Sage	3:45P.	.92											
North Field	4:45P.	.60	24.37										
Was. Canal	6:43P.	.75	42.75										
Provo Res. Weir	7:16P.	1.04	34.92										

Took Hoover, Riskie, and Whiting their tickets and told them to hold to their turns.

Total 38

Computations made by Taylor Bond Observations made by Taylor Bond

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

Tabulation of Flow and Distribution of Provo River for 7-3-1919

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
Timpanogas	8:45A	1.51	26.40										
Was. Canal	8:51A	.75	42.75							50.22	7.47		.83
North Field	8:52A	.58	23.00							20.77		2.23	.54
Provo Res. Weir	9:08A	1.04	34.92							32.22			.99
River Bel. Was D.	9:20A	1.05	17.00										
Mid. Ys. Ditch										8.40			.46
Mid. R. Low. Dam	2:30P.	1.65											
Island Ditch	2:35P.		6.00										

Deliver 9.6 cfs. to Wasatch from reservoir as storage water.

34

Total

Computations made by Taylor Bond

Observations made by Taylor Bond

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

Tabulation of Flow and Distribution of Provo River for 7-4-1919

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
At home.													
7-5-1919													
Spring C. Dage	8:15A	.92											
Charl. Up. Can.	8:30A	.20	6.4										
Mid. R. Low. Dam	8:45A	1.65											
Island Dif.	8:40A.		6.00										
Mid. Up. Dif.	9:30A	.46	8.40										
Timpanogas	10:48A	1.51	26.40										
Was. Canal	10:39A	.83	50.22										
North Field	10:02A	.58	23.05										
Prov. Res. Weir	11:30A	.99	32.22										
River Bel. Was. D.	11:50A.	1.05	17.00										
Spring C. Dage	4:00P.	.98	13.70										
Total													

Two sec. ft. leakage.

With Mr. Withusing by his house.

Computations made by Taylor Bond

Observations made by Taylor Bond

vs.

Provo City et al

2888 Civil

Tabulation of Flow and Distribution of Provo River for 7-6-1919

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
River Bel. Mid. D.	9:30A	1.66											
Island Dit.	2:00P.		6.00										
Charl. Up.	2:15P.	.22	8.08	Thru ft. leakage.									
Mid. Up. Dit.	11:00A.	.43	7.40										
Johnston			1.00										
7-7-1919													
Charl. Lower Ca.	12:30P.	1.02											.94
R. Bel. Mid. D.	11:15P.	1.66											
Charl. Up. Ca.	1:30P.	.14											
Spring Ck. & Sage	1:45P.	.92											
Probo Res. Weir	4:31P.	.99											
River Bel. Was. D.	4:45P.	1.03											
Was. Canal	5:00P.	.72	39.96							41.76	1.80		.74
North Field	5:03P.	.52	19.58							14.14		5.44	.42
Timpanogas	5:36P.	1.51	26.40										

Total 32

Computations made by Taylor Bond

Observations made by Taylor Bond

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

Tabulation of Flow and Distribution of Provo River for 7-8-1919

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
R. Bel. Was. D.	8:45A	1.05	17.00										
Provo Res. Weir	9:00A	.99	32.22										
North Field	9:22A	.42	14.14										
Was. Canal	9:24A	.73	40.86										
Timpanogas	10:00A	1.51	26.40										
Mid. Up. Dit.	11:05A	.46	8.40										
Leland Dit	12:00A		6.00										
River Bel. Mid. D.	12:10P	1.65											
Charl. Up. Ca.	12:30P	.12											

7-9-1919

Timpanogas	9:45A	1.50											
Was. Canal	10:05A	.66	35.01										
North Field	10:08A	.36	11.25										
River Bel. Was. D.	10:30A	1.03											
Provo Res. Weir	10:55A	.92	28.62							32.22			.99
Was. Canal	11:05A	.64	33.48										
North Field	11:08A	.34	10.32										
Mid. Up. Dit.	12:15P	.46	8.40										
River Bel. Mid. D.		1.64											

Total

Computations made by Taylor Bond

Observations made by Taylor Bond

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

Tabulation of Flow and Distribution of Provo River for 7-10-1919

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
Timpanogas	9:00A.	1.51	26.40										
Was. Canal	9:15A.	.61	30.87										
North Field	9:18A.	.36	11.25										
River Bel. Was. D.	9:45A.	1.01								17.00			1.05
Provo Res. Weir	10:20A.	1.00	32.76										
Mid. Up. Dit.	10:50A.	.46	8.40										
River Bel. Mid. D.	11:45A.	1.65											
Spring Cr. Lage	3:30P.	1.04	15.56										

7-11-1919

Spring Cr. Lage	6:30A.	1.10											
River Bel. Mid. D.	7:00A.	1.65											
Reisfie Ditch	9:45A.		2-3.	Off turns. Ordered cut off.									
Timpanogas	5:15P.	1.51	26.40										
Was. Canal	5:25P.	.60	30.15										
North Field	5:38P.	.32	9.45										
Provo Res. Weir	6:05P.	.98	31.68										.99
River Bel. Was. D.	6:30P.	1.00								17.00			1.05

30

Total

Computations made by Taylor Bond

Observations made by Taylor Bond

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

Tabulation of Flow and Distribution of Provo River for 7-12-1919

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
Provo Res. Weir	9:25P.	1.00	32.76										
Timpanogas				Cut off.									
Was. Canal	9:36P.	.70	38.34										
North Field	9:38P.	.42	14.14										

No change on account of unsettled weir.

Traveled with Mr. Wentz from Vivian Park thru Wasatch Co. + Summit Co.

7-13-1919

River Bel. Mid. D.	9:30A.	1.72											
Island Dit.	9:35A.		7.00										
Mid. Ug. Dit	10:35A.	.46	8.40										
Was. Canal	11:15A.	.70	38.34							42.74			
North Field	11:20A.	.46	16.27							11.25			
Provo Res. Weir	12:00	1.04								32.22			.99

Rain made a raise in water generally.

Total

Computations made by Taylor Bond

Observations made by Taylor Bond

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

Tabulation of Flow and Distribution of Provo River for 7-13-1919

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
R. Bel. Mid. D.	9:30A	1.72											
Island Dit.	9:35A		7.00										
Mid. Up. Dit.	10:35A	.46	8.40										
Was. Canal	11:15A	.70	38.84							42.84	4.50		.76
North Field	11:20A	.46	16.27							11.25		5.02	.96
Provo Res. Weir	12:00	1.04	34.92							32.22		2.70	.99

Rain made the river unsettled.

7-14-1919

Spring Cr. Lage	8:15A	1.08											
R. Bel. Mid. Dam	8:35A	1.75											
Island Dit.	8:45A		6.00										
Mid. Up. Dit.	9:55A	.46	8.40										
Was. Canal	10:15A	.86	53.28							47.25		6.03	.80
North Field	10:18A	.42	14.14							18.50	4.36		.60
Provo Res. Weir	10:40A	1.02	32.76							32.76			1.00
R. Bel. Was. Dam	10:49A	1.30											
Charl. Lower Ent.	4:30P	1.00	15.19										

Cut some.

Unsettled River due to rain previous day.

28

Total

Computations made by Taylor Bond **Observations made by** Taylor Bond

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

Tabulation of Flow and Distribution of Provo River for 7-15-1919

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
Timpanogas	7:45A	00	00		Dry.								
Davis Dit.	8:25A		.2							00		.2	
Orson Lee Dit.	9:00A		4.50							.33		4.13	
Provo Res. Weir	11:45A	1.00	32.76										
R. Bel. Was. Dam	12:15A	1.12											
Was. Canal	12:30A	.82	49.23										
North Field	12:34P	.48	17.40										
River Bel. Mid. D.		1.70											
Charl. Hy. Canal	9:45P		8.50										
Total	37												

Computations made by Taylor Bond

Observations made by Taylor Bond

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

Tabulation of Flow and Distribution of Provo River for 7-16-1919

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Int. Tot.	Correction at Station Add.	Ded.	G. H.
River Bel. Was. D.	2:03 P.	1.15	19.60										
Prov. Res. Weir	2:30 P.	1.02	33.84							32.76		1.08	1.00
Was. Canal	2:03 P.	.83	50.22							50.22			.83
North Field	2:07 P.	.45	15.60							18.43			.50
Total			119.16										

Storage Prov. Res. 28.80
" Lego 2.88
" Wasatch 18.24
Tunnel Water 15.57
Total 65.49 from 119.16 leaves 53.67 cfs. natural river

And allowing 4 cfs. to Wasatch Canal for losses to pro-rate leaves 49.67.

$\frac{49.67}{82.38} = 60\%$

Was. Net award is 41.67
North Field " is 35.71
Mid. J. & F. " is 5.00
82.38

Then Wasatch pro-rate is 25.00
+ Storage 18.24
+ Loss 4.00
+ Bill Mc. Ditch 3.00
Total Was. 50.24

Then North Field pro-rate is 21.43
Minus Bill Mc. Ditch 3.00
Total North Field 18.43

Then Mid. J. & F. pro-rate is 3.00
+ Tunnel Water 5.50
Total 8.50

To go thru Prov. Res. Weir = 50.34 less 17.00 by Watson = 33.34

Total

Computations made by G. F. Westy

Observations made by Taylor Bond

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

Tabulation of Flow and Distribution of Provo River for 7-16-1919

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
Snake Cr Tunnel	4.41P.	1.22	12.04										
Lavina Creek	6.00P.	.30	2.30		.15 going thru bypass.								
Robert Ditch	6.26P.	.35	2.15										
Lower Huber	6.38P.		.25										
Upper Huber	6.56P.		.84										
Huber Ranch Dit	6.72P.		.00										
Mound Ditch	6.44P.		.00										
West Bench Dit	6.57P.		6.27										
Snake Cr Ford	7.20P.		14.68										
Wilson Ditch	7.57P.	.23	.92										

Total 35 ~~30~~

Computations made by T. F. Wentz

Observations made by Taylor Bond

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

Tabulation of Flow and Distribution of Provo River for 7-17-1919

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
R. Bel. Res. Dam	9:26A	1.12								17.00			1.05
Wasatch Canal	10:48A	.86	53.28										
North Field	10:54A	.52	19.57										
Provo Res. Weir	11:16A	1.01	53.39										
Mid. Up. Dit.	11:20A	.46	8.40										
River Bel. Mid. D.	12:04P.	1.71											
Spring Creek	2:48P.	.80	14.25	This does not include 2 cfs. in waste Dit.									
Island Dit	3:42P.		6.00										
Charl. Up. Canal	4:15P.		15.00	= Some waste water.									

7-18-1919

River Bel. Mid. Dam	8:58A	1.70											
Mid. Isl. Dit.	9:00A.		6.00										
Mid. Up. Dit.	10:06A	.46	8.40	This includes 1 cfs. Johnston + .6 cfs. Ford.									
Was. Canal	10:45A	.86	53.28										
North Field	10:48A.	.52	19.57										
River Bel. Was. D.	11:04A	1.06											
Provo Res. Weir	11:18A	1.01											

24

Total

Computations made by Taylor Bond

Observations made by Taylor Bond

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

Tabulation of Flow and Distribution of Provo River for 7-19-1919

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
Reishie Dit.	10:33A		.00										
J.C. Whiting	11:20A		.00										
Char. Low. Can.	12:18P	.98											
Mid. Lat. Dit.	12:55P		6.00										
R. Bel. Mid. Dam.	1:00P	1.66											
Wasatch Can.	3:54P	.78	45.27	41.67									
North Field	3:55P	.48	17.40	35.71									
River Bel Was D.	4:12P	1.05	17.00										
Provo Res. Weir	4:30P	.99	32.22							33.31	1.17		1.01
Total			111.89										
Mid. Lat. Dit.	5:25P	.46	8.40	5.00									

Storage Water Prov. Res. 28.80
" Seepage 2.88
" Wasatch Canal 18.24
Tunnel Water 15.57
Total 65.49

and 111.89 less 65.49 = 46.40 Natural River.
and allowing 4 cfs. to Was for losses to Pro rate leaves 42.40

$\frac{42.40}{82.38} = 51\%$

Then Wasatch Canal = 21.25
+ Storage = 18.24
+ Loss = 4.00
+ Bill McDitch = 3.00
Total 46.49

Then North Field = 18.21
Minus Bill Mc. = 3.00
Total = 15.21

Total

Computations made by Taylor Bond

Observations made by Taylor Bond

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

Tabulation of Flow and Distribution of Provo River for 7 — 20 — 1919

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
Sunday at Home.													

7 — 21 — 1919

Wasatch Can.	9:35 A	.70	38.34										
North Field	9:37 A	.38	12.19										
River Bel. Was. D.	9:57 A	1.02								17.00			1.05
Provo Res. Weir	10:14 A	.94	29.61							33.39	3.78		1.01
Orson Lee Dit.	11:30 A		1.80							.27		1.53	
Wasatch Canal	1:41 P.	.67	35.64										
North Field	1:43 P.	.34	10.32										
Spring Cr. & Sage	4:48 P.	.90		This includes a stream of Austins from Was.									
Charl. Mf. Can.	5:15 P.		9.30	Estimated.									
R. Bel. Mid. Dam	5:35 P.	1.63											

No changes made because of unsettled weir.

Total 22

Computations made by Taylor Bond

Observations made by Taylor Bond

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

Tabulation of Flow and Distribution of Provo River for 7-22-1919

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
R. Bel. Was. Dam	7:53 A	1.02								17.00			1.05
Provo Res. Weir	10:38 A	.99	32.22							33.39			1.01
Wasatch Canal	11:00 A	.63	32.49							36.32			.67
North Field	11:02 A	.30	8.55							~~36.32~~			~~.35~~ .67
Total			91.43										

Total Storage and Tunnel 65.49
From 91.43 leaves 25.94 natural river.
And allowing 4 cfs. to Wasatch for losses
leaves 21.94.

Total net awards 82.38

and $\frac{21.94}{82.38} = 26\%$

Then Wasatch	=	11.38
+ Storage	=	18.24
+ Losses	=	4.00
+ Bill Mc.	=	3.00
Total Wasatch		36.32

Then North Field	=	9.49
Less Bill Mc.	=	3.00
Total North Field		6.49

Mid. Ut. Dist. 11:57 A. .43 8.40 = Johnston 1 cfs out above weir.
Spring C. Page 3:35 P. .88
Mid. Ut. Dist. 3:56 P. 6.00

21

Total

Computations made by Taylor Bond Observations made by Taylor Bond

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

Tabulation of Flow and Distribution of Provo River for 7-23-1919

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
R. Bel. Mid. D.	9:21 A	1.67											
Mid. Dsl. Dit.	9:25 A.		6.00										
Smith Ford Dit.	10:35 A.		1.50							.70		.80	
Mid. Yf. Dit.	10:50 A.	.43	8.40	Johnston 1 cfs. above weir.									
R. Bel. Was. Dam.													
Provo Res. Weir	11:50 A	1.01	34.92							33.39		1.53	1.01
Wasatch Canal	12:05 A.	.68	36.54										
North Field	12:05 P.	.25	6.49										
Spring C. & Lage.	4:37 P.	.88		Includes Austin's Stream.									

7-24-1919
At Home.

7-25-1919

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Add.	Ded.	G. H.
R. Bel. Was. D.	9:30 A.	1.10											
Provo Res. Weir	9:53 A.	1.02	33.84										
North Field	10:03 A	.28	7.71										
Wasatch Canal	10:04 A	.74	41.76										
Mid. Yf. Dit.	11:35 A.	.43	8.40	Johnston 1 cfs.									
Spring C. & Lage.	2:35 P.	.78	12.48	Does not include Mr. Witt's stream.									
R. Bel. Mid. D.	3:26 P.	1.70											
Charl. Yf. Can.	4:00 P.		7.50	Three cfs. of this is from Spring C.									

Total 90

Computations made by Taylor Bond **Observations made by** Taylor Bond

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

Tabulation of Flow and Distribution of Provo River for 7 - 26 - 1919

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
Spring C & Logo	8:30 A.	.76											
R. Bel. Mid Dam	9:02 A.	1.70											
R. Bel. Was. Dam	10:35 A.	1.10								17.00			1.05
Provo Res. Weir	11:28 A.	1.04	34.92							33.39			1.01
Was. Canal	11:45 A.	.78	45.27										
North Field	11:47 A.	.30	8.55										
Total			104.21										

Storage Provo Res. 28.80
" Logo 2.88
" Wasatch 24.00
Tunnel Water 15.57
Total 71.25 from 104.21 leaves 32.96 H.P.

And allowing 4 cfs. to Wasatch for loss leaves 28.96

Total net awards = 82.38.

$\frac{28.96}{82.38} = 35\%$

Then Wasatch = 14.58
+ Losses = 4.00
+ Bill Mc. = 3.10
+ Storage 24.00
Total Wasatch = 45.58
Then North Field = 11.49
Less Bill Mc. = 3.00
Total N. F. = 8.49

Charl. Lower C. 9:25 A. 1.20 12.91 Water backed from below on acct. of man watering.

Total 19

Computations made by Taylor Bond

Observations made by Taylor Bond

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

Tabulation of Flow and Distribution of Provo River for 7-27-1919

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
Wasatch Can.	11:26A.	.68	35.54							45.27	9.73		.78
North Field	11:28A.	.26	6.90							10.32	3.42		.34
Provo Res. Weir	11:40A.	.94	29.61							11.12			
River Bel Was. D.	12:20P.	1.01								17.00			1.05
Was. Canal	3:30P.	.78	45.27										
North Field	3:32P.	.34	10.32										
Provo Res. Weir	3:45P.	.50	11.11										
R. Bel. Was. Dam		1.05	17.00										
R. Bel. Was. Dam		1.05	17.00										
Provo Res. Weir	4:00P.	.22	3.23										
Was. Canal	5:04P.	.82	49.23							43.48			
North Field	5:06P.	.36	11.25										
Total			80.71										

Storage water Lego = 2.88
" Wasatch = 14.40
Tunnel Water = 15.57
Total 32.85 from 80.70 = 49.86 N. River

and allowing 4 cfs. to Was. for losses leaves 43.86.

$$\frac{43.86}{82.38} = 53\%$$

Then Wasatch =	22.08	Natural River
+ Storage =	14.40	
+ Losses =	4.00	
+ Bill Mc. =	3.00	
Total	43.48	
Then North Field =	18.92	
Less Bill Mc. Out	3.00	
Total	15.92	

Provo Reservoir water was shut off a while ago and the drop came gradually so at 11:40 I shut part from them at weir and at 4.00 P.M. shut all their 28.80 cfs. leaving a total of 20.23 to pass thru river and Weir.

Total 19

Computations made by Taylor Bond Observations made by Taylor Bond

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

Tabulation of Flow and Distribution of Provo River for 7-28-1919

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
John C. Whiting	7:00 A		Using	because his turn is on.									
J. W. Hoover	9:30 A		0.00										
Sam Riskie	10:10 A		0.00										
River Bel. Was. D.	2:53 P.	1.04	17.00										
Provo Res. Weir	3:22 P.	.22	3.23										
Wasatch Canal	3:35 P.	.72	39.96										
North Field	9:38 P.	.42	14.45										
Total			74.64										
Midway Up. D.	4:28 P.	.40	6.80	This does not include Johnston's above.									
Island Dit.	9:30 P.		2.00							6.00	4.10		

Storage Sigo 2.88
" Wasatch 14.40
Tunnel Water 15.57
Total 32.85 from 74.64 leaves 41.33
And allowing 4 cfs. to Wasatch for losses
leaves 37.33 c.
Total net awards 82.38

$\frac{37.33}{82.38} = 45\%$

Then Wasatch award	18.75
Storage	14.40
Losses	4.00
Bill Mc. Dit.	3.00
Total	40.15
and North Field	16.06
Less Bill Mc. Dit.	3.00
Total	13.06
and Mid. J. + T.	2.25
+ Tunnel	5.08
	7.33

7-29-1919

Mid. Isl. Dit.	7:20 A		6.00										
R. Bel. Was. Dam	11:27 A	1.03								17.00		1.05	
Provo Res. Weir	11:54 A	.21	3.01										
Was. Canal	12:05 P.	.75	42.75										
North Field	12:09 P.	.45	15.60										
Total			78.36										
Mid. Up. Dit	12:35 P.	.40	6.80	+ Johnston's stream above weir.									
Spring Creek Sage	3:52 P.	.84											
Charl. Up. Can			8.00	Estimated;									

Total 18

Computations made by Taylor Bond **Observations made by** Taylor Bond

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

Tabulation of Flow and Distribution of Provo River for 7-30-1919

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
Wasatch Can.	11:12 A.	.73	40.86										
North Field	11:14 A.	.42	14.15										
R. Beh. Was. Dam	11:22 A	1.05	17.00										
Prov. Res. Weir	11:58 A.	.22	3.23							3.47	.24		.23
Total			75.24										
Spring Ck. Lage	4:00 P.	.90											
Mid. Old Dit.	5:28 P.		6.00										
Mid. Up. Dit			7.47	With Johnston above.									

Lego Storage 2.88
Wasatch " 14.40
Tunnel water 15.57
Total 32.85 from 75.24 leaves 42.39 Not. Riv.
And allowing 4 cfs. to Wasatch for losses leaves 38.39

$\frac{38.39}{82.38} = 47\%$

Then Wasatch =
+ Losses
+ Storage
+ Bill Mc. Ditch
Total

	17.38
	4.00
	14.40
	3.00
Total	40.78

Then North Field
Minus Bill Mc. Dit.
Total

	18.38
	3.00
Total	14.38

Then Mid. J. & F.
+ Tunnel Water
Total

	2.35
	5.08
Total	7.43

And Ut. P. & L. Co. Tunnel water ~~5.08~~
Mid. J. & F.
Lego Storage
Prov. Res. Tunnel
Total to go past County

	5.08
	7.43 ~~7.43~~
	2.88
	5.08
	20.47

And 20.47 less 17.00 by Wasatch Dam
leaves 3.47 cfs. to get thru Prov. Res. Weir

Total 17

Computations made by Taylor Bond

Observations made by Taylor Bond

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

Tabulation of Flow and Distribution of Provo River for 7-31-1919

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
Mid. Up. Dit.	11:17A	.43	8.40	Includes Johnston						7.47		.93	.40
River Bel. Was. D.	12:10	1.05	17.00										
Provo Res. Weir	12:20P.	.22	3.23										
Wasatch Canal	12:30P.	.70	38.34										
North Field	12:38P.	.40	13.13										
	Total		71.70										

Total Storage and tunnel water 32.85 from 71.70 leaves 38.95 cfs. natural river. And allowing 4 cfs. to Wasatch for losses leaves 34.95.

$\frac{34.95}{82.85} = 42\%$

Then Wasatch	=	17.50
+ Storage	=	14.40
+ Losses	=	4.00
+ Bill Mc.	=	3.00
Total		38.90
Then North Field	=	14.97
Less Bill Mc.	=	3.00
Total		11.97
Mid. J. + Ft.		2.10
+ Tunnel 5.08		5.08
Total		7.18

8-1-1919

River Bel. Was. D.	5:12P.	1.04	16.20							17.00			1.05
Wasatch Canal	5:45P.	.72	39.96										
North Field	5:48P.	.42	14.14										
Provo Res. Weir	5:37P.	.22	3.23										

8-2-1919

River Bel. Was. D.	2:05P.	1.05	17.00										
Provo Res. Weir	2:28P.	.16								3.23			.22
Wasatch Canal	2:42P.	.78	45.27	No changes because rain makes unsettled weirs.									
North Field	2:48P.	.48	17.40										
Mid. Upper Dit.	3:15P.	.40	6.80										
Springville Lage.	4:45P.	1.00											
Leland Dit.	5:30P.		6.00										

Total 16

Computations made by Taylor Bond

Observations made by Taylor Bond

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

Tabulation of Flow and Distribution of Provo River for 8-4-1919

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
R. Bel. Was. D.	9:58A	1.05	17.00										
Provo Res. Weir	10:16A	.26	4.15							3.23			.22
Wasatch Can.	10:36A	.72	39.96							40.15			
North Field	10:38A	.42	14.14							13.07			
Provo Res. Weir	P.M.	.26	4.15										
Mid. Up. Dist.	11:25A	.40	7.47										
Ontario Tunnel	2:00P.	1.64	16.02										
Total													

~~8-5-1919~~

15

Computations made by Taylor Bond **Observations made by** Taylor Bond

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

Tabulation of Flow and Distribution of Provo River for 8-5-1919

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
River Bel. Was. D.	9:45A	1.00	13.05										
Provo Res. Weir	11:10A	.22	3.23										
Wasatch Canal	11:10A	.66	35.01										
North Field	11:12A.	.34	10.32										
Mid. Up. Dit.	11:27A.	.40	7.47										
Island Dit.	2:48P.		6.36										
R. Bel. Mid. D.	3:37P.		11.63										
Nelson Lower D.	4:53P.		2.00										
Charl. Up. Canal	5:24P.		4.42	Divided proportionately						8.68	4.26		
Spring & Sage	6:12P.	.92	14.66	according to decree 10 to 12.						10.40		4.26	
8-6-1919													
Charl. Lower Can.	8:55A.	.86	11.35										
River Bel. Road	9:45A.		29.73	This measurement is Bel. Road between Mid. & Charl.									
Pioneer Up. Dit.	12:35P.		.86										
Pioneer Mid. Dit.	12:40P.		3.45										
Pioneer Lower Dit.	1:06P.		1.89										
Allen Dit. at Hoover	2:09P.		1.76	Two ditches.									
Allen " " " 2	2:35P.		1.25										
Round Valley Cr.	3:25P.		1.38										
River Bel. Hoovers			109.19	Between Hoovers & Deer Creek.									
Allen across River	6:30P.		1.25	Two ditches.									
" " "	6:40P.		2.50										

I took two days to take above measurements. The weather was clear and warm so there were no abnormal conditions to contend with.

The above shows a picture of amount of water used between Wasatch Dam and Deer Creek and also amount of water coming from springs etc between said places.

I made no changes in distribution on these two days except with Spring C. & Charlie Ron Upper Canal.

Total

Computations made by Taylor Bond

Observations made by Taylor Bond

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

Tabulation of Flow and Distribution of Provo River for 8-7-1919

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.

At the invitation of Mr. Wentz I went around with him in his Provo District. I made observations with him and helped him measure some of the streams. I found that on this day they were able to be put on 60% basis.

We gave me a copy of flow and distribution of provo river for Aug. 7, 1919.

Total 7

Computations made by T. F. Wentz

Observations made by Taylor Bond

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

Tabulation of Flow and Distribution of Provo River for 8-8-1919

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
Wasatch Can.	9:45 A.	.68	36.54										
North Field	9:50 A.	.32	9.45										
Provo Res. Weir	10:02 A.	.22	3.23							4.60			.275
River Bel. Was. D.	10:34 A.	1.03	16.00										
Total			65.22										
Storage Lego				2.88									
" Wasatch Canal				14.40									
Tunnel Water				16.02									
Total				33.30									

from 65.22 leaves 31.92 N.R.

and allowing Wasatch Canal for losses 4.00 cfs leaves

$\frac{27.92}{82.38} = 34\%$

Then Wasatch =	14.16
+ Storage	14.40
+ Losses	4.00
+ Bill Mc. Dit.	8.00
Total	30.56
And North Field =	12.14
Less Bill Mc.	3.00
Total =	9.14
And Mid. J & G.	1.70
+ Tunnel	5.34
Total	7.04
And To go thru Provo Res. weir + River	
Tunnel	16.02
+ Lego	2.88
+ Mid. J & G. River Water	1.70
Total	20.60

And 16.00 cfs. thru river = 4.60 to go thru weir. Weir should read .275

Mid. J & G. Dit.	11:45 A.		7.47							7.04			

I have had Mr. Johnston's gate shut for at least two weeks because he gets a steady stream thru leakage from canal. I recommend that a tight wall be built to stop this leakage so that accurate distribution can be made to him.

Total ✓

Computations made by Taylor Bond

Observations made by Taylor Bond

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

Tabulation of Flow and Distribution of Provo River for 8-9-1919

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
Wasatch Canal	10:11A	.72	37.96										
North Field	10:19A	.44	16.50										
Provo Res. Weir	10:30A	.30	5.13										
River Bel. Was. D.	11:00A	1.03	15.50										
	Total		77.09										

No changes are made because heavy rain on night of 8th. causes unsettled weir.

8-10-1919

Sunday at Home.

8-11-1919

Charl. Up. Can.	9:15A		13.74							11.80		1.94	
Spring Cr. & Dag.	10:41A	.90	12.16							14.10	1.94		
R. Bel. Was. D.	2:30P.	1.03	15.50										
Provo Res. Weir	2:45P.	.25	4.62										
Wasatch Canal	3:01P.	.65	34.02										
North Field	3:03P.	.32	9.45										
Mid. Up. Dif.	3:30P.	.40	6.80										
Spring Cr. & Dag.	5:37P.	.95											
Island Dif.	5:50P.		6.36										

8-12-1919

R. Bel. Was. D.	10:10A	1.00	13.05										
Provo Res. Weir	10:25A	.32	5.67							7.60		.39	
Wasatch Canal	10:45A	.61	30.87										
North Field	10:44A	.26	6.90										
	Total =		56.49										

I believe the storage water must be run out thus causing the drop. I phoned to Mr. Wentz to find out but he was unable to get word from lakes due to line broken so no changes are made in distribution.

Total

Computations made by Taylor Bond

Observations made by Taylor Bond

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

Tabulation of Flow and Distribution of Provo River for 8-13-1919

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
R. Bel. Mid. D.	8:38A		14.98										
Mid Island D.	9:22A		6.38										
Charl. Up. Can.	10:15A		8.37										
Spring Ck. Lag.	11:15A	.92	13.56										
Wasatch Canal	2:30P.	.58	28.27										
North Field	3:21P.	.22	5.39										
R. Bel. Was. D.	4:00P.	1.00	13.03										
Provo Res. Weir	4:15P.	.36	6.75							7.60			.39

8-14-1919

Wasatch Can.	3.54P.	.56	26.91										
North Field	3.55P.	.18	4.05										
River Bel. Was. D.	4.15P.	1.00	13.05										
Provo Res. Weir	4.35P.	.39	7.60										

Total 10

Computations made by Taylor Bond

Observations made by Taylor Bond

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

Tabulation of Flow and Distribution of Provo River for 8-15-1919

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
Wasatch Can.	10.45A.	.59	29.34							24.08			.52
North Field	10.47A.	.26	6.90							11.64			.37
R. Bel. Was. D.	11.00A.	1.00	13.05							~~4.40~~			~~.40~~
Provo Res. Weir	11.14A.	.39	7.60							7.90			.40
Total =			56.89										
Mid. Island D.	12.10	41		Includes Johnston →						7.28			.41
Storage Leogo					288								
Tunnel Water					16.02								
					18.90 from 56.89 leaves								

37.99 natural river, and allowing 4cfs. to Wasatch for losses leaves 33.99

$\frac{33.99}{82.38} = 41\%$

Then Wasatch portion of N.R. = 17.08
+ Losses 4.00
+ Bill McDiff 3.00
Total = 24.08

Then North Field = 14.64
Less Bill McDiff. = 3
Total N.F. = 11.64

Then Mid. I. & F. = 2.05
+ Tunnel 5.34
7.39

And to go past Provo Res. weir & River
= Tunnel 16.02
+ Mid. I. & F. River 2.05
+ Leogo 2.88
Total 20.95

And to go thru Weir = 20.95 minus 13.05 thru River = 7.90.

I asked North Field Watermaster, John Montogmery if the North Field wanted their full portion of 11.64 cfs. He said yes because quite a number wanted to water now that hay was up. I therefore made the distribution.

Total 9

Computations made by Taylor Bond

Observations made by Taylor Bond

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

Tabulation of Flow and Distribution of Provo River for 8-16-1919

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
R. Bel. Was. Dam	10:45A	1.00	13.05										
Prov. Res. Weir	11:04A	.40	7.90										
Wasatch Canal	11:15A	.48	21.33										
North Field	11:16A	.44	?										
Charl. Lower Can	3:23P.	.90	11.60										

Some one interfered with distribution in Wasatch and North Field. They turned more into N.F.
And on acct. of Hatch watering below N.F. weir, the water is backed up on weir tail board so the reading on scale is not correct according to flow. So I placed Wasatch to same flow as on 15th of Aug. 1919.

8-17-1919

Sunday at home.

Total 8

Computations made by Taylor Bond

Observations made by Taylor Bond

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

Tabulation of Flow and Distribution of Provo River for 8-18-1919

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
North Field	9:45A	.28	7.71							8.07			.29
Wasatch Canal	9:47A	.46	19.89										
Provo Res. Weir	9:53A	.38	7.32										
R. Bel Was. Dam	10:07A	1.00	13.05										
Total			47.97										

and Tunnel water 16.02
Sego storage 2.88
Total 18.90 from 47.97 leaves
Natural River water 29.07 cfs.
And allowing 4 cfs. to Wasatch Canal for losses
leaves 25.07
Total Net awards = 82.38

$\frac{25.07}{82.38} = 31\%$

Then Wasatch Canal = 12.92
+ Losses = 4.00
+ Bill Mc. Ditch = 3.00
Wasatch Total = 19.92
Then North Field = 11.07
Less Bill Mc. Ditch = 3.00
8.07
Then Mid. J. & F. = 1.55 + Tunnel 5.34 = 6.89

Mid. Up. Det. 11.40 .39 6.56
At 11:35 A I shut Johnston's stream off by weir
thus bringing Mid. & Ford up to proportion.

To go past Was. Dam & Prov. Res. Weir
Provo Tunnel Water 10.45
Sego Storage 2.88
Mid. J. & F. 6.89
Total 20.45
Then to go thru Prov. Res. Weir = 20.45
less 13.05 by Wasatch Dam = 7.40

Mid. and Ford to go over weir = 6.42 cfs.
this does not include the stream that
Johnston gets thru the leakage in canal.

Total ?

Computations made by Taylor Bond

Observations made by Taylor Bond

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

Tabulation of Flow and Distribution of Provo River for 8-19-1919

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
Wasatch Canal	9:33A	.48	21.33										
North Field	9:35A	.28	7.71							8.14			.29
Provo Res. Weir	9:47A	.34	6.19							8.32			.38
R. Cel. Wes. Dam	10:08A	1.00	13.05										
Total = 48.28													
Total Tunnel + Storage = 18.90													
Natural River = 29.38													
And allowing 4 cfs. to Wasatch for Losses leaves 25.38 = 31%													
Then Wasatch should have =										12.92			
+ Losses								=		4.00			
+ Bill Mc. Ditch								=		3.00			
Total								=		19.92			
Then North Field								=		11.07			
Less Bill Mc. Dit.								=		3.00			
North Field =										8.07			
Mid. Island Dit.	2:15P.		6.88	6.50	Approx.								
Charl. Yo. Can.	2:40P.		10.30	10.00	"								
Spring Ck. Lge	2:28P.		13.08	12.00	"								
Total													

Computations made by Taylor Bond

Observations made by Taylor Bond

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

Tabulation of Flow and Distribution of Provo River for 8 - 20 - 1919

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
Wasatch Canal	2:07P.	.44	18.47	41.69									
North Field	2:09P.	.20	4.68	36.71									
Provo Res. Weir	2:18P.	.39	7.60							7.10		.50	.375
River Bel. Was. D.			13.05										
Total			43.80										
			18.90			Tunnel	16.02						
Natural River = 24.90 cfs.						Sego Storage	2.88						
							18.90						

Allowing Wasatch for losses 4.00 cfs leave 20.90

$\frac{20.90}{82.38} = 25\%$

Then Wasatch	12.42
+ Losses	4.00
+ Bill Mc. Ditch	3.00
Total Wasatch	17.42
and North Field	8.93
Less Bill Mc. Ditch	3.00
Total North Field =	5.93
and Midway J. & G. =	1.25
+ Tunnel Water =	5.50
	6.75
To go down river to Provo, —	
Sego Storage	2.88
Provo Res. Tunnel	5.26
Mt. P. & L.	5.26
Total =	13.40

To go over Provo Res. Weir = 13.40 + 6.75
less 13.05 by Wasatch Dam = 7.10.

Total 5

Computations made by Taylor Bond Observations made by Taylor Bond

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

Tabulation of Flow and Distribution of Provo River for 8-21-1919

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
R. Bel. Was. D.	9:20A		14.86										
Provo Res. Weir	10:13A	.38	7.31										
Wasatch Canal	10:22A	.43	17.92			Weather is clear.							
North Field	10:24A	.22	5.38										
Mid. Up. Dit.	10:50A	.38	7.10										
R. Bel. Mid. Dam	11:45A		14.18										
Mid. Island Dit	12:15P		5.36										
Nelson Lower Dit	Estimate		2.00										
				8-22-1919									
Allen Ditby House	9:47A		.30										
" " " "	9:58A		5.99										
" Ditaccross R.	2:35P		1.20										
" " " R.	2:40P		2.30			No change in Weather.							
Pioneer Up. Dit.	3:10P		.20										
Pioneer Middle Dit	3:15P		4.36										
Pioneer Lower Dit.	3:35P		3.36										
River Bel Hoover	11:12A		102.88										
Round Valley Cr.	1:28P		2.07										
R. Bel. Mid. Charl Cr.	4:37P		72.27										
Charl Lower Can.	5:45P	.80	10.76										
				8-23-1919									
R. Bel. Mid. Charl (Good in different place than on 22nd.)	3:20P		71.31										

I took three days to make the measurements of Provo River and water used from it between Wasatch Dam and just above Deer Creek. I made no changes in distribution on above said days.

Total

Computations made by Taylor Bond

Observations made by Taylor Bond

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

Tabulation of Flow and Distribution of Provo River for 8-24-1919

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
Wasatch Canal	4:20P	.81	10.89										
North Field	4:22P	.84	10.82							12.55			.34
Provo Res. Weir	4:42P	.92	5.67							7.87			.40
River Bel. Wasd.	5:01P	.98	12.00							12.00			
			Total = 38.88										

Tunnel 16.02
Lego Storage 2.88
18.90 from 38.88 leaves 19.98 Natural River.

And allowing to Wasatch for losses 4 cfs.
leaves 15.98 ✓

$\frac{15.98}{82.38} = 19\%$

Distribution.

Then Wasatch Natural River = 7.92
+ Losses = 4.00
+ Bill Mc. Ditch = 3.00
Total Was. 14.92

And North Field = 6.78
Less Bill Mc. Ditch = 3.00
Total N. F. = 3.78

And Mid. J. & F. = .95
+ 5.50 Tunnel = 5.50
Total Mid. J. & F. = 6.45

To go thru Provo Res. Weir, —
Provo Res. Tunnel 5.26
+ Lego Storage 2.88
+ Wf. R. & L. Tunnel 5.26
+ Mid. J. & F. 6.45
19.85
Less 12.00 by Was Dam 12.00
7.85

Total 3

Computations made by Taylor Bond

Observations made by Taylor Bond

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

Tabulation of Flow and Distribution of Provo River for 8-15-1919

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.

For my own satisfaction I obtained the following information regarding the crops in different parts of county. I received this by talking personally with Water Master, John Montgomery Sept.

I believe that the majority of owners of North Field land received two-thirds of a normal crop this year. Many have a normal crop. I believe that the late hard frost was the main cause of the shortage and not all due to scarcity of water."

His testimony bears out testimony of many other North Field men I have talked with.

A farmer under Midway Upper Ditch.

"The grain crop is not quite normal but we have a good second crop of alfalfa."

I asked him if shortage of water was cause of condition?

"We have had enough water but the late spring frost and the killing hot weather was the cause." "I have watered grain three times this year and but twice other years."

My observation is to the effect that his report was correct.

A man on Allens region

"We have had plenty of water but due to late spring frost our hay is about ¼ short of normal."

My observation of crops under Wasatch is to the effect that crops have not been damaged on acct of scarcity of water. They have done pretty well.

Crops under Charleston Lower Canal are good.

Crops under Island Ditch are good.

Crops under Charleston Upper not good.

Crops under Spring Creek good

Total ✓

Computations made by Taylor Bond

Observations made by Taylor Bond

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

Tabulation of Flow and Distribution of Provo River for 8-15-1919

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.

For my own satisfaction I obtained the following information regarding the crops in different parts of county. I received this by talking personally with Water Master, John McFarmery says.

"I believe that the majority of owners of North Field land received two-thirds of a normal crop this year. Many have a normal crop. I belive that the late hard frost was the main cause of the shortage and not all due to scarcity of water."

His testimony I bears out testimony of many other North Field men I have talked with.

A farmer under Midway Upper Ditch.

"The grain crop is not quite normal but we have a good second crop of alfalfa."

I asked him if shortage of water was cause of condition?

"We have had enough water but the late spring frost and the chilling hot weather was the cause." "I have watered grain three times this year and but twice other years."

My observation is to the effect that his report was correct.

A man on Allens region

"We have had plenty of water but due to late spring frost our hay is about ¼ short of normal."

My observation of crops under Wasatch is to the effect that crops have not been damaged on acct of scarcity of water. They have done pretty well.

Crops under Charleston Lower Canal are good.
Crops under Island Ditch are good.
Crops under Charleston Upper not good.
Crops under Spring Creek good

Total ✓

Computations made by Taylor Bond

Observations made by Taylor Bond

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

Tabulation of Flow and Distribution of Provo River for 8-19-1919

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. M.

I received my appointment at 7:30 A.M. and went thru Provo Canyon and met Mr. J. R. Murdock. He took me to the diversions of Provo River from Deer Creek to the Ontario Drain Tunnel.

We visited the following places:-
Reishie Ditch.
Hoover Ditches.
Round Valley Ditch.
Allen Ditches two by house and two over river.
Three Pioneer Ditches.
Daybell Springs.
Charleston Lower Canal.
Nelson lower Ditch.
Midway Island Ditch.
Mitchell & Mortimer Ditch.
Old Phil Smith Ditch.
Midway Upper Ditch.
Eg. Hatch Ditch.
Jordon Ditch.
Morris Ditch.
Davis Tunnel Ditch.
Fisher Tunnel Ditch.
Orson Lee Ditch.
Spring Creek & Sage Brush.
Charleston Upper Canal.
Timpanogas Canal.

I shut the Fisher Ditch off and the Orson Lee Ditch I cut to approx. .5 sec. ft. Orson Lee has a right to the water that comes down the McCune hollow. I found that there was approx. .25 cfs. coming down McCune hollow.

Total 1

Computations made by .....

Observations made by J. R. Murdock & Taylor Bond