

SWD 13

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Natural Resources Commission

Eighth Biennial Report

.. OF ..

**The State
Board of Irrigation**

.. TO THE ..

Governor of Nebraska.

NOVEMBER 30, 1908, to NOVEMBER 30, 1910.

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**The State
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.. TO THE ..

Governor of Nebraska.

Compliments of

D. D. PRICE, State Engineer

OFFICE OF THE STATE BOARD OF IRRIGATION,

Lincoln, Nebraska.

To His Excellency, Ashton C. Shallenberger, Governor of Nebraska:

Sir:—As provided by law, I have the honor to submit herewith the following report of the work of this office during the past two years.

Yours very respectfully,

E. C. SIMMONS,
State Engineer, Secretary.

November 30, 1910.

**LIST OF OFFICERS IN CHARGE OF THE PUBLIC WATERS OF
NEBRASKA.**

State Board of Irrigation.

ASHTON C. SHALLENBERGER, Governor.
WM. T. THOMPSON, Attorney General.
*ARTHUR F. MULLEN, Attorney General.
E. B. COWLES, Commissioner of Public Lands and Buildings.

Administrative Officers.

ASHTON C. SHALLENBERGER, Governor.
EDWARD C. SIMMONS, State Engineer, Secretary.
DONALD D. PRICE, Assistant Secretary.
H. O. SMITH, Under Secretary Water Division No. 1.
†ROBERT H. WILLIS, Under Secretary Water Division No. 1.
PAGE T. FRANCIS, Under Secretary Water Division No. 2.
FANNIE E. GILMORE, Clerk and stenographer.

Under Assistants.

J. C. McCOY, District No. 1, Water Division No. 1-A.
A. C. CAMPBELL, District No. 2, Water Division No. 1-A.
H. H. PROUTY, District No. 1, Water Division No. 1-E.

*Appointed November 1, 1910.

†Appointed May 5, 1910.

WATER DIVISIONS AND WATER DISTRICTS.

Sections 1 and 2, Article 2, of the Nebraska Irrigation Laws, divide the State into two Water Divisions, denominated Water Division No. 1 and Water Division No. 2, respectively.

Water Division No. 1, includes "all of the irrigable lands of the state drained by the Platte Rivers and their tributaries, lying west of the mouth of the Loup River; and also all other lands lying south of the Platte and South Platte Rivers that may be watered from other superficial or subterranean streams not tributary to said Platte Rivers."

Water Division No. 2 includes "all irrigable lands that may be watered from the Loup, White, Niobrara and Elkhorn Rivers and their tributaries, and all other irrigable lands of the state not included in any other water division.

For convenience in the adjudication of claims and in the distribution of water these divisions have been subdivided into twelve water divisions, denominated 1-A, 1-B, 1-C, 1-D, 1-E, 1-F; 2-A, 2-B, 2-C, 2-D, 2-E, 2-F, as shown by the accompanying map.

Under the provisions of section 33, article 2, Nebraska Irrigation Law, water districts have been created as follows:

Water District No. 1, Water Division No. 1-A, includes the watersheds of Blue Creek, Clear Creek and that part of the North Platte River lying in the counties of Keith and Deuel.

Water District No. 2, Water Division No. 1-A, includes the watersheds of the Pumpkinseed, Lawrence and Greenwood Creeks, and all that part of the North Platte River lying within Cheyenne and Scotts Bluff counties.

Water District No. 3, Water Division No. 1-A, includes that part of the watersheds of the Platte River and its tributaries lying in Lincoln, Dawson, Gosper, Phelps and Buffalo counties.

Water District No. 1, Division No. 1-B, includes the counties of Chase, Dundy, Hitchcock and Red Willow.

Water District No. 1, Water Division No. 1-E, includes the watersheds of the South Platte River and Lodge Pole creek in Nebraska.

REVIEW OF THE WORK OF THE STATE BOARD OF IRRIGATION.

The records of this office show that on the 30th day of November, 1908, there were pending 18 claims for water rights deemed to have been acquired previous to the time when the 1895 irrigation law went into effect, 35 applications for a permit to appropriate water under said law and 5 petitions for an extension of time in which to complete the appropriation applied for.

During the last biennium there have been filed one claim for adjudication, 119 applications for a permit to appropriate water, 26 petitions for an extension of time, 7 petitions for the approval of plans for dams, and 11 petitions for relocation of headgate. During the same period, one claim has been adjudicated, 84 applications for a permit to appropriate water have been approved and 68 dismissed. 26 certificates have been issued and 21 are ready for issuance upon payment of fees. 57 permits have been cancelled. 28 petitions for extension of time have been approved and one dismissed. 6 petitions for the approval of dams have been granted and one denied. One new irrigation district has been formed under the law of 1909.

Hearings have been held before the Board in the cases of E. L. Kirk vs. A. C. Koenig, George Steinmeyer vs. Miller and Freshman, and in the matter of the extension of time under Application No. 660.

There now remain on file in this office, pending action, 18 claims, 16 applications for permit to appropriate water, and one petition for extension of time. In another part of this report tabulated statements give in detail each claim or application approved, dismissed or cancelled, also, all claims and applications now in force or pending. Many of the applications dismissed, however, were those shown by the record during past years to have been returned to the applicant for correction, and never again filed in this office; and while such applications were regarded as of no validity, they were dismissed as a matter of form to clear the record.

Under the statutes and according to most of the court decisions bearing upon this subject, a stream is made up of its tributaries, both surface and subterranean; and in considering priorities the whole drainage area is to be considered. The secretary has therefore made a list of all appropriations in each water division in order of their dates of priority, which has been tabulated.

Few proofs of appropriation have been received during the last two years, and but few certificates issued. Several certificates made out in past years still remain in this office ready to be issued upon payment of fees.

The demand for bridge plans has not been very extensive. There has been emphatic expression from such counties as we have had correspondence with on this subject, in favor of permanent structures. A few new plans for concrete-steel bridges and culverts have been added to our stock. Adequate and permanent waterway crossings, and good roads at less cost of construction, have been advocated by the secretary of the Board at all times.

Many inquiries on the subject of drainage have been received in this office, but on account of the unsystematic provisions of our laws and the various interpretations placed upon them as shown in places of actual application, little light could be given in answer thereto.

Co-operative work with the Water Resources Branch of the United States Geological Survey has been maintained as in years past. Gaging stations have been maintained on streams as follows:

The Platte River at Columbus, the Loup River at Columbus, the North Platte River at Mitchell, the North Platte River at North Platte, the Republican River at Bostwick, the Niobrara River at Niobrara, the Little Blue River at Fairbury, and the Big Blue River at Beatrice.

Each office does one-half the work and receives full benefit without duplication.

Many other measurements have been taken in the state and the results of all are given in this report.

During the irrigation season of 1909, the snows in the mountains melted very rapidly and the streams formed thereby were greatly congested. The flow of the North Platte River, taken June 11th, was the largest ever reported, being 29,643 cubic feet per second.* Throughout the winter of 1909-10 there was little snowfall and the denuded slopes were but slightly covered. Early in the spring of 1910, the unusually warm weather melted away this meagre storage, and before the irrigation season was far along, a greater scarcity of water prevailed than has ever been known in the history of irrigation in this state. Scarcity in the North Platte River may have been increased early in the season, before its actual need, by the storage of **water in the Pathfinder Reservoir**; but later in the season, when the requirements became more manifest and crops were suffering from lack of moisture, this scarcity was many times compensated by the release of stored water to such an extent that the flow of this stream was increased more than four fold. Too much cannot be said in praise of the officers of the U. S. Reclamation Service in this connection. To add to the gravity of the situation, a dearth of rainfall caused many of the smaller streams to fail, even to such an extent that water for stock and domestic use was difficult to obtain. By the middle of June, complaints of the extreme shortage began to come into this office. On the 29th of June the State Board met in special session and adopted and announced the following resolutions:

*June 23, 1910, it was 408.

"And now on this 29th day of June, 1910, the State Board of Irrigation of the State of Nebraska, being in special session for the purpose of considering the condition of the North Platte River and other streams and with reference to the enforcement of the law as to the priority of rights of the various appropriators of water for irrigation purposes from said North Platte River and other streams.—

"And it appearing to the Board that there is a great scarcity of water in the said North Platte River and other streams and not sufficient for all the ditches; and it further appearing that the efforts of the Under Secretaries in the discharge of their duties are being met with opposition by parties illegally taking water:—

"Be it resolved by the State Board of Irrigation of the State of Nebraska that the Secretary of this board, E. C. Simmons, and his under secretaries, R. H. Willis and Page T. Francis, are hereby instructed to divide the water in the said North Platte River and other streams according to the priority of right of each ditch respectively and to shut and fasten, or cause to be shut and fastened, the headgates of ditches belonging to the various persons, corporations and associations taking water out of the North Platte River and other streams, so as to give to each person, corporation and association the amount of their water appropriation according to the priority of rights as has been heretofore determined by this Board and to employ such persons and assistants as will enable them to enforce the law with reference thereto.

"And be it further resolved that such officers be given the full support of the Board in the discharge of their duties."

The reports of the under secretaries, Robt. H. Willis and Page T. Francis, which are made a part of this report, set forth the acute situation, and the trouble experienced in their attempts to properly distribute the water according to law, and protect rightful appropriators according to the priority of their claims.

A brief history of the North Platte Project by Andrew Weiss, Project Engineer U. S. R. S., is also made a part of this report.

The following rules and instructions as to maps, plans for dams and petitions for extension of time have been adopted and promulgated:

Rules and Regulations Adopted by the State Board of Irrigation, Relative to Maps.

Section 29, Article 2, of the Irrigation laws in force July 2, 1909, reads as follows:

"Upon the approval and allowance of an application the applicant shall send to the State Board's office, within six months thereafter a map or plat, upon a scale of not less than two inches to the mile, showing the location and the course of the distributing works, the source from which the appropriation is taken and the legal subdivisions of the land upon which the water appropriated is to be applied, which said map shall be filed and preserved in said office as a part of the records,"

A great deal of inconvenience and trouble has been caused by the absolute failure of applicants to comply with this law, or by the filing of unwieldy, incongruous, obscure and unsuitable maps. Such a course not only causes annoyance in the office of the State Board, but the applicants jeopardize and sometimes forfeit their rights by a careless interpretation, or an entire disregard for this clause of the Statutes.

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To obviate as far as possible the foregoing difficulties, to secure greater uniformity, and to encourage and effectuate a more strict compliance with the law, the State Board of Irrigation has adopted the following rules and regulations:

"All maps filed to comply with the above law, must be on tracing cloth 14 inches wide and 16 inches long, with a one inch margin on the top, bottom and right hand end and a 3 inch margin on the left hand end for binding. Where the whole area cannot be shown on one sheet, additional sheets must be used, each sheet representing a township, until the whole area is covered.

Short ditches and small areas must be made on a scale of 4, 6 or 8 inches to the mile, where, by using such scale, the area of the map will not exceed 12 inches square. In all other cases, where this cannot be done and where larger areas are to be shown, a scale of 2 inches to the mile is to be used.

The position of the headgate must be indicated by some tie to a government section or quarter-section corner, giving the course and distance therefrom. The course of the ditch or canal must also be shown.

At intersections with section lines the distance from the nearest government corner to the center line of the ditch must be given in feet, and where the land reclaimed is fractional, the fractional area to be irrigated, of each quarter-quarter section must be marked on plat in acres.

The center line of the proposed canal must be in red. Any other canals and all streams and drains must be in medium blue. The area proposed to be irrigated must be carefully shaded in light red. If topography is shown by contour lines, such lines must be in burnt sienna. All other matter, such as hatching, land lines, lettering, figures, etc., must be in black.

All maps must be made from actual measurements on the ground, and properly certified by some competent engineer or surveyor.

The presumption of the law is, that after a permit is allowed, it will require not more than six months to make the proper surveys, get the necessary information and construct and file the required map.

The following certificates must be printed upon the first sheet, properly filled out and signed:

State of Nebraska }
 } ss.
..... County }

I hereby certify that the survey of
was made under my direction, and is accurately represented on this map,
consisting of sheets.

.....
Engineer (or surveyor).

Dated....., 19.....
State of Nebraska }
 } ss.
..... County }

I hereby certify that this map consisting of..... sheets was made with my full knowledge and consent, and at my request, and correctly shows the location and course of the distributing works, the source from which the appropriation is taken, and the legal subdivisions of the land upon which the water appropriated is to be applied, as shown by Appli-

cation No....., filed in the office of the State Board of Irrigation on the.....day of.....

Dated....., 19.....

If the appropriation is for any purpose other than irrigation, this certificate must be so worded as to agree with the facts.

At the time an application is filed, a preliminary map is to be made upon the township plats accompanying the blanks furnished by this office, and which is made a part of the application, and the applicant should follow out the foregoing instructions as to color and shading, and such other matter as is possible to gather and place upon a preliminary map. This map must contain sufficient data upon which to base an opinion in handling the application."

Rules and Regulations Adopted by the State Board of Irrigation as to Plans for Dams.

Section 38, Article 2, of the Irrigation Law reads as follows:

"Any person, corporation or association hereafter intending to construct any dam for reservoir purposes or across the channel of any running stream above ten feet in height, shall before beginning such construction, submit the plan of the same to the State Board of Irrigation for their examination and approval, and no dam above ten feet in height shall be constructed until the same shall have been approved by such Board."

Water impounded behind a barrier becomes a menace to the country below. Life and property are imperiled by inferior designs and inadequate construction. Undoubtedly as a precaution against these causes of damage the above measures were enacted into law, and to effectuate a more strict compliance with this law, the following rules and regulations have been adopted:

The drawings representing the plan of a proposed dam should be made with a good quality of India ink upon sheets of tracing cloth 14 inches wide and 16 inches long with a 3 inch margin on the left hand end for binding (but extra lengths, not to exceed 30 inches, are allowable if necessary), as many such sheets to be used as requirements demand. These drawings must be numbered and given a proper title. They must include:

1st. A map of the site showing the position of the dam, the meanders of the stream and the flow line boundaries of the reservoir, all properly connected to land lines and government corners, also the surface area of the reservoir and the cubic contents in acre feet.

2nd. A cross section of the stream where the dam is to be built, showing the surface of the ground in profile with a sufficient number of soundings to indicate the underlying formation, the elevation of the dam and spillway, the surface of the impounded water and such openings or conduits through the dam as are contemplated.

3rd. A sketch of the dam in plan, or as viewed from above, outlining the top and slope lines of the dam, the water line, spillways, side walls, buttresses, etc.

4th. Cross sections of the dam at several points such as will show the mechanical construction of the different parts.

Specifications must accompany the drawings, explaining them and setting forth the material to be used and the methods of construction in clear, plain and unmistakable terms.

Following is a general form of petition for approval of plans which can be varied according to requirements. This petition should show

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above and foregoing petition and knows the contents thereof and that the facts therein set forth are true, as he verily believes.

Subscribed in my presence and sworn to before me this.....
day of, 19.....

.....
Notary Public.

The facts as to transfers, etc., should be stated in this petition as suggested in rules and regulations relative to dams.

Report of R. H. Willis, Under Secretary, Water Division No. 1.

To the Honorable State Engineer, secretary of the State Board of Irrigation:

Dear Sir:—In response to your request I submit the following brief report of my work and a part of my experience in the performance of the duties of Under Secretary, which office I have held during the past irrigation season only, in Water Division No. 1.

Conditions along the North Platte River were somewhat unusual the past season.

The snow fall in the mountains, which is our usual storage of water for irrigation along the North Platte Valley, was very light last winter and the warm weather in March caused the snow to melt and run off, thereby leaving a very small amount of water in the form of snow to thaw in the summer months, when it is most needed, together with the Government storing water for the North Platte project, in the Pathfinder Reservoir, from the 17th day of April to the 31st day of May, caused the North Platte River to be nearly dry about the first of June, a condition never heard of by the oldest settlers.

Complaints of no water along the North Platte River commenced to come in during the last few days of June.

About the 30th of June, the State Board of Irrigation wired instructions to the Under Secretaries, to divide the waters of the North Platte River and other streams according to priority of right of each canal.

Nothing was done towards closing gates until the 18th of July. Up to the 10th of July the discharge of the river was increasing and then it began to fall gradually until the North Platte Canal was greatly in need of water and further delay meant injury to crops.

On the morning of July 18th I started on a trip along the North Platte River, to ascertain the amount of water available for the needs of the North Platte canal; this canal having the first priority on the stream as shown by the records of the State Board of Irrigation.

There was practically no water in the river at Bridgeport and according to data in hand, the tributaries of the North Platte River furnished so little water and the need of water by the North Platte Canal was so very critical, I decided to go up the North Platte River first.

I closed the Browns' Creek Canal and turned into the river 19.6 sec. feet of water. The Schermerhorn, Belmont and Empire Canals were entirely dry. I closed these gates and drove to the head of the Alliance Canal, opened the diversion dam to turn any water that might come down from any canal I might shut down, from above.

Minatare was drawing 34.7 feet which was turned down and gates closed. I found 48.7 sec. feet and 48.1 sec. feet in the Winters Creek and Enterprise respectively. 384.2 sec. feet in the Tri State Canal.

In the Gering Canal I found 88.5 sec. feet, which I turned out and closed the gates. The Mitchell Canal was drawing 200 sec. ft. notwithstanding that this ditch had a later priority on the stream, nothing at

the time could be done without trouble and delay, as the controlling gates were in Wyoming.

On my return down the river on the 19th day of July I closed the Ramshorn Canal and turned into the river 18.8 sec. feet. The total amount of water available for diversion was 842.0 sec. feet. The North Platte Canal having first priority for 300 sec. feet and the Tri State second priority for 1142.0 sec. feet, it is plain to see that the other canals could have no water.

Up to this time I closed three canals that were drawing water, viz: Browns Creek, Gering Canal and Ramshorn, priority numbers 15, 58 and 19 respectively. I continued down and closed the Winters Creek, Enterprise, Minatare, Central, Steamboat, Castle Rock, Chimney Rock and Nine Mile Canals, making a total of 297.0 sec. feet of water. However, I learned that I had not got very far down the river before the Gering Canal opened its gates.

My plan was to continue down the stream and shut all gates as fast as I came to them until I had reached the North Platte Canal, and as soon as this canal was supplied I would return up the stream and open such gates as were entitled to water according to priority.

Before I reached Bridgeport on the 20th, a heavy shower fell a short distance above the state line, causing the river to more than double its discharge, so I permitted the Enterprise, Winters Creek, Minatare and Castle Rock to open their gates during this raise. On the 26th all the ditches were again closed in order that the North Platte River might have water, with the exception of the Gering Canal and the Tri State, the former having enjoined the State from interfering and the latter being No. 2 on the stream.

All the canals with one or two exceptions, opened up their gates within a day or two after they were closed.

The Enterprise and Winters Creek canals enjoined the State from interfering with their use of the water, these were dissolved, together with the Gering Canal injunction, not until it was too late to benefit the crops under the ditches of prior right.

The State of Nebraska restrained the Minatare, Nine Mile and Castle Rock canal from using water or interfering with the state officers in the performance of their duties.

On account of the ditches drawing water after they were closed and the injunction suits, no water reached Bridgeport except for two or three days. The twenty days' time taken to file bonds for appeal after the injunctions were dissolved made it so late that the crops that could have been benefited were beyond the growing state.

On August 15th all the ditches on the Blue Creek and White Tail were closed by the Under Assistant Secretary McCoy on the supposition that all the waters of the tributaries of the North Platte belong to the North Platte River and subject to the laws of priority on the North Platte watershed.

The total amount of water turned into the river from the Blue and

White Tail Creeks was 42. 4 sec. feet. On the same day less than 5.0 sec. feet was passing Bridgeport.

Later all these ditches opened their gates without permission.

I would suggest that the irrigation laws be amended to cover the following conditions that the officers of the State Board of Irrigation will meet with while attempting to divide the waters of the streams in Nebraska:

There should be a penalty sufficiently severe that no individual or corporation canal owners or water users could afford to permit water to run into their ditches or use the same on their lands without permission from the proper state officer.

A law is needed requiring all ditches to be provided with simple controlling gates, that are easy of operation, and so arranged that the water may be divided and gates sealed by state officer, and penalty for breaking seal.

All ditches to be equipped with gauge rod at suitable point in canal, near head, and daily readings recorded and transmitted to the office of the State Board of Irrigation at regular intervals, by the canal officers.

The names of the officers of all ditches should be reported early in the spring for record in the office of the State Board of Irrigation.

That the non-use of ditches and failure to report gauge heights and election of officers to the State Board each year for three years in succession, will constitute an abandonment of an appropriation and notice should be given to the ditch officers by the State Board of Irrigation at the expiration of three years, to appear before the Board and show reasons why their appropriation should not be cancelled.

I wish to thank the Engineer-Secretary and the Honorable Board of Irrigation for the substantial support I received in the performance of my duties during the past season; the many ditch officers who made my work easier by doing all in their power to prevent any of the violations of the orders of the State Board of Irrigation, the under assistant secretaries, J. C. McCoy and R. C. Campbell, who have performed their duties faithfully and without fear, notwithstanding that the weakness of our irrigation laws tends to create a feeling of personal danger and might leave men of less courage somewhat intimidated after their work has been interfered with by transgressors of the law, who go unpunished. Also, a word of appreciation to the project engineer, Andrew Weiss, and his corps of engineers, of the Government North Platte project, with headquarters at Mitchell, Nebraska, who furnished me with daily reports of the discharge of the Pathfinder Reservoir, the discharge of the North Platte River over the Whalem Dam, and the inflow of the North Platte River into the Pathfinder Reservoir, all of this was very valuable information which was used in connection with the dividing of the waters in the North Platte River.

Respectfully submitted,

November 28, 1910.

ROBERT H. WILLIS,

Under Secretary Water Division No. 1.

Report of Page T. Francis, Under Secretary Water Division No. 2.

Crawford, Neb., November 30, 1910.

E. C. Simmons,

State Engineer, Secretary, State Board of Irrigation,
Lincoln, Nebraska.

Dear Sir:—I submit herewith my official report for the biennium ending November 30, 1910.

The extremely dry weather of the past summer has increased the interest of the people in this part of the state in the subject of irrigation to such an extent that should it be followed by another year of the same kind, which is quite probable, there will be more money spent in the construction of irrigation works than has been spent in the past, but it will be done in the building of storage reservoirs and the conserving of storm and flood waters that are now allowed to go unused.

The first irrigation works constructed in this part of the state were built by people having no practical knowledge of irrigation and the consequence was a great many mistakes and many became discouraged with irrigation. Then followed several years when the rainfall was sufficient to make a crop of native hay and alfalfa, these being about the only crops irrigated in this part of the state. During this time a great many people allowed their ditches to get out of repair and many thought that they would never need them again. But the dry weather of May, June and July 1910 did away with this idea and in every case where it was possible the ditches were repaired and every one was asking for water but there was very little to be had, in fact the only streams that furnished more water than was needed for domestic purposes were the Niobrara and the White River, the latter being so dry in the eastern part of Dawes county that I had to close all the irrigation ditches on it for a week in the month of July. At that time there was a shower at the head of the river which increased the flow so the ditches were allowed to take some water again.

As a result of the above stated condition complaints came to your under secretaries in such an unlimited number that it was almost impossible to attend to them all promptly. The complaints coming from the Niobrara and White River were mostly for water for irrigation while those from Hat Creek, Ash Creek and other small streams were from parties in need of water for domestic purposes. The trouble became so acute on Ash Creek that I was compelled to have an assistant to see that all the irrigation ditches were kept closed. In this connection I wish to speak of an amendment which I think should be made to the irrigation laws in regard to headgates. I think it should be a misdemeanor for any one to divert water from any stream without having first constructed a headgate that can be securely shut and locked.

A great deal of the trouble I had this year could have been avoided if such headgates were in use in this division, however, as far as I know there is not one. The applying to the County Commissioners as we

now are obliged to do is too long a course to bring results. I would suggest also, since the greater part of the irrigation in the future in this country will be done with water held in storage reservoirs that the water be stored when there is plenty, as at the present time. There is now 28 cu. ft., of water in White River and very little being used. If the water that runs to waste in this stream from now until the first of April could be stored until needed it would irrigate many times the amount of land now being irrigated by that stream.

In July, 1910, when the water was needed most, there were only 12 cubic feet of water in White River at Crawford, and there were ditches whose combined appropriations exceeded 40 cubic feet. And these ditches were within three miles of Crawford and they all wanted water at this time.

One thing more, I think all applications for a permit to appropriate water should be accompanied, by a map or maps of the same made according to instruction from your office, thus giving the under secretary, when it is referred to him, something upon which to base his report to your office.

Respectfully submitted,

PAGE T. FRANCIS,

Under Secretary Water Division No. 2.

NORTH PLATTE PROJECT.

Nebraska-Wyoming.

Soon after the Reclamation Act of June 17, 1902, was passed, investigations were started for the purpose of ascertaining the irrigation possibilities of the North Platte drainage area.

These investigations showed that it was possible to construct an extensive irrigation system along the North Platte River in Wyoming and Nebraska. An irrigation project for the valley was then approved, and immediate steps were taken to develop the system.

The first unit started was the storage reservoir. The site of this reservoir is at the junction of the North Platte and Sweetwater Rivers in Wyoming. The building of the Pathfinder dam was approved in 1904, and the same has since been built in a narrow canyon about 45 miles southwest of Casper, Wyoming. This dam is of the arch masonry type, with a maximum height of 218 and a length of crest of 432 feet, and contains about 60,000 cubic yards of masonry. The reservoir has a capacity of 1,025,000 acre feet, and an area of 21,774 acres.

The Pathfinder unit, which consists of the masonry dam and earth dike, the latter made necessary by the existence of a low pass a short distance south of the dam, and necessary diversion tunnels, is nearly completed, and the reservoir could be used to its full capacity in 1911, if necessary.

Of the different tracts of land investigated with a view of building

irrigation systems, all but two have been abandoned. The first, the larger of those two, is Goshen Park unit. This unit covers a large tract of land on the south side of the river, extending from Gurnsey, Wyoming, to a point near Gering, Nebraska. This tract contains about 210,000 acres of irrigable land, of which about 150,000 acres are in Wyoming, and 60,000 acres in Nebraska. This tract is still under consideration by the Reclamation Service.

The other tract is known as the Interstate unit, and, as approved, extends from Whalen, Wyoming, to Red Willow Creek in Nebraska.

The water for the Interstate unit is diverted from the river at Whalen, Wyoming, at which place a diversion dam, consisting of a 300 ft. concrete weir, and an earth dike about 2,000 feet long, was built by the U. S. Reclamation Service, in 1907 and 1908.

The capacity of the Interstate canal at the headworks is about 1,400 second feet. This capacity is maintained for about 28 miles, where the first reduction takes place. Beyond the 28th mile, the capacity varies from about 1,200 second feet to 800 second feet. The total length of main canal now constructed is about 95 miles. The first district of land watered from the Interstate Canal is a Carey Act segregation in Wyoming, which is under the control of the North Platte Canal & Colonization Company. The United States has no control over the operation of this district other than that of delivering to the lateral headgates the water for which the company has an appropriation. This body of land contains 17,874 acres of irrigable land.

The next division of land is known as the first lateral district, all of which is operated under the Reclamation Act. This district was opened for irrigation in 1908 and extends from the Sandhills near the State line in Wyoming to the Dry Spotted Tail Creek in Nebraska.

The second lateral district was opened for irrigation in 1909, with the exception of a few acres added in 1910. This district lies wholly in Nebraska and embraces the territory between Dry Spotted Tail and Winter Creeks under the Interstate Canal.

The third lateral district is not yet completed. About 8,900 acres of the same will be ready for irrigation in the season of 1911. It is intended to bring the remaining 29,000 acres under irrigation in the very near future.

The following is a table showing the division of lands into districts under the Interstate Canal:

First Lateral District (Wyoming and Nebraska).....	36,760 acres
Second Lateral District (Nebraska).....	34,100 acres
Third Lateral District (Nebraska).....	38,000 acres
Land of North Platte Canal & Colonization Co.....	17,870 acres
Miscellaneous tracts of U. S. land (Wyoming-Nebraska).....	2,540 acres
Total	129,270 acres

Of the above, 107,521 acres are in Nebraska, and 21,741 acres are in Wyoming, the latter including the lands of the North Platte Canal & Colonization Company.

The following shows the land opened to irrigation in 1910:

Nebraska	68,986 acres
Wyoming (U. S. R. S.)	1,855 acres
Wyoming (N. P. C. & C. Co.)	17,874 acres
Total	88,715 acres

Of the above, 42,327 acres of land under the Reclamation Act, and 6,175 acres under the North Platte Canal & Colonization Company, were in crops in 1910.

Briefly stated, the scheme for payments for the lands under the Reclamation Act is as follows:

Construction charges of \$45.00 per acre of irrigable land, payable as follows:

First year, \$2.00 per acre;

Second year, \$3.00 per acre;

For each of the eight succeeding years, \$5.00 per acre.

These amounts are due December 1st of each year following the first season's operation, but are not delinquent until one year later. In addition to the construction charges outlined above, the settler is charged with the actual pro rata cost of the operation and maintenance of the irrigation system, beginning with the third year in which the settler receives water. These charges are estimated at \$1.25 per acre of irrigable land for the season of 1911.

As a rule, the farm units contain approximately 80 acres of irrigable land. Under the Reclamation Law no water can be furnished to one person for over 160 acres of irrigable land, whether his land is in private ownership or still unpatented.

At the present time, practically all the land under the project is taken up. There are, however, frequent opportunities to purchase deeded land or relinquishments from homesteaders. Intending settlers are urged, however, to ascertain the dues which may have accrued on a tract of land, because under present rulings all charges that are due on a piece of land must be paid by the new purchaser or entryman at the time he makes his water right application and he must make the latter at the time of entry or purchase. No person should undertake to settle on a homestead of raw land on the project with a capital less than \$1,500.00 for an eighty acre tract, and should have more than this for a larger tract. This money is needed for improvements and living expenses until the farm may be put upon a paying basis.

ANDREW WEISS, Project Engineer.

November 30, 1910.

The following statement shows the amount of money in the various funds on November 30th, 1908, and the amount drawn from each of these funds, and also the balance remaining unexpended which reverted to the General Fund. It also shows the amount appropriated for the biennium beginning the first Wednesday in April, 1909, and the amount drawn from each of these funds to November 30th, 1910, and the balance remaining in each fund to this date. It shows also the amount of fees received by this department during the period from November 30th, 1908, to November 30th, 1910, all of which has been paid to the State Treasurer.

FUND	Balance Nov. 30, 1908.	Drawn from Bal. of Nov. 30, 1908.	Unused	Appropriation of 1909.	Expended April 1, 1909, to Nov. 30, 1910.	Balance Nov. 30, 1910
Secretary	\$ 1,000.00	\$ 1,000.00		\$ 4,000.00	\$ 3,000.00	\$ 1,000.00
Assistant Secretary.....	400.00	400.00		2,400.00	2,000.00	400.00
Under Secretaries.....	1,915.45	689.27	\$ 1,226.18	3,200.00	2,101.40	1,098.60
Stenographer	280.00	280.00		1,680.00	1,400.00	280.00
Expenses	1,155.67	1,114.68	10.99	4,300.00	3,142.41	1,157.59
	Collected	Paid Treasurer	On Hand			
Fees	\$ 907.81	\$ 907.81				

CLAIMS AND APPLICATIONS GRANTED AND PENDING.

The following tables give a complete list of all claims and applications for water, which have been granted by the State Board of Irrigation, and which have never been cancelled; also all applications and claims now pending.

In these tables, the claims and applications have been arranged in each division by **streams in alphabetical** order, and the appropriations on each stream are arranged in order of their priority and for that stream only; but in the table immediately following the priority is given for each water division.

Range numbers refer to ranges west of the 6th Principal Meridian, unless otherwise indicated.

Those having docket numbers are claims made covering rights acquired under the law prior to April 4, 1895, and those having application numbers are applications for permits to appropriate water made under the law of 1895.

These tables will be found valuable in ascertaining relative rights of appropriators from any stream.

CLAIMS AND APPLICATIONS BY STREAMS IN DIVISION 1-A

Stream	Name of Claimant	Post-Office Address	Name of Ditch	Use to which applied	Second feet granted	Location of Headgate				Date of Priority		Docket No.	App. No.
						S	T	R	County	Month	D Yr.		
Ash Creek	McCormick, C.	Lewellen	McCormick	Irrig.		16	16	4	Deuel	June		*1011	
Ash Creek	Vance, Roscoe	Lewellen	Vance Ditch	Irrig.	1.14	27	16	4	Deuel	June	14 1890	765	
Ash Creek	Gillard, George	Lewellen	Gillard Ditch	Irrig.	1.43	3	16	42	Deuel	Dec.	31 1890	812	
Beaver lake	Baldrige, A. F.	Alliance	Beaver	Irrig.		16	20	44	Garden	Aug.	6 1910		1018*
Eirdwood creek	Eq. Farm & S. Imp. Co.	N. Platte	Birdwood Canal	Irrig.	100.	35	15	33	Lincoln	Oct.	21 1893	646	
Birdwood creek	Eq. Farm & S. Imp. Co.	N. Platte	W. Side Birdwood Canal	Irrig.	8.57	22	15	33	Lincoln	Jan.	16 1894	652	
Eirdwood creek	Beauchamp, W. K.	Sutherland	Beauchamp Canal	Irrig.	3.	15	15	33	Lincoln	Sept.	19 1894	677	
Birdw'd ck. E. B.	McCabe, N.	N. Platte	McCabe Ditch	Irrig.	5.	3	16	33	Lincoln	Mar.	1 1901		602
Blue creek	Union Irr. & W. P. Co.	Ramsey	Union Irr. & W. P Canal	Irrig.	24.64	18	16	42	Deuel	May	16 1890	763	
Blue creek	Ia. Irr. & Imp. Co.	Ramsey	Blue Creek Ditch	Irrig.	12.86	6	16	42	Deuel	Sept.	7 1893	781	
Blue creek	Eq. Farm & S. Imp. Co.	N. Platte	Blue Creek Canal	Irrig.	107.29	33	17	42	Deuel	Dec.	27 1893	785	
Blue creek	Ia. Irr. & Imp. Co.	Lewellen	Ia. Irr. & Imp. Co. D.	Irrig.	12.	7	16	42	Deuel	Feb.	24 1894	786	
Blue creek	Graf, Robert E.	Lewellen	Graf Canal	Irrig.	61.43	19	16	42	Deuel	April	2 1894	788	
Blue creek	Winterer, Jacob H.	Lewellen	High Line Ditch	Irrig.	20.	21	17	42	Deuel	Sept.	27 1894	795	
Blue creek	Bergenson, Nels. et al.	Ramsey	West Side Ditch	Irrig.	21.	28	17	42	Deuel	Nov.	20 1894	800	
Blue creek	Ramsey & Paisley	Ramsey	Paisley Irr. Ditch	Irrig.	4.	33	17	42	Deuel	July	14 1899		515
Blue creek	Slessor, David	Oshkosh	Fair View	P'wer	62.5	4	18	43	Garden	July	18 1910		1009
Brown's creek	Haxby, Geo. H.	Bridgeport	Hackberry Ditch	Irrig.	0.43	19	20	48	Cheyenne	July	17 1903		717
Buckhorn spgs.	Maddox, P. P.	Keystone		Irrig.	2.28	8	14	36	Keith	Oct.	3 1908		918
Buffalo creek	Farmers Un. Ditch Co.	Kearney	Farmers' Union Ditch	Irrig.		34	9	19	Dawson	Aug.	13 1901		632
Buffalo creek W.	Henry, Absalom	Cozad	Henry Canal	Irrig.	0.07	23	11	23	Dawson	July	2 1900		570

*Pending.

CLAIMS AND APPLICATIONS BY STREAMS IN DIVISION 1-A—(Continued).

Stream	Name of Claimant	Post-Office Address	Name of Ditch	Use to which applied	Second feet granted	Location of Headgate				Date of Priority		Docket No.	App. No.	
						S	T	R	County	Month	D Yr.			
Camp creek.....	Stillwell, Wm.....	Lisco	Camp Creek Ditch.....	Irrig.	1.43	13	18	49	Cheyenne	Mar.	16 1892	866		
Clear creek.....	Hooper, D. C.....	Ramsey	Clear Creek Ditch.....	Irrig.	2.88	32	16	41	Keith	July	1 1888	748		
Clear creek.....	Barber, F. H., Marsh, W. F.....	Lewellen	Clear Creek Canal.....	Irrig.	14.57	29	16	41	Keith	May	30 1893	754		
Clear creek.....	Green, Nelson A.....	Lewellen	Clear Creek Ditch.....	Irrig.	1.14	32	16	41	Keith	May	30 1893	756		
Clear creek.....	Green, Nelson A.....	Lewellen	Green Ditch.....	Irrig.	1.14	29	16	41	Keith	June	1 1893	745		
Clear creek.....	Scott, G. T., Williams E. C.....	Lewellen	Scott & Williams Ditch.....	Irrig.	1.	28	16	41	Keith	May	18 1894	747		
Clear creek.....	Finch, H. M.....	So. Chicago.....	Finch Ditch.....	Irrig.	1.43	4	15	41	Keith	June	30 1895	964		
Cold Water creek	Ledgewood, W. E. et al.....	Oskosh	Cold Water Ditch.....	Irrig.	4.29	26	18	46	Deuel	Sept.	29 1894	796		
Coon creek.....	Winterer, Wm. H.....	Keystone	Coon Creek Ditch.....	Irrig.	0.71	34	15	37	Keith	July	3 1895		69	
Crescent lake.....	Orr, George B., et al.....	Lewellen	Crescent Canal.....	Irrig.		20	20	44	Garden	Sept.	22 1910		1024*	
Dougout creek, S. W. Lower.....	Cooper, Eliza A.....	Cmp. Clarke.....	Cooper Ditch.....	Irrig.	0.86	4	19	48	Cheyenne	Aug.	15 1892	872		
S. W. Lower.....	Mulloy, Coote C.....	Irving	Mulloy Ditch.....	Irrig.	1.	27	20	48	Cheyenne	July	18 1907		865	
S. W. Lower.....	Hubbard, Henry.....	Broadwater	Hubbard Ditch.....	Irrig.		29	4	19	48	Morrill	June	23 1910		1005
Lower	Hagerty, M. H.....	Broadwater	Hagerty Ditch.....	Irrig.		4	19	48	Morrill	Oct.	26 1910		1032*	
Lower	Hagerty, M. H.....		Hagerty Extension.....	Irrig.		4	19	48	Morrill	Oct.	26 1910		1033*	
Fremont creek.....	Fq Farm & S. Imp. Co.....	N. Platte.....	Fremont Creek Ditch.....	Irrig.	9.29	15	13	30	Lincoln	Jan.	31 1894	686		
Golden creek.....	Thies, Micheal J.....	Ogalalla	Thies Ditch.....	Irrig.	3.43	25	15	39	Keith	Sept.	17 1895		160	
Greenwood creek.....	Coulter, D. M. & H. M.....	Lovel'd Col.....	Coulter Ditch.....	Irrig.	4.	15	18	50	Cheyenne	Feb.	3 1890	830		
Greenwood creek.....	Trimmer, J. E.....	Midway	Trimmer Canal.....	Irrig.	6.29	28	18	50	Cheyenne	April	1 1892	849		

*Pending.

CLAIMS AND APPLICATIONS BY STREAMS IN DIVISION 1-A—(Continued).

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Stream	Name of Claimant	Post-Office Address	Name of Ditch	Use to which applied	Second feet granted	Location of Headgate				Date of Priority		Docket No.	App. No.
						S	T	R	County	Month	D Yr.		
Greenwood creek	Nelson & Trimmer	Midway	Nelson Canal	Irrig.	3.	33	18	50	Cheyenne	April	1 1892	845	
Greenwood creek	Capron, A., Lamb, J.	Midway	Capron & Lamb Ditch	Irrig.	2.	15	18	50	Cheyenne	Jan.	1 1893	890	
Greenwood creek	Meglenre, Sara A	La Peer	Meglenre Ditch	Irrig.	0.57	10	18	58	Cheyenne	May	6 1896	294	
Greenwood creek	Dean, H. T.	Bridgeport	Dean Ditch	Irrig.	8.86	10	18	50	Cheyenne	Dec.	5 1906	844	
Greenwood creek	Meglenre, Sarah A.	Longm't Col.	Meglenre Ext.	Irrig.	1.50	10	18	50	Cheyenne	March	11 1907	853	
Horse creek	Roberts, Samuel S.	Morrill	State Line Ditch	Irrig.	10.	33	23	58	Scotts Bluff	Sept.	10 1897	407	
Horse creek	Brazel, P., Marsh, G.	Caldwell	Marsh & Brazel Canal	Irrig.	8.	4	22	60	Wyoming	Nov.	24 1908	921	
Horse creek	Gilmore, F. D.	Mitchell	Gilmore Ditch	Irrig.	9.	33	23	58	Scottsbluff	Feb.	21 1910	983	
Horse creek	Kellums, J. H. and and Bristol, Martin	Mitchell	Bristol & Kellums Ditch	Irrig.	21.	8	22	60	Wyoming	Feb.	25 1910	984	
Horse creek	Mihan, John	Caldwell	State Line Ditch	Irrig.	2.29	33	23	58	Scotts Bluff	April	21 1910	994	
Horse creek	Jackson, Joel	Caldwell	Jackson Extension	Irrig.	1.07	27	23	58	Scotts Bluff	May	19 1910	1000	
Horse & Owl crks.	Pizer, H. J.	Mitchell	Horse Creek Ditch	Irrig.	0.86	34	23	58	Scotts Bluff	Feb.	29 1904	742	
Huntington spg.	Cord, Fred	Hull	Cord Ditch	Irrig.	1.43	9	20	58	Scotts Bluff	Dec.	23 1904	778	
Kiowa creek	Currie, Edwin A.	Mitchell	Currie Ditch	Irrig.	9.14	13	21	57	Scotts Bluff	March	23 1892	938	
Kiowa creek	Kellums, J. H.	Caldwell	Kellums Ditch	Irrig.	2.43	11	22	58	Scotts Bluff	Oct.	18 1901	641	
Kiowa creek	Lowry, Ellis	Mitchell	Lowry Canal	Irrig.	1.71	31	22	57	Scotts Bluff	March	25 1904	746	
Kiowa creek	Kellums, J. H.	Caldwell	Kellums No. 2	Irrig.	0.57	1	22	58	Scotts Bluff	Nov.	29 1907	880	
Lake creek	Lute, H. D.	Paxton	Lake Creek Ditch	Irrig.	8.57	14	14	36	Keith	Nov.	24 1905	805	
Lawrence fork	Lindburg, F.	Redington		Irrig.	0.50	28	18	52	Cheyenne	Dec.	31 1888	825	

REPORT OF SECRETARY

CLAIMS AND APPLICATIONS BY STREAMS IN DIVISION 1-A—(Continued).

Stream	Name of Claimant	Post Office Address	Name of Ditch	Use to which applied	Second feet granted	Location of Headgate				Date of Priority		Docket No.	App. No.
						S	T	R	County	Month	D Yr.		
Lawrence fork	Gilman, Byron, Crigler, E. S.	Redington	Redington Ditch	Irrig.	0.57	36	19	52	Cheyenne	Oct.	9 1889	820	
Lawrence fork	Crigler, E. S.	Redington	E. S. Crigler Ditch	Irrig.	0.57	1	18	52	Cheyenne	Sept.	11 1891	861	
Lawrence fork	Harper, John W.	Higgins	Spring Branch Ditch	Irrig.	1.	11	18	52	Cheyenne	Oct.	23 1891	892	
Lawrence fork	Redington, H. V.	Redington	H. V. Redington Ditch	Irrig.	0.50	11	18	52	Cheyenne	May	1 1893	893	
Lawrence fork	Doran, Edmund	Sidney	Doran Canal	Irrig.	1.14	15	18	52	Cheyenne	June	1 1894	850	
Lawrence fork	Harper, John W.	Higgins	Spring Branch Extension	Irrig.	0.57	1	18	52	Cheyenne	Oct.	13 1898		476
Lawrence fork	Crigler, E. S.	Redington	Crigler Extension	Irrig.	1.43	1	18	52	Cheyenne	Nov.	25 1898		485
Lawrence fork	Neithus, Henry	Redington	Neithus Ditch	Irrig.	1.	11	18	52	Cheyenne	March	23 1900		550
Lawrence fork	Harper, J. W.	Sidney	Harper Ditch	Irrig.	1.43	11	18	52	Cheyenne	May	27 1902		669
Lawrence fork	Harper, John W.	Sidney	Bicket Ditch	Irrig.	0.57	11	18	52	Cheyenne	May	27 1902		670
Lonergan creek	Soehl, Herman A.	Omaha	Soehl Canal	Irrig.	2.	17	15	39	Keith	May	10 1889	697a	
Lonergan creek	Jacobs, Lee	Ogalalla	E. Lonergan Ditch	Irrig.	9.14	17	15	39	Keith	May	25 1889	699	
Lonergan creek	Soehl, Herman A.	Omaha	Soehl Canal	Irrig.	0.86	17	15	39	Keith	April	27 1893	697b	
Lonergan creek	Haney, August C.	Ogalalla	Haney Ditch	Irrig.	1.14	17	15	39	Keith	July	1 1893	719	
Lost creek	Piekes, D. F., et al.	Oshkosh	Lost Creek Ditch	Irrig.	2.50	25	17	44	Deuel	May	19 1909		948
Mathews creek	Mathews, Benj. G.	Keystone	Mathesws Canal	Irrig.	1.14	28	15	37	Keith	April	1 1895	750	
North Platte R.	N. Platte Irr. & L. Co.	N. Platte	North Platte Canal	Irrig.	300.	13	14	34	Lincoln	May	31 1884	635	
North Platte R.	Farmers Canal Co.	Omaha	Farmers' Canal	Irrig.	1142.86	3	23	58	Scotts Bluff	Sept.	16 1887	918	
North Platte R.	Minatare Mut. C. & I. Co.	Minatare	Minatare Ditch	Irrig.	249.43	32	22	54	Scotts Bluff	Jan.	14 1888	919	
North Platte R.	Winters Creek Irr. Co.	Gering	Winter Creek Canal	Irrig.	124.29	17	22	55	Scotts Bluff	Oct.	18 1888	952	
North Platte R.	Enterprise Ditch Co.	Sunflower	Enterprise Ditch	Irrig.	173.71	27	23	57	Scotts Bluff	March	28 1889	920	
North Platte R.	Castle Rock Irr. Canal & Water Power Co.	Wilford	Castle Rock Irr. Canal	Irrig.	82.57	4	21	54	Scotts Bluff	April	18 1889	921	

STATE BOARD OF IRRIGATION

CLAIMS AND APPLICATIONS BY STREAMS IN DIVISION 1-A—(Continued).

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Stream	Name of Claimant	Post-Office Address	Name of Ditch	Use to which applied	Second feet granted	Location of Headgate				Date of Priority		Docket No.	App. No.
						S	T	R	County	Month	D Yr.		
North Platte Riv.	Logan, Chas E.	Camp. Clarke		Irrig.	5.71	19	24	50	Cheyenne	Oct.	17 1889	821	
North Platte Riv.	Belmont, I. C. & W. P. Co.	Omaha	Belmont Canal	Irrig.	270.	18	20	51	Cheyenne	Dec.	19 1889	828	
North Platte Riv.	Central I.C.& W.P.Co.	Gering	Central I. O. & W. P. Co. Canal	Irrig.	36.	27	22	55	Scotts Bluff	June	23 1890	926	
North Platte Riv.	Myers, T. A. et al.	Ogalalla	Myers & Phelps Canal	Irrig.	7.14	34	15	39	Keith	Sept.	11 1890	709	
North Platte Riv.	Sheridan, J. Wake	Ogalalla	Sheridan & Wilson Ditch	Irrig.	10.	20	14	35	Keith	Oct.	9 1890	710	
North Platte Riv.	Chimney Rock Irr. Can. & Water Power Co.	Cmp. Clarke	Chimney Rock Canal	Irrig.	60.	1	20	53	Cheyenne	Dec.	3 1890	844	
North Platte Riv.	Empire Canal Co.	Cmp. Clarke	Empire Canal	Irrig.	28.57	18	20	51	Cheyenne	June	25 1891	858	
North Platte Riv.	Kah, David	Minatare	Kah Ditch	Irrig.	4.57	11	21	54	Scotts Bluff	Nov.	1 1891	944	
North Platte Riv.	Brown's Cr. I. C. Co.	Cmp. Clarke	Brown's Ck Canal	Irrig.	188.71	29	20	50	Cheyenne	Jan.	20 1892	857	
North Platte Riv.	Hale, Will A.	Gering	Homestead Ditch	Irrig.	11.43	21	22	55	Scotts Bluff	June	29 1892	941	
North Platte Riv.	Alliance I. C. & W. P. Co.	Cmp. Clarke	Alliance Canal	Irrig.	100.	5	20	52	Cheyenne	Dec.	26 1892	874	
North Platte Riv.	Clark, Henry T.	Cmp. Clarke	H. T. Clarke Canal	Irrig.	9.43	22	20	51	Cheyenne	Feb.	2 1893	875	
North Platte Riv.	Nichols, Yorrick and C.	Morrill	Ramshorn Ditch	Irrig.	45.71	13	23	58	Scotts Bluff	March	20 1893	945	
North Platte Riv.	Short Line Irr. Co.	Bayard	Short Line Canal	Irrig.	65.57	25	21	53	Scotts Bluff	May	1 1893	946	
North Platte Riv.	Lisco, Reuben	Chappell	Lisco Ditch	Irrig.	32.86	14	18	47	Cheyenne	July	1 1893	856	
North Platte Riv.	Nine Mile C. & Res. Co.	Bayard	Nine Mile Canal	Irrig.	200.	18	21	53	Scotts Bluff	Dec.	6 1893	925	
North Platte Riv.	Cody & Dillon I. C. Co.	N. Platte	Cody & Dillon I. C. Co.	Irrig.	127.	9	14	31	Lincoln	Dec.	29 1893	649	
North Platte Riv.	Sutherland & Paxton Land & Irr. Co.	Sutherland	S. & P. L. & I. C.	Irrig.	186.	18	14	36	Keith	Feb.	2 1894	722	
North Platte Riv.	Paxton & Hershey Irr. Canal & Land Co.	Omaha	Paxton & Hershey C.	Irrig.	130.	18	14	33	Lincoln	Feb.	12 1894	653	
North Platte Riv.	Bower, Wm T.	Oshkosh	Bower Ditch	Irrig.	21.37	6	17	45	Deuel	March	27 1894	787	
North Platte Riv.	Far. & Mer. Land Co.	N. Platte	Farm. & Mer. Canal	Irrig.	183.	12	14	33	Lincoln	May	22 1894	662	

REPORT OF SECRETARY

CLAIMS AND APPLICATIONS BY STREAMS IN DIVISION 1-A—(Continued).

Stream	Name of Claimant	Post-Office Address	Name of Ditch	Use to which applied	Second feet granted	Location of Headgate			Date of Priority		Docket No.	App. No.
						S	T	R	County	Month			D.Yr.
North Platte Riv.	South Side I. & L. Co.	N. Platte	So. Side I. & L. Co. C.	Irrig.	270.	14	14	34	Lincoln	June	6 1894	667
North Platte Riv.	Roberts, C. F.	Oshkosh	Midland Ditch	Irrig.	12.	2	16	44	Deuel	June	9 1894	789
North Platte Riv.	Keith, Morrell C.	N. Platte	Keith Canal	Irrig.	71.	36	14	30	Lincoln	July	7 1894	657
North Platte Riv.	Maycock, Joseph	Morrill	Rooster Ditch	Irrig.	5.71	10	23	58	Scotts Bluff	July	29 1894	950
North Platte Riv.	Smith, Augustus	N. Platte	Smith Canal	Irrig.	20.	36	14	30	Lincoln	Aug.	9 1894	676
North Platte Riv.	Fox, B. M.	Oshkosh	Overland I. C. Can.	Irrig.	20.	1	16	44	Deuel	Aug.	14 1894	791
North Platte Riv.	Hannah Irr. Can. Co.	Lisco	Hannah I. Canal	Irrig.	5.71	24	18	47	Cheyenne	Sept.	24 1894	886
North Platte Riv.	Gumaer, H. G., et al.	Oshkosh	Oshkosh Canal	Irrig.	40.	33	17	44	Deuel	Oct.	5 1894	797
North Platte Riv.	Smith, A. H., et al.	Cmp. Clarke	Beerline Ditch	Irrig.	30.	24	19	49	Cheyenne	Oct.	13 1894	887
North Platte Riv.	Spohn, Wm.	Oshkosh	Spohn Ditch	Irrig.	13.14	13	17	45	Deuel	Dec.	6 1894	801
North Platte Riv.	Rush Creek Irr. Can. Co.	Lodge Pole	Rush Creek Irr. Canal	Irrig.	9.64	2	17	46	Deuel	Dec.	11 1894	802
North Platte Riv.	Lyons I. C. & W. P. Co.	Oshkosh	Lyons Irr. Canal	Irrig.	42.14	30	17	44	Deuel	Dec.	22 1894	803
North Platte Riv.	Orr, Geo. B., et al.	Lewellen	Orr & Vance Canal	Irrig.	2.93	29	16	42	Deuel	Dec.	24 1894	811
North Platte Riv.	Williams, E. O. et al.	Lewellen	Robb's & Williams Canal	Irrig.	26.57	35	16	42	Deuel	Jan.	4 1895	804
North Platte Riv.	Gyger, J. C.	Oshkosh	Gyger Ditch	Irrig.	10.86	10	16	44	Deuel	Jan.	5 1895	806
North Platte Riv.	Dikeman, S. F.	N. Platte	Dikeman Canal	Irrig.	30.	9	14	32	Lincoln	Jan.	14 1895	804
North Platte Riv.	Simpson, Geo. M. et al.	Oshkosh	Signal Bluff Ditch	Irrig.	30.13	16	16	43	Deuel	Jan.	16 1895	807
North Platte Riv.	Jacobs, Lee	Ogalalla	Hay Land Canal	Irrig.	5.71	29	15	39	Keith	Jan.	19 1895	732
North Platte Riv.	Hubartt, E.	N. Platte	Hubartt & Hall D.	Irrig.	65.70	20	14	30	Lincoln	March	3 1895	691
North Platte Riv.	Fernstrom, Alfred, Nis- son, Peter	Ogalalla	Fernstrom & Nissen	Irrig.	4.	25	15	39	Keith	March	23 1895	737
North Platte Riv.	Alfalfa Irr District	Ogalalla	Alfalfa Irr. Dis. Can.	Irrig.	100.	1	15	42	Keith	March	25 1895	738
North Platte Riv.	Bushnell, H. J. & E. N.	Oshkosh	Bushnell Bros. Ditch	Irrig.	7.14	12	16	44	Deuel	March	27 1895	809
North Platte Riv.	Holcomb, Gen. J.	Ogalalla	Holcomb Ditch	Irrig.	15.49	16	15	40	Keith	June	4 1895	1
North Platte Riv.	Steamboat Ditch Co.	Gering	Steamboat Ditch	Irrig.	15.	4	21	54	Scotts Bluff	Oct.	22 1895	186
North Platte Riv.	North River Irr. C. & Water Power Co.	Oshkosh	North River Irr. Co.	Irrig.	163.29	14	18	47	Cheyenne	Feb.	24 1896	243
North Platte Riv.	LaMore, Fred E.	LaPeer	LaMore Ditch	Irrig.	20.	34	19	48	Cheyenne	July	18 1896	327

CLAIMS AND APPLICATIONS BY STREAMS IN DIVISION 1-A—(Continued).

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Stream	Name of Claimant	Post Office Address	Name of Ditch	Use to which applied	Second feet granted	Location of Headgate			Date of Priority		Docket No.	App. No.
						S	T	R	County	Month			D Yr.
North Platte Riv.	Steamboat Ditch Co.	Gering	Steamboat Ditch	Irrig.		4	21	54	Scotts Bluff	July	22 1896	350
North Platte Riv.	Tetreault, Amedee	LaPeer	Tetreault Ditch No. 2	Irrig.	3.43	1	19	50	Cheyenne	Aug.	15 1896	353
North Platte Riv.	The Gering Irr. District	Gering	Gering Canal	Irrig.	208.62	4	23	58	Scotts Bluff	March	15 1897	365
North Platte Riv.	Schermerhorn, A. D.	Omaha	Schermerhorn Canal	Irrig.	29.71	16	20	51	Cheyenne	Oct.	25 1897	418
North Platte Riv.	Frank, Wm.	Grand Island	Columbia Canal	Irrig.	600.	3	23	58	Scotts Bluff	April	14 1902	660
North Platte Riv.	Secretary of Interior	Wash., D. C.	Pathfinder	Irrig.		19	29	83	State of Wyoming	Sept.	19 1904	768
North Platte Riv.	Belmont L. C. & W. P. Co.	Bridgeport	Belmont Canal	Irrig.	115.71	18	20	51	Cheyenne	March	28 1907	862
North Platte Riv.	White, D. W.	Bridgeport	Empire Ext	Irrig.	1.	18	20	51	Cheyenne	July	20 1907	866
North Platte Riv.	Lisco, Reuben	Lisco	Lisco Ditch	Irrig.	3.	14	18	47	Garden	April	6 1910	991
North Platte Riv.	Halligan, J. J.	North Platte	Round House Rock Canal	Irrig.		4	21	54	Scotts Bluff	April	13 1910	*992
Spring creek trib to N. Platte	Frazier, John	N. Platte	Frazier Lake	Ice	4.	35	14	30	Lincoln	Sept.	6 1907	868
Borrow Pit, trib. to N. Platte	Keystone Irr. Co	Keystone	Spring Creek No. 1	Irrig.	1.09	19	15	37	Keith	May	27 1910	1002
Owl creek	Taylor, A. O.	Minatare	Borrow Pit Ditch	Irrig.	.29	19	21	52	Scotts Bluff	April	23 1904	751
Owl creek	Kellums, John H.	Caldwell	Sunflower Ditch	Irrig.	.79	12	22	58	Scotts Bluff	Sept.	17 1897	411
Owl creek	Kellums, John H.	Caldwell	Sunflower Ditch	Irrig.	1.14	12	22	58	Scotts Bluff	Oct.	10 1904	770
Owl creek	Kellums, John H.	Caldwell	Sunflower Ditch No. 2	Irrig.	2.86	12	22	58	Scotts Bluff	Nov.	29 1907	879
Pawnee creek	Kellums, John H.	Caldwell	Sunflower Ditch Ext.No.1	Irrig.	0.57	12	22	58	Scotts Bluff	Nov.	29 1907	881
Pawnee creek trib. to N. Platte	Holcombe, M. N.	Brady Island	Holcombe's Ditch	Irrig.	8.	13	13	28	Lincoln	Oct.	18 1890	636
Pawnee creek	Murphy, E. D.	Brady Island	Murphy's Ditch	Irrig.	8.57	29	13	27	Lincoln	June	9 1894	669
Pawnee creek	Plumer, Wm. H.	Maxwell	Plumer Ditch	Irrig.	10.	19	13	27	Lincoln	June	15 1894	672

REPORT OF SECRETARY

CLAIMS AND APPLICATIONS BY STREAMS IN DIVISION 1-A—(Continued).

Stream	Name of Claimant	Post-Office Address	Name of Ditch	Use to which applied	Second feet granted	Location of Headgate			Date of Priority		Docket No.	App. No.
						S	T	R	County	Month			D Yr.
Platte river	Gothenburg P. & I. Co.	Gothenburg	Gothenburg P. & I. C.	I.&P.	200.	29	12	26	Lincoln	July	5 1890	645a
Platte river	Farmers' D. & C. Co.	Brady Island	Farm. D. & C. Co. D.	Irrig.	230.	17	13	29	Lincoln	June	2 1894	666
Platte river	Farmers' Irr. Co.	Lexington	Farmers Irr. Co's. D.	Irrig.	114.	25	10	23	Dawson	June	14 1894	621
Platte river	Farm. & Mer. Irr. Co.	Lexington	Farmers & Merchants C.	Irrig.	1142.86	18	10	23	Dawson	June	26 1894	622
Platte river	Fowells, Russell H.	Maxwell	Maxwell Canal.	Irrig.	27.14	29	13	28	Lincoln	July	5 1894	673
Platte river	Appleford, Henry	Maxwell	Appleford Canal.	Irrig.	10.	15	13	29	Lincoln	July	7 1894	674
Platte river	Sides, Leroy	Lowell	Leroy Sides' Ditch	Irrig.	20.	13	8	14	Kearney	July	23 1894	629
Platte river	Farmers' Union D. Co.	Kearney	Farmers' Union Canal.	Irrig.	123.57	6	8	19	Dawson	Aug.	10 1894	623
Platte river	Platte R. Irr. Co.	Lexington	Platte R. I. Co. Canal.	Irrig.	400.	13	9	22	Dawson	Sept.	15 1894	624
Platte river	Gothenburg P. & I. Co.	Gothenburg	Gothenburg P. & I. C.	Irrig.	240.	29	12	26	Lincoln	Sept.	22 1894	645b
Platte river	Farmers' Mut. Irr. Co.	Kearney	Farmers' Canal.	Irrig.	180.	12	8	16	Buffalo	Sept.	24 1894	628
Platte river	McCullough, John	Maxwell	McCullough Ditch	Irrig.	30.	35	13	28	Lincoln	Oct.	20 1894	679
Platte river	Six Mile Ditch Co.	Gothenburg	Six Mile Ditch	Irrig.	40.	11	11	26	Lincoln	Oct.	22 1894	680
Platte river	Gothenburg South Side Irr. Co.	Gothenburg	Gothenburg S. S. Irr. Co.	Irrig.	357.14	30	12	26	Lincoln	Oct.	26 1894	681
Platte river	Booker, H. C.	Gothenburg	Booker Canal	Irrig.	100.	16	11	25	Dawson	Nov.	9 1894	625
Platte river	Cozad Irr. Co.	Cozad	Cozad Irr. Canal.	Irrig.	614.29	15	11	25	Dawson	Dec.	28 1894	626
Platte river	Orchard & Alfalfa Irr.	Cozad	Orchard & Al. Irr. D.	Irrig.	300.	9	10	24	Dawson	Jan.	23 1895	627
Platte river	Lincoln & Dawson County Irr. Dist. 1.	Gothenburg	Lincoln & Dawson Co. Irr. Dist Canal	Irrig.	642.86	9	13	29	Lincoln	Feb.	22 1895	687
Platte river	Appleford, Henry	Maxwell	Appleford Canal	Irrig.	2.86	15	13	29	Lincoln	March	28 1895	690
Platte river	Lex. So. Side Irr. Co.	Lexington	Lex. So Side Ditch	Irrig.	58.	8	9	22	Dawson	Sept.	28 1900	576
Platte river	Koenig, A. C.	Omaha		P'wer	1500.	26	17	7	Merrick	Sept.	28 1910	1023
Pumpkin Seed	Wright, John S.	Ashford	J. S. Wright Ditch No. 1	Irrig.	2.	5	19	54	Banner	Dec.	31 1882	904

CLAIMS AND APPLICATIONS BY STREAMS IN DIVISION 1-A—(Continued).

Stream	Name of Claimant	Post-Office Address	Name of Ditch	Use to which applied	Second feet granted	Location of Headgate				Date of Priority		Docket No.	App. No.
						S	T	R	County	Month	D Yr.		
Pumpkin Seed.....	Kelly, Wm. J.....	Ashford	Kelley Ditch.....	Irrig.	1.43	5	19	54	Banner	May	10 1886	915	.....
Pumpkin Seed.....	Heard, Henry L.....	Freeport	Heard's D's Nos. 1 & 2	Irrig.	1.29	14	19	54	Banner	June	1 1887	916	.....
Pumpkin Seed.....	Wright, John S.....	Ashford	J. S. Wright D. No. 2	Irrig.	2.86	5	19	54	Banner	Dec.	31 1887	905	.....
Pumpkin Seed.....	Logan, John E.....	Gering	Logan Ditch.....	Irrig.	4.	7	19	55	Banner	July	16 1890	902	.....
Pumpkin Seed.....	Court House Rock I. Co.	Midway	Court House I. Canal	Irrig.	30.50	30	19	50	Cheyenne	Oct.	6 1890	840	.....
Pumpkin Seed.....	Smith, Eliza, C., Wheeler, Chas. G.....	Sidney	Smith & Wheeler So. D.	Irrig.	1.57	26	19	51	Cheyenne	Oct.	16 1890	842	.....
Pumpkin Seed.....	Mutual Ditch Co.....	Redington	Mutual Ditch.....	Irrig.	8.57	33	19	52	Cheyenne	Nov.	1 1890	843	.....
Pumpkin Seed.....	Waitman, P. P.....	Redington	Waitman's Ditch.....	Irrig.	2.86	25	19	53	Banner	March	12 1891	847	.....
Pumpkin Seed.....	Endered, Chas. O., et al	Freeport	Endered Ditch.....	Irrig.	1.	21	19	53	Banner	May	27 1891	903	.....
Pumpkin Seed.....	Cary, L. B.....	LaPeer	Meredith & Amner Ditch	Irrig.	18.86	23	19	50	Cheyenne	Feb.	20 1893	876	.....
Pumpkin Seed.....	Hampton, R. R. and Wm. D.....	Harrisburg	Hampton Ditch.....	Irrig.	1.29	25	20	57	Banner	April	5 1893	906	.....
Pumpkin Seed.....	Finn, J. L., Dean, H. T.	LaPeer	Last Chance.....	Irrig.	8.	27	19	50	Cheyenne	April	12 1894	883	.....
Pumpkin Seed.....	Munn, Lee.....	Redington	Round House Rock D	Irrig.	3.	28	19	51	Cheyenne	May	29 1894	884	.....
Pumpkin Seed.....	Maxwell, Jos. J.....	Redington	J. J. Maxwell Irr. Ditch	Irrig.	.50	23	19	52	Cheyenne	June	30 1894	885	.....
Pumpkin Seed.....	Dunlap, J.P.....	Dwight	Dunlap Ditch.....	Irrig.	.36	24	19	51	Cheyenne	March	1 1895	889	.....
Pumpkin Seed.....	Willard, Wm. M.....	Midway	Wm. M. Willard D.....	Irrig.	1.43	25	19	51	Cheyenne	March	27 1895	888	.....
Pumpkin Seed.....	Thompson, R. S., et al	Redington	Birdeage Ditch.....	Irrig.	1.	19	19	51	Cheyenne	June	1 1895	892	.....
Pumpkin Seed.....	Smith, E. & Wheeler, Chas. G.....	Sidney	Smith & Wheeler North Ditch.....	Irrig.	.71	26	19	51	Cheyenne	June	1 1896	842	.....
Pumpkin Seed.....	Wisner, S. R., et al.....	Freeport	Abbott & Wisner Ditch	Irrig.	.....	23	19	53	Banner .....	.....	.....	*917	.....
Pumpkin Seed.....	Peters, John F.....	Harrisburg	Peters Ditch.....	Irrig.	.....	34	20	56	Banner .....	.....	.....	*913	.....
Pumpkin Seed.....	Egleston, T. C.....	Caldwell, Id.....	Airedale Canal No. 1	Irrig.	3.	2	19	55	Banner	Jan.	24 1903	.....	698
Pumpkin Seed.....	Egleston, T. C.....	Caldwell, Id.....	Airedale Canal No. 2	Irrig.	3.	1	19	55	Banner	Jan.	24 1903	.....	699
Pumpkin Seed.....	Scott, Ambrose E.....	Harrisburg	Reservoir Nos. 1, 2, 3,	Irrig.	9.43	7	19	55	Banner	June	24 1903	.....	711
Pumpkin Seed.....	Smith, T. H.....	Redington	Smith	Irrig.	.57	25	19	53	Cheyenne	Aug.	19 1903	.....	729

*Pending.

CLAIMS AND APPLICATIONS BY STREAMS IN DIVISION 1-A--(Continued).

Stream	Name of Claimant	Post-Office Address	Name of Ditch	Use to which applied	Second feet granted	Location of Headgate				Date of Priority		Docket No.	App. No.
						S	T	R	County	Month	D Yr.		
Pumpkin Seed.....	Johnson, Theo.....	Freeport		Irrig.	2.29	2	19	55	Banner	April	20 1906		819
Pumpkin Seed.....	Beatty, D. E.....	Harrisburg	Beatty Ditch	Irrig.	0.84	8	19	55	Banner	Sept.	1 1906		836
Pumpkin Seed.....	Swanger, R.....	Bridgeport	Swanger	I. & P	0.43	29	19	50	Cheyenne	Feb.	28 1907		851
Pumpkin Seed.....	Elter & Betebenner	Bridgeport	Pumpkin Creek Mills	P'wer	25.	23	19	50	Cheyenne	March	26 1907		855
Pumpkin Seed.....	Beaty, Daisy E.....	Harrisburg	Beaty Canal	Irrig.	.79	5	19	55	Banner	June	2 1910		1004
Sand creek.....	Holecomb, G. J., et al	Ogalalla	Holecomb & Smith	Irrig.	7.	10	15	40	Keith	May	20 1889	698	
Sand creek.....	Patrick, Herman A.....	Ogalalla	Patrick Ditch	Irrig.	2.43	3	15	40	Keith	May	31 1891	725	
Sand creek.....	Nissen, P.....	Ogalalla	Nissen Ditch	Irrig.	3.07	10	15	40	Keith	March	18 1901		606
Sand creek.....	Maddox, P. P.....												
	Sillasen, S. J.....	Keystone	Sand Creek Ditch	Irrig.	5.70	9	14	36	Keith	Jan.	3 1910		974
Seepage from lake	Huffman, M. J.....	Gering	Huffman's Ditch	Irrig.	6.43	26	21	51	Scotts Bluff	March	19 1909		937
Schuetz Spring.....	Schuetz, Louis.....	LaPeer	Schuetz Spring Canal	Irrig.	.21	28	18	50	Cheyenne	May	10 1892	831	
Sheep creek.....	Nichols, Yorick.....	Pratt, Wyo...	Little Moon	Irrig.	1.	10	24	58	Sioux	March	23 1904		745
Sheep creek.....	Covert, Pitt.....	Cheyenna											
		Wyoming	Nebraska Res.	Irrig.	3.57	36	27	58	Sioux	May	18 1907		859
Sheep creek.....	West Fork Ditch Co.	Empire	West Fork Ditch	Irrig.	2.	24	35	53	Sioux	Sept.	21 1907		871
Sheep creek.....	Cunningham, H. B.....	Empire	Lower Canal	Irrig.	0.37	11	25	58	Sioux	Nov.	2 1907		875
Sheep creek.....	Cunningham, H. B.....	Empire	Home Ranch Ditch	Irrig.	1.79	25	26	58	Sioux	Nov.	2 1907		876
Sheep creek.....	Cunningham, H. B.....	Empire	Horse Pasture Res.	Irrig.	1.29	25	26	58	Sioux	Nov.	2 1907		877
Sheep creek.....	Cunningham, H. B.....	Empire	Horse Camp Res.	Irrig.	2.86	36	27	58	Sioux	Jan.	20 1908		885
Sheep creek.....	Cunningham, H. B.....	Empire	No. Two	Irrig.	2.50	2	25	58	Sioux	Feb.	24 1908		890
Draw, Trib to													
Sheep creek.....	Hovey, Ethel A.....	Empire	Favorable	Irrig.	0.29	19	26	5	Sioux	Oct.	25 1907		873

STATE BOARD OF IRRIGATION

CLAIMS AND APPLICATIONS BY STREAMS IN DIVISION 1-A—(Continued).

Stream	Name of Claimant	Post-Office Address	Name of Ditch	Use to which applied	Second feet granted	Location of Headgate				Date of Priority		Docket No.	App. No.
						S	T	R	County	Month	D Yr.		
Skunk creek	Miller, Adam	Keystone	Miller Ditch	Irrig.	2.29	1	14	37	Keith	April	1 1895	740	
Skunk creek	Maddox, P. P.	Keystone	Skunk Creek Ditch	Irrig.	5.	0	14	36	Keith	Nov.	5 1909		968
Snake creek	Oasis Ditch Co.	Alliance	Oosis Ditch	Irrig.	54.86	6	24	51	Box Butte	June	6 1894	597	
Snake creek	Elmore, Mike	Alliance	Elmore Canal	Irrig.	5.71	30	25	51	Box Butte	June	22 1895		41
South Platte Riv.	Eaton, John J.	Brule	Eaton & McGrath Ditch	Irrig.	20.	25	13	41	Keith	April	3 1894	755	
South Platte Riv.	Hollingsworth & Sons	Ogalalla	Hollingsworth Ditch	Irrig.	30.	12	13	39	Keith	June	5 1894	723	
South Platte Riv.	Stebbins, Lucien	N. Platte	Stebbins Canal	Irrig.	30.	34	14	32	Lincoln	Dec.	17 1894	683	
South Platte Riv.	Searle, E. M.	Ogalalla	Riverside	Irrig.	2.86	17	13	39	Keith	Dec.	22 1894	744	
South Platte Riv.	Miller, F. L.	Big Springs	Miller & Warren	Irrig.	53.86	7	12	42	Deuel	Jan.	5 1895	805	
South Platte Riv.	Ryan, J. T.	Brule	Home Irr. Ditch	Irrig.	3.14	30	13	40	Keith	March	2 1895	736	
South Platte Riv.	Shireman, W. H.	Ogalalla	So Side Plano Ditch	Irrig.	1.43	17	13	39	Keith	April	27 1895	733	
South Platte Riv.	Kimball, W., et al.	Big Springs	Big Springs Canal	Irrig.	8.93	35	13	42	Deuel	April	27 1895	810	
South Platte Riv.	Stafford, David	Big Springs	Paxton Southern Ditch	Irrig.	1.43	2	13	36	Deuel	Oct.	17 1895		184
South Platte Riv.	Lute & Sheridan	Ogalalla	Lute & Sheridan Ditch	Irrig.	13.43	5	13	37	Deuel	Feb.	17 1896		231
South Platte Riv.	Meyer, Henry	Brule	Meyer Canal	Irrig.	1.46	22	13	40	Deuel	April	14 1896		283
South Platte Riv.	Camaban, H., Reed, O.	Brule	Cereal Irr. Ditch	Irrig.	4.86	16	13	36	Deuel	July	10 1896		357
South Platte Riv.	Allen, Wm. F.	Omaha	Allen Ditch	Irrig.	9.	24	13	40	Keith	Dec.	15 1896		370
South Platte Riv.	Western Irrig. District	Big Springs	Western Irrigation	Irrig.	18.00	14	12	43	Deuel	June	14 1897		393
South Platte Riv.	Leech, E. E. et al.	Big Springs	Kimball's Und'rl'w	Irrig.	3.57	4	12	42	Deuel	Nov.	8 1898		482
Spotted Tail Ck.	Stewart, H. G.	Mitchell		Irrig.	1.	10	23	56	Scotts Bluff	May	2 1898		440
Spotted Tail Ck.	Stewart, H. G.	Mitchell	Stewart Res.	Irrig.	1.43	2	23	56	Scotts Bluff	March	2 1904		743
Spring creek	Freiday, Florian F.	Lexington	Freiday Canal	Irrig.		20	9	20	Dawson	Nov.	25 1910		1040*
Spring Branch	Brogan Bros.	Paxton	Brogan Bros. D.	Irrig.	.57	35	15	37	Keith	Sept.	24 1897		410

*Pending.

CLAIMS AND APPLICATIONS BY STREAMS IN DIVISION 1-A—(Continued).

Stream	Name of Claimant	Post-Office Address	Name of Ditch	Use to which applied	Second feet granted	Location of Headgate		Date of Priority		Docket No.	App. No.
						S	T R	County	Month			D Yr.
Spring Br., trib. to Lawr. Fork	Harper, J. W.	Sidney	Harper Ditch No. 2	Irrig.	2.	1	18 52	Cheyenne	June 16 1902	674	
Spring creek	Holcomb, G.F.	Ogalalla	Spring Creek Ditch	Irrig.	.57	12	15 40	Keith	June 18 1894	724	
Spring Ck., trib. to White Tail	Holloway, D. P.	Keystone	Spring Creek Ditch	Irrig.	1.57	19	15 37	Keith	June 21 1890	704	
Spring Ck. Lit.	Ware Costin Cattle Co.	Omaha	Little Spring Ditch	Irrig.	.57	29	15 37	Keith	April 1 1902	659	
Springs, trib to Middle creek	Bartling, Henry	Sidney	Bartling Ditch	Irrig.	.29	28	18 51	Cheyenne	July 31 1891	870	
Springs, trib. to Middle creek	Bartling, Henry	Sidney	Bartling Ditch No. 2	Irrig.	.29	28	18 51	Cheyenne	June 1 1894	891	
Sprs. on Sec. 28-18-49	Finn Brothers	LaPeer	Finn Bros.' Ditch	Irrig.	.50	28	18 49	Cheyenne	July 1 1890	836	
Strm. (no name)	Newberry, H.	N. Platte	Newberry Ditch	Irrig.	1.14	22	14 32	Lincoln	Feb. 25 1895	688	
Willow creek	Everett, R. L.	Harrisburg	Willow Springs Ditch 1	Irrig.	.57	16	19 56	Banner	Jan. 21 1902	650	
Willow creek	Everett, R. L.	Harrisburg	Willow Springs Ditch 2	Irrig.	.86	16	19 56	Banner	Jan. 21 1902	651	
White Horse creek	Lamplough, Isaac	N. Platte	Lamplough's Lakes	Irrig.	2.86	8	14 30	Lincoln	Dec. 31 1883	658	
White Tail creek	McCarthy, John M.	Keystone	J. M. McCarthy	Irrig.	1.	36	15 38	Keith	July 15 1890	749	
White Tail creek	Holloway, D. P., et al.	Ogalalla	Halloway & Phelps Ditch	Irrig.	4.	36	15 38	Keith	June 1 1893	717	
White Tail creek	Leonard Brothers	Keystone	Little Dandy	Irrig.	2.	22	15 38	Keith	Oct. 12 1894	727	
White Tail creek	Foster, Frank	Keystone	Poster Keystone Canal	Irrig.	13.86	36	15 38	Keith	Oct. 30 1894	730	

STATE BOARD OF IRRIGATION

CLAIMS AND APPLICATIONS BY STREAMS IN DIVISION 1-A—(Concluded).

Stream	Name of Claimant	Post-Office Address	Name of Ditch	Use to which applied	Second feet granted	Location of Headgate			Date of Priority		Docket No.	App. No.	
						S	T	R	County	Month			D Yr.
White Tail creek.	Reed, Fred.....	Keystone	Reed Ditch.....	Irrig.	.57	15	15	38	Keith	May	1 1895	751	.....
White Tail creek.	Bower, John H.....	Ogalalla		Irrig.	2.86	36	15	38	Keith	Oct.	29 1897		420
White Tail creek.	Ware Costin Cattle Co.	Keystone	Keystone Canal.....	Irrig.	45.70	26	15	38	Keith	April	2 1901		62b
White Tail creek.	Paxton, W. A., Jr.....	Omaha	Keystone Ditch.....	Irrig.	4.29	26	15	38	Keith	Nov.	30 1906		843
White Tail creek.	Keystone Irrig. Co.....	Omaha	West Keystone	Irrig.	1.75	26	15	38	Keith	May	27 1910		1001
White Tail creek.	Keystone Irr. Co.....	Keystone	Keystone	Irrig.	9.	27	15	38	Keith	May	27 1910		1003
Wind Springs.....	Maycock, John.....	Gering	Wind Springs Canal.....	Irrig.	1.43	12	24	55	Sioux	March	1 1892	954	.....
Wind Springs.....	Smith, Jas S.....	Mitchell.....	Smith's Ditch.....	Irrig.	2.28	12	24	55	Sioux	March	14 1910		986
Winters creek.....	Bouton, Chas. A.....	Gering	Bouton's Ditch.....	Irrig.	41.	3	22	54	Scotts Bluff.....	Aug.	17 1890	923	.....
Wood river.....	Davis, J. H. & Sons.....	Gibbon		P'wer	40.	13	9	14	Buffalo	Nov.	1 1873	993	.....
Wood river.....	Shelton Mill & G. Co.	Shelton		P'wer	40.	1	9	13	Buffalo	Oct.	16 1873	994	.....
Wood river.....	Bears, S.....	Kearney		P'wer	25.40	13	9	16	Buffalo	May	1 1881	995	.....
Wood river.....	Klein, J. J.....	Kearney	White Bridge Park.....	Irrig.	.03	8	9	15	Buffalo	March	14 1900		545a
Wood river.....	Klein, J. J.....	Kearney	White Bridge Park.....	P'wer	10.	5	9	15	Buffalo	March	14 1900		545b
Wood river.....	Jacobson, C. A.....	Riverdale	C. A. Jacobson Canal.....	Irrig.		31	19	16	Buffalo	Nov.	10 1910		1038

CLAIMS AND APPLICATIONS BY STREAMS IN DIVISION 1-B.

Stream	Name of Claimant	Post-Office Address	Name of Ditch	Use to which applied	Second feet granted	Location of Headgate			Date of Priority		Docket No.	App. No.
						S	T	R	County	Month			D Yr.
Arickaree river.....	Jenkins, Chas. T.....	Haigler	Haigier Reservoir & Irr. Co.....	Irrig.	171	15	18	42	State of Colo.	Jan.	21 1910	979
Big Cottonwood..	Hansberry, Jon. T.....	Bloomington ..	Bloomington Ditch.....	Irrig.	.50	25	2	16	Franklin	Dec.	31 1881	185
Big Cottonwood..	Hansberry, Jon. T.....	Bloomington ..	Bloomington Mill R.....	P'wer	25	2	16	Franklin	Dec.	31 1881	185	
Big Cottonwood..	Zulauf, Chas. E.....	Ravenna	Bloomington Mill R.....	P'wer	7.06	25	2	16	Franklin	Nov.	23 1898	483
Buffalo creek.....	Allen, N. J., Sr., et al	Haigler	Allen & Iarned Ditch.....	Irrig.	6.	18	1	41	Dundy	Oct.	16 1890	117
Buffalo creek.....	Porter, J. E. & Sons.....	Haigler	Porter & Sons' Ditch.....	Irrig.	2.86	1	1	41	Dundy	Nov.	26 1890	171
Buffalo creek.....	Jenkins Land & Live Stock Co.....	Haigler	Jenkins Land & Live Stock Co.'s Ditch No. 1	Irrig.	4.29	18	1	40	Dundy	Dec.	12 1908	924
Center creek.....	Gregory, A. B. & P. C.	Franklin	Gregory Ditch.....	Irrig.	4.	1	1	15	Franklin	Aug.	11 1894	182
Center creek.....	Rose,, C. H.....	Franklin	Rose Ditch.....	Irrig.	.29	36	2	15	Franklin	Jan.	10 1902	648
Coates creek.....	Burton, R. D.....	Franklin		Irrig.	.37	33	2	14	Franklin	March	6 1899	501
Cook creek.....	Sharpnac, W. A.....	Alma	Sharpnac Ditch.....	Irrig.	1.	4	1	18	Harlan	Feb.	21 1896	251
Crooked creek.....	Kaley, C. H.....	Red Cloud	Fish Pond.....	Fish	1.	1	1	11	Webster	May	7 1902	665
Frenchman river..	Fisher, Polly & Co.....	Wauneta	Wauneta Mills.....	P'wer	35.0	11	5	36	Chase	July	31 1886	178
Frenchman river..	James, R. P.....	Champion	Champion Mills.....	P'wer	28.3	21	6	39	Chase	Dec.	31 1887	179
Frenchman river..	McGillen, W. J.....	Imperial	Aberdeen Ditch.....	Irrig.	2.	3	5	38	Chase	July	1 1888	50
Frenchman river..	McGillen, W. J.....	Imperial	Harlem Ditch.....	Irrig.	2.	1	5	38	Chase	July	1 1888	56
Frenchman river..	Culbertson Irr. & Water and Stinking Water creek.....	Culbertson	Culbertson Irr. & Water Power Canal.....	Irrig.	215.	31	5	33	Hayes	May	16 1890	24 25 29 30

STATE BOARD OF IRRIGATION

CLAIMS AND APPLICATIONS BY STREAMS IN DIVISION 1-B—(Continued).

Stream	Name of Claimant	Post-Office Address	Name of Ditch	Use to which applied	Second feet granted	Location of Headgate				Date of Priority		Docket No.	App. No.
						S	T	R	County	Month	D Yr.		
Frenchman river.	Chase Co. L. & L. S. Co.	Champion	Champion Water Power and Irr. Ditch	Irrig.	64.86	23	6	40	Chase	Dec.	23 1890	47	
Frenchman river.	McGillen, W. J.	Imperial	Aberdeen Ditch	Irrig.	.50	3	5	38	Chase	Feb.	2 1891	50	
Frenchman river.	Farmers Canal Co.	Culbertson	Farmers' Canal	Irrig.	10.	11	3	32	Hitchcock	Dec.	19 1893	10	
Frenchman river.	Fuller, C. D.	Imperial	Fuller Ditch	Irrig.	25.	4	5	36	Chase	June	12 1894	62	
Frenchman river.	River Side Canal & Irrigation Co.	Culbertson	Riverside Canal	Irrig.	12.	33	4	32	Hitchcock	July	28 1894	18	
Frenchman river.	Dissmore, Geo. A.	Des Moines	Frenchman Val. Canal	Irrig.	10.	32	5	33	Hayes	Aug.	23 1894	38	
Frenchman river.	Gould, Wilson S.	Omaha	Gould or Harlem Ditch	Irrig.	2.	1	5	38	Chase	Oct.	9 1894	67	
Frenchman river.	Grant, Allen	Imperial	Grant or Aberdeen Ditch	Irrig.	2.	3	5	38	Chase	Oct.	16 1894	68	
													70
Frenchman river.	Maranville, E., et al.	Lamar	Maranville Ditch	Irrig.	6.	12	6	41	Chase	Dec.	8 1894	41	
Frenchman river.	Wise, J. S.	Hudson	Wise Ditch	Irrig.	2.	15	5	35	Hayes	Dec.	28 1894	42	
Frenchman river.	Gurnsey, D. & Co.	Wauneta	N. Side Gurnsey Ditch	Irrig.	5.	3	5	37	Chase	Jan.	14 1895	74	
Frenchman river.	Gurnsey, D. & Co.	Wauneta	S. Side Gurnsey Ditch	Irrig.	24.	10	5	37	Chase	Jan.	14 1895	75	
Frenchman river.	Inman, N.	Champion	Inman Ditch	Irrig.	1.50	17	6	40	Chase	Feb.	28 1895	79	
Frenchman river.	Daschosifsky, G.	Lamar	Lamar Rolling Mill	P'wer	30.	18	1	40	Chase	Sept.	30 1887	1013	
Frenchman river.	North Side Irr. Ditch Co.	Champion	North Side Irr. Ditch	Irrig.	.79	21	6	39	Chase	Feb.	26 1896		246
Frenchman river.	Shallenberger, P. H.	Imperial	Shallenberger Canal	Irrig.	1.77	25	6	39	Chase	Dec.	21 1897		423
Frenchman river.	Inman Ditch & Irr. Co.	Imperial	Inman Ditch	Irrig.	6.43	17	6	40	Chase	Feb.	10 1898		436
Frenchman river.	Hoke, J. A.	Champion	Creamery	P'wer	34.40	21	6	39	Chase	Dec.	12 1900		591
Frenchman river.	Follett & Krotter	Palisade	Follett & Krotter	Irrig.	4.29	35	5	34	Hayes	April	30 1903		705
Frenchman river.	Follett & Krotter	Palisade	Krotter Power Pl.	Irrig.	19.	35	5	34	Hayes	May	12 1903		708
Frenchman river.	Dissmore, Geo A.	Des Moines	Goker Ditch Extension	Irrig.	20.	8	4	33	Hitchcock	July	6 1903		714
Frenchman river.	Follett & Krotter	Palisade	Follett & Krotter	Irrig.	2.57	35	5	34	Hayes	Aug.	11 1903		720
Frenchman river.	Follett & Krotter	Palisade	Krotter Power Pl.	P'wer	12.	35	5	34	Hayes	April	5 1904		748
Frenchman creek.	Hagerman, William	Hamlet		Irrig.	.86	19	3	34	Hayes	March	11 1909		935

CLAIMS AND APPLICATIONS BY STREAMS IN DIVISION 1-B—(Continued).

Stream	Name of Claimant	Post-Office Address	Name of Ditch	Use to which applied	Second feet granted	Location of Headgate				Date of Priority		Docket No.	APP. No.
						S	T	R	County	Month	D Yr.		
Frenchman creek.	Krotter, F. C.	Palisade	Follett & Krotter Ditch.	Irrig.	10.46	35	5	34	Hitchcock	Jan.	15 1910	975	
Frenchman creek.	Krotter, F. C.	Palisade	Krotter Power Plant.	P'wer	55.	35	55	34	Hitchcock	Aug.	17 1910	1021	
Horse creek	Nesbit, J. M., et al.	Parks	Horse Creek Ditch.	Irrig.	1.86	23	1	39	Dundy	Aug.	31 1885	159 173	
Spring trib. to Horse creek	Pringle, Esther L.	Parks	Pringle Ditch.	Irrig.	.57	11	1	39	Dundy	Jan.	12 1894	364	
Spring trib. to Horse creek	Pringle, Geo. N.	Benkelman	Pringle Ditch.	Irrig.	1.57	14	1	39	Dundy	May	11 1906	824	
Indian creek	Thompson & Van Sickle	Benkelman	Thompson & Van Sickle	Irrig.	.93	8	2	37	Dundy	June	20 1895	237	
Indian creek	Kimsey, J. W., C. C.	Benkelman	Kimsey Ditch.	Irrig.	.31	10	2	37	Dundy	June	20 1895	261	
Indian creek	Wilson, Ed.	Stratton	Wilson Ditch.	Irrig.	1.43	23	2	36	Dundy	June	22 1895	268	
Indian creek	Chamberlain, J. C.	Max	Chamberlain Ditch.	I.-d'h	.06	18	2	36	Dundy	Oct.	4 1895	240	
Medicine creek	Cambridge Milling Co.	Cambridge		P'wer	68.	29	4	25	Furnas	Dec.	31 1878	92 93	
Medicine creek	Sanders, John L.	Stockville	Sanders Irr. Plant.	Irrig.	1.43	27	7	27	Frontier	Feb.	8 1895	83	
Medicine creek	Hagodorn, A. D.	Curtis	Curtis Lake	W. S. & P.		32	8	28	Frontier			*364	
Medicine creek	Maywood Milling Co.	Maywood	Maywood Milling Co.	P'wer	11.88	16	8	29	Frontier	May	4 1907	858	
Red Willow creek	Moore, Wm. H.	Indianola	Red Willow Mill.	P'wer		16	3	28	Red Willow	Jan.	1 1886	181	
Red Willow creek	Holland, L. J.	Indianola	L. J. Holland Ditch.	Irrig.	35.	16	3	28	Red Willow	Jan.	23 1891	95	
Red Willow creek	Helm, John F.	Red Willow		Irrig.	2.	17	3	28	Red Willow	Feb.	18 1895	111	
Red Willow creek	Clark, A. R.	Indianola	Red Willow Val. M.	Irrig.	14.29	31	4	28	Red Willow	Feb.	27 1905	781	
Red Willow Lake	Cooper, James	Wallace		Irrig.	2.	36	9	33	Lincoln	Dec.	20 1893	647	

*Pending.

STATE BOARD OF IRRIGATION

CLAIMS AND APPLICATIONS BY STREAMS IN DIVISION 1-B—(Continued).

Stream	Name of Claimant	Post-Office Address	Name of Ditch	Use to which applied	Second feet granted	Location of Headgate			Date of Priority		Docket No.	App. No.
						S	T	County	Month	D Yr.		
Republican river	Carson, Andrew	McCook	Carson Ditch No. 1	Irrig.	1.43	27	3	30	Red Willow	July	1 1888	103
Republican river	Brown, W. A.	Haigler	Sand Point Ditch Co.	Irrig.	11.	11	1	42	Dundy	Sept.	25 1890	115
Republican river	Trites, W. H., et al.	Culbertson	Trites-Davenport Canal	Irrig.	7.	20	3	31	Hitchcock	Dec.	18 1890	3
Republican river	McCook I. & W. P. Co.	McCook	Meeker Canal	Irrig.	143.	15	3	31	Hitchcock	Dec.	22 1890	4, 9 8, 7
Republican river	Trenton Farmers' Irrigation Association	Trenton	Trenton Farmers' I. D.	Irrig.	32.	10	2	34	Hitchcock	Dec.	24 1890	5
Republican river	Carson, Andrew	McCook	Carson Ditch No. 2	Irrig.	18.	27	3	30	Red Willow	May	5 1891	102
Republican river	Cambridge & Araphoe Irr. & Imp. Co.	Arapahoe	C. & A. I. & I. Co. D.	Irrig.	176.	28	4	25	Furnas	Aug.	26 1894	89
Republican river	Republican River Irr. Co.	Benkelman	Republican Riv. I. Co. D	Irrig.	30.	29	1	38	Dundy	May	2 1892	147
Republican river	Larned, W. H., et al.	Haigler	White & Larned Co.	Irrig.	3.	22	1	40	Dundy	April	29 1893	148 150
Republican river	Marr, Lorenzo	Culbertson	Marr Ditch	Irrig.	4.29	16	3	31	Hitchcock	Jan.	22 1894	11
Republican river	Anderson, Anders	Benkelman	Anders Anderson Ditch	Irrig.	2.	1	1	37	Dundy	Jan.	26 1894	151
Republican river	Groesbeck & Cannon	Max	Groesbeck Ditch	Irrig.	10.	10	1	37	Dundy	March	27 1894	153
Republican river	Thomas, A. J.	Haigler	Thomas Ditch	Irrig.	2.	24	1	40	Dundy	June	5 1894	154
Republican river	Ballard, Henry L.	Oxford	Ballard Ditch	Irrig.	8.	8	3	21	Furnas	June	9 1894	91
Republican river	Byfield, William	McCook	Byfield Ditch	Irrig.	12.	23	3	29	Red Willow	June	11 1894	108
Republican river	Wilcox, F. S.	McCook	Wilcox Ditch	Irrig.	4.50	32	3	29	Red Willow	Oct.	4 1894	109
Republican river	Delaware-Hickman Ditch Co.	Benkelman	Delaware-Hickman Ditch	Irrig.	20.	17	1	37	Dundy	Jan.	7 1895	157
Republican river	Allen, E. M., et al.	Arapahoe	Allen Irr. Ditch	Irrig.	14.	2	3	26	Red Willow	Jan.	26 1895	110
Republican river	Spooner, J. A.	Parks	Private Ditch	Irrig.	1.	25	1	40	Dundy	Oct.	7 1897	413
Republican river	Lee, Wm	McCook	Harmon Ice Pond Ditch	Ice	10.	32	3	29	Red Willow	Jan.	22 1900	535
Republican river	Walsh, Patrick	McCook	P. Walsh Canal	Irrig.	11.	35	3	30	Red Willow	Jan.	31 1900	537
Republican river	Dundy County Irr. Co.	Benkelman	Dundy County Ditch	Irrig.	45.	24	1	39	Dundy	Nov.	22 1890	118

CLAIMS AND APPLICATIONS BY STREAMS IN DIVISION 1-B--(Continued).

Stream	Name of Claimant	Post-Office Address	Name of Ditch	Use to which applied	Second feet granted	Location of Headgate			Date of Priority		Docket No.	App. No.
						S	T	R	County	Month			D Yr.
Republican river	Neighbor, E. G.	Benkelman	Neighbor Ditch	Irrig.	2.86	24	1	39	Dundy	March	18 1891	133
Republican river	Republican Riv. Irr. Co.	Benkelman	Republican River Irr. Canal	Irrig.	20.	29	1	38	Dundy	Aug.	22 1900	577
Republican river	Eller, T. A., et al	Trenton	Campbell Canal	Irrig.	9.14	9	2	34	Hitchcock	July	13 1906	828
Republican river	Arapahoe Municipal Light & Power Co.	Arapahoe	Arapahoe Municipal Light & Power Co.	P'wer	150.	27	4	23	Furnas	June	1 1909	949
Republican river	Holmes, H. R. and Dickson, W. H.	Denver, Colo.	Haigler Reservoir No. 2	Irrig.	26530 a ft. 24	27	1	41	Dundy	April	29 1910	997
Repub. riv. S. Fk	Karr, J. W.	Benkelman	Karr's Ditch	Irrig.	2.	20	1	37	Dundy	July	28 1894	155
Repub. riv. S. Fk	Riverside Ditch Co.	Benkelman	Riverside Ditch	Irrig.	13.	29	1	37	Dundy	Aug.	5 1894	156
Repub. riv. S. Fk	McDonald, J. A.	Benkelman	McDonald Ditch	Irrig.	.79	36	1	38	Dundy	Nov.	13 1901	644
Rock creek	Highland, E. F., et al.	Denver, Colo.	Phelan Ditch	Irrig.	4.29	17	1	39	Dundy	Dec.	31 1883	138
Rock creek	Owens, J. S., et al.	Parks	Owens' Ditch	Irrig.	.36	31	2	39	Dundy	June	20 1895	265
Rock creek	Campbell, R. R.	Parks	Rock Creek Ditch Co.	Irrig.	.33	13	2	40	Dundy	Dec.	18 1899	526
Sappa creek	Zulauf, Geo. W.	Stamford	Stamford Mills	P'wer		21	2	20	Harlan			*997
Spring creek	Callihan, Oscar	Benkelman	Benkelman Ditch	Irrig.	1.29	19	1	37	Dundy	Dec.	31 1896	373
Stinking Water ck	Chase Co. Land & Live Stock Co.	Beatrice	Chase Co. L. & L. S.	Irrig.	2.86	10	7	38	Chase	March	10 1894	67
Stinking Water ck	McLain, Frank	Imperial	McLain Ditch	Irrig.	2.50	28	7	37	Chase	Sept.	24 1894	55
Stinking Water ck	Chase Co. L. & L. S. Co	Beatrice	Chase Co. L. & L. S. Co., Ditch 7	Irrig.	4.57	36	7	37	Chase	Dec.	21 1894	72 175
Stinking Water ck	Chase Co. L. & L. S. Co	Beatrice	Chase Co. L. & L. S. Co., Ditch 6	Irrig.	2.	13	7	38	Chase	Jan.	28 1895	76

STATE BOARD OF IRRIGATION

CLAIMS AND APPLICATIONS BY STREAMS IN DIVISION 1-B—(Concluded.)

Stream	Name of Claimant	Post-Office Address	Name of Ditch	Use to which applied	Second feet granted	Location of Headgate			Date of Priority		Docket No.	App. No.	
						S	T	R	County	Month			D Yr.
Stinking Water ck	Chase Co. L. & L. S. Co	Beatrice	Chase Co. L. & L. S. Co., Ditch 5.....	Irrig.	1.50	14	7	38	Chase	Jan.	29 1895	77	.....
Stinking Water ck	Chase Co. L. & L. S. Co	Beatrice	Chase Co. L. & L. S. Co., Ditch 3.....	Irrig.	1.71	14	7	38	Chase	Jan.	29 1895	78	.....
Stinking Water ck	Chase Co. L. & L. S. Co	Beatrice	Chase Co. L. & L. S. Co., Ditch 4.....	Irrig.	.91	14	7	38	Chase	June	27 1895	56	.....
Stinking Water	Kilpatrick Bros.....	Beatrice	Chase Co. L. & L. S. Co., Ditch 1.....	Irrig.	.70	4	7	38	Chase	June	27 1895	57	.....
Stinking Water	Troutman, A. C.....	Palisade	E. L. Light & Power Co.	P'wer	30.	30	5	33	Hayes	June	30 1908	907	.....
Stinking Water	Brown, Jamot.....	Canon City, Colo.	Culbertson-McCook Canal	Irrig.	.....	31	5	33	Hayes	Oct.	28 1910	183*	.....
Turkey creek.....	Wilt & Polly.....	Naponee .....	.....	P'wer	.....	41	1	16	Franklin .....	.....	.....	.....	.....

*Pending.

CLAIMS AND APPLICATIONS BY STREAMS IN DIVISION 1-C.

Stream	Name of Claimant	Post-Office Address	Name of Ditch	Use to which applied	Second feet granted	Location of Headgate			Date of Priority		Docket No.	App. No.
						S	T	R	County	Month			D Yr.
Little Blue.....	Myers & Seidenburg.....	Oak	Oak Mill-Race.....	P'wer.....	16	3	5	Nuckolls			*991	
				*Pending.								

CLAIMS AND APPLICATIONS BY STREAMS IN DIVISION 1-D.

Stream	Name of Claimant	Post-Office Address	Name of Ditch	Use to which applied	Second feet granted	Location of Headgate			Date of Priority		Docket No.	App. No.
						S	T	R	County	Month			D Yr.
Bear creek.....	Wolfe, J. V.....	Lincoln	Wat. Wks. Institute for Feeble-Minded	D&Ir	1. 36	4	Q	Gage	May	20 1898	455	
Beaver creek.....	Wright, G. D.....	York		P'wer	40. 7	10	2w	York	Nov.	1 1878	963	
Blue R. W. Fk.....	Kersenbrock, J. H.....	Columbus	J. Kersenbrock Irr. P	Irrig.	7.14	32	9	3 Seward	Dec.	20 1895	211	
Blue R. W. Fk.....	Kersenbrock, J. H.....	Columbus	Kersenbrock Power Plant	P'wer	105. 32	9	3 Seward	Dec.	20 1895	214		
Blue River, Big.....	Freshman, Morris.....											
	Miller, Henry.....	Beatrice		P'wer	500.00	13	4	2 Gage	Jan.	19 1910	977	
Blue River, Big.....	Boyes, Burdette.....	Seward		P'wer	200.00	19	9	4e Seward	July	8 1910	1006	
Blue River, Big.....	Steinmeyer, George.....	Holmesville		P'wer	500.00	12	3	6e Gage	Oct.	14 1910	1030	
Blue River, Big.....	Ashton, Edmund J.....	Lincoln		Irrig.	500.00	4	8	8e Saline	Oct.	31 1910	1035	
Turkey creek.....	Lane, J. K.....	Pleasant Hill.....		P'wer		4	7	3e Saline			*990	
Turkey creek.....	Lane, J. K.....	Pleasant Hill.....	Lane's Model Ditch.....	Irrig.	1.21	4	7	3e Saline	July	16 1895	81	

*Pending.

CLAIMS AND APPLICATIONS BY STREAMS IN DIVISION 1-E.

Stream	Name of Claimant	Post-Office Address	Name of Ditch	Use to which applied	Second feet granted	Location of Headgate				Date of Priority		Docket No.	App. No.	
						S	T	R	County	Month	D Yr.			
Lodge Pole.....	Bickel, L. W.....	Kimball	Bay State Ditch.....	Irrig.	1.50	29	15	55	Kimball	Dec.	31	1876	347	.....
Lodge Pole.....	Adams & Tobin.....	Sidney	Adams & Tobin Ditch.....	Irrig.	1.14	35	14	50	Cheyenne	Oct.	1	1878	368	.....
Lodge Pole.....	Gunderson, A.....	Potter	Gunderson Ditch.....	Irrig.	1.43	1	14	52	Cheyenne	June	1	1879	305	.....
Lodge Pole.....	Runge, G.....	Sidney	Runge Ditch No. 1.....	Irrig.	1.71	20	14	50	Cheyenne	April	15	1880	339	.....
Lodge Pole.....	Runge, G.....	Sidney	Runge Ditch No. 2.....	Irrig.	0.50	20	14	50	Cheyenne	April	15	1882	338	.....
Lodge Pole.....	Anderson, John.....	Sidney	Anderson Ditch No. 1.....	Irrig.	2.50	8	14	51	Cheyenne	June	30	1882	373	.....
Lodge Pole.....	Bennett Live Stock Co.....	Kimball	Circle Arrow Ditch.....	Irrig.	3.71	30	15	54	Kimball	July	1	1882	346	.....
Lodge Pole.....	Pomeroy, E. V. S., et al.....	Sidney	Urbach Ditch.....	Irrig.	0.86	14	14	51	Cheyenne	Sept.	1	1882	303	.....
Lodge Pole.....	DeGraw, Geo.....	Sidney	Hale Ditch No. 3.....	Irrig.	0.57	36	14	49	Cheyenne	April	30	1883	320	.....
Lodge Pole.....	DeGraw, Geo.....	Sidney	Hale Ditch No. 4.....	Irrig.	0.71	36	14	49	Cheyenne	April	30	1883	321	.....
Lodge Pole.....	Hale, I. H.....	Sidney	Hale Ditch No. 5.....	Irrig.	0.57	36	14	49	Cheyenne	April	30	1883	322	.....
Lodge Pole.....	Whitney, W. T.....	Seattle W.....	Whitney Ditch.....	Irrig.	2.29	31	14	48	Cheyenne	May	1	1883	317	.....
Lodge Pole.....	Booth, Firth.....	Lodge Pole.....	Booth Canal.....	Irrig.	4.29	29	14	47	Cheyenne	May	31	1883	309	.....
Lodge Pole.....	McAuliffe, F.....	Chappell	McAuliffe Ditch.....	Irrig.	2.29	21	13	45	Deuel	Dec.	31	1884	814	.....
Lodge Pole.....	Kinney, J. J.....	Kimball	Kinney Ditch No. 2.....	Irrig.	2.71	33	15	56	Kimball	Dec.	31	1884	388	.....
Lodge Pole.....	Libby, H. H.....	Lodge Pole.....	Libby Ditch.....	Irrig.	2.	36	14	47	Cheyenne	Dec.	31	1884	312	.....
Lodge Pole.....	Dickinson, F.....	Lodge Pole.....	.....	Irrig.	1.14	26	14	47	Cheyenne	Jan.	1	1885	969	.....
Lodge Pole.....	Howard, A. T.....	Lodge Pole.....	Howard Ditch.....	Irrig.	0.86	31	14	47	Cheyenne	April	10	1885	336	.....
Lodge Pole.....	Krueger, Richard.....	Sidney	Krueger Ditch No. 3.....	Irrig.	1.14	32	14	48	Cheyenne	May	1	1885	323	.....
Lodge Pole.....	Wolf, H. D.....	Chappell	Wolf Ditch.....	Irrig.	1.	18	13	45	Deuel	Dec.	31	1885	813	.....
Lodge Pole.....	Bennett, L. S. Co.....	Kimball	McIntosh Ditch.....	Irrig.	3.31	23	15	55	Kimball	April	16	1886	351	.....
Lodge Pole.....	Krueger, Richard.....	Sidney	Krueger Ditch No. 2.....	Irrig.	2.29	32	14	48	Cheyenne	Oct.	10	1886	324	.....
Lodge Pole.....	Borgquist, C. E.....	Sidney	Borgquist Canal.....	Irrig.	1.29	34	14	49	Cheyenne	April	30	1887	301	.....
Lodge Pole.....	Borgquist, C. E.....	Sidney	Borgquist Canal.....	Irrig.	0.71	34	14	49	Cheyenne	April	30	1887	300	.....
Lodge Pole.....	Whitney, W. T.....	Seattle. W.....	Upper Whitney Ditch.....	Irrig.	2.29	36	14	49	Cheyenne	May	1	1887	316	.....
Lodge Pole.....	McLaughlin, M.....	Sidney	McLaughlin Ditch.....	Irrig.	1.	26	14	48	Cheyenne	May	1	1887	966	.....
Lodge Pole.....	DeGraw, Geo.....	Sidney	Hale Ditch No. 1.....	Irrig.	1.14	36	14	49	Cheyenne	July	1	1887	318	.....

CLAIMS AND APPLICATIONS BY STREAMS IN DIVISION 1-E—(Continued).

Stream	Name of Claimant	Post-Office Address	Name of Ditch	Use to which applied	Second feet granted	Location of Headgate				Date of Priority		Docket No.	App. No.
						S	T	R	County	Month	D Yr.		
Lodge Pole	Mitchell, J.	Sidney		Irrig.	0.86	8	14	51	Cheyenne	Sept.	1 1887	304	
Lodge Pole	Tobin, M. H.	Sidney	Tobin Ditch	Irrig.	2.29	28	14	47	Cheyenne	July	31 1888	330	
Lodge Pole	Bordwell, L. H.	Sidney	Bordwell Ditch	Irrig.	1.43	35	14	49	Cheyenne	Aug.	1 1888	303	
Lodge Pole	Kinney, L. C.	Pine Bluffs, Wyo.	Premier Ditch	Irrig.	2.43	3	14	58	Kimball	April	11 1889	340	
Lodge Pole	Kinney, S. A.	Pine Bluffs, Wyo.	Smeed Ditch	Irrig.	1.43	8	14	58	Kimball	April	12 1889	341	
Lodge Pole	Bordwell, L. H.	Sidney	Bordwell Ditch	Irrig.	0.86	35	14	49	Cheyenne	April	27 1889	302	
Lodge Pole	Eubank, John	Kimball	Polly Ditch	Irrig.	0.79	30	15	55	Kimball	May	6 1889	342	
Lodge Pole	Cook, Chas	Pine Bluffs, Wyo.	Independent Ditch	Irrig.	3.14	7	14	58	Kimball	May	6 1889	343	
Lodge Pole	Howe, H. H.	Kimball		Ir&P	0.43	30	15	55	Kimball	May	6 1889	344	
Lodge Pole	Kinney, J. J.	Kimball	Kinney Ditch	Irrig.	2.	33	15	56	Kimball	May	11 1889	345	
Lodge Pole	Young, W. T.	Kimball	Young Ditch	Irrig.	0.50	33	15	57	Kimball	May	28 1889	349	
Lodge Pole	Yoder, B. F.	Kimball	Ruttner Ditch	Irrig.	1.14	31	15	56	Kimball	June	4 1889	350	
Lodge Pole	Oberfelder, R. S.	Sidney	Oberfelder Ditch	Irrig.	0.43	31	14	46	Cheyenne	June	10 1889	333	
Lodge Pole	DeGraw, Geo.	Sidney	Hale Ditch No. 2	Irrig.	0.43	36	14	49	Cheyenne	June	26 1889	319	
Lodge Pole	Bullock, W. C.	Lodge Pole		Irrig.	9.11	3	13	46	Deuel	June	25 1889	296	
Lodge Pole	Persinger, A. B.	Lodge Pole	Persinger Ditch	Irrig.	4.57	33	14	46	Deuel	June	25 1889	297	
Lodge Pole	Krueger, Richard	Sidney	Krueger Ditch No. 1	Irrig.	3.	29	14	48	Cheyenne	June	26 1889	325	
Lodge Pole	Bennett, L. S. Co.	Kimball	Brady Ditch	Irrig.	.71	28	15	54	Kimball	Aug.	16 1889	352	
Lodge Pole	Gross, C. J.	Pine Bluffs, Wyo.	Hoover Ditch	Irrig.	1.43	12	14	59	Kimball	Sept.	4 1889	353	
Lodge Pole	Ickes, C. S.	2232 W. 34 Av., Denver	Ickes Ditch	Irrig.	2.59	33	14	50	Cheyenne	March	25 1891	329	
Lodge Pole	Adams, J. M.	Potter	Adams Ditch	Irrig.	1.43	3-14		52	Cheyenne	July	1 1891	371	
Lodge Pole	Girard, F. G. & A. B.	Kimball	Hurley, Lilly & Polly D.	Irrig.	2.57	26	15	56	Kimball	Oct.	1 1891	354	

CLAIMS AND APPLICATIONS BY STREAMS IN DIVISION 1-E—(Continued).

Stream	Name of Claimant	Post-Office Address	Name of Ditch	Use to which applied	Second feet granted	Location of Headgate			Date of Priority		Docket No.	App. No.
						S	T	R	County	Month			D Yr.
Lodge Pole	Christenson, H. L.	Sidney	Christenson Ditch	Irrig.	.57	7	14	51	Cheyenne	April	15 1893	366
Lodge Pole	Christenson, H. L.	Sidney	Christenson Ditch No. 1	Irrig.	.43	7	14	51	Cheyenne	April	15 1893	367
Lodge Pole	Trognitz, C.	Sidney	Trognitz Canal	Irrig.	1.	36	14	50	Cheyenne	June	1 1893	365
Lodge Pole	Oberfelder, R. S.	Sidney	Oberfelder Ditch	Irrig.	2.	31	14	46	Cheyenne	Dec.	30 1893	306
Lodge Pole	Krueger, R.	Sidney	Richard Krueger Ditch	Irrig.	1.	29	14	48	Cheyenne	May	1 1894	968
Lodge Pole	Anderson, J.	Sidney	Anderson Ditch No. 2	Irrig.	.57	10	14	51	Cheyenne	June	1 1894	372
Lodge Pole	Adams, J. M.	Potter	Adams Ditch	Irrig.	1.43	10	14	52	Cheyenne	Sept.	1 1894	370
Lodge Pole	Lyngholm, N. P.	Sidney	Lyngholm Ditch	Irrig.	.36	14	14	51	Cheyenne	Nov.	1 1894	337
Lodge Pole	Adams, J. M.	Potter	Adams Ditch	Irrig.	.50	10	14	52	Cheyenne	Aug.	1 1895	369
Lodge Pole	Dickinson, F.			Irrig.	2.29	33	14	47	Cheyenne	May	10 1896	967
Lodge Pole	Burg, C. C.	Dix		Irrig.	.14	30	15	53	Kimball	March	3 1897	331
Lodge Pole	Bullock, W. C.	Lodge Pole	Bullock Canal	Irrig.	.57	4	13	46	Deuel	Feb.	16 1898	437
Lodge Pole	Forsling, A.	Kimball	Maltese Cross	Irrig.	.21	36	15	57	Kimball	May	16 1898	454
Lodge Pole	Kinney, L. C.	Bushnell	Bushnell Ditch	Irrig.	3.	2	14	58	Kimball	April	15 1899	504
Lodge Pole	Wiegand, Henry G.	Chappell	Wiegand Canal	Irrig.	2.	17	13	45	Deuel	May	31 1900	563
Lodge Pole	Neuman, A. G.	Chappell	Neuman C. No. 1 & 2	Irrig.	1.89	36	13	45	Deuel	June	12 1900	565
Lodge Pole	McHatton, James W.	Chappell	Wertz Bros. Ditch	Irrig.	2.86	12	13	46	Deuel	Feb.	14 1901	600
Lodge Pole	Neuman, G. R.	Chappell	Neuman Ditch	Irrig.	1.29	26	13	45	Deuel	April	17 1901	611
Lodge Pole	Johnson, J. C.	Chappell	Johuson Ditch	Irrig.	2.01	23	13	45	Deuel	April	17 1901	612
Lodge Pole	Bennett, L. St. Co.	Ch'yne Wyo.	Bennett L. S. Res.	Irrig.	700 ac re	21	15	55	Kimball	March	13 1902	657
Lodge Pole	Nasland, J. A.	Chappell	Nasland Ditch	Irrig.	.90	1	12	45	Deuel	April	16 1902	661
Lodge Pole	Clausen, John	Dix	Clausen S. S. Ditch	Irrig.	.57	27	15	54	Kimball	July	25 1902	633
Lodge Pole	Clausen, John	Chappell	Clausen N. S. Ditch	Irrig.	.57	26	15	54	Kimball	July	15 1902	634
Lodge Pole	Bennett, L. St. Co.	Ch'yne Wyo.	Bennett L. S. Co's. D.	Irrig.	1.87	23	15	55	Kimball	Oct.	2 1902	691
Lodge Pole	Forsling, Alf.	Kimball	Forsling Ditch	Irrig.	1.50	34	15	57	Kimball	April	24 1903	703
Lodge Pole	Forsling, C. A.	Kimball		Irrig.	2.86	33	15	56	Kimbe.	July	25 1903	718

CLAIMS AND APPLICATIONS BY STREAMS IN DIVISION 1-E--(Concluded).

Stream	Name of Claimant	Post-Office Address	Name of Ditch	Use to which applied	Second feet granted	Location of Headgate				Date of Priority		Docket No.	App. No.	
						S	T	R	County	Month	D Yr.			
Lodge Pole	Bickel, L. W.	Kimball	Bickel Ditch	Irrig.	.93	30	15	55	Kimball	Aug.	3	1903	719	
Lodge Pole	Pomerory, E. V. S.	Sidney	Pomerory Ditch No. 1	Irrig.	.57	15	14	51	Cheyenne	Aug.	20	1903	723	
Lodge Pole	Faden, E. L.	Kimball		Irrig.	.14	30	15	55	Kimball	Sept.	9	1903	724	
Lodge Pole	Bennett, L. St. Co.	Ch'yne, Wyo.	Owasco	Irrig.	11.	29	15	55	Kimball	Sept.	12	1903	725	
Lodge Pole	Yoder, B. F.	Kimball	New Ruttner	Irrig.	.51	36	15	57	Kimball	Sept.	16	1903	727	
Lodge Pole	Bennett, L. St. Co.	Ch'yne, Wyo.	Owasco	Irrig.	1.75	29	15	55	Kimball	Dec.	15	1903	734	
Lodge Pole	Forsling, Alfred	Kimball	Forsling Ditch	Irrig.	.79	34	15	57	Kimball	Dec.	6	1905	806	
Lodge Pole	Clarke, H. A.	Columbus	Clarke Ditch	Irrig.	2.	36	15	57	Kimball	Nov.	16	1906	842	
Lodge Pole	McNew, H. C.	Julesburg, Col	Ralton	Irrig.	19.86	36	13	45	Deuel	Jan.	4	1907	847	
Lodge Pole	McNew, H. C.	Julesburg, Col	Smith	Irrig.	3.57	12	12	45	Deuel	Aug.	18	1906	850	
Lodge Pole	Forsling, Clarence	Kimball	Yoder Extension	Irrig.	2.83	36	15	57	Kimball	April	9	1907	857	
Lodge Pole	Walker, I. S.	Kimball	Walker Ditch	Irrig.	1.57	31	15	56	Kimball	Sept.	16	1907	869	
Lodge Pole	Wilkinson, Mrs. John	Pine Bluff, Wyo.	Tracy Ditch	Irrig.	.50	12	14	59	Kimball	Sept.	21	1907	870	
Lodge Pole	McNew, H. C.	Julesburg, Col	Ralton	Irrig.	12.4	36	13	45	Kimball	Dec.	4	1907	882	
Lodge Pole	Walker, I. S.	Kimball	Kimball Storage	Irrig.	20,000	acre ft	36	15	57	Kimball	April	15	1908	897
Lodge Pole	Ruttner, Carl	Sidney	Ruttner Canal	Irrig.	0.50	30	14	47	Cheyenne	June	25	1908	906	
Lodge Pole	Forsling, C. A.	Kimball	Ex. of Yoder North Ditch	Irrig.	1.	36	15	57	Kimball	Dec.	1	1908	922	
Lodge Pole	Bennett L. St. Co.	Kimball	Bennett Ditch No. 5	Irrig.	1.	29	15	54	Kimball	Feb.	17	1909	934	
Lodge Pole	Bennett L. St. Co.	Cheyenne, Wyo.	Bennett Reservoir	Irrig.		30	15	54	Kimball	Aug.	10	1910	1020*	
Spg. ck. trib. to														
Lodge Pole	Oberfelder, R. S.	Sidney	Oberfelder Ditch	Irrig.	2.29	31	14	46	Cheyenne	May	29	1889	307	
Spg. ck. trib. to														
Lodge Pole	Chambers, C. P.	Sidney	Private Ditch	Irrig.	.04	14	13	51	Cheyenne	March	19	1895	335	
S. Br. trib. L. P.	Libby, H. H.	Lodge Pole	Spring Branch Ditch	Irrig.	.29	36	14	47	Cheyenne	July	1	1901	623	

*Pending.

CLAIMS AND APPLICATIONS BY STREAMS IN DIVISION 1-F.

Stream	Name of Claimant	Post-Office Address	Name of Ditch	Use to which applied	Second feet granted	Location of Headgate			Date of Priority		Docket No.	App. No.
						S	T	R	County	Month			D. Yr.
Weeping Water ck	Weeping Water Lake & P. Co.....	Weeping Water	Weeping Water Plant.....	P'wer	2	10	11	Cass	Nov.	5	1910	1037*

*Pending.

CLAIMS AND APPLICATIONS BY STREAMS IN DIVISION 2-A.

Stream	Name of Claimant	Post-Office Address	Name of Ditch	Use to which applied	Second feet granted	Location of Headgate				Date of Priority		Docket No.	App. No.
						S	T	R	County	Month	D Yr.		
Barton creek.....	Lewis, Geo. H.....	Syracuse, N. Y.....	Lewis and Baxter.....	Irrig.	3. 6	24	19	Loup	July	20	1904	764	
Beaver river.....	Quackenbush, J. W.....	Albion	Pioneer Ditch.....	Irrig.	3.57	22	20	Boone	Dec.	8	1894	287	
Beaver river.....	Babcock, H. E.....	Columbus	Great Eastern Canal.....	Irrig.		24	17	4 Nance	Jan.	22	1896		219b
Beaver river.....	Long, Wm. M.....	Genoa	Windmill Irrigation.....	Irrig.	.14	14	17	4 Nance	March	31	1896		277
Beaver river.....	Rice, H.....	Albion	Albion E. L. & P. P.....	P'wer	67.	26	20	6 Boone	Oct.	3	1901		639
Cedar river.....	Neb. Irr. & Power Co.....	Ord	Cedar River Canal.....	Irrig.	175.	22	21	12 Wheeler	Sept.	14	1894	221	
Cedar river.....	Bennett, I. I.....	Hastings	Fullerton Elec. & Pow.....	P'wer	200.	12	16	6 Nance	Sept.	9	1901		636
Cedar creek.....	Arnold, F. G.....	Fullerton		P'wer	230.	30	17	6 Nance	Sept.	8	1910		1023
Cow creek.....	Edgar, H. R.....	Brownlee	Homestead Ditch.....	Irrig.	2.29	7	26	27 Cherry	July	14	1894	194	
Dry creek, trib. to Calamus.....	Fisher, Conrad.....	Burwell	Fisher Canal.....	Irrig.	4.29	24	23	17 Garfield	Dec.	27	1905		807
Goose creek.....	Erickson, P. C. & J. M.....	Brevster	Erickson Ditch.....	Irrig.	8.	18	25	24 Brown	April	3	1895	209	
Goose creek.....	Giles, R. P., et al.....	Purdum	Giles Ditch.....	Irrig.	10.	2	25	25 Cherry	June	1	1895	187	
Goose creek.....	Crook, F.....	Giles	Crook Ditch.....	Irrig.	6.80	33	25	24 Brown	June	2	1896		345
Gracie creek.....	Krueger, G.....	Prime	Gracie High Line.....	Irrig.	.29	29	23	17 Loup	July	9	1897		397
Looking Class ck.....	Gerrad, E. A. & F. H.....	Monroe	Monroe Irr. Ditch.....	Irrig.	2.86	1	17	3 Platte	June	12	1894	289	
Looking Class ck.....	Babcock, H. E.....	Columbus	Great Eastern Canal.....	Irrig.	64.33	5	17	3 Platte	Jan.	22	1896		219b
Loup river.....	Babcock, H. E.....	Columbus	Great Eastern Canal.....	Irrig.	64.33	27	17	4 Nance	Jan.	22	1896		219b
Loup river.....	Neb. Cen. Irr. Co.....	Columbus	New York Canal.....	Irrig.	300.	15	15	8 Nance	April	28	1896		291
Loup river.....	Neb. Cen. Irr. Co.....	Columbus	Great Eastern Canal.....	P'wer	800.	27	17	4 Nance	Dec.	26	1899		527

CLAIMS AND APPLICATIONS BY STREAMS IN DIVISION 2-A—(Continued).

Stream	Name of Claimant	Post-Office Address	Name of Ditch	Use to which applied	Second feet granted	Location of Headgate				Date of Priority		Docket No.	App. No.
						S	T	R	County	Month	D Yr.		
Loup river.....	Neb. Cen. Irr. Co.....	Columbus	Great Eastern Canal.....	Irrig. 200.	27	17	4	Nance	Dec.	26	1899	527	
Loup river.....	Neb. Cen. Irr. Co.....	Columbus	Columbus Power Plant.....	P'wer 1200.	27	17	4	Nance	Feb.	1	1902	653	
Loup river.....	Neb. Cen. Irr. Co.....	Columbus	Columbus Development.....	P&I. 2700.	27	17	4	Nance	June	10	1903	709	
Loup river.....	Babcock, H. E.....	Columbus	Loup River P. P.....	P'wer.....	23	17	4	Nance	July	30	1906	*829	
Loup river.....	Koenig, Arnold C.....	Omaha .....	.....	P'wer.....	32	17	4	Nance	Sept.	30	1910	1029*
Loup river, N. B	Nor. Loup Irr. & Im. Co	North Loup.....	North Loup Ditch.....	Irrig. 143.	27	19	14	Valley	Sept.	30	1893	{227 228 232 188	
Loup river, N. Br	Lee, J. R.....	Brownlee	Lee Ditch.....	Irrig. 40.	25	27	29	Cherry	Aug.	7	1894	189	
Loup river, N. Br	Burwell Irr. Co.....	Burwell	Burwell Irr. Ditch.....	Irrig. 110.	27	21	17	Loup	Sept.	7	1894	224	
Loup river, N. Br	Newton Irr. Co.....	Moulton	Newton Irr. Canal.....	Irrig. 115.14	35	23	21	Blaine	Feb.	5	1895	205	
Loup river, N. Br	Erickson, P. C.....	Brewster	State Central Canal.....	Irrig. 51.43	27	23	22	Blaine	Sept.	10	1895	152	
Loup river, N. Br	Tzschuck Canal Co.....	Taylor	Tzschuck Canal.....	Irrig. 242.86	30	22	19	Loup	June	5	1896	301	
Loup river, N. br	Harvey, Robert.....	St. Paul.....	Burwell Power Station.....	P'wer.....	20	21	16	Garfield	Nov.	25	1910	1039	
Loup R. Mid. Br.	Sherman C. Irr. Water Power & Imp. Co.....	Loup City.....	Sherman County Canal.....	P'wer 125.	26	17	16	Valley	Fall of	.....	1888	229
Loup R. Mid. Br.	Middle Loup Valley Irr. Canal Co.....	Sargent	Middle Loup Val. I. C.....	Irrig. 560.29	15	21	22	Blaine	June	6	1894	202	
Loup R. Mid. Br.	Douglas Grove Irr. Dist.	Wescott	Westcott Irr. Ditch.....	Irrig. 88.57	15	19	18	Custer	Aug.	8	1894	214	
Loup R. Mid. Br.	Sherman Co. Irr. Wat. Pr. & Imp. Co.....	Loup City.....	Sherman County Canal.....	Irrig. 244.	26	17	16	Valley	Aug.	13	1894	229	
Loup R. Mid. Br.	Thefdard Irr. & Pr. Co.	Thefdord	Thefdord Ditch.....	Irrig. 43.	4	23	29	Thomas	Aug.	25	1894	198	
Loup R. Mid. Br.	Purdum, J. W.....	Thefdord	Norway Irr. Ditch.....	Irrig. 2.86	31	24	29	Thomas	Sept.	8	1894	199	
Loup R. Mid. Br.	Lillian P. D. & P. Co.....	Gates	Lillian Prec. Ditch.....	Irrig. 140.00	30	21	21	Blaine	Oct.	19	1894	{204 216	

*Pending.

STATE BOARD OF IRRIGATION

CLAIMS AND APPLICATIONS BY STREAMS IN DIVISION 2-A—(Continued).

Stream	Name of Claimant	Post-Office Address	Name of Ditch	Use to which applied	Second feet granted	Location of Headgate				Date of Priority		Docket No.	App. No.
						S	T	R	County	Month	D Yr.		
Loup R. Mid. Br.	Butcher, A., et al.	Gates	Butcher & Greible Ditch	Irrig.	18.29	36	20	21	Custer	Feb.	17 1895	220	
Loup R. Mid. Br.	Jewett, L. H.	Broken Bow	Jewett Ditch	Irrig.	4.29	30	22	24	Blaine	Aug.	12 1895		113
Loup R. Mid. Br.	Harris, L. H.	Dunning	Harris Canal	Irrig.	5.71	16	22	25	Blaine	Feb.	21 1896		248
Loup R. Mid. Br.	Patton, J. A.	Ord	Arcadia Canal	Irrig.	20.	16	17	16	Valley	March	6 1896		262
Loup R. Mid. Br.	Webster, L. E.	Westcott	Webster Canal	Irrig.	1.71	20	19	17	Custer	March	5 1898		442
Loup R. Mid. Br.	Sargent, R. H.	Walworth	Walworth Mills	P'wer	27.	35	20	20	Custer	Aug.	16 1900		573
Loup riv. Mid. br	Knudson, S. B.	St. Paul	St. Paul Elec. L. & P. Co.	P'wer	300.	10	14	10	Howard	Oct.	29 1910		1034
Loup R. So. Br.	Tillson, W. Z.	Pocle Siding	Tillson Ditch	Irrig.	15.57	29	12	15	Buffalo	Dec.	28 1894	236	
Loup R. So. Br.	Boblitz, E. J.	Tuckerville	Boblitz Ditch	Irrig.	.50	10	14	21	Custer	Jan.	17 1895	219	
Loup R. So. Br.	Boblitz, E. J.	Tuckerville	Boblitz Ditch	P'wer	20.	10	14	21	Custer	Jan.	17 1895	219	
Loup R. So. Br.	Callaway Mill Co.	Calaway		P'wer		2	15	23	Custer			*988	
Loup R. So. Br.	Brown, A. D.	Milldale	Brown Canal	Irrig.	.86								
Loup R. So. Br.	Hartzell, B. F.	Logan	Hartzell's Ditch	Irrig.	60.	31	17	24	Custer	Feb.	23 1897		363
Loup R. So. Br.	Hartzell, B. F.	Logan	Hartzell's Ditch	Irrig.	.37	27	18	26	Logan	May	18 1897		390
Muddy creek	Penn, C.	Broken Bow	Penn's Ditch	Irrig.	.50	33	17	20	Logan	Aug.	14 1894	215	
Muddy creek	Benson, Wm. C.	Litchfield	Litchfield Mills	P'wer		33	14	16	Sherman			*999	
Platte river	Fremont C. & P. Co.	Fremont	Fremont Canal	P&I.	2500.	30	17	4e	Butler	June	21 1895		40
Platte river	Keene, Lewis M.	Fremont	Fremont Pr. Canal	P'wer	2500.	30	17	4e	Butler	Jan.	2 1900		530
Platte river	Rosewater, A.	Omaha	Fremont Power Plant	P'wer	1500.	29	17	4e	Butler	July	6 1901		624
Platte river	Graig, G. W.	Omaha	Omaha General P. P.	P'wer		30	17	4e	Butler	June	12 1905		*796
Platte river	Richards, L. D.	Fremont	Fremont Gen. P. Co.	P'wer		29							
Platte river	Richards, L. D.	Fremont	Fremont Gen. P. Co.	P'wer		30	17	4e	Butler	Sept.	6 1905		*802
Platte river	Fremont & Omaha P. Co	Omaha	Fremont & Omaha	P'wer		30	17	4e	Butler	March	25 1908		*894

*Pending.

CLAIMS AND APPLICATIONS BY STREAMS IN DIVISION 2-A—(Concluded).

Stream	Name of Claimant	Post-Office Address	Name of Ditch	Use to which applied	Second feet granted	Location of Headgate				Date of Priority		Docket No.	App. No.
						S	T	R	County	Month	D Yr.		
Shell creek.....	Schmitt, P.....	Columbus	Schmitt's Irr. Canal.....	Irrig.	3.	19	18	1e	Platte	Dec.	17 1894	292	
Shell creek.....	Schmitt, P.....	Columbus	Schmitt's Irr. Canal.....	P'wer	30.50	19	18	1e	Platte	Dec.	17 1894	292	
Shell creek.....	Gottberg, M.....	Columbus	Gottberg Irr. Pl.....	Irrig.	1.	24	18	1	Platte	June	6 1895	.....	2
Shell creek.....	Babeock, H. E.....	Columbus	Great Eastern Canal.....	Irrig.		27	17	4	Nance	Jan.	22 1898	.....	319b
Spring creek.....	Hendryx, H. J.....	Monroe	Hendryx Ditch.....	Irrig.	1.33	2	17	3	Platte	June	25 1894	290	
Victoria creek.....	Dally, Gilligan & Co.....	Anselmo	Victoria Irr. Plant.....	Irr.g.	2.29	1	19	21	Custer	March	17 1894	212	
Victoria creek.....	Victoria Ditch Ass'n.....	Gates	Victoria Ditch.....	Irrig.	4.29	1	19	21	Custer	July	17 1894	213	
Victoria creek.....	Laughran, T., et al.....	New Helena	Laughran & Bell Ditch.....	Irrig.	4.	3	19	21	Custer	Sept.	22 1894	217	

CLAIMS AND APPLICATIONS BY STREAMS IN DIVISION 2-B.

Stream	Name of Claimant	Post-Office Address	Name of Ditch	Use to which applied	Second feet granted	Location of Headgate			Date of Priority		Docket No.	App. No.
						S	T	R	County	Month			D Yr.
Battle creek	Sanders, J. E.	Battle creek	Battle Creek Mills	P'wer	10.67	36	24	3	Madison	Nov.	12 1898	484
Battle creek	Sanders, J. E.	Battle creek	Battle Creek Mills	P'wer	20.	36	24	3	Madison	April	20 1906	818
Elkhorn river	Rehburg, F. R. & Co.	Atkinson	Atkinson Mill	P'wer	38.50	30	30	14	Holt	Nov.	1 1883	271
Elkhorn river	Elkhorn Irr. Co.	O'Neill	Elkhorn Irr. Canal	Irrig.	131.43	22	29	13	Holt	Feb.	3 1894	259
Elkhorn river	Davis, J.	O'Neill	Davis Ditch	Irrig.	1.43	31	29	11	Holt	Feb.	8 1894	263
Elkhorn river	Carlton, T.	O'Neill	Carlton Ditch No. 1	Irrig.	1.	32	29	11	Holt	Feb.	8 1894	260
Elkhorn river	Carlton, T.	O'Neill	Carlton Ditch No. 2	Irrig.	5.	30	29	11	Holt	Feb.	8 1894	261
Elkhorn river	Ashton, W. B.	O'Neill		Irrig.	.71	24	29	13	Holt	Feb.	18 1895	262
Elkhorn river	Cain, N. E., et al.	O'Neill		Irrig.	5.	32	29	11	Holt	Feb.	20 1895	282
Elkhorn river	Murphy, J. G., et al.	Atkinson	Atkinson Milling & Irr. Co. Ditch	Irrig.	2.29	30	30	14	Holt	Feb.	14 1898	283
Elkhorn river	Ross, Chas. P.	Omaha	Platte River Hydro Elec. Power Co.	P'wer	500.	11	15	10e	Douglas	Nov.	24 1909	443
Elkhorn, N. Fk.	Sugar Cy. Cereal	Norfolk	Sugar Cy. Cereal	P'wer	100.	23	24	1	Madison	March	1 1870	971
Elkhorn, S. Br.	Sanders, M. T.	Ewing	Flouring Mill	P'wer	33.	3	26	9	Holt	Aug.	21 1898	996
Middle creek	Malone, Robert	Lincoln	Malone Ice Plant	P&I.	10.	30	10	6e	Lancaster	Dec.	26 1907	464
Oak creek	Eiche, Herman	Lincoln	Eiche Irr. Plant	Irrig.	.71	17	10	6e	Lancaster	Jan.	4 1899	883
Platte river	Ross, Chas. P.	Omaha	Platte River Hydro Elec. Power Co.	P'wer	2300.	6	14	10e	Douglas	Nov.	24 1909	489
Rians lake	Elk Riv. Drainage Dist.	Fremont	Cutoff "H"	Drain						Oct.	16 1909	970
Platte & Elkhorn	Craig, Geo. W.	Omaha	Omaha Gen. P'r Plant	P'wer	3000.	19	15	10e	Douglas	June	12 1905	966
												795

CLAIMS AND APPLICATIONS BY STREAMS IN DIVISION 2-B—(Concluded).

Stream	Name of Claimant	Post-Office Address	Name of Ditch	Use to which applied	Second feet granted	Location of Headgate			Date of Priority		Docket No.	App. No.
						S	T	R	County	Month			D Yr.
Springs	Newton Land Co.....	Omaha	Sp. Br. Aqueduct.....	Irrig.	.07	13	14	13e	Sarpy	June	18 1895	29
Silver creek.....	Armour & Co.....	So. Omaha	Armour & Co. Res.....	Ice	10.	7	13	9e	Saunders	Oct.	18 1897	415
Union and Taylor creeks	Bley, Louis G.....	Madison	Union Val. R. Mills.....	P'wer		32	22	1	Madison			*998
Wahoo creek.....	Swift & Co.....	Omaha	Swift & Co. Res'rv.....	Ice	10.	34	13	9e	Saunders	Sept.	22 1898	473

*Pending.

STATE BOARD OF IRRIGATION

CLAIMS AND APPLICATIONS BY STREAMS IN DIVISION 2-C.

Stream	Name of Claimant	Post-Office Address	Name of Ditch	Use to which applied	Second feet granted	Location of Headgate				Date of Priority		Docket No.	App. No.
						S	T	R	County	Month	D Yr.		
Abitz creek	Fullerton, J. B.	Atkinson	Fullerton Ditch No. 2	Irrig.	.36	18	30	13	Holt	March	23 1896	278	
Antelope creek	Julian, A. R., et al.	Gordon	Antelope Ditch	Irrig.	.36	21	32	40	Cherry	June	29 1905	798	
Ashburn creek	McFarland, G. W.	Valentine	Ashburn Canal	Irrig.	.43	27	34	26	Cherry	June	17 1902	676	
Bear creek	Skinner, T.	Springview	Skinner Ditch	Irrig.	.22	15	32	21	Keya Paha	June	20 1888	609	
Bear creek	Cedarburg, P.	Springview	Cedarburg D. Nos. 1 & 2	Irrig.	.02	3	32	21	Keya Paha	Oct.	3 1898	479	
Beeman ck., Old	Barnard, C. O.	Springview	Barnard Ditch	Irrig.	.43	21	32	20	Keya Paha	June	1 1892	603	
Beeman creek	Beeman, J. D.	Springview	Beeman Ditch	Irrig.	1.	23	32	20	Keya Paha	May	20 1892	620	
Beeman creek	Rickman, A. L.	Springview	Beeman & Rickman	Irrig.	.29	23	32	20	Keya Paha	July	25 1895	813	
Big Sandy creek	Pickler, W. S.	Badger	Badger Ditch	Irrig.	1.14	12	33	14	Holt	May	16 1902	667	
Big Sandy creek	Johnson, C. A.	Wood Lake	Badger Mill	P'wer	.35	12	33	14	Holt	Aug.	28 1902	685	
Blackbird creek	Mullen, A. F.	O'Neill	Mullen Ditch	Irrig.	1.	20	31	11	Holt	Aug.	18 1894	267	
Blackbird creek	Robertson, J. A.	Joy	Robertson Ditch	Irrig.	.20	32	31	11	Holt	Aug.	28 1894	270	
Bluebird creek	Murphy, P.	O'Neill	Murphy's Ditch	Irrig.	1.	26	30	11	Holt	Sept.	7 1894	273	
Boardman creek	Lee, Joseph S.	Chesterfield	Lee Ditch	Irrig.	6.86	6	29	33	Cherry	April	25 1895	973	
Box Butte creek	Sandoz, Wm.	Momaw	Billy's Ditch	Irrig.	.21	29	29	45	Sheridan	Jan.	13 1900	533	
Brush creek	Neb. Townsite Co.	Perry	Brush creek Power Co.	P'wer	15.	23	33	13	Holt	Sept.	28 1898	474	
Brush ck. E. Br.	McCarthy, M. H., et al.	O'Neill	McCarthy No. 1	Irrig.	.50	24	32	14	Holt	July	1 1894	264	

CLAIMS AND APPLICATIONS BY STREAMS IN DIVISION 2-C—(Continued).

Stream	Name of Claimant	Post-Office Address	Name of Ditch	Use to which applied	Second feet granted	Location of Headgate				Date of Priority		Docket No.	App. No.
						S	T	R	County	Month	D Yr.		
Brush W. Br.....	McCarthy, M. H., et al.....	O'Neill.....	McCarthy No. 2.....	Irrig.	.63	26	32	14	Holt	Aug.	15 1894	266	
Burton creek.....	Mutz, Otto.....	Springview.....	Burton Creek Ditch.....	Irrig.	.57	19	34	19	Keya Paha	June	30 1895	608b	
Burton creek.....	Mutz, Otto.....	Springview.....	One Trip Ditch.....	Irrig.	.36	2	33	20	Keya Paha	Sept.	2 1895		142
Canyon.....	Gilmor, Emery.....	Glen.....	Gilmor Canal.....	Irrig.	14.29	36	30	54	Sioux	July	5 1907		863
Cedar creek.....	McNamee, K. B.....	Wood Lake.....	Cedar Lake Ditch.....	Irrig.	.43	4	30	24	Cherry	Sept.	28 1910		1027
Cottonwood ck.....	Morrissey, Tim.....	Dunlap.....	Morrissey's Ditch.....	Irrig.	.71	17	29	48	Dawes	Feb.	16 1895	481	
Cottonwood ck.....	Fendrich & Lichte.....	Dunlap.....	Fendrick & Lichte Ditch.....	Irrig.	.64	22	29	48	Dawes	May	9 1896		336
Crooked creek.....	Mutz, Otto.....	Springview.....		P'wer	3.	19	34	19	Keya Paha	Dec.	31 1889	608a	
Crooked creek.....	Mutz, Otto.....	Springview.....	Crooked Creek Ditch.....	Irrig.	1.	19	34	19	Keya Paha	June	30 1895	608a	
Cross creek.....	Hutchison, W. H.....	Penbrook.....	Hutchinson.....	Irrig.	.21	8	33	24	Keya Paha	Sept.	1 1888	615	
Cub creek.....	Tissue & Patterson.....	Springview.....	Tissue & Patterson Ditch.....	Irrig.	.03	16	33	22	Keya Paha	June	30 1894	618	
Cub creek.....	Josiassin, S.....	Meadville.....	McCumber Ditch.....	Irrig.	.10	28	33	22	Keya Paha	Aug.	15 1894	589	
Eagle creek.....	Alfs, J. D.....	Ray.....	100 Foot Ditch.....	Irrig.	.43	2	30	13	Holt	Sept.	11 1894	276	
Eagle creek.....	Alfs, J. D.....	Ray.....		P'wer	1.	2	30	13	Holt	Sept.	11 1894	276	
Eagle creek.....	Bokhof, W.....	Atkinson.....	Bokhof Ditch.....	Irrig.	2.86	6	30	13	Holt	Sept.	18 1894	275	
Eagle creek.....	Robertson, J. A.....	Atkinson.....	Eagle Valley Ditch.....	Irrig.	2.29	1	30	14	Holt	March	15 1895	280	
Eagle ck. S. Br.....	Becker, S.....	Atkinson.....	Sam'l Becker Ditch.....	Irrig.	1.14	8	30	13	Holt	Nov.	30 1894	274	
Fairfield creek.....	Kuhre, Wm. M.....	Norden.....	Kuhre's Pond.....	P'wer	25.	31	33	23	Brown	Sept.	1 1893	612	
Fairfield creek.....	Kuhre, Wm. M.....	Norden.....		Irrig.	.14	31	33	23	Brown	April	1 1894	612b	

CLAIMS AND APPLICATIONS BY STREAMS IN DIVISION 2-C—(Continued).

Stream	Name of Claimant	Post-Office Address	Name of Ditch	Use to which applied	Second feet granted	Location of Headgate				Date of Priority		Docket No.	App. No.
						S	T	R	County	Month	D. Yr.		
Holt creek.....	Schoetger, F. J.....	Enterprise	Schoetger Ditch.....	Irrig.	.14	32	35	20	Keya Paha.....	Feb.	23 1895	595	.....
Holt ck E. Br.....	Akers, J. W.....	Springview	Akers Ditch.....	Irrig.	.14	1	34	21	Keya Paha.....	Aug.	1 1894	611	.....
Horse Head creek	Bruce, A.....	Penbrook	Bruce Ditch.....	Irrig.	.17	16	33	24	Keya Paha.....	Sept.	7 1895		149
Huggins creek.....	Soper, H. K.....	Enterprise	Soper Ditch.....	Irrig.	.14	21	35	20	Keya Paha.....	Nov.	6 1894	592	.....
Jewett creek.....	Jewett, C. P.....	Meadville	B. L. Ditch.....	Irrig.	.71	5	32	21	Keya Paha.....	Oct.	23 1894	590	.....
Keha Paha river...	Yocum, J. C.....	Butte	Yocum's Ditch.....	Irrig.	1.14	23	34	15	Boyd	Sept.	7 1894	573	.....
Keha Paha river...	Bruce, Andrew & Son	Naper	Bruce Roller Mills	P'wer	100.	24	34	16	Boyd	Oct.	5 1903		729
Kibbey creek.....	Green, Martha, J.....	Read	Green Ditch.....	Irrig.	.01	28	34	16	Boyd	April	1 1904		747
Lewis Spring	Lewis, R.....	Lutes	Lewis Ditch.....	Irrig.	.14	29	35	19	Keya Paha.....	Aug.	30 1895		139
Long Pine creek...	Kyner, S. H.....	Long Pine	Long Pine Light & Pr. Plant	P'wer	48.	30	30	20	Brown	April	2 1909		941
Long Pine creek...	Village of Long Pine	Long Pine		W. S.	50.	31	30	20	Brown	Aug.	1 1910		1016
Middle E. Br.....	McGuire, M. W.....	Norden	McGuire Ditch.....	Irrig.	.71	32	23	23	Keya Paha.....	June	1 1884	606	.....
Middle W. Br.....	Allen, M. M.....	Norden	Allen Ditch.....	Irrig.	.50	29	33	23	Keya Paha.....	June	1 1891	616	.....
Middle W. Br.....	Allen, M. M.....	Norden	Contin'nce Ditch.....	Irrig.	1.	29	33	23	Keya Paha.....	May	2 1904		753
Minnechaduza	Gilman, S. F.....	Dv-port. Ia.....		P'wei	35.	30	34	27	Cherry	Sept.	12 1896		359
Minnechaduza	Village of Valentine	Valentine	Valentine Water & E. L. Plant	P'wei	40.	no	ra	ce		Feb.	10 1910		981
Newman creek.....	Newman, Philo.....	Norden	Newman Ditch.....	Irrig.	.21	17	33	24	Keya Paha.....	July	1 1888	617	.....

CLAIMS AND APPLICATIONS BY STREAMS IN DIVISION 2-C—(Continued).

Stream	Name of Claimant	Post-Office Address	Name of Ditch	Use to which applied	Second feet granted	Location of Headgate				Date of Priority		Docket No.	App. No.
						S	T	R	County	Month	D. Yr.		
Niobrara river	Earnest, J. W.	Harrison	Earnest Ditch No.1	Irrig.	2.86	9	29	56	Sioux	May	1 1885	514a	
Niobrara river	Earnest, J. W.	Harrison	Earnest Ditch No. 2	Irrig.	2.14	9	29	56	Sioux	May	15 1891	541b	
Niobrara river	Richards, B.	Chadron	Lacatah Ditch	Irrig.	7.14	1	30	57	Sioux	Oct.	1 1883	554	
Niobrara river	Bruce, A.	Penbrook	Bruce's Mill	P'wer	60.	16	33	24	Keya Paha	April	1 1886	610	
Niobrara river	McGinley, A., et al.	Royville	McG. & S. Ditch	Irrig.	8.21	25	29	56	Sioux	May	1 1887	513a	
Niobrara river	Kendrick, H. P., et al.	Marsland	Pioneers Ditches	Irrig.	7.14	36	29	51	Dawes	Aug.	1 1887	442	
Niobrara river	McGinley, A.	Royville	McG. & S. L'r S D.	Irrig.	1.71	25	29	56	Sioux	May	1 1890	513b	
Niobrara river	Cook, J. H.	Agate											
Niobrara river	McLaughlin, A. H.	Marsland	McLaughlin Ditch	Irrig.	7.14	9	28	52	Box Butte	May	1 1888	566	
Niobrara river	Cook, J. H.	Royville	Cook Ditch Nos. 1 & 2	Irrig.	3.54	1	28	56	Sioux	May	31 1891	980	
Niobrara river	Seymour, W. W., et al.	Harrison	Bigelow & Seymour	Irrig.	2.40	19	31	57	Sioux	June	8 1891	510	
Niobrara river	Harris, O., Neece, R.	Belle	Harris & Neece Ditch	Irrig.	8.57	3	28	55	Sioux	July	1 1892	517	
Niobrara river	Palmer & Co.	Marsland	Pioneer Ditches	P'wer	10.	31	29	50	Dawes	Aug.	1 1893	442	
Niobrara river	Roll Mill Co.	Marsland	Roll Mill	P'wer	35.	5	23	51	Box Butte	Sept.	10 1893	970	
Niobrara river	Hatch, G. W., et al.	H'm'ford	Meridian Ditch	Irrig.	.57	25	29	50	Dawes	Jan.	10 1894	450	
Niobrara river	Wood, J. C., et al.	Marsland	Enterprise Ditch	Irrig.	5.71	28	29	50	Dawes	Jan.	27 1894	461	
Niobrara river	Furman, H. G.	Marsland	Furman Ditch	Irrig.	3.64	29	29	50	Dawes	Feb.	2 1894	462	
Niobrara river	Hughes, John	Marsland	Hughes Ditch	Irrig.		1	28	52	Box Butte			*987	
Niobrara river	Johnson, B. F.	Harrison	Johnson Ditch	Irrig.	2.86	36	31	57	Sioux	May	1 1894	511	
Niobrara river	McMannis, J. T., et al.	H'm'ford	McM. & Neeland Ditch	Irrig.	.86	29	29	49	Dawes	June	15 1894	463	
Niobrara river	Fienken, Chas.	G. Rapids		Irrig.	1.	12	33	16	Boyd	Oct.	1 1894	575	
Niobrara river	McCully, S. J.	Carns	McCully Ditch	Irrig.	8.57	25	32	20	Keya Paha	Aug.	7 1894	583	
Niobrara river	Wilson, J. A.	Springview	Wilson Canal	Irrig.	5.71	18	32	21	Keya Paha	Oct.	18 1894	501	
Niobrara river	Mirage Irr. Co.	Mirage	Mirage Canal	Irrig.	150.	26	29	48	Dawes	Nov.	28 1894	474	
Niobrara river	Lichte, H.	Dunlap	Lichte Ditch	Irrig.	1.43	27	29	48	Dawes	Jan.	24 1895	479	
Niobrara river	Warneke, H.	Harrison	Warneke's Ditch	Irrig.	1.57	27	31	57	Sioux	Feb.	13 1895	505	
Niobrara river	McGinley & Stover	Royville	McG. & S. Upp. Ditch	Irrig.	2.86	23	29	56	Sioux	Feb.	25 1895	521	

*Pending.

CLAIMS AND APPLICATIONS BY STREAMS IN DIVISION 2-C—(Continued).

Stream	Name of Claimant	Post-Office Address	Name of Ditch	Use to which applied	Second feet granted	Location of Headgate				Date of Priority		Docket No.	App. No.
						S	T	R	County	Month	D Yr.		
Niobrara river.....	Harris, Octave.....	Belle	LaBelle Ditch.....	Irrig.	2.	6	28	54	Sioux	March	12 1895	518	.....
Niobrara river.....	Snow, L.....	Marsland	Snow Ditch.....	Irrig.	2.86	35	29	51	Dawes	March	26 1895	485	.....
Niobrara river.....	Vincent, D. C.....	Marsland	Excelsior Ditch.....	Irrig.	2.86	10	28	52	Box Butte.....	May	15 1895	568	.....
Niobrara river.....	Bourrett, W.....	Harrison	Bourrett Ditch.....	Irrig.	2.	33	30	53	Sioux	June	8 1895		4
Niobrara river.....	Bourrett, P.....	Harrison	Bourrett Ditch Sr.....	Irrig.	1.16	29	30	56	Sioux	June	10 1895		5
Niobrara river.....	Hughes, J.....	Marsland	Hughes Ditch.....	Irrig.	.86	1	28	52	Box Butte.....	June	26 1895		53
Niobrara river.....	Harris, O.....	Marsland	LaBelle Ditch.....	Irrig.	3.14	6	28	54	Sioux	July	3 1895		60
Niobrara river.....	Bond & Tissot.....	Mirage	Ussher Canal.....	Irrig.	1.16	19	29	46	Sheridan	July	17 1895		82
Niobrara river.....	Allison, P.....	Marsland	Moore Ditch.....	Irrig.	5.71	9	28	53	Sioux	July	22 1895		88
Niobrara river.....	Peters, H. A., et al.....	Hay Spgs.	Hay Springs Canal.....	Irrig.	14.29	29	29	47	Sioux	Sept.	27 1895		173
Niobrara river.....	Mettlen, J., et al.....	Marsland	Mettlen Ditch.....	Irrig.	1.	4	28	54	Sioux	April	27 1896		292
Niobrara river.....	McMannis & Neeland.....	H'm'ford	McM. & Neeland Ditch.....	Irrig.	1.07	29	29	49	Dawes	April	9 1898		448
Niobrara river.....	Armstrong, T. S.....	Butte	Armstrong Canal.....	P'wer	150.	9	33	13	Boyd	May	14 1898		452
Niobrara river.....	Hatch & Cross.....	H'm'ford	Meridian Ditch.....	Irrig.	5.14	25	29	50	Dawes	Aug.	29 1898		469
Niobrara river.....	Bourrett, J. F.....	Harrison	Bourrett's Ditch.....	Irrig.	1.	29	30	56	Sioux	March	5 1900		542
Niobrara river.....	Bourrett, J. S.....	Harrison	J. S. Bourrett Ditch.....	Irrig.	1.71	19	30	56	Sioux	March	17 1900		546
Niobrara river.....	Montague, Jas.....	Dunlap	Montague Ditch.....	Irrig.	.43	27	29	48	Dawes	Sept.	27 1900		575
Niobrara river.....	Fendrich, B.....	Dunlap	Chladek Ditch.....	Irrig.	.30	26	29	48	Dawes	March	18 1901		607
Niobrara river.....	Fendrich, G. A.....	Dunlap	Fendrich Ditch.....	Irrig.	.29	32	29	48	Dawes	June	1 1901		616
Niobrara river.....	Fendrich, G. A.....	Dunlap	Fendrich Ditch.....	Irrig.	.27	32	29	48	Dawes	June	1 1901		617
Niobrara river.....	Cornell, C. H.....	Valentine	Valentine Power Plant.....	P'wer	1600.	27	34	27	Cherry	Jan.	29 1902		652
Niobrara river.....	Potmesil Bros.....	Dunlap	Potmesil Ditch.....	Irrig.	6.	26	29	48	Dawes	May	19 1904		757
Niobrara and Peeper creek.....	Taylor, D. T.....	Hay Springs	Taylor's Ditch.....	Irrig.	4.57	28	29	47	Dawes	Aug.	8 1904		766
Niobrara river.....	Kay, John L.....	Marsland	Kay Ditch.....	Irrig.	2.	6	28	53	Dawes	May	12 1905		791
Niobrara river.....	Dunlap Irr. Co.....	Dunlap	Dunlap Irr. Canal.....	Irrig.	19.43	35	29	49	Dawes	April	20 1908		899
Niobrara river.....	Fenner & Bame.....	Dunlap	Dunlap Ditch.....	Irrig.	3.29	27	29	48	Dawes	April	21 1908		900

CLAIMS AND APPLICATIONS BY STREAMS IN DIVISION 2-C—(Continued).

Stream	Name of Claimant	Post-Office Address	Name of Ditch	Use to which applied	Second feet granted	Location of Headgate			Date of Priority		Docket No.	App. No.
						S	T	R	County	Month			D Yr.
Niobrara river.....	Kirk, E. L.....	Sioux City, Ia.....	Nebraska Power Co.....	P'wer	900.	31	32	7	Knox	Sept.	24 1909	961
Niobrara river.....	Kirk, E. L.....	Sioux City, Ia.....	Nebraska Power Co.....	P'wer		34	32	7	Knox	Aug.	9 1910	1019*
Niobrara river.....	Koenig, Arnold C.....	Omaha.....	Niobrara Power Plant.....	P'wer		24	32	8	Knox	April	23 1910	996*
Niobrara river.....	McKnight, R. E., et al.....	Alliance.....	Niobrara Canal.....	Irrig.		12	28	53	Sioux	Oct.	31 1910	1036*
Pine creek.....	Clark, J.....	Rushville.....	Pine Creek Mill.....	P'wer	32.	33	30	44	Sheridan	June	5 1893	415
Plum creek.....	Plum Creek Irr. Co.....	Johnstown.....	Johnstown Ditch.....	Irrig.	26.	4	29	24	Brown	Dec.	18 1894	405
Plum creek.....	Wilbert, R.....	Ainsworth.....	Wilbert Ditch.....	Irrig.	.43	35	32	25	Brown	May	5 1896	329
Plum creek.....	Ainsworth L. & P. Co.....	Ainsworth.....	Plum Creek Plant.....	P'wer	150.	29	32	25	Brown	May	15 1909	947
Pole creek.....	Julian, A. R., et al.....	Gordon.....	Pole Creek Ditch.....	Irrig.	.57	28	32	40	Brown	June	29 1905	790
Rickman creek.....	Byington, W. W.....	Springview.....	Byington Ditch.....	Irrig.	1.	22	32	20	Keya Paha	May	19 1891	582
Rock creek.....	Rock Creek I. & P. Co.....	Mariaville.....	Copeland Ditch.....	I&P.	6.43	33	32	18	Rock	Jan.	8 1895	394
Rock creek.....	Eastlick, B. J.....	Carns.....	Necessity Ditch.....	Irrig.	6.43	33	32	18	Rock	Jan.	17 1895	395
Rock creek.....	Wile, H.....	Mariaville.....	Wile's Ditch.....	Irrig.	.86	9	31	18	Rock	April	3 1895	397
Rock Spgs Ck.....	Van Koten, J.....	Springview.....	Van Koten Ditch.....	Irrig.	.07	25	33	22	Keya Paha	Jan.	1 1895	619
Rock Spgs Ck.....	Moore, W. S.....	Meadville.....	Moore's Ditch.....	Irrig.	1.43	12	32	22	Keya Paha	June	30 1887	593
Shobe Br.....	Lamb, A. J.....	Spencer.....		Irrig.	.14	30	33	11	Holt	July	6 1896	322
Spring creek.....	Kuskie, A. K.....	Sparks.....	Garden Ditch.....	Irrig.	.08	27	34	25	Cherry	March	30 1900	555
Str., no name.....	Grant, C. G.....	Winfield.....	Grant Ditch.....	Irrig.	.14	4	31	20	Rock	Jan.	1 1895	400

*Pending.

CLAIMS AND APPLICATIONS BY STREAMS IN DIVISION 2-C—(Concluded).

Stream	Name of Claimant	Post-Office Address	Name of Ditch	Use to which at pitted	Second feet granted	Location of Headgate				Date of Priority		Docket No.	App. No.
						S	T	R	County	Month	D Yr.		
Str., no name	Conger, C. K.	Norden	Conger Ditch	Irrig.	.10	5	33	24	Keya Paha	Sept.	16 1895	158	
Snider creek	Pickler, W. S.	Springview	Olds Ditch	Irrig.	.01	31	33	19	Keya Paha	May	1 1894	607	
Spotted Tail C.	Rhodes, J. G.	McLean	Spotted Tail Ditch	Irrig.	.07	4	34	17	Keya Paha	May	17 1895	601	
Sweeney canyon	Hornback, J.	Sparks	Canon Canal	Irrig.	.21	29	34	25	Cherry	Aug.	10 1893	414	
Turkey creek	La Rue, Chas.	Norden	Turkey Creek Ditch	Irrig.	.43	35	33	23	Keya Paha	Feb.	9 1900		539
Turkey creek	La Rue, Chas.	Norden	Turkey Creek D. No. 2	Irrig.	2.	35	33	23	Keya Paha	May	11 1904	754	
Verdigris Ck	Hanson, J. W.	Em'tbg, Ia.	Drayton Ditch	Irrig.	2.86	8	28	5	Antelope	Aug.	11 1894	248	
Whistle creek	Miller, W. K.	Alliance	Home Ditch	Irrig.	.86	13	28	54	Sioux	June	6 1895		65
Whistle creek	Watson, Mat.	Law	Whistle Creek Ditch	Irrig.	1.	12	28	54	Sioux	June	28 1895		58
Willow creek	Hollibough, C. G.	Marsland	Hollibough Ditch	Irrig.	0.43	10	29	50	Dawes	April	20 1908		898
Wooden Sp. Br.	Rhodes, F. J.	Springview	Rhodes Ditch	Irrig.	.21	25	35	20	Keya Paha	June	19 1899		512
Wooden Sp. Br.	Rhodes, F. J.	Springview	Rhodes Ditch	Irrig.	.14	25	35	20	Keya Paha	March	12 1900		544
Wyman creek	McCully, R. A.	Carns	McCully Ditch	Irrig.	.80	19	32	19	Keya Paha	June	10 1891	604	
Wyman creek	Horton, I.	Carns	Horton Ditch	Irrig.	.14	17	32	19	Keya Paha	June	5 1894	587	
Walnut Spring	Village of Long Pine	Long Pine		W. S.	1.	31	30	20	Brown	Aug.	1 1910		1015
Young creek	Lamb, A. J.	Rochester	Harvey & Lamb Ditch	Irrig.	.21	32	33	11	Holt	June	13 1896		311

CLAIMS AND APPLICATIONS BY STREAMS IN DIVISION 2-D.

Stream	Name of Claimant	Post-Office Address	Name of Ditch	Use to which applied	Second feet granted	Location of Headgate				Date of Priority		Docket No.	App. No.
						S	T	R	County	Month	D Yr.		
Ash creek	Compton, W. J.	Whitney		Irrig.	.03	12	32	51	Dawes	July	15 1893	455	
Ash creek	Connell, J.	Whitney	Connell Ditch	Irrig.	.63	6	32	50	Dawes	June	17 1898		459
Ash creek	Cripps, M. A.	Whitney	Cripps Ditch	Irrig.	1.	13	32	51	Dawes	Jan.	10 1899		491
Ash creek	Cripps, Minerva A.	Whitney	Cripps Ditch No. 2	Irrig.	1.14	13	32	51	Dawes	Dec.	26 1903		735
Ash creek	Howard, W. C.	Whitney	Cripps Ditch	Irrig.	.57	13	32	51	Dawes	Aug.	27 1906		835
Ash Ck. E. Br.	Tomlin, H. B.	Whitney	Ox Yoke Ditch	Irrig.	2.86	31	32	50	Dawes	May	31 1880		447
Ash Ck. E. Br.	Aird, Ida L.	Crawford	Barron Ditch	Irrig.	1.14	32	32	50	Dawes	July	1 1888		438
Ash Ck. E. Br.	Sheldon, C. A.	Crawford	Sheldon Ditch	Irrig.	1.43	30	32	50	Dawes	Jan.	26 1899		493
Ash Ck. E. Br.	Todd, Frank P.	Crawford	Todd Ditch	Irrig.	.38	5	31	50	Dawes	Sept.	12 1899		520
Ash Ck., W. Br.	Vetter, A.	Crawford	Mace Ditch	Irrig.	1.	2	31	51	Dawes	July	31 1884		428
Ash Ck., W. Br.	Broadhurst, N., et al.	Crawford	W. Ash, C. I. Co. D.	Irrig.	1.62	36	32	51	Dawes	July	4 1893		452
Ash Ck., W. Br.	Woodard, S. D.	Whitney	Woodard Ditch	Irrig.	.14	25	32	51	Dawes	Feb.	3 1898		434
Beaver creek	Braddock, Wm.	Adaton	Braddock Ditch	Irrig.	.36	18	34	46	Sheridan	April	15 1895		423
Beaver creek	Braddock, J. F.	Chadron		Irrig.	.04	1	34	47	Dawes	April	15 1895		974
Beaver creek	Stastney, F.	Chadron	Stastney Ditch	Irrig.	.36	4	33	46	Sheridan	July	30 1895		336
Beaver creek	Braddock, Wm.	Chadron	Lockler Ditch	Irrig.		34	35	47	Dawes				*1017
Beaver creek	Hyser, F. B.	Adaton	Hyser Ditch	Irrig.	.33	20	34	46	Dawes	May	14 1896		303
Beaver creek	Braddock, J. F.	Chadron	Braddock	Irrig.	.64	1	34	47	Dawes	Nov.	14 1897		463
Beaver creek	Rickman, A. W., et al.	Chadron	Cilek Ditch	Irrig.	.36	4	33	46	Dawes	June	19 1899		513
Beaver creek	Rickman, A. W.	Chadron	Rickman Ditch	Irrig.	1.	9	33	46	Dawes	July	2 1902		681
Bordeaux creek	Locket, T. E.	Chadron	Locket Ditch	Irrig.	.07	11	32	48	Dawes	June	30 1886		494
Bordeaux creek	Richards, H. B. J., et al.	Chadron	Richards Ditch	Irrig.	.14	36	33	48	Dawes	Sept.	10 1890		430
Bordeaux creek	Bryant, S. A.	Chadron	Bryant's Ditch	Irrig.	.29	14	33	48	Dawes	Feb.	4 1891		434
Bordeaux creek	Hall, O. W.	Chadron	Hall's Ditch	Irrig.	.07	15	33	48	Dawes	March	1 1891		437
Bordeaux creek	Richards, H. B. J.	Chadron	Richards Ditch	Irrig.	.36	36	33	48	Dawes	Sept.	7 1892		446

*Pending.

CLAIMS AND APPLICATIONS BY STREAMS IN DIVISION 2-D—(Continued).

Stream	Name of Claimant	Post-Office Address	Name of Ditch	Use to which applied	Second feet granted	Location of Headgate			Date of Priority		Docket No.	App. No.
						S	T	R	County	Month			D Yr.
Bordeaux creek	Mann, Wm.	Chadron	Mann's Ditch	Irrig.	.23	25	33	48	Dawes	Dec.	31 1892	975
Bordeaux creek	Adams, S. L.	Chadron	Adams Ditch	Irrig.	.14	2	32	48	Dawes	March	5 1893	450
Bordeaux creek	County of Dawes	Chadron	County Ditch	Irrig.	.14	23	33	48	Dawes	July	31 1893	983
Bordeaux creek	Bacon, J. D.	Chadron	Bacon Ditch	Irrig.	.21	21	34	48	Dawes	July	1 1894	445
Bordeaux creek	Morrissey, M.	Chadron	Morrissey Canal	Irrig.	.08	15	33	48	Dawes	Aug.	25 1894	491
Bordeaux creek	O'Donnell, J.	Chadron	O'Donnell's Ditch	Irrig.	.14	9	34	48	Dawes	Jan.	17 1898	432
Bordeaux creek	Nelson, P. B.	Chadron	Nelson's Ditch	Irrig.	.36	14	33	48	Dawes	Oct.	19 1898	478
Bordeaux creek	Nelson, P. B.	Chadron	Nelson's Irr. Plant	Irrig.	.14	14	33	48	Dawes	Jan.	28 1899	494
Bordeaux creek	Burns, Thomas C.	Chadron	Burns Ditch	Irrig.	4.29	36	33	48	Dawes	Nov.	5 1900	584
Bordeaux creek	Martens, Wm.	Chadron	Martens Ditch	Irrig.	.57	28	34	48	Dawes	Sept.	22 1902	690
Bordeaux creek	Martens, Wm.	Chadron	Martens Ditch	Irrig.	1.14	21	34	48	Dawes	Jan.	14 1907	848
Bordeaux, Lit.	Hartzell, S. and C.	Chadron	Hartzell Canal	Irrig.	.57	13	33	48	Dawes	June	1 1893	448
Bordeaux, Lit.	Butler, J. A.	Chadron	Butler Ditch	Irrig.	.11	33	33	47	Dawes	June	1 1894	443
Bordeaux, Lit.	Frady, C. H.	Chadron	Frady Ditch	Irrig.		30	33	47	Dawes			*1009
Bordeaux, Lit.	Collon, Jacob	Chadron	Collins Res	Irrig.	.31	14	32	48	Dawes	Feb.	27 1905	786
Bordeaux, Lit.	Good, J. W.	Chadron	Good Ditch	Irrig.	7.	29	33	47	Dawes	March	6 1905	783
Bull creek	Johnson, W. S.	Glen	Johnson Ditch No. 1	Irrig.	.29	7	30	5	Sioux	March	13 1895	519
Cedar Canyon	Golden, T. F.	Adelia	Cedar Canon Ditch	Irrig.	.43	16	33	53	Sioux	March	1 1897	380
Chadron creek	Gallup, W. S.	Chadron	Gallup's Ditch	Irrig.	.08	15	33	49	Dawes	Dec.	20 1890	426
Chadron creek	Wilson, H. M.	Chadron	Tug Wilson Ditch	Irrig.	.20	12	32	49	Dawes	July	13 1893	453
Chadron creek	Wilson, W. W.	Chadron	Wallace Wilson Ditch	Irrig.	.07	12	32	49	Dawes	July	14 1893	454
Chadron creek	Record, A. A.	Hyannis	Half Diamond E. D.	Irrig.	.57	1	32	49	Dawes	June	17 1894	468

*Pending.

CLAIMS AND APPLICATIONS BY STREAMS IN DIVISION 2-D—(Continued).

Stream	Name of Claimant	Post-Office Address	Name of Ditch	Use to which applied	Second feet granted	Location of Headgate				Date of Priority		Docket No.	App. No.
						S	T	R	County	Month	D Yr.		
Charcoal Ck.....	Weber, M. J.....	Glen	Klein Ditch.....	Irrig.	.11	33	31	53	Sioux	Aug.	1 1882	982	.....
Cottonwood Ck...	Rasmussen, N.....	Whitney	Rasmussen Ditch.....	Irrig.	2.29	10	33	52	Dawes	March	8 1898	.....	444
Cottonwood	Rasmussen, N.....	Whitney .....	.....	Irrig.	18.	10	33	52	Dawes	Dec.	26 1899	.....	528
Rav.t'b. C't'd ck.	Carlson, A. A.....	Crawford	Carlson Ditch.....	Irrig.	.71	21	33	52	Dawes	Sept.	20 1897	.....	409
Rav.t'b. C't'd ck.	Pilster, John A.....	Whitney	Pilster Ditch.....	Irrig.	5.71	9	33	51	Dawes	Dec.	9 1904	.....	776
Cottonwood Lit...	Stuart, Jno. T.....	Crawford	Thos. Stuart Ditch.....	Irrig.	.33	8	32	52	Dawes	Dec.	21 1890	425	.....
Cottonwood Lit...	Stuart, J. G. and J. T.	Crawford	Stuart Bros. Ditch.....	Irrig.	2.86	8	32	52	Dawes	June	10 1895	.....	8
Cottonwood Lit...	Kusel, Wm. T.....	Ewing	Kusel Ditch	Irrig.	1.14	9	32	51	Dawes	Oct.	16 1895	.....	183
Cottonwood Lit...	Simmons, Raner.....	Whitney	Simmons Ditch.....	Irrig.	1.14	9	32	51	Dawes	Sept.	12 1899	.....	521
Cottonwood Lit...	Kusel, Wm. T.....	Whitney	Kusel Ditch No. 2.....	Irrig.	.43	8	32	51	Dawes	May	19 1900	.....	560
Cottonwood Lit...	Dunn, J. G.....	Crawford	Dunn's Ditch.....	Irrig.	1.43	9	32	52	Dawes	Jan.	14 1902	.....	649
Cottonwood Lit...	Stewart, J. W., et al.....	Crawford	Stewart & Maple Ditch.....	Irrig.	.29	3	32	52	Dawes	March	10 1902	.....	656
Cottonwood Lit...	Kusel, Wm. T.....	Whitney	Kusel & Spear'n Ditch.....	Irrig.	.71	8	32	51	Dawes	June	30 1902	.....	677
Cottonwood, little	Dodd, Calvin H.....	Crawford	Dodd & McDowell Ditch.....	Irrig.	.29	13	32	53	Sioux	April	22 1910	.....	995
Dead Horse Ck...	Kemery, J.....	Chadron .....	.....	Irrig.	.01	32	32	49	Dawes	Sept.	1 1890	493	.....
Dead Horse Ck...	Woodruff, F. B. & E. F	Chadron	Flag Butte Ditch.....	Irrig.	.08	32	32	49	Dawes	April	10 1891	427	.....
Dead Horse Ck...	Goff, L. L.....	Chadron	Goff Ditch.....	Irrig.	.17	9	31	49	Dawes	Aug.	27 1893	457	.....
Dead Horse Ck...	Harley, J.....	Chadron .....	.....	Irrig.	.01	32	32	49	Dawes	Aug.	1 1894	488	.....
Dead Horse Ck...	Geiser, B. A.....	Chadron	Geiser Ditch.....	Irrig.	2.29	17	32	49	Dawes	March	18 1902	.....	658
Dead Horse Ck...	Slattery, Roy A.....	Chadron .....	.....	Irrig.	1.29	32	33	49	Dawes	April	6 1904	.....	749
Deadman Ck.....	Phillips, W. S.....	Crawford .....	.....	Irrig.	.21	19	30	52	Dawes	May	8 1896	.....	384
Deadman Ck.....	Phillips, W. S.....	Crawford	Phillips Ditch.....	Irrig.	.14	18	30	52	Dawes	March	19 1900	.....	547
Deadman Ck.....	Porter, J. E., et al.....	Crawford	P. & Ras. Ditch.....	Irrig.	1.43	1	30	53	Sioux	May	29 1900	562

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CLAIMS AND APPLICATIONS BY STREAMS IN DIVISION 2-D—(Continued).

Stream	Name of Claimant	Post-Office Address	Name of Ditch	Use to which applied	Second feet granted	Location of Headgate				Date of Priority		Docket No.	App. No.
						S	T	R	County	Month	D Yr.		
Deadman Ck.....	Linderman, Con.....	Crawford	Linderman Ditch	Irrig.	.14	18	30	52	Dawes	June	11 1900	564	
Deep creek.....	Green, M. H.....	Glen	Deep Creek Ditch.....	Irrig.	.06	9	30	53	Sioux	May	1 1887	525	
Deep creek.....	Green, M. H.....	Glen	Green Ditch.....	Irrig.	.20	9	30	53	Sioux	Oct.	24 1904	203	
Dry Run.....	Campbell, F. J.....	Chadron	Campbell Ditch.....	Irrig.	1.	35	31	49	Dawes	Nov.	9 1908	919	
English creek.....	McDowell, E. C.....	Glen	McDowel Stor. Sys.....	Irrig.	.87	12	31	52	Dawes	Oct.	24 1904	772	
Hooker creek.....	Uhlig, Max.....	Glen	McMannis Ditch.....	Irrig.	1.	7	31	51	Dawes	Dec.	31 1889	492	
Hooker creek.....	Alcorn, John.....	Glen	Alcorn Ditch.....	Irrig.	1.21	31	32	51	Dawes	Nov.	17 1905	803	
Hooker creek.....	Souther, Mable G.....	Crawford	Souther Lake.....	F. & I	1.43	30	32	51	Dawes	Sept.	24 1908	915	
Indian creek.....	Seegrst, I.....	Whitney		Irrig.	.03	3	31	50	Dawes	Nov.	1 1893	489	
Indian creek.....	Flood, M. F.....	Whitney	Flood Ditch.....	Irrig.	.07	37	32	50	Dawes	Feb.	13 1894	460	
Indian creek.....	Boyer, F.....	Whitney	Boyer Ditch.....	Irrig.	.86	28	32	50	Dawes	April	30 1900	559	
Indian Ck. trib.....	Kaiser, Omar A.....	Coxville	Kaiser Ditch.....	Irrig.	.57	28	32	50	Dawes	Feb.	15 1900	540	
Kane creek.....	McConnell, Whitney.....	McConnell	McConnell D. & Res.....	Irrig.	4.29	30	34	50	Dawes	Jan.	14 1909	931	
Kyle creek.....	Colville, David.....	Glen	Kyle Creek Ditch.....	Irrig.	.57	3	30	54	Sioux	June	30 1882	522	
Lone Tree, S. Fk.....	Thomas, J. C.....	Whitney	Thomas Ditch.....	Irrig.	1.	28	34	51	Dawes	April	29 1905	789	
Madden creek.....	Flannigan, F.....	Chadron	Dams	Irrig.	.57	26	35	49	Dawes	July	11 1904	763	
Mudden creek.....	Trier, Phillip.....	Chadron	Trier Ditch	Irrig.	1.21	6	34	48	Dawes	Aug.	1 1906	830	
Madden and North creeks.....	Flannigan, O. R.....	Chadron	Dams	Irrig.	.57	31	35	48	Dawes	Oct.	17 1904	771	

CLAIMS AND APPLICATIONS BY STREAMS IN DIVISION 2-D—(Continued).

Stream	Name of Claimant	Post-Office Address	Name of Ditch	Use to which applied	Second feet granted	Location of Headgate				Date of Priority		Docket No.	App. No.
						S	T	R	County	Month	D Yr.		
Rush creek	Braddock, H. T.	Chadron	Braddock Ditch	Irrig.	3.	10	34	49	Dawes	May	4 1903	706	
Rush creek	Braddock, H. F.	Chadron	Braddock Ditch Exten	Irrig.	1.57	11	34	49	Dawes	May	31 1906	825	
Sand creek, trib. to L. Cotton d.	Metz, Scott	Crawford	Bendix Ditch	Irrig.	.57	35	33	53	Sioux	Nov.	19 1895	189	
to L. Cotton d.	Carlson & Rasmussen	Crawford	C. & R. Sand Creek D.	Irrig.	30.	32	33	52	Dawes	Sept.	12 1904	767	
Sand creek	Arner, J. & H.	Crawford	Arner Ditch	Irrig.	2.59	26	33	53	Sioux	Jan.	12 1905	779	
Sand creek	Rasmussen, K.	Whitney	K. Rasmussen Ditch	Irrig.	17.	3	32	52	Dawes	Jan.	8 1906	811	
Draw, trib. of Sand creek	Jordon, M. D.	Adella	Jordon Ditch	Irrig.	.50	31	33	53	Sioux	April	2 1900	551	
Saw Log, East	Stewart, H. E.	Crawford	Little Saw Log Ditch	Irrig.	.71	12	30	52	Dawes	Jan.	23 1907	849	
Saw Log, East	Stephenson, Chas	Crawford	Stephenson Ditch	Irrig.	1.14	25	31	52	Dawes	March	5 1907	852	
Saw Log, East	Baker, A. D.	Crawford	Baker Ditches	Irrig.	.29	5	30	51	Dawes	Jan.	13 1908	884	
Sheridan creek	Getchell, G. C.	Pine Ridge	Getchell Ditch	Irrig.	.07	27	34	45	Sheridan	Aug.	1 1894	418	
Soldier creek	Rodgers, J. J.	Crawford	Rodgers Ditch	Irrig.	.14	5	31	53	Sioux	April	30 1883	546	
Soldier creek	Swanson, Geo.	Crawford	Swanson Ditch	Irrig.	1.43	4	31	53	Sioux	March	25 1905	786	
Spring Br. trib. White river	Tucker, J. S.	Glen	Tucker Ditch	Irrig.	.17	34	31	54	Sioux	June	1 1883	557	
Spring creek	Forbes, J. D.	Crawford	Forbes Ditch No. 1	Irrig.	.43	20	32	52	Dawes	April	28 1902	663	
Spring creek	Moszeter, J. R.	Crawford	Moszeter Ditch	Irrig.		13	32	52	Dawes			*1014	
Spring creek	Wolff, Ferdinand	Crawford	Wolff Ditch	Irrig.	1.71	21	32	52	Dawes	Jan.	15 1904	739	

*Pending.

CLAIMS AND APPLICATIONS BY STREAMS IN DIVISION 2-D—(Continued).

Stream	Name of Claimant	Post-Office Address	Name of Ditch	Use to which applied	Second feet granted	Location of Headgate				Date of Priority		Docket No.	App. No.
						S	T	R	County	Month	D Yr.		
Spg. ck, trib. of													
Lit. Cottn'd	Pinney, B. G.	Crawford	Spring Creek Ditch	Irrig.	.86	13	32	52	Dawes	May	10 1894	466	
Lit. Cottn'd	Balsler, R.	Lusk, Wyo.	Spring Creek Ditch No.1	Irrig.	2.	7	32	51	Dawes	Dec.	1 1894	473	
Lit. Cottn'd	Spearman, C. K.	Gretna	Spring Creek Ditch No.1	Irrig.	1.29	13	32	52	Dawes	April	7 1905		788
Spgs. trib. to D.													
Horse creek	Goff, T. L.	Chadron		Irrig.	.14	30	32	49	Dawes	April	2 1891	441	
Squaw creek	Daniels & Stetson	Crawford	Daniels & Stetson Ditch	Irrig.	.29	19	31	51	Dawes	June	17 1895		27
Squaw creek	Cooper, Wm.	Crawford	Cooper Ditch	Irrig.	2.29	36	32	52	Dawes	May	8 1896		333
Trunk Butte C.	Smock, M.	Whitney	Smock's Ditch	Irrig.	.07	26	32	50	Dawes	June	28 1895	465	
W. Clay Ck.	Davidson, J. E.	Crawford	McFarland Ditch	Irrig.	1.64	35	32	52	Dawes	May	18 1891	960	
W. Clay Ck.	Hazleton, Wm. S.	Crawford	Hazleton Ditch	Irrig.	1.14	13	31	52	Dawes	May	15 1894	475	
W. Clay Ck.	White River Irr. Co.	Crawford	White River Ditch	Irrig.	1.	35	32	52	Dawes	Dec.	31 1894	477	
W. Clay Ck.	Copper, Wm.	Crawford	Cooper Ditch	Irrig.	3.71	2	31	52	Dawes	June	22 1895		42
W. Clay Ck.	Brookway, Horace	Crawford	Brookway Ditch	Irrig.	.71	36	31	52	Dawes	Feb.	27 1896		256
W. Clay Ck.	Pine Ridge Ind. Ag.	P. Ridge I. Ag., S. D.	Pine Ridge Irr. Ditch	Irrig.					Sheridan				*419
W. Clay Ck.	Rineker, H. C.	Crawford	Rineker Ditch	Irrig.	.57	11	31	52	Dawes	June	8 1901		618
W. Clay Ck.	Hutzel, John C.	Rushville	Hutzel Ditch	Irrig.	.57	13	31	52	Dawes	April	30 1903		704
W. Clay Ck.	Thornton, H. A.	Crawford	Thornton Ditch	Irrig.	1.14	24	31	52	Dawes	Oct.	24 1904		773
W. Clay, E. Br.	Stewart, H. E.	Crawford	Little Saw Log Ditch	Irrig.	.71	12	30	52	Dawes	Jan.	23 1907		849
W. Clay and Squaw creek	White River Irr. Co.	Crawford	White River Irr.	Irrig.	8.	36	32	52	Dawes	March	3 1902		655
White River	Jacobson, M.	Glen	Jacobson Ditch	Irrig.	.14	32	31	53	Stoux	Oct.	1 1882	561	

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CLAIMS AND APPLICATIONS BY STREAMS IN DIVISION 2-D—(Continued).

Stream	Name of Claimant	Post-Office Address	Name of Ditch	Use to which applied	Second feet granted	Location of Headgate				Date of Priority		Docket No.	App. No.
						S	T	R	County	Month	D Yr.		
White River.....	Hall, Leroy.....	Crawford	Hall's Mill.....	P'wer	24.83	34	32	52	Dawes	Sept.	10 1885	1478a	
White River.....	Diedrickson, N.....	Glen	Diedrickson Ditch.....	Irrig.	.21	1	30	54	Sioux	Sept.	1 1890	593	
White River.....	Harris & Cooper.....	Crawford	Harris & Cooper Ditch.....	Irrig.	16.78	25	32	52	Dawes	March	9 1894		
White River.....	Harris & Cooper.....	Crawford	Harris & Cooper Ditch.....	Irrig.	1.57	25	32	52	Dawes	June	15 1894	1464	
White River.....	Harris & Cooper.....	Crawford	Harris & Cooper Ditch.....	Irrig.	.28	25	32	52	Dawes	Oct.	31 1894		
White River.....	Rasher, C.....	Crawford	Rasher Ditch.....	Irrig.	1.14	19	32	51	Dawes	June	20 1894	467	
White River.....	Welling, N.....	Crawford	Welling Ditch.....	I.&F	.57	17	32	51	Dawes	July	13 1894	469	
White River.....	Carpenter, E. J. & Co.....	Whitney	Carpenter Ditch.....	Irrig.	2.86	1	32	51	Dawes	Dec.	2 1894	1487	
White River.....	White River Irr. Co.....	Crawford	White R. Irr. Co. Ditch.....	I.&P	8.71	35	32	52	Dawes	Dec.	31 1894	1477	
White River.....	Hall, Leroy.....	Crawford	Halls' Ditch No. 2.....	Irrig.	26.04	34	32	52	Dawes	Jan.	10 1895	1478c	
White River.....	Crawford Co.....	Crawford	Crawford Citizens Canal.....	Irrig.	58.	23	31	53	Sioux	Feb.	18 1895	1444	
White River.....	Swartz, E.....	Harrison	Hughson Ditch.....	Irrig.	.07	26	31	55	Sioux	March	15 1895	520	
White River.....	Butterworth, J.....	Crawford	Butterworth Ditch.....	Irrig.	.07	8	31	52	Dawes	May	7 1895	490	
Seepage near													
White River.....	Mason, J. F.....	Glen	Mason's Ditch.....	Irrig.	.14	32	31	53	Dawes	May	12 1896		337
White River.....	Lewis, L. F.....	Harrison	Lewis Ditch.....	Irrig.	.14	27	31	55	Sioux	May	19 1896		340
White River.....	Bartlett, A. M.....	Chadron	E. Jones Ditch.....	Irrig.	.71	18	34	43	Dawes	May	21 1897		391
White River.....	Schwabe, Lens.....	Chadron	Schwabe Ditch.....	Irrig.	1.14	25	34	49	Dawes	June	24 1897		394
White River.....	Wilkinson, Thos.....	Crawford	Wilkinson Ditch.....	Irrig.	.71	24	32	52	Dawes	Nov.	18 1897		421
White River.....	Stewart, A.....	Whitney	Sandy Stewart Ditch.....	Irrig.	.94	10	32	51	Dawes	Jan.	8 1898		427
White River.....	Thompson, H.....	Crawford	Rasher Ditch.....	Irrig.	.50	19	32	51	Dawes	May	23 1898		456
White River.....	Zuen, A., et al.....	Crawford	Zuen & Schmelzle Ditch.....	Irrig.	1.	19	32	51	Dawes	Oct.	13 1898		475
White River.....	Mecham, G. & O., S. R., et al.....	Whitney	Mecham Ditch.....	Irrig.	2.86	17	32	51	Dawes	March	15 1899		500
White River.....	Schafer & Blust.....	Whitney	Schafer & Blust Ditch.....	Irrig.	3.	10	32	51	Dawes	Dec.	18 1899		525
White River.....	Rasher, Frank.....	Crawford	F. Rasher Ditch.....	Irrig.	1.43	19	32	51	Dawes	Jan.	16 1900		534

*Pending.

†Contest pending.

CLAIMS AND APPLICATIONS BY STREAMS IN DIVISION 2-D—(Concluded).

Stream	Name of Claimant	Post-Office Address	Name of Ditch	Use to which applied	Second feet granted	Location of Headgate				Date of Priority		Docket No.	App. No.
						S	T	R	County	Month	D Yr.		
White River.....	Carlson, John.....	Whitney	Carlson Ditch.....	Irrig.	1.43	6	32	50	Dawes	Nov.	26	1900	588
White River.....	Village of Crawford.....	Crawford	Crawford Pump Station.....	P'wer	18.	3	31	52	Dawes	March	30	1903	702
White River.....	Hebbert, Harry.....	Chadron	Hebbert Irr. Ditch.....	Irrig.	3.	34	33	50	Dawes	May	11	1903	707
White River.....	Simmons & Harris Irr. Co.	Whitney	S. H. Irr. Co. Ditch.....	Irrig.	1.43	16	32	51	Dawes	Oct.	26	1903	730
White River.....	Rasher, Chas. E.....	Crawford	Ext. to C. Rasher Ditch.....	Irrig.	1.27	20	32	51	Dawes	Feb.	5	1904	740
White River.....	Schwabe, August.....	Chadron	Schwabe Ditch.....	Irrig.	.57	24	34	49	Dawes	June	13	1904	758
White River.....	Schwabe, August.....	Chadron	Schwabe Power Plant.....	P'wer	5.	24	34	49	Dawes	June	13	1904	759
White River.....	Wright Bros.....	Whitney	Wright's Ditch.....	Irrig.	4.	16	32	51	Dawes	Dec.	5	1904	775
White River.....	Schwabe, Aug.....	Chadron	Schwabe Ditch.....	Irrig.	.26	24	34	49	Dawes	March	19	1906	815
White River.....	Roby, I. M.....	Crawford	Roby Ditch.....	Irrig.	.33	13	31	52	Dawes	Sept.	13	1906	838
White River.....	Stephenson, Ira J.....	Crawford	Stephenson Power Plant.....	P'wer	15.	34	31	53	Sioux	March	15	1907	854
White river.....	White River Irr. Co.....		White River Irr. Co.'s S. Br.....	Irrig.	4.27	25	32	52	Dawes	March	11	1909	936
White River.....	Martens.....	Chadron	Marten's Ditch.....	Irrig.	.29	14	34	48	Dawes	Dec.	26	1902	696
White River.....	Jones, Sarah M.....	Crawford	Jones Ditch.....	Irrig.	.29	9	31	51	Dawes	May	20	1907	860
White River.....	Schwabe, August.....	Chadron	Schwabe Canal.....	Irrig.	3.43	31	31	48	Dawes	July	23	1908	908

CLAIMS AND APPLICATIONS BY STREAMS IN DIVISION 2-E.

Stream	Name of Claimant	Post-Office Address	Name of Ditch	Use to which applied	Second feet granted	Location of Headgate				Date of Priority		Docket No.	App. No.
						S	T	R	County	Month	D Yr.		
Antelope creek	Turner, Geo.	Harrison	Turner Ditch	Irrig.	.86	26	34	57	Sioux	Oct.	31 1894	537	
Antelope creek	Seaman, S. R.	Harrison	Ellis Ditch	Irrig.	.29	9	33	57	Sioux	May	17 1896		338
Antelope creek	Gayhart, M. J.	Montrose	Gayhart Ditch	Irrig.	2.43	16	34	55	Sioux	June	18 1904		760
Antelope creek N. Br.	Story, S. R.	Story	Story's Ditch	Irrig.	2.	8	34	56	Sioux	Nov.	11 1895		168
Boggy creek	Holly, Thos.	Crawford		Irrig.	.11	30	33	54	Sioux	Dec.	31 1888	956	
Boggy creek	Smith, J. W.	Bodare	Smith's Ditch	Irrig.	.29	31	33	54	Sioux	May	1 1892	526	
Boggy creek	Wickersham, H.	Harrison	Witchersham Ditch	Irrig.	3.	31	33	54	Sioux	Feb.	18 1903		701
Boggy ck., Mid Br	Marten, Wm	Bodare	Martin's Ditch	Irrig.	.36	18	32	54	Sioux	May	19 1896		342
Boggy ck., Mid Br	Bannon, J. F.	Bodare	Bannon's Ditch	Irrig.	.06	7	32	54	Sioux	July	1 1896	560	
Boggy ck., Mid Br	Wickersham, H.	Harrison		Irrig.	.06	36	33	55	Sioux	April	25 1906		821
Boggy ck., Mid Br	Wickersham, H.	Harrison	Beaver Dam	Irrig.	.86	7	32	54	Sioux	May	7 1906		822
Boggy ck., Mid Br	Wickersham, H.	Harrison	West Branch Canal	Irrig.	2.14	7	32	54	Sioux	May	7 1906		823
Boggy ck., Mid Br	Hill, Albert F.	Harrison	Hill Irrigation Ditch	Irrig.	.86	11	32	55	Sioux	Jan.	20 1906		886
Cedar creek	Schiltz, C. F.	Harrison	Schilt's C. Creek Ditch	Irrig.	.57	35	33	56	Sioux	May	15 1885	507	
Cedar creek	Valdez, M.	Harrison	Valdez Ditch	Irrig.	.50	10	32	56	Sioux	April	5 1886	976	
Cherry creek	Ruffing, M.	Bodare	Cherry Creek Ditch	Irrig.	.03	29	33	54	Sioux	May	1 1893	549	
Hat creek	Brewster, B. E.	Harrison	W. Hat Creek Ditch	Irrig.	.43	16	32	55	Sioux	June	1 1880	563	
Hat creek	Coffe, Chas. F.	Bodare	C. F. Coffe Ditch	Irrig.	4.29	26	33	55	Sioux	Sept.	1 1881	512	
Hat creek	Brewster, B. E.	Harrison	W. Hat Creek Ditch	Irrig.	.57	16	32	55	Sioux	May	31 1888	553	
Hat creek	Miller, Wm	Bodare	Miller Ditch	Irrig.	.37	23	33	55	Sioux	May	19 1896		341
Hat creek	Haas, Catharine.	Glicerist	Haas Ditch	Irrig.	.09	2	33	55	Sioux	May	8 1899		510
Hat creek	Antrim, Z. F.	Bodare	Antrim's Ditch	Irrig.	.57	3	32	55	Sioux	Dec.	24 1900		594
Hat creek	Antrim, Z. F.	Bodare	Antrim Dam	Irrig.	.57	3	32	55	Sioux	Aug.	20 1906		834

STATE BOARD OF IRRIGATION

CLAIMS AND APPLICATIONS BY STREAMS IN DIVISION 2-E—(Continued).

Stream	Name of Claimant	Post-Office Address	Name of Ditch	Use to which applied	Second feet granted	Location of Headgate				Date of Priority		Docket No.	App. No.
						S	T	R	County	Month	D. Yr.		
Canon trib. to Hat creek	Konrath, Jos.	Montrose	Konrath Ditch	Irrig.	1.43	17	34	54	Sioux	Dec.	23 1905	808	
Draw trib. to Indian creek	Meier, Aug.	Ardmore, S. Dakota	Meier Dam	Irrig.	2.	24	35	55	Sioux	Nov.	5 1900	585	
Draw trib. to Indian creek	Hibbeln, Jno.	Ardmore, S. Dakota	Hibbeln Ditch	Irrig.	.2	24	35	56	Sioux	Oct.	4 1907		872
Jim creek	Daut, L.	Harrison	Daut Bros. Ditch	Irrig.	.96	7	33	56	Sioux	May	15 1899	981	
Jim creek	Nolan, Jas.	Harrison	Woodruff's So. D.	Irrig.	.33	14	33	57	Sioux	May	1 1890	536	
Jim creek	Anderson, Nels.	Harrison	Jim Creek Ditch	Irrig.	.43	8	33	56	Sioux	Dec.	15 1890	502	
Jim creek	Slattery, Wm.	Harrison	Slattery Ditch	Irrig.	.29	13	33	57	Sioux	May	31 1891	543	
Jim O. E. Fork	Wassenberger, J.	Montrose	Wassenberger Ditch	Irrig.	2.29	29	34	54	Sioux	Oct.	13 1900		581
Little Red ck	Zerbst, R.	Harrison	Zerbst Ditch	Irrig.	.14	25	33	56	Sioux	May	1 1893	551	
Lickett creek	Coffee, S. B.	Bodare	Lickett Ditch	Irrig.	1.43	27	33	54	Sioux	March	21 1900		549
Lickett creek	Coffee, S. B.	Bodare	Lickett Ditch	Irrig.		27	33	54	Sioux			*1005	
Long Branch	Borky, S.	Ardmore, S. Dakota	Borky Dam	Irrig.	.64	23	35	54	Sioux	April	19 1900		557
Long Branch	O'Connel, Dennis	Ardmore, S. Dakota	O'Connel Ditch	Irrig.	.20	22	35	54	Sioux	Nov.	10 1900		587
Long Branch	Ebert, L. J.	Ardmore, S. Dakota	Ebert Ditch	Irrig.	.14	19	35	53	Sioux	Aug.	22 1901		635
Monroe creek	Wilcox, E. J.	Harrison	Big Monroe creek Ditch	Irrig.	1.43	33	33	56	Sioux	May	1 1888	506	

*Pending.

CLAIMS AND APPLICATIONS BY STREAMS IN DIVISION 2-E—(Continued).

Stream	Name of Claimant	Post-Office Address	Name of Ditch	Use to which applied	Second feet granted	Location of Headgate				Date of Priority		Docket No.	App. No.
						S	T	R	County	Month	D Yr.		
Monroe creek	Schilt, C. E.	Harrison	Schilt's Monroe Creek	Irrig.	.50	27	33	56	Sioux	July	2 1888	509	
Monroe creek	Noreisch, Wm.	Harrison	Noreisch's Ditch	Irrig.	.04	33	33	56	Sioux	July	19 1895		83
Monroe creek	Jordan, C.	Harrison		Irrig.	2.29	13	33	56	Sioux	Nov.	12 1906		841
Prairie Dog Cr.	Schilt, C. E.	Harrison	Schilt's P. Dg. Ditch	Irrig.	1.14	35	33	56	Sioux	May	31 1886	508	
Plum creek	Ruffing, M.	Harrison	Plum Creek Ditch	Irrig.	.14	33	33	54	Sioux	March	11 1905		784
Sow Belly ck.	Schaefer, P.	Bodare	Old Sow Belly Ditch	Irrig.	3.	7	32	55	Sioux	June	1 1887	533	
Sow Belly ck.	Montgomery, S.	Bodare	Montgomery Ditch	Irrig.	1.	21	33	55	Sioux	Dec.	1 1890	559	
Sow Belly ck.	Jordan, S.	Gilerist	Jordan Ditch	Irrig.	.43	21	33	55	Sioux	June	1 1895	556	
Sow Belly ck.	Jordan, S.	Gilerist	Jordan Ditch	Irrig.	.50	21	33	55	Sioux	May	11 1896		424
Sow Belly ck.	Nutto, F.	Harrison	Nuttos Ditch	Irrig.	.43	24	32	56	Sioux	Sept.	4 1897		404
Sow Belly ck.	Carrol, M. J.	Harrison	Carrol Ditch	Irrig.	.14	7	32	55	Sioux	July	12 1899		516
Sow Belly ck.	Zimmerman, W. H.	Bodare	Zimmerman Ditch	Irrig.	.71	34	33	55	Sioux	Jan.	11 1900		532
Sow Belly ck.	Jordan, S.	Harrison	Jordan Ditch	Irrig.	.14	21	33	55	Sioux	May	26 1902		668
Spg. ck. trib. to Sow Belly ck.	Hall, W. S. and F. M.	Jerico	Hall's Spring Creek Ditch	Irrig.	.57	6	32	55	Sioux	March	26 1889	550	
Spg. ck. trib. to Sow Belly	Schaefer, P.	Bodare	Spring Creek Ditch	Irrig.	.29	7	32	55	Sioux	June	1 1893	532	
Sp. Br. trib to S. W'rbon't C.	Biehle, C.	Harrison	Biehle Ditch	Irrig.	.23	32	33	56	Sioux	April	1 1891	538	
Sp. Br. trib to S. W'rbon't C.	Garton, O. A.	Harrison	Garton Ditch	Irrig.	1.43	31	33	56	Sioux	Oct.	16 1893	503	

CLAIMS AND APPLICATIONS BY STREAMS IN DIVISION 2-E—(Concluded).

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Stream	Name of Claimant	Post-Office Address	Name of Ditch	Use to which applied	Second feet granted	Location of Headgate				Date of Priority		Docket No.	App. No.
						S	T	R	County	Month	D Yr.		
Sp. Br. trib to N. Warbonnet' C.....	Kay, J. L.....	Harrison	Kay's Ditch.....	Irrig.	.14	26	33	57	Sioux	May	1 1887	958	
Sp. Br. trib to Warbonnet' C.....	Nolan, Jas.....	Harrison	Nolan Ditch No. 1.....	Irrig.	.01	23	33	57	Sioux	March	15 1887	957	
Sp. Br. trib. to Warbonnet' C.....	Nolan, Jas.....	Harrison	Nolan Ditch No. 2.....	Irrig.	.29	23	33	57	Sioux	May	1 1888	959	
Squaw creek.....	Dunn, Thos.....	Harrison	Dunn's Ditch.....	Irrig.	.36	15	33	57	Sioux	June	1 1890	552	
Squaw creek.....	Hamlin, N. D.....	Harrison	Hamlin's Ditch.....	Irrig.	.01	10	33	57	Sioux	April	1 1891	555	
Squaw creek.....	Dunn, Thos.....	Harrison	Thos. Dunn's Ditch.....	Irrig.	.57	10	33	57	Sioux	Aug.	5 1895		100
Squaw creek.....	Dunn, P. D.....	Harrison	Phillip Dunn's Ditch.....	Irrig.	.19	3	33	57	Sioux	Jan.	22 1897		376
Squaw ck., W. Br.....	Thomas, S. M.....	Harrison	Thomas Ditch.....	Irrig.	.50	10	33	57	Sioux	July	23 1901		627
Str., no name.....	Coffee, S. D.....	Bodare	Homestead Ditch.....	Irrig.	.22	22	33	54	Sioux	May	31 1890	984	
Str., no name.....	Hunter, H. C.....	Adelia	Hunter Ditch.....	Irrig.	.03	26	33	54	Sioux	May	12 1898		451
Warbonnet ck.....	Brewster, B. E.....	Harrison	Warbonnet Ditch.....	Irrig.	3.63	21	33	56	Sioux	July	31 1880	548	
Warbonnet ck.....	Anderson, T. A.....	Harrison	Warbonnet Ditch No. 2.....	Irrig.	1.48	20	33	56	Sioux	March	11 1908		892
Warbonnet ck., N. Br. of S. B.....	Anderson, J.....	Harrison		Irrig.	.71	30	33	56	Sioux	May	31 1889	539a	
Warbonnet ck., N. Br. of S. B.....	Anderson, J.....	Harrison		Irrig.	.29	30	33	56	Sioux	Dec.	31 1891	539b	
Whitehead ck.....	Harrison, R.....	Adelia	Harrison Ditch.....	Irrig.	.06	18	33	54	Sioux	May	30 1888	547	

*Pending.

REPORT OF SECRETARY

CLAIMS AND APPLICATIONS BY STREAMS IN DIVISION 2-F.

Stream	Name of Claimant	Post-Office Address	Name of Ditch	Use to which applied	Second feet granted	Location of Headgate				Date of Priority		Docket No.	App. No.
						S	T	R	County	Month	D Yr.		
Bazle creek.....	Packard, J. L.....	Creighton	Creighton Mill Race.....	P'wer		21	29	5	Knox			*1002	
Bazle creek.....	Creighton Mill Co.....	Battle Creek.....	Creighton Mills.....	P'wer	.30	21	29	5	Knox	Sept.	24	1908	914
Mud creek.....	Horan, T. W.....	Fort Crook.....	Horan Canal.....	Irrig.	.57	34	14	13	Sarpy	Aug.	12	1909	958
Papillion creek, little	Fricke, A. H.....	Papillion	Papillion Roller Mills.....	P'wer	38.	27	14	12	Sarpy	May	15	1874	1020
Tekamah creek.....	Glasson, Joseph.....	Tekamah	Tekamah Roll Mills.....	P'wer	10.	19	21	11e	Burt	Sept.	17	1906	839
Tekamah creek.....	Glasson, Joseph.....	Tekamah	Tekamah Roll Mills.....	Ice	1.	19	21	11e	Burt	Jan.	21	1908	887

STATE BOARD OF IRRIGATION

The following tables give complete lists of all claims and applications for water which have been granted by the State Board of Irrigation, and which have never been cancelled. In these tables the claims and applications have been arranged for each drainage area, according to the date of priority for that particular drainage area.

These tables will be found valuable in ascertaining the relative rights of appropriators in any water division, when considering a stream as being made up of its tributaries.

STATE BOARD OF IRRIGATION

PRIORITIES, WATER DIVISION NO. 1-A.

No.	Name of Stream	Use	Sec. Ft.	Location			Date of Priority		
				S.	T.	R.	Month	D.	Year
D. 994	Wood River.....	P'wer	40.00	1	9	13	Oct.	16	1873
D. 993	Wood River.....	P'wer	40.00	13	9	14	Nov.	1	1873
D. 995	Wood River.....	P'wer	25.40	13	9	16	May	1	1881
D. 904	Pumpkinseed Creek.....	Irrig.	2.00	5	19	54	Dec.	31	1882
D. 658	White Horse Creek.....	Irrig.	2.86	8	14	30	Dec.	31	1883
D. 635	North Platte River.....	Irrig.	300.00	13	14	34	May	31	1884
D. 915	Pumpkinseed Creek.....	Irrig.	1.43	5	19	54	May	10	1886
D. 825	Lawrence Fork.....	Irrig.	.51	28	18	52	Dec.	31	1886
D. 916	Pumpkinseed Creek.....	Irrig.	1.29	14	19	54	June	1	1887
D. 918	North Platte River.....	Irrig.	1142.86	3	23	58	Sept.	16	1887
D. 905	Pumpkinseed Creek.....	Irrig.	2.86	5	19	54	Dec.	31	1887
D. 919	North Platte River.....	Irrig.	449.43	32	22	54	Jan.	14	1888
D. 748	Clear Creek.....	Irrig.	2.36	32	16	41	July	1	1888
D. 952	North Platte River.....	Irrig.	124.29	17	22	55	Oct.	18	1888
D. 920	North Platte River.....	Irrig.	173.71	27	23	57	Mar.	28	1889
D. 921	North Platte River.....	Irrig.	82.57	4	21	54	April	18	1889
D. 697a	Loneragan Creek.....	Irrig.	2.00	17	15	39	May	10	1889
D. 698	Sand Creek.....	Irrig.	7.00	7	10	15	May	20	1889
D. 699	Loneragan Creek.....	Irrig.	9.14	17	15	39	May	25	1889
D. 923	Winters Creek.....	Irrig.	1.00	3	22	54	Aug.	17	1889
D. 820	Lawrence Fork.....	Irrig.	.57	36	19	52	Oct.	9	1889
D. 821	North Platte River.....	Irrig.	5.71	19	24	50	Oct.	17	1889
D. 823	North Platte River.....	Irrig.	270.00	18	20	51	Dec.	19	1889
D. 830	Greenwood Creek.....	Irrig.	4.00	15	18	50	Feb.	3	1890
D. 763	Blue Creek.....	Irrig.	24.64	18	16	42	May	16	1890
D. 765	Ash Creek.....	Irrig.	1.14	27	16	42	June	14	1890
D. 704	Spring Creek.....	Irrig.	1.57	19	15	37	June	21	1890
D. 926	North Platte River.....	Irrig.	36.90	27	22	55	June	23	1890
D. 836	Springs.....	Irrig.	.50	28	18	49	July	1	1890
D. 645a	Platte River.....	I. & P	200.00	29	12	26	July	5	1890
D. 749	White Tail Creek.....	Irrig.	1.00	36	15	36	July	15	1890
D. 902	Pumpkinseed Creek.....	Irrig.	4.00	7	19	55	July	16	1890
D. 709	North Platte River.....	Irrig.	7.14	34	15	30	Sept.	11	1890
D. 840	Pumpkinseed Creek.....	Irrig.	30.51	30	19	50	Oct.	6	1890
D. 710	North Platte River.....	Irrig.	10.00	20	14	35	Oct.	9	1890
D. 842	Pumpkinseed Creek.....	Irrig.	1.57	26	19	51	Oct.	16	1890
D. 636	Pawnee Creek.....	Irrig.	8.00	13	13	28	Oct.	18	1890
D. 843	Pumpkinseed Creek.....	Irrig.	8.57	33	19	52	Nov.	1	1890
D. 844	North Platte River.....	Irrig.	60.00	1	20	53	Dec.	3	1890
D. 812	Ash Creek.....	Irrig.	1.43	3	16	42	Dec.	31	1890
D. 847	Pumpkinseed Creek.....	Irrig.	2.86	25	19	53	Mar.	12	1891
D. 849	Greenwood Creek.....	Irrig.	6.29	28	18	50	April	6	1891
D. 903	Pumpkinseed Creek.....	Irrig.	1.00	21	19	53	May	27	1891
D. 725	Sand Creek.....	Irrig.	2.43	3	15	40	May	31	1891
D. 868	North Platte River.....	Irrig.	28.57	18	20	51	June	25	1891
D. 870	Springs.....	Irrig.	.29	28	18	51	July	31	1891
D. 861	Lawrence Fork.....	Irrig.	.57	1	18	52	Sept.	11	1891
D. 862	Lawrence Fork.....	Irrig.	1.00	11	18	52	Oct.	23	1891
D. 944	North Platte River.....	Irrig.	4.57	11	21	54	Nov.	1	1891
D. 857	North Platte River.....	Irrig.	188.71	29	20	50	Jan.	20	1892
D. 954	Wind Springs.....	Irrig.	1.43	12	24	55	Mar.	1	1892

REPORT OF SECRETARY

PRIORITIES, WATER DIVISION NO. 1-A—(Continued.)

No.	Name of Stream	Use	Sec. Ft.	Location			Date of Priority		
				S.	T.	R.	Month	D.	Year
D. 886	Camp Creek	Irrig.	1.48	13	18	49	Mar.	16	1892
D. 938	Klowa Creek	Irrig.	9.14	13	21	57	Mar.	23	1892
D. 845	Greenwood Creek	Irrig.	3.00	33	18	50	April	1	1892
D. 881	Scheutz Spring	Irrig.	.21	28	18	50	May	10	1892
D. 941	North Platte River	Irrig.	11.43	21	22	55	June	29	1892
D. 872	S. W. Lower Dugout	Irrig.	.86	4	19	48	Aug.	15	1892
D. 874	North Platte River	Irrig.	100.00	5	20	52	Dec.	26	1892
D. 890	Greenwood Creek	Irrig.	2.00	15	18	50	Jan.	1	1893
D. 875	North Platte River	Irrig.	9.43	22	20	51	Feb.	2	1893
D. 876	Pumpkinseed Creek	Irrig.	18.86	23	19	50	Feb.	20	1893
D. 945	North Platte River	Irrig.	45.71	13	23	58	Mar.	20	1893
D. 906	Pumpkinseed Creek	Irrig.	1.29	25	20	57	April	5	1893
D. 697b	Lonergan Creek	Irrig.	.86	17	15	39	April	27	1893
D. 893	Lawrence Fork	Irrig.	.50	11	18	52	May	1	1893
D. 946	North Platte River	Irrig.	65.57	25	21	53	May	1	1893
D. 754	Clear Creek	Irrig.	14.67	29	16	41	May	30	1893
D. 756	Clear Creek	Irrig.	1.14	32	16	41	May	30	1893
D. 717	White Tail Creek	Irrig.	4.00	36	15	38	June	1	1893
D. 745	Clear Creek	Irrig.	1.14	29	16	41	June	1	1893
D. 719	Lonergan Creek	Irrig.	1.14	17	15	39	July	1	1893
D. 856	North Platte River	Irrig.	32.86	14	13	47	July	1	1893
D. 781	Blue Creek	Irrig.	12.86	6	16	42	Sept.	7	1893
D. 646	Birdwood Creek	Irrig.	100.00	35	15	33	Oct.	21	1893
D. 925	North Platte River	Irrig.	200.00	18	21	53	Dec.	6	1893
D. 785	Blue Creek	Irrig.	107.43	33	17	42	Dec.	27	1893
D. 649	North Platte River	Irrig.	127.00	9	14	31	Dec.	29	1893
D. 652	Birdwood Creek	Irrig.	8.57	22	15	33	Jan.	16	1894
D. 686	Fremont Creek	Irrig.	9.29	15	13	30	Jan.	31	1894
D. 722	North Platte River	Irrig.	186.00	18	14	36	Feb.	2	1894
D. 653	North Platte River	Irrig.	130.00	18	14	33	Feb.	12	1894
D. 786	Blue Creek	Irrig.	12.00	7	16	42	Feb.	24	1894
D. 787	North Platte River	Irrig.	21.37	6	17	45	Mar.	27	1894
D. 788	Blue Creek	Irrig.	61.43	19	16	42	April	2	1894
D. 765	South Platte River	Irrig.	20.00	25	13	41	April	3	1894
D. 883	Pumpkinseed Creek	Irrig.	8.00	27	19	50	April	12	1894
D. 747	Clear Creek	Irrig.	1.00	28	16	41	May	18	1894
D. 662	North Platte River	Irrig.	183.00	12	14	33	May	22	1894
D. 884	Pumpkinseed Creek	Irrig.	3.00	28	19	51	May	29	1894
D. 850	Lawrence Fork	Irrig.	1.14	15	18	52	June	1	1894
D. 891	Middle Creek	Irrig.	.29	28	18	51	June	1	1894
D. 666	Platte River	Irrig.	280.00	17	13	29	June	2	1894
D. 723	South Platte River	Irrig.	30.00	12	13	39	June	5	1894
D. 567	Snake Creek	Irrig.	54.86	6	24	51	June	6	1894
D. 667	North Platte River	Irrig.	270.00	14	14	34	June	6	1894
D. 669	Pawnee Creek	Irrig.	8.57	29	13	27	June	9	1894
D. 789	North Platte River	Irrig.	2.00	2	16	44	June	9	1894
D. 621	Platte River	Irrig.	114.00	25	10	23	June	14	1894
D. 672	Pawnee Creek	Irrig.	10.00	19	13	27	June	15	1894
D. 724	Spring Creek	Irrig.	.57	12	15	40	June	18	1894
D. 622	Platte River	Irrig.	1142.86	18	10	23	June	26	1894
D. 885	Pumpkinseed Creek	Irrig.	.50	23	19	52	June	30	1894

STATE BOARD OF IRRIGATION

PRIORITIES, WATER DIVISION NO. 1-A—(Continued.)

No.	Name of Stream	Use	Sec. Ft.	Location			Date of Priority	
				S.	T.	R.	Month	D. Year
D. 673	Platte River	Irrig.	27.14	29	13	28	July	5 1894
D. 657	North Platte River	Irrig.	71.00	36	14	30	July	7 1894
D. 674	Platte River	Irrig.	10.00	15	13	29	July	7 1894
D. 629	Platte River	Irrig.	20.00	13	8	14	July	23 1894
D. 950	North Platte River	Irrig.	5.71	10	23	58	July	29 1894
D. 676	North Platte River	Irrig.	20.00	36	14	30	Aug.	9 1894
D. 623	Platte River	Irrig.	128.57	6	8	19	Aug.	10 1894
D. 791	North Platte River	Irrig.	20.00	1	16	44	Aug.	14 1894
D. 624	Platte River	Irrig.	400.00	13	19	22	Sept.	15 1894
D. 677	Birdwood Creek	Irrig.	3.00	15	15	33	Sept.	19 1894
D. 645b	Platte River	Irrig.	240.00	29	12	26	Sept.	22 1894
D. 886	North Platte River	Irrig.	5.71	24	18	47	Sept.	24 1894
D. 628	Platte River	Irrig.	180.00	12	8	16	Sept.	24 1894
D. 795	Blue Creek	Irrig.	20.00	21	17	42	Sept.	27 1894
D. 796	Old Water Creek	Irrig.	4.29	26	18	46	Sept.	29 1894
D. 797	North Platte River	Irrig.	40.00	33	17	44	Oct.	5 1894
D. 727	White Tail Creek	Irrig.	2.00	22	15	38	Oct.	12 1894
D. 887	North Platte River	Irrig.	30.00	24	19	49	Oct.	13 1894
D. 679	Platte River	Irrig.	30.00	35	13	28	Oct.	20 1894
D. 680	Platte River	Irrig.	40.00	11	11	26	Oct.	22 1894
D. 681	Platte River	Irrig.	357.14	30	12	26	Oct.	26 1894
D. 730	White Tail Creek	Irrig.	13.86	36	15	38	Oct.	30 1894
D. 625	Platte River	Irrig.	100.00	16	11	25	Nov.	9 1894
D. 800	Blue Creek	Irrig.	21.00	28	17	42	Nov.	20 1894
D. 801	North Platte River	Irrig.	13.14	13	17	45	Dec.	6 1894
D. 802	North Platte River	Irrig.	9.64	2	17	46	Dec.	11 1894
D. 683	South Platte River	Irrig.	30.00	34	14	32	Dec.	17 1894
D. 744	South Platte River	Irrig.	2.86	17	13	30	Dec.	22 1894
D. 803	North Platte River	Irrig.	42.14	30	17	44	Dec.	22 1894
D. 811	North Platte River	Irrig.	2.93	29	16	42	Dec.	24 1894
D. 626	Platte River	Irrig.	614.29	15	11	25	Dec.	28 1894
D. 804	North Platte River	Irrig.	26.57	35	16	42	Jan.	4 1895
D. 805	South Platte River	Irrig.	53.86	7	12	42	Jan.	5 1895
D. 806	North Platte River	Irrig.	10.86	10	16	44	Jan.	5 1895
D. 684	North Platte River	Irrig.	30.00	9	14	32	Jan.	14 1895
D. 807	North Platte River	Irrig.	30.13	16	16	43	Jan.	16 1895
D. 732	North Platte River	Irrig.	5.71	29	15	39	Jan.	19 1895
D. 627	Platte River	Irrig.	300.00	9	10	24	Jan.	22 1895
D. 687	Platte River	Irrig.	642.86	9	13	29	Feb.	23 1895
D. 688	Ravine	Irrig.	1.14	22	14	32	Feb.	25 1895
D. 889	Pumpkinseed Creek	Irrig.	.36	24	19	51	Mar.	1 1895
D. 736	South Platte River	Irrig.	3.14	30	13	40	Mar.	2 1895
D. 691	North Platte River	Irrig.	65.70	20	14	30	Mar.	3 1895
D. 737	North Platte River	Irrig.	4.00	25	15	39	Mar.	23 1895
D. 738	North Platte River	Irrig.	100.00	1	15	42	Mar.	25 1895
D. 888	Pumpkinseed Creek	Irrig.	1.43	25	19	51	Mar.	27 1895
D. 899	North Platte River	Irrig.	7.14	12	16	44	Mar.	27 1895
D. 690	Platte River	Irrig.	2.86	15	13	29	Mar.	28 1895
D. 740	Skunk Creek	Irrig.	2.29	1	14	37	April	1 1895
D. 750	Mathews Creek	Irrig.	1.14	28	15	37	April	1 1895
D. 733	South Platte River	Irrig.	1.43	17	13	39	April	27 1895

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PRIORITIES, WATER DIVISION NO. 1-A—(Continued.)

No.	Name of Stream	Use	Sec. Ft.	Location			Date of Priority	
				S.	T.	R.	Month	D. Year
D. 810	South Platte River	Irrig.	8.93	35	13	42	April	27 1895
D. 751	White Tail Creek	Irrig.	.57	15	15	38	May	15 1895
D. 892	Pumpkinseed Creek	Irrig.	1.00	19	19	51	June	1 1895
A. 1	North Platte River	Irrig.	15.49	16	15	40	June	4 1895
A. 41	Snake Creek	Irrig.	5.71	30	25	51	June	22 1895
D. 964	Clear Creek	Irrig.	1.43	4	15	41	June	30 1895
A. 69	Coon Creek	Irrig.	.71	34	15	37	July	3 1895
A. 160	Golden Creek	Irrig.	2.17	25	15	39	Sept.	17 1895
A. 184	South Platte River	Irrig.	1.43	2	13	36	Oct.	17 1895
A. 186	North Platte River	Irrig.	15.00	4	21	51	Oct.	22 1895
A. 231	South Platte River	Irrig.	13.43	5	13	37	Feb.	17 1896
A. 243	North Platte River	Irrig.	168.29	14	18	47	Feb.	24 1896
A. 283	South Platte River	Irrig.	1.46	22	13	40	April	14 1896
A. 294	Greenwood Creek	Irrig.	.57	10	18	50	May	6 1896
D. 842	Pumpkinseed Creek	Irrig.	.71	26	19	51	June	1 1896
A. 357	South Platte River	Irrig.	4.86	16	13	39	July	10 1896
A. 327	North Platte River	Irrig.	20.00	31	19	48	July	18 1896
A. 350	North Platte River	Irrig.		4	21	54	July	22 1896
A. 353	North Platte River	Irrig.	3.43	1	19	50	Aug.	15 1896
A. 370	South Platte River	Irrig.	6.62	24	13	40	Dec.	15 1896
A. 365	North Platte River	Irrig.	208.51	4	23	58	Mar.	15 1897
A. 393	South Platte River	Irrig.	180.00	14	12	43	June	14 1897
A. 407	Horse Creek	Irrig.	3.71	33	23	58	Sept.	10 1897
A. 411	Owl Creek	Irrig.	.78	12	22	58	Sept.	17 1897
A. 410	Spring Branch	Irrig.	.57	35	15	37	Sept.	24 1897
A. 418	North Platte River	Irrig.	29.71	16	20	51	Oct.	25 1897
A. 420	White Tail Creek	Irrig.	1.43	36	15	38	Oct.	29 1897
A. 449	Spotted Tail Creek	Irrig.	1.00	10	23	56	May	2 1898
A. 476	Lawrence Fork	Irrig.	.57	1	18	52	Oct.	13 1898
A. 482	South Platte River	Irrig.	3.57	4	12	42	Nov.	8 1898
A. 486	Lawrence Fork	Irrig.	1.43	1	18	52	Nov.	25 1898
A. 515	Blue Creek	Irrig.	4.00	33	17	42	July	14 1899
A. 545a	Wood River	Irrig.	.03	8	9	15	Mar.	14 1900
A. 545b	Wood River	P'wer	10.00	8	9	15	Mar.	14 1900
A. 550	Lawrence Fork	Irrig.	1.00	11	18	52	Mar.	23 1900
A. 570	W. Buffalo Creek	Irrig.	.07	23	11	23	July	2 1900
A. 576	Platte River	Irrig.	58.00	8	9	32	Sept.	28 1900
A. 602	Birdwood Creek	Irrig.	5.00	3	16	33	Mar.	1 1901
A. 606	Sand Creek	Irrig.	3.07	10	15	40	Mar.	18 1901
A. 641	Kiowa Creek	Irrig.	2.43	11	22	58	Oct.	18 1901
A. 650	Willow Creek	Irrig.	.57	16	19	56	Jan.	21 1902
A. 651	Willow Creek	Irrig.	.86	16	19	56	Jan.	21 1902
A. 659	Little Spring Creek	Irrig.	.57	29	15	37	April	1 1902
A. 660	North Platte River	Irrig.	600.00	3	23	58	April	14 1902
A. 662b	White Tail Creek	Irrig.	45.70	26	15	38	April	26 1902
A. 669	Lawrence Fork	Irrig.	1.43	11	18	52	May	27 1902
A. 670	Lawrence Fork	Irrig.	.57	11	18	52	May	27 1902
A. 674	Harpers Spring Branch	Irrig.	2.00	1	18	52	June	16 1902
A. 698	Pumpkinseed Creek	Irrig.	3.00	2	19	55	Jan.	24 1903
A. 699	Pumpkinseed Creek	Irrig.	3.00	1	19	55	Jan.	24 1903
A. 711	Pumpkinseed Creek	Irrig.	9.43	7	19	55	June	24 1903

PRIORITIES, WATER DIVISION NO. 1-A--(Continued.)

No.	Name of Stream	Use	Sec. Ft.	Location			Date of Priority	
				S.	T.	R.	Month	D. Year
A. 717	Browns Creek	Irrig.	.43	19	20	48	July	17 1908
A. 722	Pumpkinseed Creek	Irrig.	.57	25	19	53	Aug.	19 1903
A. 742	Horse Creek	Irrig.	.86	34	23	58	Feb.	29 1904
A. 743	Spotted Tail Creek	Irrig.	1.43	2	23	58	Mar.	2 1904
A. 745	Sheep Creek	Irrig.	1.00	10	24	58	Mar.	23 1904
A. 746	Kiowa Creek	Irrig.	1.71	31	22	57	Mar.	25 1904
A. 751	Borrow Pits	Irrig.	.29	19	21	52	April	23 1904
A. 768	North Platte River	Irrig.		19	29	88	Sept.	19 1904
A. 770	Owl Creek	Irrig.	1.14	12	22	58	Oct.	10 1904
A. 778	Huntington Springs	Irrig.	1.43	9	20	58	Dec.	23 1904
A. 805	Lake Creek	Irrig.	8.57	14	14	36	Nov.	24 1905
A. 819	Pumpkinseed Creek	Irrig.	2.29	2	19	55	April	20 1906
A. 836	Pumpkinseed Creek	Irrig.	.86	8	19	55	Sept.	1 1906
A. 843	White Tail Creek	Irrig.	4.29	26	15	38	Nov.	30 1908
A. 844	Greenwood Creek	Irrig.	8.86	10	18	50	Dec.	5 1906
A. 851	Pumpkinseed Creek	Irrig.	.43	29	19	50	Feb.	28 1907
A. 853	Greenwood Creek	Irrig.	1.50	10	18	50	Mar.	11 1907
A. 855	Pumpkinseed Creek	Irrig.	25.00	23	19	50	Mar.	26 1907
A. 902	North Platte River	Irrig.	115.71	18	20	51	Mar.	28 1907
A. 889	Spoonhill Creek	Irrig.	3.57	36	27	58	May	18 1907
A. 865	Lower Dugout Creek	Irrig.	1.00	27	20	48	July	18 1907
A. 866	North Platte River	Irrig.	1.00	18	20	51	July	20 1907
A. 868	Tributary to North Platte River	Irrig.	4.00	35	14	30	Sept.	6 1907
A. 871	Sheep Creek	Irrig.	5.14	1	26	58	Sept.	21 1907
A. 873	Tributary of Sheep Creek	Irrig.	.27	19	26	57	Oct.	25 1907
A. 875	Sheep Creek	Irrig.	.37	11	25	58	Nov.	2 1907
A. 876	Sheep Creek	Irrig.	1.79	25	56	58	Nov.	2 1907
A. 877	Sheep Creek	Irrig.	1.29	25	26	58	Nov.	2 1907
A. 879	Owl Creek	Irrig.	2.86	12	22	58	Nov.	29 1907
A. 880	Kiowa Creek	Irrig.	.57	1	22	58	Nov.	29 1907
A. 881	Owl Creek	Irrig.	.57	12	22	58	Nov.	29 1907
A. 885	Sheep Creek	Irrig.	2.86	36	27	58	Jan.	20 1908
A. 888	Pumpkinseed Creek	Irrig.	10.00	31	20	56	Jan.	23 1908
A. 890	Sheep Creek	Irrig.	2.50	2	25	58	Feb.	24 1908
A. 903	South Platte River	Irrig.	4.29	16	13	39	May	7 1908
A. 918	Buckhorn Springs	Irrig.	2.29	8	14	36	Oct.	3 1908
A. 921	Horse Creek	Irrig.	8.00	4	22	60	Nov.	24 1908
A. 937	Lake	Irrig.	6.43	26	21	54	Mar.	19 1909
A. 948	Lost Creek	Irrig.	2.50	25	17	44	May	19 1909
A. 968	Skunk Creek	Irrig.	5.00	6	14	36	Nov.	5 1909
A. 974	Sand Creek	Irrig.	15.71	9	14	36	Jan.	3 1910
A. 983	Horse Creek	Irrig.	9.00	33	23	58	Feb.	21 1910
A. 984	Horse Creek	Irrig.	24.00	8	22	60	Feb.	25 1910
A. 986	Wind Springs Creek	Irrig.	2.86	12	24	55	Mar.	14 1910
A. 991	North Platte River	Irrig.	3.00	14	18	47	April	6 1910
A. 994	Horse Creek	Irrig.	2.00	33	23	58	April	21 1910
A.1000	Horse Creek	Irrig.	1.07	27	23	58	May	19 1910
A.1001	White Tail Creek	Irrig.	1.76	26	15	38	May	27 1910
A.1002	Spring Creek	Irrig.	1.13	9	15	37	May	27 1910
A.1003	White Tail Creek	Irrig.	9.00	27	15	37	May	27 1910

REPORT OF SECRETARY

PRIORITIES, WATER DIVISION NO. 1-A—(Concluded).

No.	Name of Stream	Use	Sec. Ft.	Location			Date of Priority			
				S.	T.	R.	Month	D.	Year	
A.1004	Pumpkinseed Creek	Irrig.	.19	5	19	55	June	.....	2	1910
A.1005	Lower Dugout Creek	Irrig.	.29	4	19	48	June	.....	23	1910
A.1009	Blue Creek	P ^w er	62.50	4	18	43	July	.....	18	1910
A.1028	Platte River	P ^w er	1500.00	20	12	7	Sept.	.....	28	1910

STATE BOARD OF IRRIGATION

PRIORITIES, WATER DIVISION NO. 1-B.

No.	Name of Stream	Use	Sec. Ft.	Location			Date of Priority	
				S.	T.	R.	Month	D. Year
D. 183	Turkey Creek	P'wer		4	1	16	Dec.	31 1874
D. 92	Medicine Creek	P'wer	68.00	29	4	25	Dec.	31 1878
D. 185	Big Cottonwood Creek	Irrig.	.50	25	2	15	Dec.	31 1881
D. 185	Big Cottonwood Creek	P'wer		25	2	15	Dec.	31 1881
D. 138	Rock Creek	I. & P	4.29	17	1	39	Dec.	31 1883
D. 138	Horse Creek	Irrig.	1.86	23	1	39	Aug.	31 1885
D. 173	Horse Creek							
D. 181	Red Willow Creek	P'wer		16	3	28	Jan.	1 1886
D. 178	Frenchman River	P'wer	35.00	11	5	36	July	31 1886
D. 1013	Frenchman River	P'wer	30.00	18	6	40	Sept.	30 1887
D. 179	Frenchman River	P'wer	28.30	21	6	39	Dec.	31 1887
D. 50	Frenchman River	Irrig.	2.00	3	5	38	July	1 1888
D. 56	Frenchman River	Irrig.	2.00	1	5	38	July	1 1888
D. 108	Republican River	I. & P	1.43	27	3	30	July	1 1888
D. 24	Frenchman River							
	Stinging Water Ore.	Irrig.	215.00	31	5	33	May	16 1890
D. 115	Republican River, N. Fork	Irrig.	11.00	11	1	42	Sept.	25 1890
D. 117	Buffalo Creek	Irrig.	6.00	18	1	40	Oct.	16 1890
D. 118	Republican River	Irrig.	45.00	24	1	39	Nov.	22 1890
D. 171	Buffalo Creek	Irrig.	2.86	1	1	41	Nov.	26 1890
D. 3	Republican River	Irrig.	143.00	15	3	31	Dec.	22 1890
D. 4	Republican River	Irrig.	7.00	20	3	31	Dec.	18 1890
D. 47	Frenchman River	I. & P	64.86	23	6	40	Dec.	23 1890
D. 5	Republican River	I. & P	32.00	10	2	34	Dec.	24 1890
D. 95	Red Willow Creek	Irrig.	35.00	16	3	28	Jan.	23 1891
D. 50	Frenchman River	Irrig.	.50	3	5	38	Feb.	2 1891
D. 133	Republican River	Irrig.	2.86	24	1	39	Mar.	19 1891
D. 102	Republican River	Irrig.	18.00	27	3	30	May	5 1891
D. 89	Republican River	I. & P	170.00	28	4	25	Aug.	29 1891
D. 147	Republican River	Irrig.	30.00	29	1	38	May	2 1892
D. 150	Republican River	Irrig.	3.00	22	1	40	April	29 1893
D. 10	Frenchman River	Irrig.	10.00	11	3	32	Dec.	19 1893
D. 647	Red Willow Lake	Irrig.	2.00	36	9	33	Dec.	20 1893
D. 11	Republican River	Irrig.	4.29	16	3	31	Jan.	22 1894
D. 151	Republican River	Irrig.	2.00	1	1	37	Jan.	26 1894
D. 57	Stinking Water Creek	Irrig.	2.88	10	7	38	Mar.	10 1894
D. 153	Republican River	Irrig.	10.00	10	1	37	Mar.	27 1894
D. 154	Republican River	Irrig.	2.00	24	1	40	June	5 1894
D. 91	Republican River	Irrig.	8.00	8	3	21	June	9 1894
D. 108	Republican River	I. & P	12.00	23	3	29	June	11 1894
D. 62	Frenchman River	Irrig.	25.00	4	5	36	June	12 1894
D. 155	Republican River	Irrig.	2.00	20	1	37	July	28 1894
D. 18	Frenchman River	Irrig.	12.00	9	4	32	July	23 1894
D. 156	Republican River	Irrig.	13.00	29	1	37	Aug.	5 1894
D. 182	Center Creek	Irrig.	4.00	1	1	15	Aug.	11 1894
D. 38	Frenchman River	I. & P	10.00	32	5	33	Aug.	23 1894
D. 66	Stinking Water Creek	Irrig.	2.51	28	7	37	Sept.	24 1894
D. 109	Republican River	I. & P	4.50	32	3	29	Oct.	4 1894
D. 67	Frenchman River	Irrig.	2.00	1	5	38	Oct.	9 1894
D. 68	Frenchman River	Irrig.	2.00	3	5	38	Oct.	16 1894

PRIORITIES, WATER DIVISION NO. 1-B—(Continued).

No.	Name of Stream	Use	Sec. Ft.	Location			Date of Priority		
				S.	T.	R.	Month	D	Year
D. 70	Frenchman River	Irrig.	6.00	12	6	41	Dec.	8	1894
D. 175	Stinking Water Creek	Irrig.	4.57	36	7	37	Dec.	21	1894
D. 42	Frenchman River	Irrig.	2.00	15	5	35	Dec.	28	1894
D. 157	Republican River	Irrig.	20.00	17	1	37	Jan.	7	1895
D. 74	Frenchman River	Irrig.	5.00	3	5	37	Jan.	14	1895
D. 75	Frenchman River	Irrig.	24.00	10	5	37	Jan.	14	1895
D. 110	Republican River	I.&P	14.00	2	3	26	Jan.	26	1895
D. 76	Stinking Water Creek	Irrig.	2.00	13	7	38	Jan.	28	1895
D. 77	Stinking Water Creek	Irrig.	1.50	14	7	38	Jan.	29	1895
D. 78	Stinking Water Creek	Irrig.	1.77	14	7	38	Jan.	29	1895
D. 83	Medicine Creek	Irrig.	1.43	27	7	27	Feb.	8	1895
D. 111	Red Willow Creek	Irrig.	2.00	17	3	28	Feb.	18	1895
D. 79	Frenchman River	Irrig.	1.50	17	6	40	Feb.	28	1895
A. 237	Indian Creek	Irrig.	.93	8	2	37	June	20	1895
A. 261	Indian Creek	Irrig.	.31	10	2	37	June	20	1895
A. 265	Rock Creek	Irrig.	.36	31	2	39	June	20	1895
A. 268	Indian Creek	Irrig.	1.43	23	2	36	June	22	1895
A. 56	Stinking Water Creek	Irrig.	.91	14	7	38	June	27	1895
A. 57	Stinking Water Creek	Irrig.	.70	4	7	38	June	27	1895
A. 240	Indian Creek	Irrig.	.06	18	2	36	Oct.	4	1895
A. 251	Cook Creek	Irrig.	1.00	4	1	18	Feb.	21	1896
A. 246	Frenchman River	Irrig.	.93	21	6	39	Feb.	25	1896
A. 373	Spring Creek	Irrig.	1.29	19	1	37	Dec.	31	1896
A. 364	Springs, trib. to Horse Creek	Irrig.	.57	11	1	39	Jan.	12	1897
A. 413	Republican River	Irrig.	1.00	25	1	40	Oct.	7	1897
A. 423	Frenchman River	Irrig.	1.77	25	6	39	Dec.	21	1897
A. 436	Frenchman River	Irrig.	6.43	17	6	40	Feb.	10	1898
A. 483	Big Cottonwood Creek	P'wer	6.00	25	2	16	Nov.	23	1898
A. 483	Big Cottonwood Creek	Irrig.	1.06	25	2	16	Nov.	23	1898
A. 501	Coates Creek	I.&P	.37	33	2	14	Mar.	6	1899
A. 526	Rock Creek	Irrig.	.33	13	2	40	Dec.	18	1899
A. 535	Republican River	Ice	10.00	32	3	29	Jan.	22	1900
A. 537	Republican River	Irrig.	11.00	35	3	30	Jan.	31	1900
A. 577	Republican River	Irrig.	20.00	29	1	39	Aug.	22	1900
A. 591	Frenchman River	P'wer	34.40	21	6	39	Dec.	12	1900
A. 644	Republican, South Fork	Irrig.	.79	36	1	38	Nov.	13	1901
A. 648	Center Creek	Irrig.	.29	36	2	15	Jan.	10	1902
A. 665	Crooked Creek	Fish	1.00	1	1	11	May	7	1902
A. 705	Frenchman River	Irrig.	4.29	35	5	34	April	30	1903
A. 708	Frenchman River	P'wer	19.00	35	5	34	May	12	1903
A. 714	Frenchman River	Irrig.	20.00	8	4	33	July	6	1903
A. 720	Frenchman River	Irrig.	2.57	35	5	34	Aug.	11	1903
A. 748	Frenchman River	P'wer	12.00	35	5	34	April	5	1904
A. 781	Red Willow Creek	Irrig.	14.29	31	4	28	Feb.	27	1905
A. 824	Springs trib. to Horse Creek	Irrig.	1.57	14	1	39	May	11	1906
A. 828	Republican River	Irrig.	9.14	9	2	34	July	13	1906
A. 858	Medicine Creek	P'wer	11.88	16	8	29	May	4	1907
A. 907	Stinking Water Creek	P'wer	30.00	30	5	33	June	30	1908
A. 924	Buffalo Creek	Irrig.	4.29	18	1	40	Dec.	12	1908
A. 935	Frenchman River	Irrig.	.86	19	3	34	Mar.	11	1909
A. 949	Republican River	P'wer	150.00	27	4	23	June	1	1909

STATE BOARD OF IRRIGATION

PRIORITIES, WATER DIVISION NO. 1B—(Concluded).

No.	Name of Stream	Use	Sec. Ft.	Location			Date of Priority		
				S.	T.	R.	Month	D.	Yea.
A. 975	Frenchman River	Irrig.	10.46	35	5	34	Jan.	15	1910
A. 979	Arickaree River	Irrig.	171.00	15	1	42	Jan.	21	1910
A. 997	Republican River	Irrig.	26530 a						
			24.00	27	1	41	April	29	1910
A. 998	Rock Creek	P'wer	17.00	no	ra	ce	May	2	1910
A. 999	Rock Creek	P'wer	17.00	8	1	39	May	2	1910
A. 1021	Frenchman River	P'wer	50.00	35	5	34	Aug.	17	1910

REPORT OF SECRETARY

PRIORITIES, WATER DIVISION NO. 1-D.

No.	Name of Stream	Use	Sec. Ft.	Location			Date of Priority		
				S.	T.	R.	Month	D.	Year
D. 963	Beaver Creek	P'wer	40.00	7	10	2w	Nov.	1	1878
A. 81	Turkey Creek	Irrig.	1.21	4	7	3e	July	16	1895
A. 211	Blue River, West Fork	Irrig.	7.14	32	9	3e	Dec.	20	1895
A. 214	Blue River, West Fork	P'wer	105.00	32	9	3e	Dec.	20	1895
A. 455	Bear Creek	D.&I	1.00	36	4	6e	May	20	1898
A. 977	Big Blue River	P'wer	500.00	13	4	5e	Jan.	19	1910
A.1006	Big Blue River	P'wer	200.00	19	9	4e	July	8	1910
A.1030	Big Blue River	P'wer	500.00	12	3	6e	Oct.	14	1910
A.1035	Big Blue River	P'wer	500.00	4	8	4e	Oct.	31	1910

PRIORITIES, WATER DIVISION NO. 1-E.

No.	Name of Stream	Use	Sec. Ft.	Location			Date of Priority	
				S.	T.	R.	Month	D. Year
D. 347	Lodge Pole Creek	Irrig.	1.50	29	15	55	Dec.	31 1876
D. 368	Lodge Pole Creek	Irrig.	1.14	35	14	50	Oct.	1 1878
J. 305	Lodge Pole Creek	Irrig.	1.43	1	14	52	June	1 1879
D. 339	Lodge Pole Creek	Irrig.	1.71	20	14	50	April	15 1880
D. 338	Lodge Pole Creek	Irrig.	.50	20	14	50	April	15 1882
D. 373	Lodge Pole Creek	Irrig.	2.50	8	14	51	June	30 1882
D. 346	Lodge Pole Creek	Irrig.	3.71	30	15	54	July	1 1882
D. 308	Lodge Pole Creek	Irrig.	.86	14	14	51	Sept.	1 1882
D. 320	Lodge Pole Creek	Irrig.	.57	36	14	49	April	30 1883
D. 321	Lodge Pole Creek	Irrig.	.71	36	14	49	April	30 1883
D. 322	Lodge Pole Creek	Irrig.	.57	36	14	49	April	30 1883
D. 317	Lodge Pole Creek	Irrig.	2.29	31	14	48	May	1 1883
D. 309	Lodge Pole Creek	Irrig.	4.29	29	14	47	May	31 1883
D. 814	Lodge Pole Creek	Irrig.	2.29	21	13	45	Dec.	31 1884
D. 388	Lodge Pole Creek	Irrig.	2.71	33	15	56	Dec.	31 1884
D. 312	Lodge Pole Creek	Irrig.	2.00	36	14	47	Dec.	31 1884
D. 969	Lodge Pole Creek	Irrig.	1.14	26	14	47	Jan.	1 1885
D. 336	Lodge Pole Creek	Irrig.	.86	31	14	47	April	10 1885
D. 323	Lodge Pole Creek	Irrig.	1.14	32	14	48	May	1 1885
D. 813	Lodge Pole Creek	Irrig.	1.00	18	13	45	Dec.	31 1885
D. 351	Lodge Pole Creek	Irrig.	3.31	23	15	55	April	16 1886
D. 324	Lodge Pole Creek	Irrig.	2.29	32	14	48	Oct.	10 1886
D. 301	Lodge Pole Creek	Irrig.	1.29	34	14	49	April	30 1887
D. 300	Lodge Pole Creek	Irrig.	0.71	34	14	49	April	30 1887
D. 816	Lodge Pole Creek	Irrig.	2.29	36	14	49	May	1 1887
D. 966	Lodge Pole Creek	Irrig.	1.00	26	14	48	May	1 1887
D. 318	Lodge Pole Creek	Irrig.	1.14	36	14	49	July	1 1887
D. 304	Lodge Pole Creek	Irrig.	0.86	8	14	51	Sept.	1 1887
D. 330	Lodge Pole Creek	Irrig.	2.29	28	14	47	July	31 1888
D. 303	Lodge Pole Creek	Irrig.	1.43	35	14	49	Aug.	1 1888
D. 340	Lodge Pole Creek	Irrig.	2.43	3	14	58	April	11 1889
D. 341	Lodge Pole Creek	Irrig.	1.43	8	14	58	April	12 1889
D. 302	Lodge Pole Creek	Irrig.	0.86	35	14	49	April	27 1889
D. 342	Lodge Pole Creek	Irrig.	0.79	30	15	55	May	6 1889
D. 343	Lodge Pole Creek	Irrig.	3.14	7	14	58	May	6 1889
D. 344	Lodge Pole Creek	I. & P	0.43	30	15	55	May	6 1889
D. 345	Lodge Pole Creek	Irrig.	2.00	33	15	56	May	14 1889
D. 349	Lodge Pole Creek	Irrig.	0.50	33	15	57	May	28 1889
D. 307	Spring Creek	Irrig.	2.29	31	14	46	May	29 1889
D. 350	Lodge Pole Creek	Irrig.	1.14	31	15	56	June	4 1889
D. 333	Lodge Pole Creek	Irrig.	0.43	31	14	46	June	10 1889
D. 319	Lodge Pole Creek	Irrig.	0.43	36	14	49	June	26 1889
D. 296	Lodge Pole Creek	Irrig.	9.14	3	13	46	June	25 1889
D. 297	Lodge Pole Creek	Irrig.	4.57	33	14	46	June	25 1889
D. 325	Lodge Pole Creek	Irrig.	3.00	29	14	48	June	26 1889
D. 352	Lodge Pole Creek	Irrig.	.71	28	15	54	Aug.	16 1889
D. 353	Lodge Pole Creek	Irrig.	1.43	12	14	59	Sept.	4 1889
D. 329	Lodge Pole Creek	Irrig.	2.50	33	14	50	March	25 1891
D. 371	Lodge Pole Creek	Irrig.	1.43	3	14	52	July	1 1891
D. 354	Lodge Pole Creek	Irrig.	2.57	26	15	56	Oct.	1 1891

PRIORITIES, WATER DIVISION NO. 1-E—(Concluded).

No.	Name of Stream	Use	Sec. Ft.	Location			Date of Priority	
				S.	T.	R.	Month	D. Year
D. 366	Lodge Pole Creek	Irrig.	.57	7	14	51	April	15 1893
D. 367	Lodge Pole Creek	Irrig.	.43	7	14	51	April	15 1893
D. 365	Lodge Pole Creek	Irrig.	1.00	36	14	50	June	1 1893
D. 306	Lodge Pole Creek	Irrig.	2.00	31	14	46	Dec.	30 1893
D. 968	Lodge Pole Creek	Irrig.	1.00	29	14	48	May	1 1894
D. 372	Lodge Pole Creek	Irrig.	.57	10	14	51	June	1 1894
D. 370	Lodge Pole Creek	Irrig.	1.43	10	14	52	Sept.	1 1894
D. 337	Lodge Pole Creek	Irrig.	.36	14	14	51	Nov.	1 1894
D. 335	Spring Creek	Irrig.	.04	14	13	51	March	19 1895
D. 369	Lodge Pole Creek	Irrig.	.50	10	14	52	Aug.	1 1895
D. 967	Lodge Pole Creek	Irrig.	2.20	33	14	47	May	10 1896
A. 381	Lodge Pole Creek	Irrig.	.14	30	15	53	March	3 1897
A. 437	Lodge Pole Creek	Irrig.	.57	4	13	46	Feb.	16 1898
A. 454	Lodge Pole Creek	Irrig.	.21	36	15	57	May	16 1898
A. 504	Lodge Pole Creek	Irrig.	3.00	2	14	58	April	15 1899
A. 563	Lodge Pole Creek	Irrig.	2.00	17	13	45	May	31 1900
A. 565	Lodge Pole Creek	Irrig.	1.89	36	13	45	June	12 1900
A. 600	Lodge Pole Creek	Irrig.	2.86	12	13	46	Feb.	14 1901
A. 611	Lodge Pole Creek	Irrig.	1.29	26	13	45	April	17 1901
A. 612	Lodge Pole Creek	Irrig.	2.01	23	13	45	April	17 1901
A. 623	Spring Creek	Irrig.	.29	36	14	47	July	1 1901
A. 657	Lodge Pole Creek	Irrig.	700 a ft	21	15	55	March	13 1902
A. 661	Lodge Pole Creek	Irrig.	.90	1	12	45	April	16 1902
A. 683	Lodge Pole Creek	Irrig.	.57	27	15	54	July	25 1902
A. 684	Lodge Pole Creek	Irrig.	.57	26	15	54	July	25 1902
A. 691	Lodge Pole Creek	Irrig.	1.87	23	15	55	Oct.	2 1902
A. 703	Lodge Pole Creek	Irrig.	1.50	34	15	57	April	24 1903
A. 718	Lodge Pole Creek	Irrig.	2.86	33	15	56	July	25 1903
A. 719	Lodge Pole Creek	Irrig.	.93	30	15	55	Aug.	3 1903
A. 723	Lodge Pole Creek	Irrig.	.57	15	14	51	Aug.	20 1903
A. 724	Lodge Pole Creek	Irrig.	.14	30	15	55	Sept.	9 1903
A. 725	Lodge Pole Creek	Irrig.	11.00	29	15	55	Sept.	12 1903
A. 727	Lodge Pole Creek	Irrig.	.51	36	15	57	Sept.	16 1903
A. 734	Lodge Pole Creek	Irrig.	1.75	29	15	55	Dec.	15 1903
A. 806	Lodge Pole Creek	Irrig.	.79	34	15	57	Dec.	6 1905
A. 842	Lodge Pole Creek	Irrig.	2.00	36	15	57	Nov.	16 1906
A. 847	Lodge Pole Creek	Irrig.	19.86	36	13	45	Jan.	4 1907
A. 850	Lodge Pole Creek	Irrig.	3.57	12	12	45	Aug.	18 1906
A. 857	Lodge Pole Creek	Irrig.	2.86	36	15	57	April	9 1907
A. 869	Lodge Pole Creek	Irrig.	1.57	31	15	56	Sept.	16 1907
A. 870	Lodge Pole Creek	Irrig.	.50	12	14	59	Sept.	21 1907
A. 882	Lodge Pole Creek	Irrig.	12.40	36	13	45	Dec.	4 1907
A. 897	Lodge Pole Creek	Irrig.	a. ft.	36	15	57	April	15 1908
A. 906	Lodge Pole Creek	Irrig.	.50	30	14	47	June	25 1908
A. 922	Lodge Pole Creek	Irrig.	1.00	36	15	57	Dec.	1 1908
A. 934	Lodge Pole Creek	Irrig.	1.00	29	15	54	Feb.	17 1909

PRIORITIES, WATER DIVISION NO. 2-A.

No.	Name of Stream	Use	Sec. Ft.	Location			Date of Priority	
				S.	T.	R.	Month	D. Year
D. 229	Middle Loup River	P'wer	125.00	26	17	16	Fall	of 1888
D. 227	North Loup River	Irrig.	143.00	27	19	14	Sep.	30 1893
D. 210	Victoria Creek	Irrig.	2.29	1	19	21	March	17 1894
D. 202	Middle Loup River	Irrig.	560.29	15	21	22	June	6 1894
D. 289	Looking Glass Creek	Irrig.	2.86	1	17	3	June	12 1894
D. 290	Spring Creek	Irrig.	1.33	2	17	3	June	25 1894
D. 194	Caw Creek	Irrig.	2.29	7	26	27	July	14 1894
D. 213	Victoria Creek	I. & P	4.29	1	19	21	July	17 1894
D. 189	North Loup River	I. & P	40.00	25	27	29	Aug.	7 1894
D. 214	Middle Loup River	Irrig.	88.57	15	19	18	Aug.	8 1894
D. 229	Middle Loup River	Irrig.	2.44	26	17	16	Aug.	13 1894
D. 215	Middle Creek	Irrig.	.50	33	17	20	Aug.	14 1894
D. 198	Middle Loup River	I. & P	43.00	4	23	29	Aug.	25 1894
D. 224	North Loup River	Irrig.	110.00	27	21	17	Sep.	7 1894
D. 199	Middle Loup River	Irrig.	2.86	31	24	29	Sep.	8 1894
D. 221	Cedar River	Irrig.	175.00	22	21	12	Sep.	14 1894
D. 217	Victoria Creek	Irrig.	4.00	3	19	21	Sep.	22 1894
D. 216	Middle Loup River	Irrig.	140.00	30	21	21	Oct.	19 1894
D. 287	Beaver River	Irrig.	3.57	22	20	6	Dec.	8 1894
D. 292	Shell Creek	Irrig.	3.00	19	18	1	Dec.	17 1894
D. 292	Shell Creek	P'wer	30.50	19	18	1	Dec.	17 1894
D. 236	South Loup River	Irrig.	15.57	29	12	15	Dec.	28 1894
D. 219	South Loup River	P'wer	20.00	10	14	21	Jan.	17 1895
D. 219	South Loup River	Irrig.	.50	10	14	21	Jan.	17 1895
D. 205	North Loup River	I. & P	115.14	35	23	21	Feb.	17 1895
D. 220	Middle Loup River	I. & P	18.29	36	20	21	Feb.	17 1895
D. 282	Elkhorn River	Irrig.	.71	24	29	13	Feb.	18 1895
D. 283	Elkhorn River	Irrig.	5.00	32	29	11	Feb.	20 1895
D. 209	Goose Creek	Irrig.	8.00	18	25	24	April	3 1895
D. 187	Goose Creek	Irrig.	10.00	2	25	25	June	1 1895
A. 2	Shell Creek	Irrig.	1.00	24	18	1	June	6 1895
A. 40	Platte River	I. & P	2500.00	30	17	4	June	21 1895
A. 113	Middle Loup River	Irrig.	4.29	30	22	24	Aug.	12 1895
A. 129	Loup River	I. & P	1200.00	17	17	3	Aug.	24 1895
A. 152	North Loup River	I. & P	51.43	27	23	22	Sep.	10 1895
A. 219b	Beaver Creek, Looking Glass Creek							
	Loup River, Shell Creek	Irrig.	64.33	24	17	4	Jan.	25 1896
A. 248	Middle Loup River	I. & P	5.71	16	22	25	Feb.	21 1896
A. 262	Middle Loup River	Irrig.	20.00	16	17	16	March	6 1896
A. 277	Beaver River	Irrig.	.14	14	17	4	March	31 1896
A. 291	Loup River	I. & P	300.00	13	15	8	April	28 1896
A. 345	Goose Creek	Irrig.	65.00	33	25	24	June	22 1896
A. 301	North Loup River	I. & P	242.86	30	22	19	June	5 1896
A. 363	South Loup River	I. & P	.86	31	17	24	Feb.	23 1897
A. 390	South Loup River	Irrig.	.38	27	18	26	May	1 1897
A. 397	Gracie Creek	Irrig.	.29	29	23	17	July	9 1897
A. 442	Middle Loup River	Irrig.	1.71	20	19	17	March	5 1898
A. 527	Loup River	Irrig.	200.00	27	17	4	Dec.	26 1899
A. 527	Loup River	P'wer	800.00	27	17	4	Dec.	26 1899
A. 530	Platte River	P'wer	2500.00	30	17	4	Jan.	2 1900
A. 573	Middle Loup River	P'wer	27.00	35	20	20	Aug.	16 1900

REPORT OF SECRETARY

PRIORITIES, WATER DIVISION NO. 2-A—(Concluded).

No.	Name of Stream	Use	Sec. Ft.	Location			Date of Priority		
				S.	T.	R.	Month	D.	Year
A. 624	Platte River	P'wer	1500.00	29	17	4	July	6	1901
A. 636	Cedar River	P'wer	200.00	12	16	6	Sep.	9	1901
A. 639	Beaver River	P'wer	87.00	26	20	6	Oct.	3	1901
A. 653	Loup River	P'wer	1200.00	27	17	4	Feb.	1	1902
A. 700	Loup River	P. & I	2700.00	27	17	4	June	10	1903
A. 764	Barton Creek Trib to Calamus R.	Irrig.	3.00	6	24	19	July	20	1904
A. 807	Dry Creek	Irrig.	4.29	24	23	17	Dec.	27	1905
A.1034	Middle Loup River	P'wer	300.00	10	14	10	Oct.	29	1910

PRIORITIES, WATER DIVISION NO. 2-B.

No.	Name of Stream	Use	Sec. Ft.	Location			Date of Priority	
				S.	T.	R.	Month	D. Year
D. 996	Elkhorn, River South Branch	P'wer	100.00	23	24	1	March	1 1870
D. 271	Elkhorn River	P'wer	38.50	30	30	14	Nov.	1 1883
D. 258	Elkhorn River	Irrig.	131.43	22	29	13	Feb.	3 1894
D. 263	Elkhorn River							
D. 260	Elkhorn River	Irrig.	143.00	31	29	11	Feb.	8 1894
D. 261	Elkhorn River	Irrig.	1.00	32	29	11	Feb.	8 1894
D. 262	Elkhorn River	Irrig.	5.00	30	29	11	Feb.	8 1894
D. 282	Elkhorn River	Irrig.	0.71	24	29	13	Feb.	18 1895
D. 283	Elkhorn River	Irrig.	5.00	32	29	11	Feb.	20 1895
A. 29	Springs	Irrig.	.07	13	14	13e	June	18 1895
A. 415	Silver Creek	Ice	10.00	7	13	9e	Oct.	18 1897
A. 443	Elkhorn River	Irrig.	2.29	30	30	14	Feb.	14 1898
A. 464	Elkhorn River, South Branch	P'wer	33.00	3	26	9	Aug.	21 1898
A. 473	Wahoo Creek	Ice	10.00	34	13	9e	Sep.	22 1898
A. 484	Battle Creek	P'wer	10.67	36	24	3	Nov.	13 1898
A. 489	Oak Creek	Irrig.	.71	17	10	6e	Jan.	4 1899
A. 795	Platte and Elkhorn	P'wer	3000.00	19	15	10e	June	12 1905
A. 818	Battle Creek	P'wer	20.00	36	24	3	April	20 1906
A. 883	Middle Creek	P.& 1	10.00	30	10	6e	Dec.	26 1907
A. 970	Platte River	P'wer	2500.00	6	14	10e	Nov.	24 1909
A. 971	Elkhorn River	P'wer	500.00	14	15	10e	Nov.	24 1909

REPORT OF SECRETARY

PRIORITIES, WATER DIVISION NO. 2-C.

No.	Name of Stream	Use	Sec. Ft.	Location			Date of Priority	
				S.	T.	R.	Month	D. Year
D. 554	Niobrara River	Irrig.	7.14	1	30	57	Oct.	1 1883
D. 606	Middle Creek	Irrig.	.71	32	33	23	June	1 1884
D. 619	Rock Creek	Irrig.	.07	25	33	22	Jan.	1 1885
D. 514a	Niobrara River	Irrig.	2.86	9	29	56	May	1 1885
D. 610	Niobrara River	Irrig.	60.00	16	33	24	April	1 1886
D. 513a	Niobrara River	Irrig.	8.21	25	29	56	May	1 1887
D. 593	Rock Springs	Irrig.	1.43	12	32	32	June	30 1887
D. 442	Niobrara River	Irrig.	7.14	36	29	51	Aug.	1 1887
D. 566	Niobrara River	Irrig.	7.14	9	28	52	May	1 1888
D. 609	Bear Creek	Irrig.	.23	35	32	21	June	20 1888
D. 617	Newman Creek	Irrig.	.21	17	33	24	July	1 1888
D. 615	Cross Creek	Irrig.	.21	8	33	24	Sept.	1 1888
D. 608a	Crooked Creek	P'wer	3.00	19	34	19	Dec.	31 1889
D. 513b	Niobrara River	Irrig.	1.71	25	29	56	May	1 1890
D. 514b	Niobrara River	Irrig.	2.14	9	29	56	May	15 1890
D. 582	Spring Creek	Irrig.	1.00	22	32	20	May	19 1891
D. 980	Niobrara River	Irrig.	3.54	1	28	56	May	31 1891
D. 616	West Middle Creek	Irrig.	.50	29	33	23	June	1 1891
D. 510	Niobrara River	Irrig.	2.40	19	31	57	June	8 1891
D. 604	Wyman Creek	Irrig.	.80	19	32	19	June	10 1891
D. 620	Beeman Creek	Irrig.	1.00	23	32	20	May	20 1892
D. 608	Old Beeman Creek	Irrig.	.43	21	32	20	June	1 1892
D. 517	Niobrara River	Irrig.	8.57	3	28	55	July	1 1892
D. 415	Pine Creek	P'wer	32.00	33	30	44	June	5 1893
D. 442	Niobrara River	P'wer	2.86	31	29	50	Aug.	1 1893
D. 414	Sweeney Canyon	Irrig.	.21	29	34	25	Aug.	10 1893
D. 612a	Garfield Creek	P'wer	25.00	31	33	23	Sept.	1 1893
D. 970	Niobrara River	P'wer	35.00	5	28	51	Sept.	10 1893
D. 459	Niobrara River	Irrig.	.57	25	29	50	Jan.	10 1894
D. 461	Niobrara River	Irrig.	5.71	28	29	50	Jan.	27 1894
D. 462	Niobrara River	Irrig.	3.64	29	29	50	Feb.	29 1894
D. 612b	Fairfield Creek	Irrig.	.14	31	33	23	April	1 1894
D. 511	Niobrara River	Irrig.	2.86	36	31	57	May	1 1894
D. 607	Snider Creek	Irrig.	.01	31	32	19	May	1 1894
D. 587	Wyman Creek	Irrig.	.14	17	32	19	June	5 1894
D. 463	Niobrara River	Irrig.	.86	29	29	49	June	15 1894
D. 618	Cub Creek	Irrig.	.03	16	33	22	June	30 1894
D. 264	East Brush Creek	I. & P	.50	24	32	14	July	1 1894
D. 611	Holt Creek	Irrig.	.14	1	34	21	Aug.	1 1894
D. 583	Niobrara River	Irrig.	8.57	25	32	20	Aug.	7 1894
D. 248	Verdigris Creek	Irrig.	2.86	8	28	8	Aug.	11 1894
D. 266	West Brush Creek	I. & P	.73	26	32	14	Aug.	15 1894
D. 589	Cub Creek	Irrig.	.10	28	33	22	Aug.	15 1894
D. 267	Blackbird Creek	I. & P	1.00	20	31	11	Aug.	18 1894
D. 270	Blackbird Creek	Irrig.	.20	32	31	11	Aug.	28 1894
D. 273	Bluebird Creek	Irrig.	1.00	26	30	11	Sept.	7 1894
D. 573	Keya Paha River	Irrig.	1.14	23	34	15	Sept.	7 1894
D. 276	Eagle Creek	Irrig.	.43	2	30	13	Sept.	11 1894
D. 276	Eagle Creek	Irrig.	1.00	2	30	13	Sept.	11 1894
D. 275	Eagle Creek	Irrig.	2.86	6	30	13	Sept.	18 1894
D. 575	Niobrara River	Irrig.	1.00	12	33	16	Oct.	1 1894

STATE BOARD OF IRRIGATION

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PRIORITIES, WATER DIVISION NO. 2-C—(Continued).

No.	Name of Stream	Use	Sec. Ft.	Location			Date of Priority	
				S.	T.	R.	Month	D. Year
D. 591	Niobrara River	Irrig.	5.71	18	32	21	Oct.	18 1894
D. 590	Jewett Creek	Irrig.	.71	5	32	21	Oct.	23 1894
D. 592	Huggings Creek	Irrig.	.14	21	35	20	Nov.	6 1894
D. 474	Niobrara River	Irrig.	150.00	26	29	48	Nov.	28 1894
D. 274	Eagle Creek, South Branch	I. & P	1.14	8	30	13	Nov.	30 1894
D. 405	Plum Creek	Irrig.	26.00	4	29	24	Dec.	18 1894
D. 400	Stream, no name	Irrig.	.14	4	31	20	Jan.	1 1895
D. 394	Rock Creek	I. & P	6.43	33	32	18	Jan.	8 1895
D. 395	Rock Creek	Irrig.	.36	29	32	18	Jan.	17 1895
D. 479	Niobrara River	Irrig.	1.43	27	29	48	Jan.	24 1895
D. 505	Niobrara River	Irrig.	1.57	27	31	57	Feb.	13 1895
D. 481	Cottonwood Creek	Irrig.	.71	17	29	48	Feb.	16 1895
D. 595	Holt Creek	Irrig.	.14	32	35	20	Feb.	23 1895
D. 521	Niobrara River	Irrig.	2.86	23	29	56	Feb.	25 1895
D. 518	Niobrara River	Irrig.	2.00	6	28	54	March	12 1895
D. 290	Eagle Creek	Irrig.	2.29	1	30	14	March	15 1895
D. 485	Niobrara River	Irrig.	2.86	35	29	51	March	26 1895
D. 397	Rock Creek, Branch	Irrig.	.86	9	31	18	April	3 1895
D. 973	Boardman Creek	Irrig.	6.86	6	29	33	April	25 1895
D. 568	Niobrara River	Irrig.	2.86	10	28	52	May	15 1895
D. 601	Spotted Tail Creek	Irrig.	.07	4	34	17	May	17 1895
A. 65	Whistle Creek	Irrig.	.86	13	28	54	June	6 1895
A. 4	Niobrara River	Irrig.	1.00	33	30	56	June	8 1895
A. 5	Niobrara River	Irrig.	1.16	29	30	56	June	10 1895
A. 53	Niobrara River	Irrig.	.86	1	28	52	June	26 1895
A. 58	Whistle Creek	Irrig.	1.00	12	28	54	June	28 1895
D. 608b	Burton Creek	Irrig.	1.57	19	34	19	Aug.	20 1895
A. 60	Niobrara River	Irrig.	3.14	6	28	54	July	3 1895
A. 82	Niobrara River	Irrig.	1.16	19	29	46	July	17 1895
A. 88	Niobrara River	Irrig.	5.71	9	28	53	July	22 1895
D. 613	Beeman Creek	Irrig.	.29	23	32	20	July	25 1895
A. 139	Lewis Spring Creek	Irrig.	.14	29	35	19	Aug.	30 1895
A. 142	Burton Creek	Irrig.	2.00	2	33	20	Sep.	2 1895
A. 149	Horse Head Creek	Irrig.	.17	16	33	24	Sep.	7 1895
A. 158	Stream, no name	Irrig.	.10	5	33	24	Sep.	16 1895
A. 173	Niobrara River	Irrig.	14.29	29	29	47	Sep.	27 1895
A. 278	Abitz Creek	I. & P	.36	18	30	13	March	23 1896
A. 292	Niobrara River	Irrig.	1.00	4	28	34	April	27 1896
A. 329	Plum Creek	Irrig.	.43	35	32	23	May	5 1896
A. 336	Cotton wood Creek	Irrig.	.64	22	29	48	May	9 1896
A. 311	Young Creek	Irrig.	.21	32	33	11	June	13 1896
A. 322	Shobe and Sizer Branch	Irrig.	.14	30	33	11	July	6 1896
A. 359	Minnehaduza Creek	P'wer	35.00	30	34	27	Sep.	12 1896
A. 448	Niobrara River	Irrig.	1.93	29	29	49	April	9 1898
A. 452	Niobrara River	P'wer	150.00	9	33	13	May	14 1898
A. 469	Niobrara River	Irrig.	5.14	25	29	50	Aug.	29 1898
A. 474	Brush Creek	P'wer	15.00	23	33	13	Sep.	28 1898
A. 479	Bear Creek	Irrig.	.02	3	32	21	Oct.	3 1898
A. 512	Wooden Spring Branch	Irrig.	.21	25	35	20	June	19 1899
A. 533	Box Butte Creek	Irrig.	.21	29	29	45	Jan.	13 1900
A. 539	Turkey Creek	Irrig.	.43	35	33	23	Feb.	9 1900

REPORT OF SECRETARY

PRIORITIES, WATER DIVISION NO. 2-C—(Concluded).

No.	Name of Stream	Use	Sec. Ft.	Location			Date of Priority		
				S.	T.	R.	Month	D.	Year
A. 542	Niobrara River	Irrig.	1.00	29	30	56	March	5	1900
A. 544	Wooden Spring	Irrig.	.14	25	35	20	March	12	1900
A. 546	Niobrara River	Irrig.	1.71	19	30	56	March	17	1900
A. 555	Spring Creek	Irrig.	.03	27	34	25	March	30	1900
A. 575	Niobrara River	Irrig.	.43	27	29	48	Sep.	27	1900
A. 607	Niobrara River	Irrig.	.30	26	29	48	March	18	1901
A. 617	Niobrara River	Irrig.	.27	32	29	48	June	1	1901
A. 652	Niobrara River	P'wer	160.00	27	34	27	Jan.	29	1902
A. 667	Big Sandy Creek	I. & P	1.14	12	34	14	May	16	1902
A. 676	Ashburn Creek	Irrig.	.43	27	34	26	June	17	1902
A. 685	Big Sandy Creek	P'wer	35.00	12	33	14	Aug.	28	1902
A. 729	Keya Paha River	P'wer	100.00	24	34	16	Oct.	3	1903
A. 747	Kibby Creek	Irrig.	.01	28	34	16	April	1	1904
A. 753	West Middle Creek	Irrig.	1.00	29	33	23	May	2	1904
A. 754	Turkey Creek	Irrig.	2.00	35	33	23	May	12	1904
A. 757	Niobrara River	Irrig.	6.00	26	29	48	May	19	1904
A. 766	Niobrara River and Pepper Creek	Irrig.	4.57	28	29	47	Aug.	8	1904
A. 791	Niobrara River	Irrig.	2.00	6	28	53	May	12	1905
A. 798	Antelope Creek	Irrig.	.36	21	32	40	June	29	1905
A. 799	Pole Creek	Irrig.	.57	28	32	40	June	29	1905
A. 863	Dry Canyon	Irrig.	14.29	36	30	54	July	5	1907
A. 898	Willow Creek	Irrig.	.16	10	29	50	April	20	1908
A. 899	Niobrara River	Irrig.	10.43	35	29	49	April	20	1908
A. 900	Niobrara River	Irrig.	3.29	27	29	48	April	21	1908
A. 941	Long Pine Creek	P'wer	48.00	30	30	20	April	2	1909
A. 947	Plum Creek	P'wer	150.00	29	32	22	May	15	1909
A. 961	Niobrara River	P'wer	900.00	34	32	7	Sep.	24	1909
A. 981	Minnechduza Creek	P'wer	40.00				Feb.	10	1910
A. 1015	Walnut Spring	W. S.	1.00	31	30	20	Ang.	1	1910
A. 1016	Long Pine Creek	P'wer	50.00	31	30	20	Aug.	1	1910
A. 1027	Cedar Creek	Irrig.	.43	4	30	24	Sep.	28	1910

PRIORITIES, WATER DIVISION NO. 2-D.

No.	Name of Stream	Use	Sec. Ft.	Location			Date of Priority	
				S.	T.	R.	Month	D. Year
D. 447	East Ash Creek	Irrig.	2.86	31	32	50	May	31 1880
D. 522	Kyle Creek	Irrig.	.57	3	30	54	June	30 1882
D. 982	Charcoal Creek	Irrig.	.11	33	31	53	Aug.	1 1882
D. 561	White River	Irrig.	.14	32	31	53	Oct.	1 1882
D. 546	Soldier Creek	Irrig.	.14	5	31	53	April	30 1883
D. 557	Spring Branch trib. to White River	Irrig.	.17	34	31	54	June	1 1883
D. 428	West Ash Creek	Irrig.	1.00	2	31	51	July	31 1884
D. 478a	White River	Irrig.	24.83	34	32	52	Jan.	10 1885
D. 494	Big Bordeaux Creek	Irrig.	.07	11	32	48	June	30 1886
D. 525	Deep Creek	Irrig.	.06	9	30	53	May	1 1887
D. 438	East Ash Creek	Irrig.	1.14	32	32	50	July	1 1888
D. 492	Springs trib. to Hopper Creek	Irrig.	1.00	7	31	51	Dec.	31 1889
D. 493	Dead Horse Creek	Irrig.	.01	32	32	49	Sep.	1 1890
D. 562	White River	Irrig.	.21	1	30	50	Sep.	1 1890
D. 430	Big Bordeaux Creek	Irrig.	.14	36	33	48	Sep.	10 1890
D. 426	Chadron Creek	Irrig.	.09	15	33	49	Dec.	20 1890
D. 425	Little Cottonwood Creek	Irrig.	.36	8	32	52	Dec.	21 1890
D. 434	Big Bordeaux Creek	Irrig.	.29	14	33	48	Feb.	4 1891
D. 437	Bordeaux Creek	Irrig.	.07	15	33	48	March	1 1891
D. 441	Springs	Irrig.	.14	30	32	49	April	2 1891
D. 427	Dead Horse Creek	Irrig.	.03	32	32	49	April	10 1891
D. 960	White Clay Creek	Irrig.	1.64	35	32	52	May	18 1891
D. 446	Bordeaux Creek	Irrig.	.36	36	33	48	Sep.	7 1892
D. 975	Bordeaux Creek	Irrig.	.23	25	33	48	Dec.	31 1892
D. 450	Bordeaux Creek	Irrig.	.14	2	32	48	March	5 1893
D. 448	Little Bordeaux Creek	Irrig.	.57	13	33	48	June	1 1893
D. 452	West Ash Creek	Irrig.	1.62	36	32	51	July	4 1893
D. 453	Chadron Creek	I. & P	.20	12	32	45	July	13 1893
D. 454	Chadron Creek	I. & P	.07	12	32	49	July	14 1893
D. 455	Ash Creek	I. & P	.03	12	32	51	July	15 1893
D. 983	Big Bordeaux Creek	Irrig.	.14	23	33	48	July	31 1893
D. 457	Dead Horse Creek	Irrig.	.17	9	31	49	Aug.	27 1893
D. 489	Indian Creek	Irrig.	.03	3	31	50	Nov.	1 1893
D. 460	Indian Creek	Irrig.	.07	33	32	50	Feb.	13 1894
D. 464	White River	Irrig.	16.79	25	32	52	March	9 1894
D. 466	Spring Creek	Irrig.	.86	13	32	52	May	10 1894
D. 475	White Clay Creek	Irrig.	1.14	13	31	52	May	15 1894
D. 443	Little Bordeaux	Irrig.	.11	33	33	47	June	1 1894
D. 464	White River	Irrig.	1.57	25	32	52	June	15 1894
D. 468	Chadron Creek	Irrig.	.57	1	32	49	June	17 1894
D. 467	White River	Irrig.	1.14	19	32	51	June	20 1894
D. 445	Bordeaux Creek	Irrig.	.21	21	34	48	July	1 1894
D. 469	White River	Irrig.	.57	17	32	51	July	13 1894
D. 418	Sheridan Creek	Irrig.	.07	27	34	45	Aug.	1 1894
D. 488	Dead Horse Creek	Irrig.	.01	32	32	49	Aug.	1 1894
D. 491	Big Bordeaux Creek	Irrig.	.09	15	33	48	Aug.	25 1894
D. 464	White River	Irrig.	.28	25	32	52	Oct.	31 1894
D. 473	Spring Creek	Irrig.	2.00	7	32	51	Dec.	1 1894
D. 487	White River	Irrig.	2.86	1	32	51	Dec.	2 1894
D. 477	White River and White Clay Creek	Irrig.	8.71	35	32	52	Dec.	31 1894

REPORT OF SECRETARY

PRIORITIES, WATER DIVISION NO. 2-D—(Continued).

No.	Name of Stream	Use	Sec. Ft.	Location			Date of Priority		
				S.	T.	R.	Month	D.	Year
D. 477	White River and White Clay Creek	Irrig.	1.00	35	32		52 Dec.	31	1894
D. 478c	White River	Irrig.	26.04	34	32		52 Jan.	10	1895
D. 501	White River	I. & P	58.00	23	31		53 Feb.	13	1895
D. 444	White River								
D. 519	Bull Creek	Irrig.	.29	7	30		53 March	13	1895
D. 520	White River	Irrig.	.07	26	31		55 March	15	1895
D. 423	Beaver Creek	Irrig.	.36	18	34		46 April	15	1895
D. 974	Beaver Creek	Irrig.	.03	1	31		47 April	18	1895
D. 490	White River	Irrig.	.07	3	31		52 May	7	1895
A. 8	Little Cottonwood	Irrig.	2.86	8	32		52 June	10	1895
A. 27	Squaw Creek	Irrig.	.29	19	31		51 June	17	1895
A. 42	White Clay Creek	Irrig.	3.71	2	31		52 June	22	1895
D. 465	Trunk Butte Creek	Irrig.	.07	26	32		50 June	28	1895
A. 330	Beaver Creek	Irrig.	.35	4	32		46 July	30	1895
A. 203	Deep Creek	Irrig.	.20	9	30		53 Oct.	5	1895
A. 183	Little Cottonwood Creek	Irrig.	1.14	9	32		51 Oct.	16	1895
A. 189	Sand Creek	Irrig.	.57	35	32		53 Nov.	19	1895
A. 256	White Clay Creek	Irrig.	.71	30	31		52 Feb.	27	1896
	Little Sawlog Creek								
A. 333	Squaw Creek	Irrig.	2.29	36	32		52 May	8	1896
A. 334	Deadman Creek	Irrig.	.21	19	30		52 May	8	1896
A. 337	Seepage	Irrig.	.14	32	31		53 May	12	1896
A. 340	White River	Irrig.	.14	27	31		55 May	19	1896
A. 380	Cedar Canyon	Irrig.	.43	16	33		53 March	1	1897
A. 391	White River	Irrig.	.71	25	34		49 June	24	1897
A. 394	White River	Irrig.	1.14	24	31		49 June	24	1897
A. 409	Ravine	Irrig.	.71	21	33		52 Sep.	20	1897
A. 463	Beaver Creek	Irrig.	.64	1	34		47 Nov.	14	1897
A. 421	White River	Irrig.	.71	24	32		52 Nov.	18	1897
A. 427	White River	Irrig.	.94	10	32		51 Jan.	8	1898
A. 432	Bordeaux Creek	Irrig.	.14	9	34		48 Jan.	17	1898
A. 431	West Ash Creek	Irrig.	.14	25	32		51 Feb.	3	1898
A. 444	Big Cottonwood	Irrig.	2.20	10	33		52 March	8	1898
A. 456	White River	Irrig.	.50	19	32		51 May	23	1898
A. 459	Ash Creek	Irrig.	.63	6	32		50 June	17	1898
A. 475	White River	Irrig.	1.00	19	32		51 Oct.	13	1898
A. 478	Bordeaux Creek	Irrig.	.35	14	33		48 Oct.	19	1898
A. 491	Ash Creek	Irrig.	1.00	13	32		51 Jan.	10	1899
A. 493	East Ash Creek	Irrig.	1.43	30	32		50 Jan.	26	1899
A. 494	Bordeaux Creek	Irrig.	.14	14	33		48 Jan.	28	1899
A. 500	White River	Irrig.	2.86	17	32		57 March	15	1899
A. 513	Beaver Creek	Irrig.	.35	4	33		46 June	19	1899
A. 520	East Ash Creek	Irrig.	.38	5	31		50 Sep.	12	1899
A. 521	Little Cottonwood Creek	Irrig.	1.14	9	32		51 Sep.	12	1899
A. 525	White River	Irrig.	3.00	10	32		51 Dec.	18	1899
A. 528	Cottonwood Creek	Irrig.	18.00	10	33		52 Dec.	26	1899
A. 534	White River	Irrig.	1.43	19	32		51 Jan.	16	1900
A. 540	Indian Creek, tributary	Irrig.	.57	28	32		50 Feb.	15	1900
A. 547	Deadman Creek	Irrig.	.14	18	30		52 March	19	1900
A. 551	Sand Creek, tributary	Irrig.	.50	31	33		53 April	2	1900
A. 559	Indian Creek	Irrig.	.86	28	32		50 April	30	1900

PRIORITIES, WATER DIVISION NO. 2-D—(Continued).

No.	Name of Stream	Use	Sec. Ft.	Location			Date of Priority		
				S.	T.	R.	Month	D.	Year
A. 560	Little Cottonwood Creek	Irrig.	.40	8	32	51	May	19	1900
A. 562	Deadman Creek	Irrig.	1.43	1	30	53	May	29	1900
A. 546	Deadman Creek	Irrig.	.14	18	30	52	June	11	1900
A. 584	West Bordeaux Creek	Irrig.	4.00	36	33	48	Nov.	5	1900
A. 538	White River	Irrig.	1.43	6	32	50	Nov.	26	1900
A. 618	White Clay Creek	Irrig.	.57	11	31	52	June	8	1901
A. 649	Little Cottonwood Creek	Irrig.	1.43	9	32	52	Jan.	14	1902
A. 655	White Clay Creek								
	Squaw Creek	Irrig.	8.00	36	32	52	Mar.	3	1902
A. 656	Little Cottonwood	Irrig.	.29	3	32	52	Mar.	10	1902
A. 658	Dead Horse Creek	Irrig.	.16	17	32	49	Mar.	18	1902
A. 663	Spring Creek	Irrig.	.57	20	32	52	April	28	1902
A. 677	Little Cottonwood	Irrig.	.71	8	32	51	June	30	1902
A. 681	Beaver Creek	Irrig.	1.00	9	33	46	July	2	1902
A. 690	Bordeaux Creek	Irrig.	.57	28	34	48	Sep.	22	1902
A. 696	White River	Irrig.	.29	14	34	48	Dec.	26	1902
A. 702	White River	P'wer	18.00	3	31	52	Mar.	30	1903
A. 704	White Clay Creek	Irrig.	.57	13	31	52	April	30	1903
A. 706	Rush Creek	Irrig.	3.00	10	34	49	May	4	1903
A. 707	White River	Irrig.	3.00	34	33	50	May	11	1903
A. 730	White River	Irrig.	1.43	16	32	51	Oct.	26	1903
A. 735	Ash Creek	Irrig.	1.14	13	32	51	Dec.	26	1903
A. 739	Spring Creek	Irrig.	1.71	21	32	52	Jan.	15	1904
A. 740	White River	Irrig.	1.29	20	32	51	Feb.	5	1904
A. 749	Dead Horse Creek	Irrig.	1.29	32	33	49	April	6	1904
A. 758	White River	Irrig.	.57	24	34	49	June	13	1904
A. 759	White River	Irrig.	5.00	24	34	49	June	13	1904
A. 763	Madden Creek	Irrig.	.57	26	35	49	July	11	1904
A. 767	Sand Creek	Irrig.	30.00	32	33	52	Sep.	12	1904
A. 771	Madden Creek	Irrig.	.57	31	35	48	Oct.	17	1904
A. 772	English Creek	Irrig.	.86	12	31	52	Oct.	24	1904
A. 773	White Clay Creek	Irrig.	1.14	24	31	52	Oct.	24	1904
A. 775	White River	Irrig.	4.00	16	32	51	Dec.	5	1904
A. 770	Sand Creek	Irrig.	2.57	26	33	53	Jan.	12	1905
A. 780	Bordeaux Creek	Irrig.	.31	14	32	48	Feb.	27	1905
A. 783	Little Bordeaux Creek	Irrig.	7.00	29	33	47	Mar.	6	1905
A. 786	Soldier Creek	Irrig.	1.43	4	31	53	Mar.	25	1905
A. 788	Spring Creek	Irrig.	2.29	13	32	52	April	7	1905
A. 789	Lone Tree Creek	Irrig.	1.00	28	34	51	April	29	1905
A. 803	Hooker Creek	Irrig.	1.21	31	32	51	Nov.	17	1905
A. 811	Sand Creek	Irrig.	17.00	3	32	52	Jan.	8	1906
A. 815	White River	Irrig.	.26	24	34	49	Mar.	19	1906
A. 825	Rush Creek	Irrig.	1.57	11	34	49	May	31	1906
A. 830	Madden Creek	Irrig.	1.21	6	34	48	Aug.	1	1906
A. 835	Ash Creek	Irrig.	.57	13	32	54	Aug.	27	1906
A. 838	White River	Irrig.	.33	13	31	52	Sep.	3	1906
A. 484	Bordeaux Creek	Irrig.	1.14	21	34	48	Jan.	14	1907
A. 849	Little Saw Log	Irrig.	.71	12	30	52	Jan.	23	1907
A. 852	Eact Sawlog	Irrig.	1.14	25	31	52	Mar.	5	1907
A. 854	White River	P'wer	15.00	34	31	53	Mar.	15	1907
A. 800	Stream, no name	P'wer	.20	9	31	51	May	20	1907

REPORT OF SECRETARY

PRIORITIES, WATER DIVISION NO. 2-D--(Concluded).

No.	Name of Stream	Use	Sec. Ft.	Location			Date of Priority	
				S.	T.	R.	Month	D. Year
A. 884	East Waw Log	Irrig.	.29	5	30	51	Jan.	13 1908
A. 908	Dry Canyon	Irrig.	3.43	31	34	48	July	23 1908
A. 915	Hooker Creek	F. & I	1.43	30	32	51	Sep.	24 1908
A. 919	Dry Run	Irrig.	1.00	35	34	49	Nov.	9 1908
A. 931	Kane Creek	Irrig.	4.29	29	34	52	Jan.	14 1909
A. 936	White River.....	Irrig.	4.29	25	32	52	Mar.	11 1909
A. 936	White Clay Creek.....							
A. 995	Little Cottonwood							
		Irrig.	.29	13	32	53	April	22 1911

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PRIORITIES, WATER DIVISION NO. 2-E.

No.	Name of Stream	Use	Sec. Pt.	Location			Date of Priority	
				S.	T.	R.	Month	D. Year
D. 553	Hat Creek	Irrig.	.43	16	32	55	June	1 1880
D. 548	Warbonnet Creek	Irrig.	3.63	21	33	56	July	31 1880
D. 512	Hat Creek	Irrig.	4.29	26	33	55	Sep.	1 1881
D. 507	Cedar Creek	Irrig.	.57	35	33	56	May	15 1885
D. 076	Cedar Creek	Irrig.	.50	10	32	56	April	5 1886
D. 553	West Hat Creek	Irrig.	.57	16	32	55	May	31 1886
D. 508	Prairie Creek	Irrig.	1.14	35	33	56	Mar.	31 1886
D. 560	Boggy Creek	Irrig.	.06	7	32	54	July	1 1886
D. 957	Warbonnet Creek, Branch	Irrig.	.01	23	33	57	Mar.	15 1887
D. 958	Warbonnet, North Branch	Irrig.	.14	26	33	57	May	1 1887
D. 533	Sowbelly Creek	Irrig.	3.00	7	32	55	June	1 1887
D. 506	Big Monroe Creek	Irrig.	1.43	33	33	56	May	1 1888
D. 959	Warbonnet Creek, Branch	Irrig.	.29	23	33	57	May	1 1888
D. 547	Tributary of White Head Creek	Irrig.	.06	13	33	51	May	30 1888
D. 509	Monroe Creek	Irrig.	.50	27	33	56	July	2 1888
D. 959	Boggy Creek	Irrig.	.11	30	33	54	Dec.	31 1888
D. 550	Spring Creek	Irrig.	.57	6	32	55	Mar.	26 1889
D. 981	Jim Creek	Irrig.	.86	7	33	56	May	15 1899
D. 539a	Warbonnet Creek	Irrig.	.71	30	33	56	May	31 1889
D. 536	Jim Creek	Irrig.	.33	14	33	57	May	1 1890
D. 984	Tributary of Jim Creek	Irrig.	.21	22	33	54	May	31 1890
D. 552	Squaw Creek	Irrig.	.36	15	33	57	June	1 1890
D. 559	Sowbelly Creek	Irrig.	1.00	21	33	55	Dec.	1 1890
D. 502	Jim Creek	Irrig.	.43	8	33	56	Dec.	15 1890
D. 538	Spring Branch	Irrig.	.23	32	33	56	April	1 1891
D. 555	Squaw Creek	Irrig.	.01	10	33	57	April	1 1891
D. 543	Jim Creek	Irrig.	.29	13	33	57	May	31 1891
D. 539b	Warbonnet Creek	Irrig.	.29	30	33	56	Dec.	31 1891
D. 526	Boggy Creek	Irrig.	.29	31	33	54	May	1 1892
D. 549	Cherry Creek	Irrig.	.03	29	33	54	May	1 1893
D. 551	Little Red Creek	Irrig.	.14	25	33	56	May	1 1893
D. 532	Spring Creek	Irrig.	.29	7	32	55	June	1 1893
D. 503	Spring Branch	Irrig.	1.43	31	33	56	Oct.	16 1893
D. 537	Antelope Creek	Irrig.	.86	26	34	57	Oct.	31 1894
D. 556	Sowbelly Creek	Irrig.	.43	21	33	55	June	1 1895
A. 83	Spring Branch	Irrig.	.03	33	33	56	July	19 1895
A. 100	Squaw Creek	Irrig.	.57	10	33	57	Aug.	5 1895
A. 163	North Antelope Creek	Irrig.	2.00	8	34	56	Nov.	11 1895
A. 424	Sowbelly Creek	Irrig.	.50	21	33	55	May	11 1896
A. 338	Antelope Creek	Irrig.	.29	9	33	57	May	17 1896
A. 341	Hat Creek	Irrig.	.37	23	33	55	May	19 1896
A. 342	East Boggy Creek	Irrig.	.36	18	32	54	May	19 1896
A. 376	Squaw Creek	Irrig.	.19	3	33	57	Jan.	22 1897
A. 404	Sowbelly Creek	Irrig.	.43	24	32	56	Sep.	4 1897
A. 451	Jim Creek tributary	Irrig.	.03	26	33	54	May	12 1898
A. 510	Hat Creek	Irrig.	.06	2	33	55	May	8 1899
A. 516	Sowbelly Creek	Irrig.	.14	7	32	55	July	12 1899
A. 532	Sowbelly Creek	Irrig.	.71	34	33	55	Jan.	11 1900
A. 549	Licket Creek	Irrig.	1.43	27	33	54	Mar.	21 1900
A. 557	Long Branch Creek	Irrig.	.64	23	35	54	April	19 1900
A. 581	Jim Creek tributary	Irrig.	2.29	29	34	54	Oct.	13 1900

REPORT OF SECRETARY

PRIORITIES, WATER DIVISION NO. 2-E—(Concluded).

No.	Name of Stream	Use	Sec. Ft.	Location			Date of Priority		
				S.	T.	R.	Month	D.	Year
A. 585	Peterson Draw	Irrig.	2.00	24	35	55	Nov.	5	1900
A. 587	Long Branch Creek	Irrig.	.20	22	35	54	Nov.	10	1900
A. 594	Hat Creek	Irrig.	.57	3	32	55	Dec.	24	1900
A. 627	West Squaw Creek	Irrig.	.50	10	33	57	July	23	1901
A. 635	Long Branch Creek	Irrig.	.14	19	35	52	Aug.	22	1901
A. 668	Sowbelly Creek	Irrig.	.14	21	33	55	May	26	1902
A. 701	Boggy Creek	Irrig.	3.00	31	33	54	Feb.	28	1903
A. 760	Antelope Creek	Irrig.	2.43	16	34	55	June	18	1904
A. 784	Plum Creek	Irrig.	.14	33	33	54	Mar.	11	1905
A. 808	Dry Gulch	Irrig.	1.43	17	34	54	Dec.	28	1905
A. 821	Boggy Creek	Irrig.	.06	36	33	55	April	25	1906
A. 822	Boggy Creek	Irrig.	.86	7	32	54	May	7	1906
A. 823	Boggy Creek	Irrig.	2.14	7	32	54	May	7	1906
A. 834	Hat Creek	Irrig.	.57	3	32	55	Aug.	20	1906
A. 841	Monroe Creek	Irrig.	2.29	13	32	56	Nov.	12	1906
A. 872	Dry Draw	Irrig.	2.00	24	35	56	Oct.	4	1907
A. 888	Little Boggy Creek	Irrig.	.86	11	32	55	Jan.	20	1908
A. 892	Warbonnett Creek	Irrig.	1.43	20	33	56	Mar.	11	1908

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PRIORITIES, WATER DIVISION NO. 2-F.

No.	Name of Stream	Use	Sec. Ft.	Location			Date of Priority		
				S.	T.	R.	Month	D.	Year
A. 839	Tekamah Creek	P'wer	10.00	19	21	11	Sep.	17	1906
A. 837	Tekamah Creek	Ice	1.00	19	21	11	Jan.	21	1908
A. 914.	Bazile Creek	P'wer	30.00	21	29	5	Sep.	24	1908
A. 958	Mud Creek	Irrig.	.57	34	14	13	Aug.	12	1909

APPLICATIONS APPROVED, NOVEMBER 30, 1908, to NOVEMBER 30, 1910—(Continued).

Stream	Name of Claimant	Post-Office Address	Name of Ditch	Use to which applied	Second feet granted	Location of Headgate			Date of Priority		Docket No.	App. No.
						S	T	County	Month	D Yr.		
Platte and Elk-horn	Craig, George W.	Omaha	Omaha General Power Pl	P'wer	3000.00	19	15	19 Douglas	June	12 1905		795
Niobrara river	Mohr, Wm. P.	Spencer	Rochester Power Plant	P'wer	2400.00	30	33	11 Boyd	May	22 1907		861
Lodge Pool ck	McNew, H. C.	Julesburg, Col	Ralton Irr. System	Irrig.	12.40	36	13	45 Deuel	Dec.	4 1907		882
Warbonnett ck	Anderson, J. A.	Harrison	Warbonnett No. 2	Irrig.	1.41	20	33	56 Sioux	March	11 1908		892
Niobrara river	Koenig, A. C.	Omaha	Niobrara Canal	I.&P	21.43	34	32	7 Knox	April	1 1908		895
Niobrara river	Koenig, A. C.	Omaha		P'wer	900.00	34	32	7 Knox	April	1 1908		896
N. Platte river	Belmont, I. C. & W. P. Co.	Bridgeport	Belmont Canal	Irrig.	115.71	18	20	51 Cheyenne	May	7 1908		902
Lodge pole creek	Ruttner, Carl	Sidney	Ruttner Canal	Irrig.	.50	30	14	47 Cheyenne	June	25 1908		906
Hooker creek	Souther, Mabel G.	Crawford	Souther Lake	F. & I	1.43	30	32	51 Dawes	Sept.	24 1908		915
Republican river	Holmes, H. R., et al.	Denver, Colo.	Interstate Canal	Irrig.	40,000							
					acre ft	18	1	41 Dundy	Sept.	26 1908		916
Buckhorn Spgs.	Maddox, P. P.	Keystone		Irrig.	2.29	8	14	36 Keith	Oct.	3 1908		918
Dry Run	Campbell, F. J.	Chadron	Campbell Canal	Irrig.	1.00	35	34	49 Dawes	Nov.	9 1908		919
Horse creek	Brazier, Perry, et al.	Caldwell	Marsh and Brazier Cl	Irrig.	8.00	4	22	60 Wyoming	Nov.	24 1908		921
Lodge Pole ck	Forsling, C. A.	Kimball	Extension of Yoder N. Ditch	Irrig.	1.00	36	15	57 Kimball	Dec.	1 1908		922
Buffalo creek	Jenkins, L. & L. S. Co.	Haigler	J. L. & L. S. C. D. 1	Irrig.	4.29	18	1	40 Dundy	Dec.	12 1908		924
White Tail ck	Payne, G. H.	Omaha	Keystone Power Plant	P'wer	36.00	15	15	38 Keith	Jan.	2 1909		926
Kane creek	McConnell, J. F.	Whitney	McConnell Ditch	Irrig.	4.29	29	34	50 Dawes	Jan.	14 1909		931
N. Platte river	Shumway, G. L.	Scotts Bluff		P'wer	500.00	17	12	55 Scotts Bluff	Feb.	2 1909		933
Lodge Pole ck	Bennett Live Stock Co.	Kimball	Bennett Ditch No. 5	Irrig.	1.00	29	15	54 Kimball	Feb.	17 1909		934
Frenchman river	Hagerman, William	Hamlet		Irrig.	.86	13	3	34 Hayes	March	11 1909		935
White river and White Clay ck.	White River Irr. Co.	Crawford	White River Irr. Co's. S. Branch	Irrig.	4.29	25	32	52 Dawes	March	11 1909		936

APPLICATIONS APPROVED, NOVEMBER 30, 1908, to NOVEMBER 30, 1910—(Continued).

Stream	Name of Claimant	Post-Office Address	Name of Ditch	Use to which applied	Second feet granted	Location of Headgate			Date of Priority		Docket No.	App. No.
						S	T	R	County	Month			D Yr.
Seepage from Lk. Loup river	Huffman, M. J.	Gering	Huffman Ditch	Irrig.	6.43	26	21	54	Scottsbluff	March	19 1909	937
Loup river	Young, W. H.	Kansas City, Missouri	Central Nebr. Power Pl	P'wer	712.00	15	15	9	Nance	March	30 1909	938
Loup river	Roberts, J. W.	Kansas City, Missouri	Central Loup Power Pl	P'wer	510.00	29	13	11	Howard	April	1 1909	939
Longe Pine ck.	Kyner, S. H.	Long Pine	Long Pine L. & P. Pl.	P'wer	48.00	30	30	20	Brown	April	2 1909	941
Minnechaduza ck.	Village of Valentine.	Valentine	Valentine Water & Elec. Light Plant.	P'wer	30.00	29	34	27	Cherry	April	12 1909	943
Long Pine ck.	Kyner, S. H.	Long Pine	Long Pine L. & P. Pl.	P'wer	55.00	30	30	20	Brown	April	20 1909	945
Plum creek	Ainsworth L. & P. Co.	Ainsworth	Plum Creek Plant	P'wer	150.00	29	32	22	Brown	May	15 1909	947
Lost creek	Fickes, D. F., et al.	Oshkosh	Lost Creek Ditch	Irrig.	2.50	25	17	44	Deuel	May	19 1909	948
Republican river.	Arapahoe Municipal L. and Water plant.	Arapahoe	Arapahoe Mun. Light & Water Plant.	P'wer	150.00	27	4	23	Furnas	June	1 1909	949
Long Pine creek.	Early, George E.	Belle Fourche S. D.	Pine ck Power Station	P'wer	90.00	18	30	20	Brown	June	1 1909	950
Loup river	Taylor, H. C.	Kansas City, Missouri	Loup River Plant	P'wer	1000.00	15	15	8	Nance	July	19 1909	953
Weeping Water ck	Gilmore, Chas. R.	Weeping Water	Gilmore Ditch	Ice	8.00	2	10	11	Cass	Aug.	5 1909	955
Mud creek	Horan, T. W.	Fort Crook	Horan Canal	Irrig.	.57	34	14	13	Sarpy	Aug.	12 1909	958
Frenchman river.	Krotter, F. C.	Palisade	Follett and Krotter D.	Irrig.	10.40	35	5	34	Hayes	Aug.	17 1909	959
Niabrara river	Kirk, E. L.	Sioux City, Ia	Nebraska Power Co.	P'wer	900.00	34	32	7	Knox	Sept.	24 1909	961
North Loup river Bluff Lake, Ryans Lake.	Clements, E. P.	Ord	Burwell Elec. Power Pl.	P'wer	688.00	20	21	16	Garfield	Oct.	12 1909	964
Skunk creek	Elkhorn R. Drainage dist.	Fremont	Cutoff "H"	Drain						Oct.	16 1909	966
	Maddox, P. P.	Keystone	Skunk Creek Ditch	Irrig.	5.00	8	14	36	Keith	Nov.	5 1909	968

APPLICATIONS APPROVED, NOVEMBER 30, 1908, to NOVEMBER 30, 1910—(Continued).

Stream	Name of Claimant	Post-Office Address	Name of Ditch	Use to which applied	Second feet granted	Location of Headgate			Date of Priority		Docket No.	App. No.
						S	T	County	Month	D Yr.		
Platte river.....	Ross, Chas. P.....	Omaha	Platte River Hydro Elec.	P'wer	2500.00	6	14	10 Douglas-Sarpy	Nov.	24 1909	970	
Elkhorn river.....	Ross, Chas. P.....	Omaha	Platte River Hydro Elec.	P'wer	500.00	14	15	10 Douglas	Nov.	24 1909	971	
Calamus river.....	Clements, E. P.....	Ord	Burwell Elec. Power Plt.	P'wer	300.00	31	22	16 Garfield	Dec.	9 1909	972	
Sand creek.....	Maddox, P. P.....	Keystone	Sand Creek Ditch.....	Irrig.	15.71	9	14	36 Keith	Jan.	3 1910	974	
Frenchman river.....	Krotter, F. C.....	Palisade	Follett & Krotter Ditch..	Irrig.	10.40	35	5	34 Hitchcock	Jan.	15 1910	975	
Big Blue river.....	Freshman, M., et al.....	Beatrice	.....	P'wer	500.00	13	4	5 Gage	Jan.	19 1910	977	
Big Blue river.....	Freshman, M., et al.....	Beatrice	.....	P'wer	500.00	7	3	6 Gage	Jan.	19 1910	978	
Arickareo river.....	Jenkins, Chas. T.....	Haigler	Haiger Res, Can & Irr. Co.	Irrig.	171.00	15	15	42 Colorado	Jan.	21 1910	979	
Minnehaduzza ck.	Village of Valentine.....	Valentine	Valentine W. & Elec. Light Plant.....	P'wer	40.00	no	ra	ce	Feb.	10 1910	981	
Middle Loup river	Lewin, Freeman.....	Comstock	.....	P'wer	1000.00	35	18	17 Custer	Feb.	16 1910	982	
Horse creek.....	Gilmore, F. D.....	Scotts Bluff	Gilmore Ditch.....	Irrig.	3.00	33	23	58 Scotts Bluff	Feb.	21 1910	983	
Horse creek.....	Kellums, J. H., et al.....	Mitchell	Bristol & Kellums' Ditch	Irrig.	24.00	8	22	60 Wyoming	Feb.	25 1910	984	
Wind Spring ck.....	Smith, James S.....	Mitchell	Smith Ditch.....	Irrig.	2.86	12	24	55 Scotts Bluff	March	14 1910	986	
North Platte river	Lisco, Reuben.....	Lisco	Lisco Ditch.....	Irrig.	3.00	14	18	47 Garden	April	6 1910	991	
Horse creek.....	Mihan, John.....	Caldwell	State Line Ditch.....	Irrig.	2.00	33	23	58 Scotts Bluff	April	21 1910	994	
Little Cotton-wood creek	Dodd, Calvin H.....	Crawford	Dodd & McDowell D.....	Irrig.	.29	13	32	53 Sioux	April	22 1910	995	
Republican river.....	Holmes, H. R., et al.....	Denver, Colo	Haigler Reservoir No. 2	Irrig.	24.00	27	1	41 Dundy	April	29 1910	997	
Rock creek	Rock Cr. P. & L. Co.....	Benkelman	Rock Creek P. & L. Co.	P'wer	17.00	6	1	39 Dundy	May	2 1910	998	
Rock creek	Rock Cr. P. & L. Co.....	Benkelman	Rock Creek P. & L. Co.	P'wer	17.00	8	1	39 Dundy	May	2 1910	999	
Horse creek	Jackson, Joel.....	Caldwell	Jackson's Extension.....	Irrig.	1.07	27	23	58 Scotts Bluff	May	19 1910	1000	
White Tail creek	Keystone Irr. Co.....	Keystone	West Keystone Canal.....	Irrig.	15.04	26	15	38 Keith	May	27 1910	1001	
Spring creek.....	Keystone Irr. Co.....	Keystone	Spring Creek No. 1.....	Irrig.	.27	19	15	37 Keith	May	27 1910	1002	
White Tail creek	Keystone Irr. Co.....	Keystone	Keystone Canal.....	Irrig.	9.00	27	15	38 Keith	May	27 1910	1003	

APPLICATIONS APPROVED, NOVEMBER 30, 1908, to NOVEMBER 30, 1910—(Concluded).

Stream	Name of Claimant	Post-Office Address	Name of Ditch	Use to which applied	Second feet granted	Location of Headgate				Date of Priority		Docket No.	App. No.
						S	T	R	County	Month	D Yr.		
Pumpkinseed ck.	Beaty, Daisy E.	Harrisburg	Beaty Canal	Irrig.	.18	5	19	55	Banner	June	2 1910	1004	
Lower Dugout ck.	Hubbard, Henry	Broadwater	Hubbard Ditch	Irrig.	.29	4	19	48	Morrill	June	23 1910	1005	
Big Blue river	Boyes, Burdette	Seward		P'wer	200.00	19	9	4	Seward	July	8 1910	1006	
Big Blue river	Boyes, Burdette	Seward		P'wer	500.00	4	8	4	Saline	July	8 1910	1007	
Blue creek	Slessor, David	Oshkosh	Fairview	P'wer	62.50	4	18	43	Garden	July	18 1910	1009	
Frenchman river	Krotter, F. C.	Palisade	Krotter Power Plant	P'wer	55.00	35	5	34	Hayes	July	29 1910	1014	
Walnut Spring	Village of Long Pine	Long Pine		W. S.	1.00	31	30	20	Brown	Aug.	1 1910	1015	
Long Pine creek	Village of Long Pine	Long Pine		P'wer	50.00	31	30	20	Brown	Aug.	1 1910	1016	
Frenchman river	Krotter, C. F.	Palisade	Krotter Power Plant	P'wer	55.00	35	5	34	Hitchcock	Aug.	17 1910	1021	
Cedar river	Arnold, F. C.	Fullerton		P'wer	390.00	30	17	6	Nance	Sept.	8 1910	1023	
Cedar creek	McNamee, K. M.	Wood Lake	Cedar Creek Ditch	Irrig.	.43	4	30	24	Cherry	Sept.	28 1910	1027	
Platte river	Koenig, Arnold O.	Omaha		P'wer	1500.00	17	12	7	Merrick	Sept.	28 1910	1028	
Big Blue river	Steinmeyer, George W.	Holmesville		P'wer	500.00	12	3	6	Gage	Oct.	14 1910	1030	
Middle Loup river	Knudsen, F. B.	St. Paul	S. Paul E. L. & P. Co.	P'wer	300.00	10	14	10	Howard	Oct.	29 1910	1034	
Big Blue River	Ashton, E. J.	Lincoln		P'wer	500.00	4	8	4	Saline	Oct.	31 1910	1035	

STATE BOARD OF IRRIGATION

APPLICATIONS DISMISSED NOVEMBER 30, 1908, TO NOVEMBER 30, 1910.

Stream	Name of Applicant	Location of Headgate				App. No.
		S.	T.	R.	County	
Mathews Creek.....	Mathews, B. G.	28	15	37	Keith	19
North Loup River.....	Mallory, F.....	25	21	17	Loup	23
White Clay Creek.....	Thornton, W. A.....					30
South Loup River.....	Smith, Robert E.....					31
North Loup River.....						36
North Loup River.....						38
Victoria Creek.....						44
Ash Creek.....						49
North Loup River.....						54
White Tail Creek.....						55
White River.....	Cooper, P. C.....	10	32	51	Dawes	72
Willow Creek.....						78
Platte River.....						80
South Fork Elkhorn.....						91
East Middle Creek.....						92
Niobrara River.....						109
Burton Creek.....	Wiley, James.....					140
Rock Creek.....						157
Middle Loup River.....						172
Niobrara River.....						191
Niobrara River.....						192
Wood River.....						216
Platte River.....						217
White River.....						302
Red Willow Lake.....						343
North Platte River.....						389
Niobrara River.....	Hughes, John.....	1	28	52	Box Butte	556
North Platte River.....	Stewart, G. F.....					814
Niobrara River.....	Whitehorn, G. W.....					820
Cedar Creek.....	Plunkett, John.....	4	32	56	Sioux	826

APPLICATIONS DISMISSED NOVEMBER 30, 1908, TO NOVEMBER 30, 1910—(Continued).

Stream	Name of Applicant	Location of Headgate				App. No.
		S.	T.	R.	County	
Niobrara River.....	Benedict, E. H.....	13	31	41	Sheridan	831
Niobrara River.....	Benedict, E. H.....	13	31	41	Sheridan	832
North Loup River.....	Benedict, E. H.....		28	32	Cherry	833
North Platte River.....	Shumway, G. L.....	25	25	58	Scotts Bluff	862
Sheep Creek.....	Cunningham, H. B.....	1	25	58	Sioux	891
Platte and Elkhorn.....	Patterson, D. C.....	1	16	8e	Dodge	893
Box Butte Creek.....	Heaton, D. H.....	3	28	46	Sheridan	901
Waste Water.....	Myers, James V.....	36	25	48	Box Butte	909
Skunk Creek.....	Payne, G. H.....	6	14	36	Keith	910
Sandy Creek.....	Payne, G. H.....	9	14	36	Keith	911
Lake Creek.....	Payne, G. H.....	14	14	36	Keith	912
Otter Creek.....	Hall, E. L.....	9	15	40	Keith	913
Sand Creek.....	Maddox, P. P.....	9	14	36	Keith	917
North Platte River.....	Stewart, H. G.....	3	23	58	Scotts Bluff	920
Lodge Pole Creek.....	Elisa Bruss.....	36	13	45	Deuel	923
White Tail Creek.....	Payne, G. H.....		15	38	Keith	925
Deep Holes Creek.....	Morrill County Res. Co.....	35	18	49	Morrill	927
Cedar Creek.....	Morrill County Res. Co.....	33	18	48	Morrill	928
North Platte River.....	Morrill County Res. Co.....	18	20	51	Morrill	929
Pumpkinseed Creek.....	Morrill County Res. Co.....	23	19	50	Morrill	930
White Clay Creek.....	Brockway, Horace.....	36	31	52	Dawes	932
Medicine Creek.....	Gammill, John C.....	29	6	26	Frontier	940
Springs.....	Pugsley, R. J.....	25	13	39	Keith	942
Wet Spotted Tail Creek.....	Brownell, A. W.....	3	23	56	Scotts Bluff	944
Niobrara River.....	Kirk, E. L.....	34	32	7	Knox	946
Lodge Pole Creek.....	Coleburn, C. L.....	29	14	48	Cheyenne	951
Papillion Creek.....	Fricke, A. H.....	27	14	12	Sarpy	952
Pumkinseed Creek.....	Eggleston, T. C.....	3	19	55	Banner	954
Niobrara River.....	Koenig, Arnold C.....	34	32	7	Knox	956
Niobrara River.....	Koenig, Arnold C.....	34	32	7	Knox	957

APPLICATIONS DISMISSED NOVEMBER 30, 1908, TO NOVEMBER 30, 1910—(Concluded).

Stream	Name of Applicant	Location of Headgate				App. No.
		S.	T.	R.	County	
Spotted Tail Creek	Stewart, H. G.	2	23	56	Scotts Bluff	969
Sowbelly Creek	Barnes, Paul	18	32	55	Sioux	962
Spotted Tail Creek	Stewart, H. G., Smith, B.	4	23	56	Scotts Bluff	963
Dry Spotted Tail Creek	Lewis, Orley	9	23	56	Scotts Bluff	965
Middle Loup River	Lewin, Freeman	35	18	17	Ouster	967
Little Cottonwood	Dodd, H. C.	18	32	52	Dawes	969
Middle Loup River	Alfalfa D. & P. Co.	4	23	29	Thomas	973
Sunflower Springs	McCosky, A. B.	23	23	55	Scotts Bluff	976
Little Cottonwood Creek	Stewart, Ann E.	4	32	52	Dawes	980
South Platte River	Western Irrigation District					985
Greenwood Creek	Dean, H. T.	10	18	50	Morrill	987
Big Blue River	Steinmeyer, George	12	3	6e	Gage	988
Lodge Pole Creek	Young, W. T.	31	15	57	Kimball	989
Little Blue River	Mutz, Otto	17	5	8	Clay	990
Surplus Waters	Mark, H. A.	21	20	44	Garden	993
Big Blue River	Bogert, David	13	9	3e	Seward	1008
White River	Rasher, Charles	20	32	51	Dawes	1010
Lawrence Fork	Hayes, Edgar	21	18	52	Morrill	1011
Lawrence Fork	Hayes, Edgar	9	18	51	Morrill	1012
Greenwood Creek	Hayes, Edgar	10	18	50	Morrill	1013
White River	Forbes, W. T.	19	32	51	Dawes	1017
Sheep Creek	Scott, John	17	23	57	Sioux	1022
Big Blue River	Freshman, Morris	7	3	7e	Gage	1025
Springs	Nichols, Yorick	3	23	58	Scotts Bluff	1026

APPLICATIONS CANCELLED NOVEMBER 30, 1908, to NOVEMBER 30, 1910.

Stream	Name of Applicant	Location of Headgate				App. No.
		S.	T.	R.	County	
Jim Creek.....	Slattery, William.....	13	33	57	Sioux.....	14
Middle Nemaha River.....	Christy, H. R.....	4	8	9e	Otoe.....	115
Muddy Creek.....	Phillips, F. C.....	2	2	36	Dundy.....	235
Niobrara River.....	Irion, W. J., et al.....	1	28	54	Sioux.....	257
Beaver.....	Hyser, F. B.....	20	34	46	Sheridan.....	303
Platte River.....	Heffner, O. O.....	8	9	22	Dawson.....	416
Peppermint Creek.....	Betts, N. O.....	28	2	15	Franklin.....	430
Blue Creek.....	Paisley, Ira.....	33	17	42	Deuel.....	471
Platte and Elkhorn.....	Seymour Park Canal & Power Company.....	1	16	9e	Dodge.....	480
Spring Creek.....	Hall, F. M.....	6	32	55	Sioux.....	518
Niobrara River.....	Raben, Peter.....	19	34	53	Sioux.....	615b
Platte and Elkhorn.....	Rosewater, Andrew.....	15	13	10e	Sarpy.....	626
Buffalo Creek.....	Riley, J. E.....	34	9	19	Dawson.....	632
Platte and Elkhorn.....	Riley, J. E.....	29	13	10e	Sarpy.....	643
Niobrara River.....	Nebraska I. & W. P. Co.....	34	32	7	Knox.....	679
Niobrara River.....	Nebraska I. & W. P. Co.....	34	32	7	Knox.....	680
Platte and Elkhorn.....	Riley, J. E.....	29	13	10e	Sarpy.....	687
Platte and Elkhorn.....	Rosewater, Andrew.....	19	15	10e	Douglas.....	689
Dry Canyon.....	Henry, J.....	30	34	55	Sioux.....	692
Niobrara River.....	Plummer, F. E.....	29	32	6	Knox.....	712
Niobrara River.....	Craven, T. K.....	3	31	7	Knox.....	713
Middle Loup River.....	Dierks, John.....	35	18	17	Custer.....	774
Dry Creek Run.....	Pilster, John A.....	9	33	51	Dawes.....	776
North Platte River.....	Pathfinder Electric and Water Power Co.....	20	22	55	Scotts Bluff.....	777
South Platte River.....	Abraham, V. S.....	1	13	38	Keith.....	782
Niobrara River.....	Peters, H. A.....	20	29	46	Sheridan.....	793
Niobrara River.....	Peters, H. A.....	20	29	46	Sheridan.....	794
Frenchman River.....	Jordan, T. T.....	21	6	39	Chase.....	800
Stony Draw.....	Raben, P. P.....	22	34	54	Sioux.....	804
South Platte River.....	Brown, William.....	28	13	41	Keith.....	810
Otter Creek.....	Howell, Mary A. B.....	5	15	40	Keith.....	812

APPLICATIONS CANCELLED NOVEMBER 30, 1908, to NOVEMBER 30, 1910—(Concluded).

Stream	Name of Applicant	Location of Headgate				App. No.
		S.	T.	R.	County	
Long Pine Creek.....	Kyner, S. H.....	30	30	20	Brown	817
Spring Creek.....	Abel, Anton.....	32	10	21	Dawson	846
Sheep Creek.....	Sturdivant, Joseph.....	1	26	58	Sioux	856
Niobrara River.....	Mohr, Wm. P.....	30	33	11	Boyd	861
Republican River.....	Bixler, H. K.....	24	3	29	Red Willow.....	889
Niobrara River.....	Koenig, Arnold C.....	34	32	7	Knox	895
Niobrara River.....	Koenig, Arnold C.....	34	32	7	Knox	896
Dry Canyon.....	Girt, James E.....	35	3	37	Dundy	905
Republican River.....	Holmes, H. R.....	18	1	41	Dundy	916
White Tail Creek.....	Payne, G. H.....	15	15	38	Keith	926
North Platte River.....	Shumway, G. L.....	17	12	55	Scotts Bluff.....	933
Loup River.....	Young, W. H.....	15	15	9	Nance	938
Loup River.....	Roberts, John W.....	29	13	11	Howard	939
Minnechadusa Creek.....	Village of Valentine.....	29	34	27	Cherry	943
Long Pine Creek.....	Kyner, S. H.....	30	30	20	Brown	945
Long Pine Creek.....	Early, George F.....	18	30	20	Brown	950
Loup River.....	Taylor, H. C.....	15	15	8	Nance	953
Frenchman River.....	Krotter, F. C.....	35	5	34	Hayes	959
North Loup River.....	Clements, E. P.....	20	21	16	Garfield.....	964
Calamus River.....	Clements, E. P.....	31	22	16	Garfield.....	972
Big Blue River.....	Freshman, Morris.....	7	3	6e	Gage	978
Middle Loup River.....	Lewin, Freeman.....	35	18	17	Custer	982
Rock Creek.....	Rock Creek Power & Light Co.....	6	1	39	Dundy	998
Rock Creek.....	Rock Creek Power & Light Co.....	8	1	39	Dundy	999
Big Blue River.....	Boyes, Burdette.....	4	8	3e	Saline	1007
Frenchman River.....	Krotter, F. C.....	35	5	34	Hayes	1014

STATE BOARD OF IRRIGATION

IN THE FOLLOWING APPROPRIATIONS, THE LOCATION OF HEAD-GATE HAS BEEN CHANGED.

APP. No.	Stream	Name of Canal	NEW LOCATION			
			S	T	R	County
D. 669	Pawnee Creek	Murphy's Canal.....	29	13	27	Lincoln
D. 3	Republican River	Davenport Canal.....	19	3	31	Hitchcock
D. 455	Ash Creek.....	W. L. Compton Ditch.....	12	32	51	Dawes
D. 151	Republican River	Thomas Ditch.....	23	1	40	Dundy
D. 80	Republican River	Cambridge and Arapahoe.....	29	4	25	Furnas
D. 271	Elkhorn River	Atkinson Milling & Irrigation Co.	30	30	14	Holt
A. 77	Elkhorn River	Elkhorn Valley Ranch Canal.....	1	23	3	Cuming
A. 301	North Loup.....	Tzschuch Canal.....	24	22	20	Loup
D. 345	Lodge Pole Creek	Kinney Ditch No. 2.....	31	15	56	Kimball
D. 551	Niobrara River	Laetoh Ditch.....	1	30	57	Sioux
A. 27	Squaw Creek.....	Daniels and Stetson Ditch.....	19	31	51	Dawes
D. 980	Niobrara River	Cook Ditch No. 2.....	1	28	56	Sioux
D. 513a	Niobrara River	McGinley & Stover N. & S. Ditch	25	29	56	Sioux
D. 980	Niobrara River	Cook Ditch No. 1.....	2	28	56	Sioux
D. 491	Ash Creek.....	Cripps Ditch.....	13	32	51	Dawes
D. 434	West Ash Creek	Woodard Ditch.....	25	32	51	Dawes
D. 487	White River.....	Carpenter Ditch.....	1	32	51	Dawes
A. 154	Frenchman River	John Grant's Ditch.....	3	5	38	Chase
D. 473	Spring Creek.....	Spring Creek Ditch No. 1.....	13	32	52	Dawes
A. 409	Sand Creek.....	Carlson Ditch.....	33	33	52	Dawes
A. 440						
A. 427	White River.....	Sandy Stewart Ditch.....	9	32	52	Dawes
A. 187	North Loup River	Oliver Ditch.....	26	27	28	Cherry
D. 468	Niobrara River.....	McMannis & Neeland.....	29	29	49	Box Butte
A. 448	Niobrara River.....					
D. 884	Pumpkinseed Creek	Round Rock Ditch.....	28	19	51	Cheyenne
D. 689	South Platte River	Stebbins Canal.....	32	14	32	Lincoln
D. 847	Pumpkinseed Creek	Waitman Ditch.....	25	19	53	Cheyenne
A. 196	Center Creek.....	Conklin Ditch.....	22	2	15	Red Willow
D. 850	Lawrence Fork	Doran Canal.....	15	18	52	Cheyenne
A. 525	White River.....	Schaffer & Blust Ditch.....	2	32	51	Dawes
D. 628	Platte River	Cozad Irrigation Canal.....	16	11	25	Dawson
A. 353	North Platte River	Tetreault.....	1	19	50	Cheyenne
D. 350	Lodge Pole Creek	Ruttner Ditch.....	31	15	56	Kimball
D. 442	Niobrara River	A. J. Palmer & Co.....				
		Pioneer Ditches.....	36	29	51	Dawes
A. 231	South Platte River	Lute & Sheridan Ditch.....	9	13	37	Keith
D. 823	North Platte River	Belmont Irrigating Canal.....	18	20	51	Cheyenne
D. 38	Frenchman River	Frenchman Valley Canal.....	31	5	33	Hayes
D. 890	Greenwood Creek	Capron & Lamb.....	15	18	50	Cheyenne
A. 47	Frenchman River	Goker Ditch.....	8	4	33	Hitchcock
A. 657	Lodge Pole Creek.....	Bennett L. St. C., Ditch.....	29	15	55	Kimball
A. 691	Lodge Pole Creek.....					
D. 913	Pumpkinseed Creek	Peters Ditch.....	2	19	56	Banner
D. 308	Lodge Pole Creek	V. S. Pomeroy Ditch.....	15	14	51	Cheyenne
D. 350	Lodge Pole Creek	Ruttner Ditch.....	36	15	57	Kimball
D. 346	Lodge Pole Creek	Clrele Arrow Ditch.....	29	15	55	Kimball
D. 351	Lodge Pole Creek	McIntosh Ditch.....	29	15	55	Kimball
D. 352	Lodge Pole Creek	Brady Ditch.....	29	15	55	Kimball
D. 348	Lodge Pole Creek	Kinney Ditch.....	33	15	56	Kimball
D. 479	Niobrara River	Lichte Ditch.....	27	29	48	Dawes

IN THE FOLLOWING APPROPRIATIONS, THE LOCATION OF HEAD-GATE HAS BEEN CHANGED—(Concluded).

App. No.	Stream	Name of Ditch	NEW LOCATION			
			S	T	R	County
D. 329	Lodge Pole Creek	Ickes Ditch.....	28	14	50	Cheyenne
A. 15	Canon Creek	McCarthy Ditch.....	20	15	37	Keith
D. 354	Lodge Pole Creek	Hurley, Lilly & Polly.....	26	15	56	Kimball
D. 512	Hat Creek	C. F. Coffee Ditch.....	26	33	55	Sioux
D. 151	Republican River	Anders Anderson Ditch.....	1	1	37	Dundy
A. 393	South Platte River	Western Irrigation Ditch.....	2	13	41	Keith
A. 907	Stinking Water	Pallsade Mill Race.....	30	5	33	Hayes
D. 464	White River	Harris & Cooper.....	26	32	52	Dawes
A. 656	Little Cottonwood	Stewart Ditch.....	4	32	52	Dawes
A. 8	Little Cottonwood	Stuart Bros. Ditch.....	8	32	52	Dawes
A. 836	Pumpkinseed Creek	Beaty Canal.....	5	19	55	Banner
D. 730	White Tail Creek	Foster Keystone.....	26	15	38	Keith

STREAM MEASUREMENTS.

As stated elsewhere in this report, a number of gaging stations have been maintained on several of the principal streams of the State, and the following table gives the discharge of the streams at these stations.

This table not only includes the work of this department, but also all of the valuable data published by the Hydrographic Division of the U. S. Geological Survey. The table gives the maximum, minimum and mean discharge, and the volume in acre feet at the points named for each month during the period shown.

REPORT OF SECRETARY

ESTIMATED MONTHLY DISCHARGE OF NORTH PLATTE RIVER AT
GERING, NEBRASKA.

Drainage Area, 24,340 Square Miles.

Month	1897				1898			
	Discharge in Second Feet			Total in Acre Ft.	Discharge in Second Feet			Total in Acre Ft.
	Max.	Min.	Mean		Max.	Min.	Mean	
January								
February								
March								
April					6500	1000	3108	185520
May					18500	3400	7326	451490
June					12150	4750	9002	535250
July	4260	1084	2140	131584	6760	500	2048	126150
August	2340	500	1071	65854	350	100	177	10910
September	815	455	537	31954	200	50	100	5940
October	620	455	514	31605	500	100	258	15870
November			*520	30942				
December			*520	31974				
For the period.....					18500	50	3130	1331130

*Approximate.

Period 1898, 214 days.

Month	1899				1900			
	Discharge in Second Feet			Total in Acre Ft.	Discharge in Second Feet			Total in Acre Ft.
	Max.	Min.	Mean		Max.	Min.	Mean	
January								
February								
March								
April	a14080	3155	9448	393510	a11900	4400	6582	169710
May	15290	4901	9640	532270	14800	9480	11672	717640
June	23500	10352	16025	953590	15800	5400	10737	638920
July	18065	4532	10823	665510	5320	1200	2689	165340
August	5197	1454	2964	182250	1157	395	713	43850
September	1316	534	844	50010	400	356	378	22490
October	2275	893	1501	92260	522	899	431	26480
November								
December								
For the period.....	23500	584	7207	2930390	15800	356	4567	1784430

a 21 days. Period 1899, 205 days.

Period 1900, 197 days.

STATE BOARD OF IRRIGATION

ESTIMATED MONTHLY DISCHARGE OF THE NORTH PLATTE RIVER AT MITCHELL, NEBRASKA.
Drainage Area, 24,400 Square Miles.

Month	1901				1902			
	Discharge in Second Feet			Total in Acre Ft.	Discharge in Second Feet			Total in Acre Ft.
	Max.	Min.	Mean		Max.	Min.	Mean	
January								
February								
March								
April					a3229	494	1603	85870
May					6373	2649	4346	267230
June	a12120	4560	7378	321950	6877	2703	4915	292460
July	b4530	1048	2353	93320	3777	598	1308	80380
August	b566	218	366	14520	559	44	206	12720
September	422	210	322	19210	124	30	69	4080
October	520	235	384	23660	455	130	299	14220
November					b776	374	563	24590
December								
For the period					6877	30	1743	781500

a 22 days. b 20 days. a 27 days. b 22 days. Period 1902, 228 days.

Month	1903				1904			
	Discharge in Second Feet			Total in Acre Ft.	Discharge in Second Feet			Total in Acre Ft.
	Max.	Min.	Mean		Max.	Min.	Mean	
January					a1667	340	867	39550
February					b1830	320	1029	24490
March					c2175	1200	1632	84160
April	5070	1600	2862	170290	2981	710	1511	89910
May	a6310	3410	4507	268200	12700	2720	6873	422600
June	19870	3250	7340	436780	12150	7580	10270	611100
July	5310	1000	2632	161860	5330	1092	2875	176900
August	900	165	472	29050	842	400	594	36520
September	1500	165	785	45540	498	225	382	22730
October	1710	1100	1449	89100	625	170	307	18860
November	b2170	1500	1762	55910	512	280	398	23680
December					1200	181	381	18140
For the period	10870	165	2767	1257500	12700	170	2355	1569000

a 30 days. b 16 days. a 23 days. b 12 days. c 26 days.
Period 1903, 229 days. Period 1904, 336 days.

REPORT OF SECRETARY

NORTH PLATTE RIVER AT MITCHELL, NEBRASKA—Continued

Month	1905				1906			
	Discharge in Second Feet			Total in Acre Ft.	Discharge in Second Feet			Total in Acre Ft.
	Max.	Min.	Mean		Max.	Min.	Mean	
January								
February								
March	2036	935	1239	76180				
April	9600	1480	3573	212600	6110	3270	4490	223000
May	14300	7150	10010	615500	15700	4120	6850	421000
June	16800	7700	12760	759300	15700	6110	9260	551000
July	8300	1480	3594	221000	6110	1640	3190	196000
August	2260	520	1296	79690	1920	750	1410	96700
September	670	380	420	24990	960	530	742	44200
October	670	380	460	28230	1820	500	708	43500
November					1750	720	1270	75600
December								
For the period	16800	380	4153	2018000	15700	500	2860	1640000

Period 1905, 245 days.

a 25 days. Period 1906, 239 days.

Month	1907				1908			
	Discharge in Second Feet			Total in Acre Ft.	Discharge in Second Feet			Total in Acre Ft.
	Max.	Min.	Mean		Max.	Min.	Mean	
January								
February								
March					1300	610	908	55800
April	5700	3400	4300	256000	3060	610	1270	75400
May	14500	3400	6430	396000	11080	1300	3020	186000
June	16500	11900	13330	793000	22650	5420	8000	476000
July	11900	3400	7570	466000	4600	800	2240	138000
August	3400	1200	1980	122000	1020	610	832	51100
September	1450	750	990	59300	610	30	231	13700
October	1200	750	780	48000	340	40	137	8410
November	750	550	780	43700	1300	390	933	55500
December	7750	550	683	19000				
For the period	16500	550	4304	2203000	22650	30	1940	1060000

a 14 days. Period 1907, 253 days.

Period 1908, 275 days.

STATE BOARD OF IRRIGATION

NORTH PLATTE RIVER AT MITCHELL, NEBRASKA—Concluded.

Month	1909				1910			
	Discharge in Second Feet			Total in Acre Ft.	Discharge in Second Feet			Total in Acre Ft.
	Max.	Min.	Mean		Max.	Min.	Mean	
January								
February								
March	a1910	760	1330	60700	3310	1360	2390	146000
April	2570	1360	1330	109000	3700	1360	2620	156000
May	13900	2570	7140	439000	1620	440	804	49400
June	23000	11600	15200	904000	1140	215	551	32800
July	15200	8450	12500	769000	1620	135	481	29600
August	8910	2250	6950	427000	580	80	128	7870
September	2230	1620	1990	118000	285	80	158	9400
October	6540	945	3180	196000				
November	3700	609	1210	72000				
December	2570	0	1610	99000				
For the period.....	23000	0	533	3190000	3700	80	1016	431070

a 23 days. Period 1909, 298 days.

REPORT OF SECRETARY

ESTIMATED MONTHLY DISCHARGE OF NORTH PLATTE RIVER AT
CAMP OLARKE, NEBRASKA.
Drainage Area, 24,830 Square Miles.

Month	1896				1897			
	Discharge in Second Feet			Total in Acre Ft.	Discharge in Second Feet			Total in Acre Ft.
	Max.	Min.	Mean		Max.	Min.	Mean	
January					2404	2042	2287	140623
February					2404	1537	2253	125125
March					2223	450	1299	79873
April					8390	1567	3649	217130
May					10540	6885	3638	534208
June					11400	4520	7491	440389
July	a2886	977	1554	95330	4305	930	2147	132015
August	b1816	628	924	56560	2042	530	1066	65546
September	1186	738	989	55870	580	400	492	29276
October	1290	875	1008	62000	580	350	484	29760
November	1338	706	1074	63910			*500	*29752
December							*500	*30744
For the period.....					11400	350	3076	1854441

a 30 days.
b 29 days.

*Approximate.
Period 1897, 304 days.

Month	1898				1899			
	Discharge in Second Feet			Total in Acre Ft.	Discharge in Second Feet			Total in Acre Ft.
	Max.	Min.	Mean		Max.	Min.	Mean	
January								
February								
March								
April	3400	675	1630	97040	a11030	2648	6659	343400
May	17000	2350	5403	332250	19050	3841	10257	620710
June	10600	4550	7030	418710	b23560	11575	16400	980090
July	4200	780	1617	99450	c20500	3950	12230	749720
August	800	60	266	16360	5335	1189	2834	174250
September	200	60	110	6590	1858	632	1076	64010
October	425	110	245	15090	d1894	1105	1372	57160
November								
December								
For the period.....	17000	60	2322	985490	23560	682	7535	2989250

Period 1898, 214 days.
Period 1899, 200 days.

a 26 days. c 28 days.
b 28 days. d 21 days.

STATE BOARD OF IRRIGATION

NORTH PLATTE RIVER AT CAMP CLARKE, NEBRASKA—Concluded.

1900								
Month	Discharge in Second Feet			Total in Acre Ft.	Discharge in Second Feet			Total in Acre Ft.
	Max.	Min.	Mean		Max.	Min.	Mean	
January								
February								
March								
April	5400	2910	5328	242720				
May	14000	8195	10379	658110				
June	14275	3960	9771	581320				
July	4000	770	2227	140840				
August	900	230	471	28960				
September	425	180	289	17190				
October	800	200	369	23740				
November								
December								
For the period.....	14275	180	3850	1580650				

a 23 days. Period 1900, 207 days.

REPORT OF SECRETARY

ESTIMATED MONTHLY DISCHARGE OF NORTH PLATTE RIVER AT
BRIDGEPORT, NEBRASKA.
Drainage Area, 23,190 Square Miles.

Month	1902				1903			
	Discharge in Second Feet			Total in Acre Ft.	Discharge in Second Feet			Total in Acre Ft.
	Max.	Min.	Mean		Max.	Min.	Mean	
January								
February								
March								
April					6300	1575	3664	218020
May	a6200	2170	4149	205710	7920	3460	5530	339990
June	6200	1580	4267	253900	10500	3780	7664	456080
July	4000	290	1200	73770	6700	825	2837	174420
August	b930	60	244	13080	1365	90	589	36210
September	c690	0	162	8990	420	0	195	11596
October	d680	290	559	33290	675	90	489	29930
November					a1170	675	883	21000
December								
For the period.....	6200	0	1736	588700	10500	0	2863	1284100

a 25 days. b 27 days. c 28 days. d 30 days. a 12 days. Period 1903, 226 days.
Period 1902, 171 days.

Month	1904				1905			
	Discharge in Second Feet			Total in Acre Ft.	Discharge in Second Feet			Total in Acre Ft.
	Max.	Min.	Mean		Max.	Min.	Mean	
January								
February								
March								
April	a4400	536	1393	59020	11700	2150	4822	286900
May	11350	2255	6813	388200	14700	9225	11710	720000
June	12190	6648	9630	573000	17700	9225	14430	858600
July	6900	470	2940	180800	11200	765	4536	278900
August	470	50	157	9654	3192	290	1316	80920
September	312	50	108	6426	600	200	370	22020
October	1850	100	464	28530	1405	290	685	42120
November	b1850	360	846	48660				
December								
For the period.....	12190	50	2786	1293000	17700	200	5410	2289000

a 21 days. b 29 days. Period 1904, 234 days. Period 1905, 214 days.

STATE BOARD OF IRRIGATION

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NORTH PLATTE RIVER AT BRIDGEPORT, NEBRASKA—Concluded.

1906								
Month	Discharge in Second Feet			Total in Acre Ft.	Discharge in Second Feet			Total in Acre Ft.
	Max.	Min.	Mean		Max.	Min.	Mean	
January								
February								
March								
April	a14500	4150	6710	306000				
May	19700	5700	9790	602000				
June	17600	7300	12000	714000				
July	7800	1140	4120	253000				
August	1500	700	1130	69500				
September	900	660	760	45200				
October	850	560	727	44700				
November	b560	400	478	9480				
December								
For the period.....	19700	400	4740	2050000				

a 23 days. b 10 days. Period 1906, 217 days.

REPORT OF SECRETARY

ESTIMATED MONTHLY DISCHARGE OF NORTH PLATTE RIVER AT
NORTH PLATTE, NEBRASKA.
Drainage Area, 28,517 Square Miles.

Month	1895			Total in Acre Ft.	1896			Total in Acre Ft.
	Discharge in Second Feet				Discharge in Second Feet			
	Max.	Min.	Mean		Max.	Min.	Mean	
January								
February								
March	10180	455	3016	184770				
April	6544	1551	3470	209980	23560	1860	2823	117579
May	10635	4873	7033	432450	7889	2680	4558	280262
June	16875	5948	10991	654050	16300	2680	6334	376898
July	5848	842	3137	192780	2680	250	1134	69727
August	963	175	492	30253	1860	460	919	56507
September	455	150	241	14380	1240	550	857	50905
October	1389	200	810	49804	2500	730	1150	70711
November	1905	963	1357	30745	3721	730	2166	128886
December			3405	209370	5860	2731	4348	267350
For the period.....	16875	150	3394	2055582	16300	250	2690	1418915

Period 1895, 306 days.

a 21 days. Period 1896, 266 days.

Month	1897			Total in Acre Ft.	1898			Total in Acre Ft.
	Discharge in Second Feet				Discharge in Second Feet			
	Max.	Min.	Mean		Max.	Min.	Mean	
January	8650	4876	6932	426296	5848	4864	5178	318883
February	9489	2471	6663	370044	8270	2922	5342	296679
March	9489	1774	3921	241094	3354	1270	2226	136871
April	13486	2471	5110	304125	3785	1557	2540	151140
May	21527	7812	13981	859664	14646	8570	5276	324409
June	23720	6518	13920	828296	12034	4433	6878	409269
July	6197	1090	3683	226768	4438	324	1846	113506
August	4754	743	2376	176839	1413	80	353	21705
September	850	422	609	36238	984	50	352	20945
October	3878	486	1132	69604	697	254	471	28961
November	4112	743	2152	128053	2275	660	1088	64740
December	6037	3174	5116	314634	4433	2275	3472	213486
For the period.....	23720	422	5509	3981655	14646	50	2919	2100094

STATE BOARD OF IRRIGATION

NORTH PLATTE RIVER AT NORTH PLATTE, NEBRASKA—Continued.

Month	1899				1900			
	Discharge in Second Feet			Total in Acre Ft.	Discharge in Second Feet			Total in Acre Ft.
	Max.	Min.	Mean		Max.	Min.	Mean	
January	7437	5757	6263	385097				
February	7437	7437	7437	413030				
March	7997	4637	6814	418979	6900	1320	3082	183520
April	9851	3023	6509	387312	6900	1800	4108	244000
May	13373	4607	9196	565444	14300	7350	9468	582200
June	18305	10961	13845	823835	17700	4700	10858	648100
July	16257	4917	10743	660566	5025	1120	2255	138630
August	6317	1322	3866	237771	2150	100	581	85700
September	2215	850	1148	68311	325	70	111	6620
October	1557	622	964	59274	800	370	533	32780
November	2275	1270	1813	107881	2150	670	1114	66540
December	4433	1700	3274	201310				
For the period.....	18305	622	5989	4328810	17700	70	3565	1944000

Period 1899, full year.

Period 1900, 275 days.

Month	1901				1902			
	Discharge in Second Feet			Total in Acre Ft.	Discharge in Second Feet			Total in Acre Ft.
	Max.	Min.	Mean		Max.	Min.	Mean	
January								
February								
March	9906	1328	3280	200470	4050	950	2257	71630
April	4700	1560	2408	148300	3440	1320	2443	145350
May	14300	2150	7680	472200	9900	3440	5450	335130
June	12700	4050	9733	579200	6900	2950	5139	305750
July	4050	75	1508	92730	6100	370	2229	137090
August	800	50	346	21300	370	30	102	6300
September	1800	565	1068	63500	1800	100	481	28600
October	1320	670	1121	68900	1120	670	1035	63490
November	1800	1320	1576	93780	1560	800	1094	65180
December								
For the period.....	14300	50	3182	1735440	9900	30	2247	1158520

Period 1901, 275 days.

a 16 days. Period 1902, 260 days.

REPORT OF SECRETARY

NORTH PLATTE RIVER AT NORTH PLATTE, NEBRASKA—Continued.

Month	1903				1904			
	Discharge in Second Feet			Total in Acre Ft.	Discharge in Second Feet			Total in Acre Ft.
	Max.	Min.	Mean		Max.	Min.	Mean	
January								
February								
March	a14800	2735	6562	221263				
April	5025	2150	3223	191782	3360	1030	1938	115300
May	6100	3440	4866	299199	11370	3768	5644	347000
June	12700	2735	6825	406116	15480	6670	10280	610500
July	8300	670	8348	205861	7264	800	3881	228300
August	1220	370	711	43718	2070	32	399	24530
September	800	325	545	32430	910	20	159	9461
October	1220	875	1087	66837	1794	538	1167	71760
November	b1440	565	1316	46985	1898	1150	1517	90270
December								
For the period	14300	325	3065	1514191	15480	20	3090	1495000

a 17 days. b 18 days. Period 1903, 249 days.

Period 1904, 244 days.

Month	1905				1906			
	Discharge in Second Feet			Total in Acre Ft.	Discharge in Second Feet			Total in Acre Ft.
	Max.	Min.	Mean		Max.	Min.	Mean	
January								
February								
March	a4995	1390	2727	146000				
April	8284	1390	3743	222700	a7910	4520	6100	254000
May	15730	6635	10270	631500	13200	4856	7830	468000
June	23010	9002	14700	874700	19000	6280	10600	631000
July	15180	2060	5983	367900	7070	2080	4150	255000
August	4330	530	1862	114500	3320	50	1130	69500
September	1000	260	585	34810	2200	780	1470	87500
October	1270	200	616	37880	5300	760	1590	97800
November					3340	750	2150	128000
December								
For the period	23010	200	5084	2430000	19000	50	4260	1990000

a 27 days. Period 1905, 241 days.

a 21 days. Period 1906, 235 days.

STATE BOARD OF IRRIGATION

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NORTH PLATTE RIVER AT NORTH PLATTE, NEBRASKA—Concluded.

Month	1907				1908			
	Discharge in Second Feet			Total in Acre Ft.	Discharge in Second Feet			Total in Acre Ft.
	Max.	Min.	Mean		Max.	Min.	Mean	
January								
February								
March					2960	1580	2240	138000
April	a5580	3100	4010	239000	2370	1580	2020	120000
May	13230	2280	4870	299000	12310	2010	5860	360000
June	14950	10110	12980	773000	13990	3400	8920	530000
July	12270	2800	8460	521000	5900	1050	2250	139000
August	3930	1310	1770	109000	1050	150	515	31600
September	1820	970	1240	71500	350	160	218	13000
October	2280	1220	1360	84000	4950	200	917	56400
November	2800	1220	1710	102000	3210	480	1890	88000
December	b1600	1220	1430	39800				
For the period	14950	970	4410	2280000	13990	150	2700	1470000

a 28 days. Period 1907, 256 days. b 14 days.

Period 1908, 275 days.

Month	1909				1910			
	Discharge in Second Feet			Total in Acre Ft.	Discharge in Second Feet			Total in Acre Ft.
	Max.	Min.	Mean		Max.	Min.	Mean	
January								
February								
March	a2900	1630	2210	48200				
April	3500	1530	2350	140000				
May	14400	2350	6630	408000				
June	27100	6900	13500	808000				
July	9100	1900	5820	538000				
August	5000	1230	3600	221000				
September	1900	980	1190	70800				
October	5900	980	2750	169000				
November	2350	780	1470	87500				
December								
For the period	27100	780	446	2310000				

For such records as we
have see summary

a 11 days. Period 1909, 255 days.

REPORT OF SECRETARY

ESTIMATED MONTHLY DISCHARGE OF PLATTE RIVER AT LEXINGTON, NEBR.
Drainage Area, 53,300 Square Miles.

Month	1902				1903			
	Discharge in Second Feet			Total in Acre Ft.	Discharge in Second Feet			Total in Acre Ft.
	Max.	Min.	Mean		Max.	Min.	Mean	
January								
February								
March								
April	a 820	1680	2212	74625	9060	2220	3892	231442
May	14672	1950	5492	337598	7510	1950	5200	319710
June	b 8748	1842	5135	264829	12190	2520	6471	385070
July	c 5692	0	2234	119650	9060	1090	2710	228070
August	565	0	27	1666	2220	275	1000	62070
September	2780	0	302	17971	1260	0	239	14250
October	1896	640	*1191	73215	1950	390	1140	70060
November	d 1226	465	961	15243	a 2220	1090	1499	47580
December								
For the period	14672		2204	904797	12190	0	2978	1358430

a 23 days.

c 27 days.

Period 1902, 207 days.

a 16 days.

b 26 days.

d 8 days.

Period 1903, 230 days.

Month	1904				1905			
	Discharge in Second Feet			Total in Acre Ft.	Discharge in Second Feet			Total in Acre Ft.
	Max.	Min.	Mean		Max.	Min.	Mean	
January								
February								
March					a 2900	1650	2190	34600
April	2000	1000	1218	72480	11700	2100	4990	297000
May	10700	1025	4295	264100	24500	10500	15800	972000
June	19500	7700	12570	748000	30000	11800	22100	1320000
July	7700	1350	4071	250300	21600	2100	7770	478000
August	2000	0	760	46730	3900	0	1090	67000
September	1350	0	266	15830	2300	0	1100	65500
October	2700	750	1662	102200				
November	3100	1600	2392	142300				
December								
For the period	19500	0	3404	1642000	30000	0	8740	3230000

Period 1904, 244 days.

a 8 days. Period 1905, 191 days.

STATE BOARD OF IRRIGATION

NORTH PLATTE RIVER AT LEXINGTON, NEBRASKA—Concluded.

1906								
Month	Discharge in Second Feet			Total in Acre Ft.	Discharge in Second Feet			Total in Acre Ft.
	Max.	Min.	Mean		Max.	Min.	Mean	
January								
February								
March								
April	8500	4400	6420	331000				
May	18000	4000	7770	478000				
June	17000	5300	9970	593000				
July	5400	1900	3010	185000				
August	3000	0	745	45800				
September	1900	100	1060	63100				
October	7600	900	2480	152000				
November	7400	200	4210	251000				
December								
For the period.....	18000	0	4410	2100000				

a 26 days. Period 1906, 240 days.

REPORT OF SECRETARY

ESTIMATED MONTHLY DISCHARGE OF PLATTE RIVER AT
COLUMBUS, NEBRASKA.
Drainage Area, 56820 Square Miles.

Month	1895				1896			
	Discharge in Second Feet			Total in Acre Ft.	Discharge in Second Feet			Total in Acre Ft.
	Max.	Min.	Mean		Max.	Min.	Mean	
January								
February								
March								
April								
May								
June	a27200	5170	14027	751210	a14900	4320	7510	402170
July	9315	1390	3684	226540	4490	0	1629	100160
August	1340	96	722	44400	2375	0	423	26020
September					0	0	0	0
October					2500	188	644	39880
November					b3585	620	2169	60240
December								
For the period.....					14900	0	1932	628470

a 22 days. Period 1896, 164 days.

a 27 days. b 14 days.

Month	1897				1898			
	Discharge in Second Feet			Total in Acre Ft.	Discharge in Second Feet			Total in Acre Ft.
	Max.	Min.	Mean		Max.	Min.	Mean	
January								
February								
March								
April					a2700	500	1477	41020
May	a21600	6700	11800	655400	10700	1500	5850	359760
June	31100	5500	16910	1006330	24600	5100	11280	671120
July	b8200	2000	3950	133190	b6100	500	1520	30150
August	c4900	1400	3520	140730				
September								
October	d1600	1400	1500	11900				
November								
December								
For the period.....								

a 28 days. b 17 days. c 15 days. d 4 days. *No record. a 14 days. b 20 days.

STATE BOARD OF IRRIGATION

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PLATTE RIVER AT COLUMBUS, NEBRASKA--Continued.

Month	1899				1900			
	Discharge in Second Feet			Total in Acre Ft.	Discharge in Second Feet			Total in Acre Ft
	Max.	Min.	Mean		Max.	Min.	Mean	
January								
February								
March								
April	a23700	3600	8675	464560	a14530	1594	5584	254760
May	25770	4700	10373	637840	29440	7300	19040	1170710
June	25540	5000	13430	798960	25770	6700	14636	874490
July	24850	7400	14551	894740	10500	200	2980	177300
August	10400	0	4928	303000*				
September					b1600	400	1576	21880
October					c993	610	806	12790
November					d950	200	455	8130
December								
For the period.....								

a 27 days. a 23 days. b 7 days. c 8 days. d 9 days

Month	1901				1902			
	Discharge in Second Feet			Total in Acre Ft.	Discharge in Second Feet			Total in Acre Ft
	Max.	Min.	Mean		Max.	Min.	Mean	
January								
February								
March	a2438	1799	2060	32690	a5664	995	2816	134090
April	28400	1300	8827	525260	2308	825	1076	64050
May	9200	2088	5303	326090	13800	1212	5464	335820
June	12875	5500	9363	557120	9950	4950	6426	382350
July	b4500	725	2137	40630	11140	995	5267	323840
August	*				1150	198	404	24870
September	*				975	0	337	20020
October	*				5000	690	1798	110550
November	978	500	672	40010	b925	550	797	45830
December								
For the period.....					13800	0	2709	1441420

a 8 days. b 11 days. *no record. Period 1902, 267 days. a 24 days. b 29 days.

REPORT OF SECRETARY

PLATTE RIVER AT COLUMBUS, NEBRASKA—Continued.

Month	1903				1904			
	Discharge in Second Feet			Total in Acre Ft.	Discharge in Second Feet			Total in Acre Ft.
	Max.	Min.	Mean		Max.	Min.	Mean	
January								
February								
March	a13550	7050	9652	325460				
April	7800	1980	4339	258180				
May	21600	3300	9160	563150	a8550	1250	4128	196500
June	21600	4000	8483	504780	18190	7760	12880	766400
July	13550	2320	5846	359520	12500	1520	6888	423500
August	6375	1350	3507	215650	2075	0	451	27730
September	4750	190	1174	69000	41	0	3	180
October	1095	190	616	37710	4995	0	1037	63760
November	3100	1095	1926	114590	b1000	1000	1000	51570
December								
For the period.....	21600	190	4729	2448950	18190	0	3800	1530000

a 17 days. Period 1903, 261 days. Period 1904, 203 days. a 24 days. b 26 days.

Month	1905				1906			
	Discharge in Second Feet			Total in Acre Ft.	Discharge in Second Feet			Total in Acre Ft.
	Max.	Min.	Mean		Max.	Min.	Mean	
January								
February								
March	a3080	2280	4914	146200				
April	27400	1759	7300	464100	a13600	3240	6530	298000
May	47200	10420	19360	1190000	23200	3430	8180	508000
June	51100	24050	31180	1855000	15400	4490	9220	549000
July	34700	1730	10770	662200	10100	1020	3480	214000
August	8040	0	3217	197800	4260	10	1580	97200
September	8780	0	2978	177200	2440	8	846	50300
October	3180	0	604	37140	4970	330	1640	101000
November					6080	2290	4080	243000
December								
For the period.....	51100	0	10415	4730000	23200	8		2060000

15 days. Period 1905, 229 days. a 23 days. Period 1906, 237 days.

STATE BOARD OF IRRIGATION

PLATTE RIVER AT COLUMBUS, NEBRASKA—Concluded.

Month	1907			Total in Acres Ft.	1908			Total in Acres Ft.
	Discharge in Second Feet				Discharge in Second Feet			
	Max.	Min.	Mean		Max.	Min.	Mean	
January								
February								
March					6660	320	1720	99000
April	7600	1900	4110	244000	1640	520	1030	61000
May	9660	1900	4500	277000	4960	520	2480	152000
June	20800	10350	13360	795000	32800	3400	11750	700000
July	13450	4500	9960	612000	10800	770	3970	252000
August	5000	200	2290	141000	2300	370	832	51100
September	2140	150	720	42800	370	20	99	5890
October	2910	1180	1820	112000	2040	46	402	12900
November	3110	1100	1880	110000	2710	470	1110	66300
December	66900	2140	2720	75500				
For the period	20800	150	4730	2410000	32800	20	2560	1400000

a 29 days. b 14 days. Period 1907, 257 days. Period 1908, 275 days.

Month	1909			Total in Acres Ft.	1910		
	Discharge in Second Feet				Discharge in Second Feet		
	Max.	Min.	Mean		Max.	Min.	Mean
January							
February							
March	12300	2500	4930	274000			
April	5780	2250	3680	219000			
May	11800	2360	5620	346000			
June	19800	10900	15300	910000			
July	15700	4350	10600	652000			
August	7300	3320	4560	280000			
September	8180	890	3100	184000			
October	6950	2200	4530	279000			
November	3900	900	3020	180000			
December							
For the period	19800	890	616	3320000			

a 23 days. Period 1909, 272 days.

For such records as we have see summary

REPORT OF SECRETARY

ESTIMATED MONTHLY DISCHARGE OF LOUP RIVER AT COLUMBUS,
NEBRASKA.

Drainage Area, 13,542 Square Miles.

Month	1895			Total in Acres Ft.	1896			Total in Acres Ft.
	Discharge in Second Feet				Discharge in Second Feet			
	Max.	Min.	Mean		Max.	Min.	Mean	
January								
February								
March								
April	3675	2303	2754	163550	7018	1970	4078	242600
May	4420	2600	2900	182400	4807	2310	2985	183560
June	7100	2337	3591	213700	a8000	1928	3000	167000
July	2849	1446	2122	130480	3670	2310	2712	166780
August	4104	1525	2283	140720	3811	2103	2629	161680
September	4995	1715	2427	144430	2968	2063	2460	146350
October	2690	1913	2459	150620	3613	2287	2732	167970
November	a3643	2562	3011	137370				
December								
For the period	7190	1446	2688	1263570	8000	1928	2939	1236000

a 23 days. Period 1895, 227 days.

a 28 days. Period 1896, 212 days.

Month	1897			Total in Acres Ft.	1898			Total in Acres Ft.
	Discharge in Second Feet				Discharge in Second Feet			
	Max.	Min.	Mean		Max.	Min.	Mean	
January								
February								
March								
April	a7125	2675	3596	171210	3520	2130	2794	166230
May	2850	1850	2487	152930	5100	2425	3509	215780
June	9550	1800	2893	172120	6675	2000	4026	239550
July	11825	1600	2616	160860	2530	1620	1916	119630
August	3275	1100	1800	111220	4325	1725	2558	157280
September	1700	1000	1427	81940	2950	1460	2003	119210
October	b10400	1600	3422	203610	2900	2025	2477	152200
November					a2900	2450	2669	63520
December								
For the period	11825	1000	2574	1056890	6675	1460	2752	1233490

* a 24 days, b 30 days. Period 1897, 207 days. a 12 days. Period 1898, 226 days.

STATE BOARD OF IRRIGATION

LOUP RIVER AT COLUMBUS, NEBRASKA—Continued.

Month	1899			Total in Acre Ft.	1900			Total in Acre Ft.
	Discharge in Second Feet				Discharge in Second Feet			
	Max.	Min.	Mean		Max.	Min.	Mean	
January								
February								
March								
April	a5526	2336	3279	188660	4744	2380	3352	199430
May	b4871	1911	3035	150300	10550	2382	3717	228530
June	c7713	1804	3830	77220	14300	2055	3493	207880
July	d6984	596	2104	104310	5380	1930	3265	200700
August	3258	1278	2357	144960	7475	1610	3461	212830
September	2945	1847	2206	131290	7550	2375	3268	194480
October	2524	1315	1914	117660	3700	2909	3225	198310
November					a2975	2300	2679	90340
December								
For the period	7713	596	2520	914600	14300	1610	3345	1532570

a 29 days. b 25 days. c 10 days.
d 23 days. Period 1899, 183 days.

a 17 days.
Period 1900, 231 days.

Month	1901			Total in Acre Ft.	1902			Total in Acre Ft.
	Discharge in Second Feet				Discharge in Second Feet			
	Max.	Min.	Mean		Max.	Min.	Mean	
January								
February								
March	a3134	2621	2871	45560	a4101	2500	3343	159160
April	4681	2573	3251	193650	3206	1976	2409	143370
May	2743	1847	2346	144280	7443	2203	3226	198370
June	7097	1723	3467	206230	5036	2211	3250	193410
July	3048	795	1600	98970	10895	3394	5669	348560
August	2152	964	1377	84670	7685	2463	4767	293120
September	4776	1763	2853	169740	6909	1693	3218	191500
October	2647	1898	2243	137900	4712	2500	3011	185170
November	3367	1743	2335	138960	b2869	2040	2501	143850
December	b2579	2579	2579	5120				
For the period	7097	795	2441	1225170	10895	1693	3488	1856520

a 8 days. b 1 day.
Period 1901, 253 days.

a 24 days. b 29 days.
Period 1902, 267 days.

REPORT OF SECRETARY

LOUP RIVER AT COLUMBUS, NEBRASKA—Continued.

Month	1903				1904			
	Discharge in Second Feet			Total in Acre Ft.	Discharge in Second Feet			Total in Acre Ft.
	Max.	Min.	Mean		Max.	Min.	Mean	
January								
February								
March	a3250	4090	5550	209320	a544	3130	3715	140000
April	4740	3400	4027	239650	5300	3740	3343	198900
May	6500	2870	4085	251150	6500	1930	3031	186400
June	6060	2150	3182	189680	20000	2150	4364	259700
July	15750	2040	3942	242400	11750	2150	4266	262300
August	20000	2260	5372	330350	3890	1660	2380	146300
September	3550	2330	2763	164410	4960	1660	2392	142300
October	3710	2330	2796	171950	9750	1660	2941	180800
November	b5840	2620	3664	203570	b2500	1510	1961	101100
December								
For the period	20000	2040	3868	2002220	20000	1510	3155	1618000

a 19 days. b 28 days. Period 1903, 261 days. a 19 days. b 26 days. Period 1904, 259 days.

Month	1905				1906			
	Discharge in Second Feet			Total in Acre Ft.	Discharge in Second Feet			Total in Acre Ft.
	Max.	Min.	Mean		Max.	Min.	Mean	
January								
February								
March	a6950	3500	5017	149300				
April	11100	3050	5492	326800	a17300	2760	5570	254000
May	19680	5150	8685	532900	29400	1810	4700	289000
June	20000	3725	8117	493000	3900	1710	2400	143000
July	25800	2900	1087	557500	6550	1610	3090	190000
August	19190	5050	6349	427300	11400	1520	3260	201000
September	14600	2400	5637	335400	7120	1610	2720	162000
October	5600	3180	4082	251000	6040	1930	2870	177000
November	5850	2600	4389	261200	4340	2190	3220	186000
December								
For the period	25800	2400	6471	3324000	29400	1520	3400	1600000

a 15 days. Period 1905, 259 days. a 23 days.

Period 1906, 237 days.

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LOUP RIVER AT COLUMBUS, NEBRASKA—Concluded.

Month	1907				1908			
	Discharge in Second Feet			Total in Acre Ft.	Discharge in Second Feet			Total in Acre Ft.
	Max.	Min.	Mean		Max.	Min.	Mean	
January								
February								
March					4800	2000	3070	189000
April	a3770	2300	2280	165000	3640	1550	2590	154000
May	10900	2410	4170	256000	6600	1850	3420	210000
June	8440	1730	3960	236000	17100	1900	6800	405000
July	11800	1860	3820	235000	5400	1800	2980	183000
August	12220	1400	2800	172000	11400	1700	3340	205000
September	5190	2140	2750	164000	2950	1700	1840	109000
October	5900	1500	2650	163000	3850	1750	2250	139000
November	4160	1610	2590	154000	3200	2010	2660	158000
December	b3750	2140	3030	84300				
For the period.....	12220	1400	3200	1630000	17100	1700	3220	1750000

a 29 days. b 14 days. Period 1907, 257 days.

Period 1908, 275 days.

Discharge of Loup River at Columbus for 1909 and 1910 will be found in summary of stream measurements.

REPORT OF SECRETARY

ESTIMATED MONTHLY DISCHARGE OF MIDDLE LOUP RIVER
AT ST. PAUL, NEBRASKA.
Drainage Area, 6,849 Square Miles.

Month	1895				1896			
	Discharge in Second Feet			Total in Acre Ft.	Discharge in Second Feet			Total in Acre Ft.
	Max.	Min.	Mean		Max.	Min.	Mean	
January								
February								
March								
April					2430	900	1364	51150
May	a1666	933	1173	62820	1440	890	1151	70940
June	2987	820	1396	83080	a2250	1215	1542	86690
July	1160	614	861	52940	1770	960	1271	78170
August	1342	614	973	59840	1685	722	975	59920
September	1850	614	877	52200	1190	782	993	50060
October	1220	645	840	51650	1478	880	1041	64020
November	b1066	933	974	11570				
December								
For the period.....	2987	614	1014	374090	2430	722	1188	501960

a 27 days. b 6 days. Period 1895, 186 days. a 29 days. Period 1896, 213 days.

Month	1897				1899			
	Discharge in Second Feet			Total in Acre Ft.	Discharge in Second Feet			Total in Acre Ft.
	Max.	Min.	Mean		Max.	Min.	Mean	
January								
February								
March								
April	a1880	1540	1703	33780	a1372	856	1019	26290
May	1490	1055	1274	78358	1518	706	1032	63490
June	2600	860	1037	61700	14000	547	1026	61060
July	1800	600	865	53200	b1920	333	1007	59960
August	775	605	672	41340	2133	964	1207	74200
September	720	585	681	40530	1074	938	1019	60640
October	2500	705	1169	71860	1193	958	1109	68220
November								
December								
For the period.....	2800	585	990	380810	14000	547	1065	413870

a 10 days. Period 1897, 194 days. a 13 days. b 30 days. Period 1899, 196 days.

STATE BOARD OF IRRIGATION

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MIDDLE LOUP RIVER AT ST. PAUL, NEBRASKA—Concluded.

1903								
Month.	Discharge in Second Feet			Total in Acre Ft.	Discharge in Second Feet			Total in Acre Ft.
	Max.	Min.	Mean		Max.	Min.	Mean	
January								
February								
March								
April	a3150	1160	1787	51139				
May	15600	1250	3531	217180				
June	4950	1340	1938	115340				
July	12000	1100	2030	124820				
August	11500	1000	3365	206920				
September	1670	1160	1330	79140				
October	1820	1000	1234	75870				
November	b1550	845	1059	44120				
December								
For the period.....	15600	845	2095	914480				

a 15 days. b 21 days. Period 1903, 220 days.

REPORT OF SECRETARY

ESTIMATED MONTHLY DISCHARGE OF NORTH LOUP RIVER AT
ST. PAUL, NEBRASKA.

Drainage Area, 4,024 Square Miles.

Month	1895				1896			
	Discharge in Second Feet			Total in Acre Ft.	Discharge in Second Feet			Total in Acre Ft.
	Max.	Min.	Mean		Max.	Min.	Mean	
January								
February								
March								
April					3700	779	1304	77580
May	a1962	842	1189	63690	2327	570	1040	63910
June	1962	987	1531	91120	2825	1139	1488	88530
July	1108	837	865	53150	1460	923	1102	67760
August	1787	593	984	60480	1072	835	904	55600
September	3991	648	1094	65080	1016	835	913	54330
October	1953	842	1146	70440	1220	837	958	58910
November	b1857	566	1015	42230				
December								
For the period	3991	437	1119	446230	3707	570	1099	466620

a 27 days. b 21 days. Period 1895, 201 days.

Period 1896, 214 days.

Month	1897				1899			
	Discharge in Second Feet			Total in Acre Ft.	Discharge in Second Feet			Total in Acre Ft.
	Max.	Min.	Mean		Max.	Min.	Mean	
January								
February								
March								
April	a1400	1130	1242	27090	a2925	1130	1710	44090
May	1250	915	1080	66440	1610	867	1141	70190
June	b2550	720	1032	59350	7500	983	1533	91190
July	1890	610	824	50640	2250	701	1034	63590
August	900	570	673	41340	1500	742	1049	64490
September	1100	600	705	41950	1156	793	888	52810
October	c1320	720	979	58240	987	118	884	54380
November								
December								
For the period	2550	570	897	345040	7500	118	1128	440740

a 11 days. b 29 days. c 30 days. Period 1897, 194 days.

a 13 days. Period 1899, 197 days.

STATE BOARD OF IRRIGATION

NORTH LOUP RIVER AT ST. PAUL, NEBRASKA—Concluded.

1903								
Month	Discharge in Second Feet			Total in Acre Ft.	Discharge in Second Feet			Total in Acre Ft.
	Max.	Min.	Mean		Max.	Min.	Mean	
January								
February								
March								
April	a1980	1070	1272	40380				
May	b1980	890	1276	75930				
June	1700	750	1089	64800				
July	c4500	700	1170	67320				
August	4410	810	1631	74400				
September	1180	610	835	49670				
October	1560	700	1000	61490				
November	2270	400	1316	78310				
December								
For the period	4500	400	1298	512300				

a 16 days. b 30 days. c 29 days. Period 1903, 199 days.

REPORT OF SECRETARY

ESTIMATED MONTHLY DISCHARGE OF ELKHORN RIVER AT
NORFOLK, NEBRASKA.
Drainage Area, 2,474 Square Miles.

Month	1896				1897			
	Discharge in Second Feet			Total in Acre Ft.	Discharge in Second Feet			Total in Acre Ft.
	Max.	Min.	Mean		Max.	Min.	Mean	
January								
February								
March								
April								
May					940	320	533	32800
June					370	255	302	17950
July	a321	172	206	6530	380	180	244	15030
August	570	162	210	12910	275	150	206	12660
September	186	155	173	10300	190	115	158	9413
October	298	182	210	12940	295	140	209	12830
November	b313	298	305	2420				
December								
For the period	570	155	203	45100	940	115	276	100680

a 16 days. b 4 days. Period 1896, 112 days.

Period 1897, 184 days.

Month	1898				1899			
	Discharge in Second Feet			Total in Acre Ft.	Discharge in Second Feet			Total in Acre Ft.
	Max.	Min.	Mean		Max.	Min.	Mean	
January								
February								
March								
April	f10	40	464	27620	a573	427	563	38930
May	1470	405	704	43260	1750	374	745	45830
June	c1380	475	776	32310	2900	490	559	32700
July	435	200	317	19490	820	246	376	23130
August	440	210	285	17510	334	161	254	15610
September	245	160	196	11660	203	80	168	10000
October	a280	185	236	13560	237	180	217	13320
November	b335	280	303	11420				
December								
For the period	1470	160	402	176830	2200	80	400	164530

a 29 days. b 19 days. c 21 days.
Period 1898, 222 days.

a 24 days.
Period 1899, 208 days.

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ELKHORN RIVER AT NORFOLK, NEBRASKA—Concluded.

Month	1900				1901			
	Discharge in Second Feet			Total in Acre Ft.	Discharge in Second Feet			Total in Acre Ft.
	Max.	Min	Mean		Max.	Min.	Mean	
January								
February								
March								
April	1570	318	586	34840	933	431	617	38530
May	2400	360	721	44330	767	306	489	30080
June	513	220	316	18800	3438	270	1270	75560
July	294	145	223	13720	2003	215	765	47070
August	310	110	203	12460	231	149	172	10600
September	290	180	220	13110	302	142	266	15810
October	425	195	265	16310	342	308	323	19840
November	a380	337	357	12030	357	319	334	19920
December								
For the period	2400	110	361	165600	3438	142	532	257410

a 17 days. Period 1900, 231 days.

Period 1901, 244 days.

Month	1902				1903			
	Discharge in Second Feet			Total in Acre Ft.	Discharge in Second Feet			Total in Acre Ft.
	Max.	Min	Mean		Max.	Min.	Mean	
January								
February								
March	a644	544	591	21100	a4500	1570	2707	123510
April	1028	444	650	38710	1500	430	855	50920
May	773	457	616	37900	8000	810	1610	99000
June	840	259	490	29160	3860	720	1998	118870
July	1462	287	710	43640	5000	440	1007	61980
August	729	263	354	21790	1920	940	1177	72430
September	2750	319	642	38220	1010	210	539	32070
October	2597	648	1265	77760	710	180	248	15240
November	b701	362	483	22010	b280	180	217	6890
December								
For the period	2750	25	65	330300	8000	180	1157	530810

a 18 days.

Period 1902, 255 days.

a 23 days.

b 23 days.

Period 1903, 253 days.

b 16 days.

REPORT OF SECRETARY

ESTIMATED MONTHLY DISCHARGE OF ELKHORN RIVER AT
ARLINGTON, NEBRASKA.
Drainage Area, 5,980 Square Miles.

Month	1899				1900			
	Discharge in Second Feet			Total in Acre Ft.	Discharge in Second Feet			Total in Acre Ft.
	Max.	Min.	Mean		Max.	Min.	Mean	
January								
February								
March								
April	a804	780	796	4740	1181	484	742	44180
May	b2480	733	1537	37300	2283	662	1166	71680
June	4315	1013	1701	101190	927	390	610	36300
July	1443	538	871	53540	1293	325	562	34530
August	811	384	563	34640	1250	322	627	38580
September	392	288	320	19380	4160	426	1331	79180
October	437	284	361	22220	3656	470	824	50650
November					a2000	590	1038	49440
December								
For the period	4315	284	820	266200	4160	322	857	401510

a 3 days. b 12 days. Period 1899, 165 days. a 24 days. Period 1900, 238 days.

ELKHORN RIVER AT ARLINGTON, NEBRASKA—(Concluded)

Month	1901				1902			
	Discharge in Second Feet			Total in Acre Ft.	Discharge in Second Feet			Total in Acre Ft.
	Max.	Min.	Mean		Max.	Min.	Mean	
January								
February								
March					a2029	771	1251	52110
April	1335	833	1065	63350	1342	731	974	57990
May	2133	613	1137	69910	1640	718	931	57260
June	4745	541	1869	111210	1280	465	781	46470
July	3825	544	1372	81330	9568	585	3633	223370
August	533	317	422	25060	3114	471	1453	83370
September	715	311	514	30580	1846	530	1001	59550
October	673	544	599	36830	3199	1161	2034	125070
November	726	537	627	37290	1463	804	1051	62540
December								
For the period.....	4745	311	954	453520	9568	465	1471	773730

Period 1901, 244 days.

a 21 days. Period 1902, 265 days.

Month	1903			
	Discharge in Second Feet			Total in Acre Ft.
	Max.	Min.	Mean	
January				
February				
March	a4800	3890	4253	59050
April	3510	1064	1936	115220
May	b7665	1410	3984	237660
June	8510	1945	4302	257030
July	4650	1178	2516	154710
August	b8670	1290	3567	212230
September	7565	1380	3025	193400
October	2515	1320	1884	115850
November	c1945	613	1399	58270
December				
For the period.....	8670	613	2876	1403460

/ a 7 days. b 30 days c 21 days. Period 1903, 246 days.

REPORT OF SECRETARY

ESTIMATED MONTHLY DISCHARGE OF NIORARA RIVER AT
VALENTINE, NEBRASKA.

Month	1902				1903				
	Discharge in Second Feet			Total in Acre Ft.	Discharge in Second Feet			Total in Acre Ft.	
	Max.	Min.	Mean		Max.	Min.	Mean		
January									
February					a1525	505	998	27720	
March	a1630	615	1169	51020	1860	525	1357	83470	
April	1155	700	896	53330	1425	750	979	58260	
May	1240	615	802	49310	1075	700	794	48800	
June	1740	580	740	44030	805	615	692	41170	
July	4260	510	808	49720	7000	550	912	56100	
August	865	525	653	40170	6800	525	843	51820	
September	800	550	649	38640	700	580	638	37960	
October	805	665	746	45900	750	580	685	42000	
November	930	700	807	48010	b865	615	724	33040	
December	b805	505	694	8260	c1000	525	722	43000	
For the period.....	4260	505	794	428390	7000	505	846	523410	
a 22 days. b 6 days. Period 1902, 272 days.				a 14 days. b 23 days. c 30 days. Period 1903, 312 days.					

Month	1904				1905				
	Discharge in Second Feet			Total in Acre Ft.	Discharge in Second Feet			Total in Acre Ft.	
	Max.	Min.	Mean		Max.	Min.	Mean		
January									
February	805	600	640	33550					
March	1000	600	692	42550	a1150	820	945	50610	
April	750	615	674	40110	1150	710	883	52540	
May	865	655	706	43410	1740	675	890	54720	
June	2115	615	835	49690	2300	680	1010	60100	
July	1330	615	675	41510	3420	900	1402	86200	
August	700	580	644	39600	1375	700	902	55460	
September	805	580	627	37310	840	700	760	45220	
October	865	615	760	46730	855	705	774	47580	
November	865	750	800	47610	1030	575	866	51530	
December									
For the period.....	2115	580	705	422070	3420	575	924	503970	
Period 1904, 301 days.				a 27 days. Period 1905, 275 days.					

STATE BOARD OF IRRIGATION

ESTIMATED MONTHLY DISCHARGE OF NIOBRARA RIVER AT
VALENTINE, NEBRASKA.

1906								
Month	Discharge in Second Feet			Total in Acre Ft.	Discharge in Second Feet			Total in Acre Ft.
	Max.	Min.	Mean		Max.	Min.	Mean	
January	1750	705	1040	64000				
February	1180	595	898	49900				
March	1950	390	994	61100				
April	1710	900	1070	63700				
May	1300	620	843	51800				
June	815	575	662	39400				
July	820	573	633	28900				
August	915	595	722	44400				
September	910	607	678	40300				
October	1160	573	760	46700				
November	1040	607	859	51100				
December								
For the period.....	1950	573	834	551000				

Period 1906, 334 days.

REPORT OF SECRETARY

ESTIMATED MONTHLY DISCHARGE OF SOUTH FORK REPUBLICAN
RIVER AT BENKELMAN, NEBRASKA.
Drainage Area, 5,910 Square Miles.

Month	1903				1904			Total in Acre Ft.	
	Discharge in Second Feet			Total in Acre Ft.	Discharge in Second Feet				Total in Acre Ft.
	Max.	Min.	Mean		Max.	Min.	Mean		
January									
February									
March					102	31	60	3695	
April					66	6	21	1256	
May	a57	36	48	1142	235	47	92	5682	
June	65	7	37	2202	397	47	132	7855	
July	36	7	15	922	115	5	39	2416	
August	79	7	25	1537	89	11	24	1476	
September	b22	7	15	655	47	5	13	774	
October	50	22	39	2398	115	31	57	3536	
November	c65	50	57	2261	66	47	59	3534	
December									
For the period	79	7	32	11117	397	5	55	30220	

a 12 days. b 22 days. c 20 days.
Period 1903, 177 days.

Period 1904, 275 days.

Month	1905				1906			
	Discharge in Second Feet			Total in Acre Ft.	Discharge in Second Feet			Total in Acre Ft.
	Max.	Min.	Mean		Max.	Min.	Mean	
January								
February								
March	a249	96	159	4730				
April	300	52	141	8390	317	73	129	7680
May	137	52	100	6149	215	52	99.3	6110
June	283	21	68	4046	52	0	9.0	537
July	152	5	35	2152	183	0	10.9	670
August	b96	21	47	1212	0	0	0	0
September					0	0	0	0
October					61	0	21.8	1340
November					61	36	48.0	2860
December								
For the period	300	5	90	26681	317	0	50	19200

a 15 days. b 13 days. Period 1905, 150 days.

Period 1906, 244 days.

STATE BOARD OF IRRIGATION

ESTIMATED MONTHLY DISCHARGE OF THE REPUBLICAN RIVER AT
BENKELMAN, NEBRASKA.

Drainage Area, 3,965 Square Miles.

Month	1903				1904			
	Discharge in Second Feet			Total in Acre Ft.	Discharge in Second Feet			Total in Acre Ft.
	Max.	Min.	Mean		Max.	Min.	Mean	
January								
February								
March					111	46	89	5478
April					124	30	64	3862
May	a71	47	58	1380	99	23	53	3314
June	81	43	59	3511	227	46	91	5427
July	112	19	39	2308	211	5	40	2490
August	61	26	32	1968	165	10	29	1802
September	47	19	39	2321	46	0	14	887
October	54	43	49	3013	195	30	61	3769
November	b64	50	56	2222	87	55	64	3844
December								
For the period.....	112	19	46	16813	227	0	57	30870

a 12 days. b 20 days.
Period 1903, 185 days.

Period 1904, 275 days.

Month	1905				1906			
	Discharge in Second Feet			Total in Acre Ft.	Discharge in Second Feet			Total in Acre Ft.
	Max.	Min.	Mean		Max.	Min.	Mean	
January								
February								
March	a237	93	151	3890				
April	328	142	183	10900	398	88	135	8030
May	182	97	129	7930	295	59	108	6640
June	118	27	66	3920	263	10	48	2886
July	310	27	74	4540	128	0	25	1520
August	110	3	50	3110	62	2	31	1880
September	105	8	62	3666	108	17	40	2370
October	195	50	87	5340	122	47	83	5120
November					180	117	147	8750
December								
For the period.....	328	3	96	43300	398	0	77	37200

a 13 days. Period 1905, 227 days.

Period 1906, 244 days.

REPORT OF SECRETARY

*ESTIMATED MONTHLY DISCHARGE OF THE REPUBLICAN RIVER AT
SUPERIOR AND BOSTWICK, NEBRASKA.
Drainage Area, 22,347 Square Miles.

Month	1896				1897			
	Discharge in Second Feet			Total in Acre Ft.	Discharge in Second Feet			Total in Acre Ft.
	Max.	Min.	Mean		Max.	Min.	Mean	
January					900	555	710	48655
February					1520	420	906	50316
March					650	385	510	31359
April					2870	620	1244	74023
May	1190	180	418	25708	1030	180	420	25825
June	a1052	441	622	13716	a750	180	359	17802
July	b4850	374	1179	70160	4310	119	922	56690
August	1816	223	660	40535	1460	94	259	15924
September	c423	197	279	16050	241	0	71	4225
October	415	101	231	14204				
November	1137	282	449	26720				
December								
For the period.....	4850	180	582	207138	4310	0	602	319813

a 11 days. b 30 days. c 29 days. Period 1896, 194 days.
a 25 days. Period 1897, 268 days.

Month	1898				1899			
	Discharge in Second Feet			Total in Acre Ft.	Discharge in Second Feet			Total in Acre Ft.
	Max.	Min.	Mean		Max.	Min.	Mean	
January								
February								
March					a956	601	706	18250
April	a2130	490	755	16490	842	375	578	34393
May	1870	500	1053	64747	1800	292	511	31420
June	2030	560	1235	73487	4036	141	581	31597
July	1345	220	479	29453	1384	209	458	28102
August	380	100	195	11990	888	136	303	18631
September	470	185	289	17197	102	6	50	2975
October	365	145	264	16233	101	24	53	3259
November	b470	320	382	14895				
December								
For the period.....	2130	100	574	243902	4066	6	875	168687

a 11 days. b 9 days. Period 1898, 214 days. a 13 days. Period 1899, 227 days.
*1896-1902, gagings made at Superior.

STATE BOARD OF IRRIGATION

*REPUBLICAN RIVER AT SUPERIOR AND BOSTWICK, NEBRASKA—Continued.

Month	1900				1901			
	Discharge in Second Feet			Total in Acre Ft.	Discharge in Second Feet			Total in Acre Ft.
	Max.	Min.	Mean		Max.	Min.	Mean	
January								
February								
March								
April	1671	565	909	54060	1507	637	961	57163
May	2945	320	735	45200	622	146	363	22381
June	674	250	392	23330	490	117	219	18031
July	349	67	159	9779	154	5	42	2613
August	a1278	24	178	5650	856	5	70	4304
September					4941	10	1245	74142
October					1490	295	443	27239
November					1090	812	419	24932
December								
For the period.....					4941	5	470	225810

a 16 days.

Period 1901, 244 days.

Month	1902				1903			
	Discharge in Second Feet			Total in Acre Ft.	Discharge in Second Feet			Total in Acre Ft.
	Max.	Min.	Mean		Max.	Min.	Mean	
January								
February								
March	a920	330	644	29680	a7750	1260	2692	96111
April	740	445	555	33023	1260	705	918	54635
May	3115	385	1269	79035	14100	845	4491	276141
June	3235	320	1339	79690	6455	835	1921	114307
July	b12490	970	3422	183250	7825	465	1948	119778
August	1920	330	674	41490	8285	520	1230	75630
September	10875	155	1175	69920	700	270	389	23147
October	1995	520	937	57620	390	245	326	20045
November	970	460	622	37010	690	130	417	24813
December								
For the period.....	12490	155	1168	609413	14100	130	1549	804607

a 23 days. b 27 days. Period, 1902, 264 days. a 18 days. Period 1903, 262 days.
*1896-1902, gagings made at Superior.

REPORT OF SECRETARY

REPUBLICAN RIVER AT SUPERIOR AND BOSTWICK, NEBRASKA—Continued.

Month	1904				1905			
	Discharge in Second Feet			Total in Acre Ft.	Discharge in Second Feet			Total in Acre Ft.
	Max.	Min.	Mean		Max.	Min.	Mean	
January								
February								
March					a1210	930	1082	21460
April					1870	760	1060	63070
May					7190	975	1927	118500
June	a4630	400	1668	82610	7015	975	2949	175500
July	7480	367	1658	101900	24500	1315	5734	352600
August	1020	245	472	29020	11060	630	3082	189500
September	335	60	181	10770	1090	500	725	43140
October	1115	275	514	31600	595	410	479	29450
November	570	465	523	31120				
December								
For the period.....	7480	60	813	287000	24500	410	2234	993220

a 25 days. Period 1904, 178 days. a 10 days. Period 1905, 224 days.

*1896-1902, gagings made at Superior.

Month	1906				1907			
	Discharge in Second Feet			Total in Acre Ft.	Discharge in Second Feet			Total in Acre Ft.
	Max.	Min.	Mean		Max.	Min.	Mean	
January								
February								
March								
April	a1690	480	673	32000	a480	380	429	24700
May	5130	750	1610	99000	1700	260	531	32700
June	750	260	466	27700	2290	380	704	41900
July	b2140	210	736	35000	1330	180	439	27000
August	1500	280	553	34000	200	0	125	7700
September	460	150	253	15100	180	60	98	5850
October	790	170	371	22100	320	85	138	8470
November	630	525	610	36300	380	165	235	1400
December					b380	320	352	9780
For the period.....	5130	150	660	301000	2290	0	319	172600

a 24 days. Period 1906, 230 days.

b 24 days.

a 29 days. Period 1907, 257 days.

b 14 days.

STATE BOARD OF IRRIGATION

REPUBLICAN RIVER AT SUPERIOR AND BOSTWICK, NEBRASKA—Concluded.

1908					1909				
Month	Discharge in Second Feet			Total in Acre Ft.	Discharge in Second Feet			Total in Acre Ft.	
	Max.	Min.	Mean		Max.	Min.	Mean		
January									
February									
March	725	450	520	31900	690	660	755	37400	
April	480	255	360	21400	640	280	444	23900	
May	1340	255	423	26000	2740	270	555	34100	
June	7700	280	1780	104500	4300	550	1680	100000	
July	4470	400	955	58900	4410	295	1250	76900	
August	4570	185	930	57100	940	65	238	14600	
September	615	110	233	13900	5480	65	690	41100	
October	4320	120	589	34400	270	160	201	12400	
November	685	430	512	30500	720	230	358	21300	
December					605	500	557	5440	
For the period	7700	110	695	378000	5480	65	759	367040	

Period 1908, 275 days. a 24 days. b 27 days. Period 1909, 265 days.

1910				
Month	Max.	Min.	Mean	Total in Acre Ft.
January				
February				
March	680	400	527	22000
April	400	325	359	21400
May	600	275	388	23900
June	660	125	264	15700
July	325	60	116	7130
August	5430	50	1120	68900
September	2810	160	496	29500
October				
November				
December				
For the period	5430	50	468	188530

REPORT OF SECRETARY

*ESTIMATED MONTHLY DISCHARGE OF NORTH PLATTE RIVER AT
WHALEN, WYOMING.

Month	1909			Total in Acre Ft.	1910			Total in Acre Ft.
	Discharge in Second Feet				Discharge in Second Feet			
	Max.	Min.	Mean		Max.	Min.	Mean	
January					850	590	653	40139
February					669	531	616	34221
March					3114	740	2174	133684
April					3191	1521	2209	131451
May	11580	2608	6653	409121	1409	1044	1213	74636
June	20217	8001	10815	665030	2611	970	2023	120854
July	8199	7177	7699	473399	2296	1628	2019	124137
August	7966	3254	6231	386227	1895	1664	1746	107363
September	3266	2729	3008	179026	1965	1530	1692	100637
October	5556	1129	3460	212749	1865	418	837	51378
November	1320	456	1001	59615	765	700	749	17821
December	1221	125	762	46905				
For the period.....	20217	125	4972	2432072	3191	418	1493	935926

Period 1909, 295 days.

*Including flow of Interstate Canal.

ESTIMATED MONTHLY DISCHARGE OF INTERSTATE CANAL AT
WHALEN, WYOMING.

Month	1909				1910			
	Discharge in Second Feet			Total in Acre Ft.	Discharge in Second Feet			Total in Acre Ft.
	Max.	Min.	Mean		Max.	Min.	Mean	
January								
February								
March								
April					573	177	415	11525
May	412	0	331	20339	979	313	502	36420
June	872	0	357	21247	1230	0	995	59222
July	1196	408	959	59020	1195	0	997	61337
August	1182	1106	1150	70723	1195	1166	1190	78210
September	1157	911	973	57854	1200	780	1181	70292
October	960	48	665	7911	650	315	454	3600
November								
December								
For the period.....	1196	0	751	237101	1280	0	931	315606

Period 1909, 159 days.

Period 1910, 171 days.

REPORT OF SECRETARY

ESTIMATED DISCHARGE OF LITTLE BLUE RIVER AT FAIRBURY, NEBRASKA.
Drainage Area, 2,660 Square Miles.

1908					1909				
Month	Discharge in Second Feet			Total in Acre Ft.	Discharge in Second Feet			Total in Acre Ft.	
	Max.	Min.	Mean		Max.	Min.	Mean		
January					190	150	183	113000	
February					330	180	213	11800	
March					225	180	197	12100	
April					190	170	180	10700	
May	6690	200	1430	25500	2140	160	354	21800	
June	21100	412	6560	390000	9550	100	1180	70200	
July	8310	425	1870	115000	8200	200	1350	83000	
August	13340	230	1460	90000	425	150	204	12500	
September	400	185	235	14000	3650	150	656	39000	
October	200	180	190	11700	350	170	209	12900	
November	189	171	179	10600	2390	170	498	29600	
December					2390	255	477	28300	
For the period.....	21100	171	1720	657000	9550	100	479	344000	
a 9 days. Period 1908, 192 days.					Period 1909, full year.				
1910									
January									
February	580	260	361	20000					
March	440	205	267	16400					
April	210	150	187	11100					
May	5050	160	412	25300					
June	6300	160	710	42200					
July	440	160	225	13800					
August	2600	150	378	23200					
September	1780	130	264	15700					
October									
November									
December									
For the period.....	6300	130	351	167700					

The following table gives a list of discharge measurements of various streams made at points other than regular gaging stations.

We have endeavored to procure measurements of the flow of streams of the state as far as possible, particularly the streams used for irrigation or power.

A large number of these measurements have been given in former reports, but it is thought best to reproduce them here with the addition of such measurements as have been made since the last published report.

SUMMARY OF ALL STREAM MEASUREMENTS.

Made in Nebraska at points other than regular gaging stations for the years 1894 to 1910, inclusive.

Stream	Locality	Hydrographer	Date	Discharge Cubic Feet Per Sec.	Remarks
Ash Creek, E. Branch.....	Half mile above mouth.....	E. T. Youngfelt.....	June 25, 1896	1.09	Tributary White river
Ash Creek, E. Branch.....	Head of Tomlin D. 30-32-50.....	C. B. Channel.....	May 15, 1899	3.35	Tributary White river
Ash Creek, E. Branch.....	Head of Sheldon D. 33-32-50.....	A. B. McCoskey.....	Aug. 18, 1899	0.33	Tributary White river
Ash Creek, E. Branch.....	Quarter mile above fork.....	T. J. O'Keefe.....	June 22, 1900	0.25	Tributary White river
Ash Creek, E. Branch.....	Head Tomlin D. 31-32-50.....	A. B. McCoskey.....	July 17, 1900	.38	Tributary White river
Ash Creek, E. Branch.....	Quarter mile above fork.....	T. J. O'Keefe.....	Aug. 20, 1900	Dry	Tributary White river
Ash Creek, W. Branch.....	N. line sec. 25-32-51.....	E. T. Youngfelt.....	June 25, 1896	1.73	Tributary White river
Ash Creek, W. Branch.....	Woodward's 25-32-51.....	C. B. Channel.....	May 15, 1899	0.19	Tributary White river
Ash Creek, W. Branch.....	Head of Mace D. 2-32-51.....	A. B. McCoskey.....	Aug. 18, 1896	0.96	Tributary White river
Ash Creek, W. Branch.....	Quarter mile above fork.....	T. J. O'Keefe.....	June 22, 1900	0.14	Tributary White river
Ash Creek, W. Branch.....	Ab. Broadhurst Dam 35-32-51.....	A. B. McCoskey.....	July 17, 1900	0.97	Tributary White river
Ash Creek.....	Sec. 12-32-51.....	A. B. McCoskey.....	Sept. 21, 1898	0.51	Tributary White river
Ash Creek.....	At Cripps 13-32-51.....	C. B. Channel.....	May 15, 1899	0.50	Tributary White river
Ash Creek.....	At mouth.....	C. B. Channel.....	May 15, 1899	.76	
Ash Creek.....	Sec. 12-32-51.....	G. W. Bates.....	June 10, 1908	15.	Flood
Ash Creek.....	Sec. 12-32-51.....	G. W. Bates.....	June 14, 1908	47.8	Tributary White river
Ash Creek.....	Above Spraggs' Dam 10-31-17.....	C. B. Channel.....	June 20, 1898	2.19	Tributary Niobrara river
Antelope Creek.....	Section 12-32-40.....	A. B. McCoskey.....	June 2, 1898	3.1	Tributary Niobrara river
Baker Creek.....	North line sec. 19-31-13.....	C. B. Channel.....	June 19, 1899	0.35	Tributary Niobrara river
Bazile creek.....	Niobrara.....	G. W. Bates.....	May 16, 1908	97.0	Tributary Niobrara river
Bazile creek.....	Creighton.....	Arthur Dobson.....	Sept. 10, 1908	6.3	Tributary Niobrara river
Beaver creek.....	Genoa.....	O. V. P. Stout.....	Sept. 7, 1894	71.	Tributary Loup river

SUMMARY OF ALL STREAM MEASUREMENTS--(Continued).

Stream	Locality	Hydrographer	Date	Discharge Cubic Feet Per Sec.	Remarks
Beaver creek	Genoa	W. J. McEathron	Aug. 14, 1896	112.2	Tributary Loup river
Beaver creek	Genoa	O. V. P. Stout	June 21, 1898	149.7	Tributary Loup river
Beaver creek	Genoa	O. V. P. Stout	Aug. 8, 1900	50.18	Tributary Loup river
Beaver creek	Albion	O. V. P. Stout	July 21, 1896	47.4	Tributary Loup river
Beaver creek	Albion	Glen E. Smith	April 23, 1898	88.6	Tributary Loup river
Beaver creek	Below division Gt. E. Can.	O. V. P. Stout	Aug. 8, 1900	7.21	Tributary Loup river
Beaver creek	Genoa	O. V. P. Stout	July 12, 1901	74.7	Tributary Loup river
Beaver creek	Genoa	O. V. P. Stout	July 30, 1901	85.5	Tributary Loup river
Beaver creek	Albion	B. E. Forbes	Dec. 3, 1901	92.3	Tributary Loup river
Beaver creek	Sec. 20-44-46	C. B. Channel	May 22, 1896	8.97	Tributary White river
Beaver creek	Sec. 4-33-46	G. W. Bates	July 3, 1906	1.65	Tributary White river
Beaver creek	Sec. 34-35-47	G. W. Bates	July 8, 1908	1.45	Tributary White river
Beaver or Mud	Ravenna	J. C. Stevens	Mar. 11, 1903	984.0	
Beaver in Holt	Sec. 19-32-16	G. W. Bates	April 27, 1905	20.0	About twice normal
Birdwood creek		U. S. Geol. Sur.		126.	Tributary No. Platte river
Birdwood creek	Below Bratt's Ditch	O. V. P. Stout	Sept. 9, 1896	133.	Bratt's D. diverting
Birdwood creek	Ab. Beauchamp's D. 15.15-33	C. B. Channel	May 7, 1898	123.32	
Birdwood creek	One mile above mouth	H. H. Pickens	May 25, 1899	183.47	
Birdwood creek	Sec. 35-15-33	H. O. Smith	Aug. 29, 1901	183.	
Birdwood creek	Sec. 15-15-33	H. O. Smith	Oct. 30, 1901	170.4	
Birdwood creek	Below E. Birdwood D.	H. O. Smith	Sept. 23, 1903	147.93	
Birdwood creek	East Birdwood Ditch	H. O. Smith	Sept. 23, 1903	14.46	
Blue creek		U. S. Geol. Sur.		105.	Tributary No. Platte river
Blue creek	N. E. ¼ of Sec. 30-16-42	Adna Dobson	Mar. 28, 1897	115.	
Blue creek	Sec. 33-17-42	A. B. McCoskey	Aug. 31, 1898	80.6	
Blue creek	S. line Sec. 18-27-42	H. H. Pickens	May 22, 1899	90.12	

SUMMARY OF ALL STREAM MEASUREMENTS—(Continued).

Stream	Locality	Hydrographer	Date	Discharge Cubic Feet Per Sec.	Remarks
Blue creek	Above Graff Dam, 19-16-42	E. D. Johnson	July 26, 1900	27.39	
Blue creek	Sec. 6-16-42	H. O. Smith	July 17, 1902	90.0	
Blue creek	Sec. 19-16-42	H. O. Smith	Aug. 18, 1902	50.0	
Blue creek	S. line Sec. 18-16-42	H. O. Smith	Aug. 31, 1904	26.25	
Blue creek	2nd bridge from mouth	R. H. Willis	Aug. 14, 1910	23.1	
Blue creek	Near mouth	R. H. Willis	Sept. 3, 1910	57.36	
Blue river	Beatrice	O. V. P. Stout	Aug. 21, 1897	203.00	
Blue river	Beatrice	O. V. P. Stout	July 4, 1898	285.	
Blue river	Seward	O. V. P. Stout	July 1, 1898	42.7	Below dam. Mill not running
Blue river	Milford	O. V. P. Stout	July 1, 1898	53.4	Below mill
Blue river	Crete	O. V. P. Stout	July 2, 1898	126.6	Below mill
Blue river	DeWitt	O. V. P. Stout	July 2, 1898	202.	1000 feet below mill
Blue river	DeWitt	O. V. P. Stout	June 7, 1900	235.	
Blue river	Blue Springs	O. V. P. Stout	June 7, 1900	250.	
Blue river	Vilber	O. V. P. Stout	June 7, 1900	189.8	
Blue river	Wymore	O. V. P. Stout	July 12, 1901	235.	
Blue river	Seward	J. C. Stevens	April 5, 1902	50.0	
Blue river	Crete	J. C. Stevens	April 18, 1902	143.0	
Blue river	Crete	J. C. Stevens	April 18, 1902	132.	
Blue river	Wymore	J. C. Stevens	June 4, 1904	664.	
Blue river	Wymore	J. C. Stevens	June 28, 1904	453.	
Blue river	Oak	Jas. A. Green	July 14, 1904	517.1	
Blue river	Beatrice	Arthur Dobson	Jan. 18, 1908	291.9	
Blue river	Beatrice	Arthur Dobson	Feb. 29, 1908	705.	
Blue river	Beatrice	Adna Dobson	April 25, 1908	305.0	
Blue river	Beatrice	Arthur Dobson	May 19, 1908	383.1	
Blue river	Beatrice	Arthur Dobson	June 25, 1908	12220.0	
Blue river	Beatrice	Arthur Dobson	June 23, 1908	3698.4	
Blue river	Beatrice	Arthur Dobson	July 25, 1908	990.0	

SUMMARY OF ALL STREAM MEASUREMENTS—(Continued).

Stream	Locality	Hydrographer	Date	Discharge Cubic Feet Per Sec.	Remarks
Blue river.....	Beatrice	Arthur Dobson.....	Sept. 16, 1908	307.0	
Blue river.....	Beatrice	Arthur Dobson.....	Oct. 23, 1908	470.0	
Blue river.....	Wilber	Arthur Dobson.....	Sept. 16, 1908	288.0	
Blue river.....	Crete	Arthur Dobson.....	Sept. 17, 1908	300.	In mill race
Blue river.....	Beatrice	Arthur Dobson.....	Nov. 28, 1908	378.	
Blue river.....	Beatrice	Arthur Dobson.....	Dec. 30, 1908	376.	
Blue river, big.....	Beatrice	D. D. Price.....	July 8, 1910	321.	
Blue river, big.....	Beatrice	A. A. Dobson.....	July 13, 1910	359.	
Blue river, big.....	Beatrice	A. A. Dobson.....	Aug. 13, 1910	303.	
Blue river, big.....	Beatrice	A. A. Dobson.....	Sep. 22, 1910	400.	
Blue river, big.....	Beatrice	A. A. Dobson.....	Oct. 29, 1910	328.	
Blue river, big.....	Beatrice	A. A. Dobson.....	Nov. 11, 1910	405.	
Blue river, little.....	Ayr, Neb.....	O. V. P. Stout.....	Aug. 23, 1900	1.71	
Blue river, little.....	W. line 18-5.10.....	O. V. P. Stout.....	Aug. 23, 1900	1.58	
Boardman creek.....	Two miles above mouth.....		July 24, 1897	Est. 1.	
Boardman creek.....	Sec. 6-29-33.....	A. B. McCoskey.....	May 20, 1898	Est. 40.	
Boardman creek.....	Beckley's 18-30-31.....	C. B. Channel.....	June 3, 1898	16.4	
Boardman creek.....	Secs. 1 and 2-30-31.....	J. C. Stevens.....	Aug. 16, 1904	7.3	
Boggy creek.....	L. between secs. 17 and 18-32-54.....	A. B. McCoskey.....	July 8, 1897	.15	Tributary Hat creek
Boggy creek.....	N. line sec. 31-33-54.....	A. B. McCoskey.....	July 8, 1897	.35	
Boggy creek.....	N. line sec. 31-33-54.....	A. B. McCoskey.....	May 24, 1899	.05	
Bone creek.....	Ainsworth.....	C. B. Channel.....	June 12, 1898	3.72	
Bone creek.....	At Strenger's 16-31-21.....	C. B. Channel.....	June 17, 1899	12.46	
Bordeaux creek, big.....	Sec. 25-33-48.....	A. B. McCoskey.....	Sept. 22, 1898	1.9	
Bordeaux creek, big.....	Sec. 23-33-48.....	G. W. Bates.....	June 25, 1908	5.97	

SUMMARY OF ALL STREAM MEASUREMENTS—(Continued).

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Stream	Locality	Hydrographer	Date	Discharge Cubic Feet Per Sec.	Remarks
Bordeaux creek, big	Sec. 11-32-48	G. W. Bates	June 30, 1908	0.19	Docket No. 4.94 using 0.08
Bordeaux creek, big	Sec. 21-34-48	G. W. Bates	July 17, 1908	6.77	
Bordeaux creek, little	Sec. 29-33-47	G. W. Bates	June 26, 1908	2.17	
Brush creek	Sec. 23-33-13	P. T. Francis	Aug. 14, 1902	25.0	
Brush creek	Sec. 26-32-14	G. W. Bates	April 27, 1905	10.1	
Buck creek	Sec. 14-31-41	A. B. McCoskey	Sept. 1, 1898	Est. 4.	
Burton creek	At mouth T. 35, R. 19	C. B. Channel	Sept. 17, 1898	5.57	
Buffalo creek	Sec. 7-1-40	W. A. Channel	Nov. 22, 1900	9.9	
Buffalo creek	Sec. 33-9-18	H. O. Smith	July 5, 1902	6.4	
Buffalo creek	Sec. 30-10-20	H. O. Smith	July 5, 1902	2.0	
Buckhorn slough	N. W. $\frac{1}{4}$ sec. 8-14-36	H. O. Smith	Oct. 2, 1908	2.0	
Calamus river	Burwell	O. V. P. Stout	July 10, 1896	368.	
Calamus river	Burwell	Glen E. Smith	May 17, 1899	372.	
Calamus river	Sec. 8-24-19	C. B. Channel	Sept. 20, 1899	152.	
Calamus river	Burwell	B. E. Forbes	Mar. 25, 1902	407.	
Cedar river	Fullerton	O. V. P. Stout	Sept. 15, 1894	210.6	
Cedar river	Fullerton	O. V. P. Stout	July 11, 1896	338.	
Cedar river	Fullerton	O. V. P. Stout	July 21, 1898	277.	
Cedar river	Cedar Rapids	O. V. P. Stout	July 21, 1896	212.	
Cedar river	Ericson	W. J. McEathron	Mar. 16, 1895	152.	
Cedar river	Ericson	W. J. McEathron	June 1, 1895	214.	
Cedar river	Ericson	W. J. McEathron	Aug., 1895	112.1	

REPORT OF SECRETARY

SUMMARY OF ALL STREAM MEASUREMENTS—(Continued).

Stream	Locality	Hydrographer	Date	Discharge Cubic Feet Per Sec.	Remarks
Cedar river.....	Ericson above dam.....	Glen E. Smith.....	May 17, 1899	107.4	
Cedar river.....	Ericson below dam.....	Glen E. Smith.....		113.	
Cedar river.....	Fullerton.....	Adna Dobson.....	Nov. 21, 1901	291.	
Cedar river.....	Fullerton.....	G. W. Bates.....	April 12, 1905	372.	
Cedar river, branch.....	At mouth near Ericson.....	Adna Dobson.....	May 17, 1890	5.	
Cedar creek.....	At Bruce's mill 33.34-25.....	C. B. Channel.....	July 9, 1909	7.41	
Cedar creek.....	Sec. 18-14-36.....	H. O. Smith.....	June 17, 1903	1.66	
Chadron creek.....	Above Chadron W. W. 18-32-48.....	A. B. McCoskey.....	Sept. 14, 1897	1.59	
Chadron creek.....	Above Chadron W. W. 18-32-48.....	C. B. Channel.....	May 17, 1899	2.24	
Chadron creek.....	Below Chadron W. W. 18-32-48.....	A. B. McCoskey.....	Sept. 14, 1897	0.96	
Chadron creek.....	Below Chadron W. W. 18-32-48.....	C. B. Channel.....	May 17, 1899	2.15	
Chadron creek.....	Sec. 36-33-49.....	A. B. McCoskey.....	Sept. 23, 1898	1.23	
Chadron creek.....	Sec. 36-33-49.....	C. B. Channel.....	May 17, 1899	8.71	
Chadron creek.....	Sec. 12-32-49.....	G. W. Bates.....	June 19, 1908	3.79	
Chimney creek.....	Sec. 6-32-22.....	G. W. Bates.....	May 7, 1905	.78	
Clear creek.....	Sec. 29-16-41.....	Adna Dobson.....	Nov. 23, 1896	12.3	Keith county
Clear creek.....	700 yards below Barber & Marsh headgate 32-16-41.....	H. H. Pickens.....	May 19, 1899	7.84	Keith county
Clear creek.....	Sec. 29-16-41.....	H. O. Smith.....	Aug. 8, 1901	10.07	Lincoln county
Clear creek.....	Sec. 5-14-34.....	C. B. Channel.....	Dec. 16, 1899	3.40	Lincoln county
Cottonwood creek, big.....	6 miles west of Whitney.....	E. T. Youngfelt.....	June 25, 1896	.20	Tributary White river
Cottonwood creek, big.....	Sec. 21-25-22.....	C. B. Channel.....	June 12, 1899	1.20	Tributary White river
Cottonwood creek, little.....	Sec. 7-32-51.....	E. T. Youngfelt.....	June 25, 1896	.10	Tributary White river

SUMMARY OF ALL STREAM MEASUREMENTS—(Continued).

Stream	Locality	Hydrographer	Date	Discharge Cubic Feet Per Sec.	Remarks
Cottonwood creek, little	West line Twp. 31, R. 51	C. B. Channel	May 15, 1899	.29	Tributary White river
Cottonwood creek, little	Below mouth of Spring Creek	C. B. Channel	May 16, 1899	.35	Tributary White river
Coon creek	Above Winterer's D. 34-15-37	C. B. Channel	May 19, 1898	.78	
Cold water creek	Sec. 26-18-46	C. B. Channel	May 25, 1898	2.93	
Crooked creek	Head Mutz D. S. W. $\frac{1}{4}$ 20-35-19	C. B. Channel	June 18, 1898	.76	
Crooked creek	At Mutz 19-34-19	C. B. Channel	June 13, 1899	1.23	
Crooked creek	Sec. 1-1-11	B. E. Forbes	July 2, 1902	175.	Flood
Cook creek	Sec. 2-2-18	H. O. Smith	Sept. 24, 1901	.9	
Cook creek	Alma	G. W. Bates	1909	.40	
Center creek	Sec. 36-2-15	G. W. Bates	June 10, 1902	7.6	
Center creek	Sec. 1-1-15	G. W. Bates	June 10, 1902	7.7	
Dead Horse creek	Sec. 31-33-50	A. B. McCoskey	Sept. 21, 1898	Est. 3.3	
Dead Horse creek	Sec. 7-32-49	A. B. McCoskey	Sept. 23, 1898	Est. .6	
Dead Horse creek	North line sec. 31-33-49	C. B. Channel	May 17, 1899	3.46	
Dead Horse creek	At Slattry's D. sec. 32-33-49	C. B. Channel	May 17, 1899	3.98	
Dead Horse creek	Sec. 32-32-49	G. W. Bates	June 15, 1909	2.70	
Dead Man's slough	S. W. $\frac{1}{4}$ sec. 6-14-36	H. O. Smith	Oct. 2, 1906	1.00	
Deer creek	Sec. 22-30-43	A. B. McCoskey	June 1, 1898	12.	
Deer creek	S. W. $\frac{1}{4}$ Sec. 5-40-43	J. C. Stevens	Aug. 23, 1904	7.3	
Dismal river	Dunning	O. V. P. Stout	Aug. 23, 1895	293.6	
Dismal river	Dunning	G. H. Lawrence	Aug. 22, 1894	435.	

SUMMARY OF ALL STREAM MEASUREMENTS—(Continued).

Stream	Locality	Hydrographer	Date	Discharge Cubic Feet Per Sec.	Remarks
Dismal river.....	Dunning	Glen E. Smith.....	April 28, 1898	368.7	
Dismal river.....	Dunning	Glen E. Smith.....	Nov. 1, 1898	351.	
Dismal river.....	Dunning	A. B. McCoskey.....	April 21, 1899	334.48	
Dismal river.....	Dunning	R. D. Hubbard.....	Sept. 15, 1904	394.7	
Deadman creek.....	Head Phillips D. 19-30-52	T. J. O'Keefe.....	Oct. 2, 1900	1.8	
Deadman creek.....	Head P. & R. D. 1-30-53	T. J. O'Keefe.....	Oct. 2, 1909	1.1	
Eagle creek.....	Sec. 9-30-13.....	Geo. W. Bates.....	April 25, 1905	25.2	
Eagle creek.....	Sec. 1-32-11.....	Geo. W. Bates.....	May 16, 1908	64.3	
Eagle creek, N. fork.....	Ses. 26-31-13.....	Geo. W. Bates.....	April 26, 1905	8.1	
Elkhorn river.....	Atkinson	Adna Dobson.....	Oct. 2, 1896	11.1	
Elkhorn river.....	Atkinson	A. B. McCoskey.....	May 24, 1898	110.5	
Elkhorn river.....	Arlington	A. Rosewater.....	Aug., 1894	214.	
Elkhorn river.....	Arlington	Glen E. Smith.....	May 26, 1898	1808.	
Elkhorn river.....	Arlington	Glen E. Smith.....	Dec. 15, 1898	422.	
Elkhorn river.....	Waterloo	O. V. P. Stout.....	Aug. 15, 1896	280.	
Elkhorn river.....	Waterloo	O. V. P. Stout.....	July 17, 1896	495.	
Elkhorn river.....	O'Neill	O. V. P. Stout.....	June 23, 1897	20.63	
Elkhorn river.....	O'Neill	Glen E. Smith.....	June 10, 1898	288.	
Elkhorn river.....	O'Neill	C. B. Channel.....	Aug. 17, 1898	31.3	
Elkhorn river.....	Ewing	O. V. P. Stout.....	Sept. 3, 1897	9.77	
Elkhorn river.....	Ewing	C. B. Channel.....	Aug. 18, 1898	53.52	
Elkhorn river.....	Arlington	J. C. Stevens.....	May 6, 1904	1284.	
Elkhorn river.....	Arlington	J. C. Stevens.....	May 6, 1904	1343.	
Elkhorn river.....	Norfolk	Geo. W. Bates.....	April 17, 1906	1621.	
Elkhorn river, N. fork.....	Norfolk	O. V. P. Stout.....	July 16, 1896	70.	

SUMMARY OF ALL STREAM MEASUREMENTS—(Continued).

Stream	Locality	Hydrographer	Date	Discharge Cubic Feet Per Sec.	Remarks
Elkhorn river, N. fork	Norfolk	Adna Dobson	Mar. 24, 1897	701.	
Elkhorn river, N. fork	Norfolk	Adna Dobson	May 6, 1897	166.	
Elkhorn river, N. fork	Norfolk	Adna Dobson	May 24, 1897	77.	
Elkhorn river, N. fork	Norfolk	O. V. P. Stout	July 30, 1897	69.8	
Elkhorn river, N. fork	Norfolk	Glen E. Smith	June 20, 1898	162.	
Elkhorn river, N. fork	Norfolk	Glen E. Smith	April 27, 1899	122.	
Elkhorn river, N. fork	Norfolk	Glen E. Smith	May 25, 1899	414.	
Elkhorn river, N. fork	Norfolk	Glen E. Smith	Feb. 20, 1899	119.	
Elkhorn river, N. fork	Norfolk	Glen E. Smith	Aug. 17, 1899	81.30	
Elkhorn river, N. fork	Norfolk	Glen E. Smith	Sept. 25, 1899	85.20	
Elkhorn river, N. fork	Norfolk Junction Bridge	O. V. P. Stout	May 27, 1900	75.9	
Elkhorn river, N. fork	Norfolk	O. V. P. Stout	Aug. 3, 1900	89.	
Elkhorn river, N. fork	Norfolk	C. B. Channel	May 31, 1901	550.	
Elkhorn river, N. fork	Norfolk	O. V. P. Stout	July 31, 1901	150.	
Elkhorn river, N. fork	Norfolk	J. C. Stevens	Mar. 21, 1902	118.	
Elkhorn river, N. fork	Norfolk	J. C. Stevens	April 13, 1902	150.	
Elkhorn river, N. fork	Norfolk	J. C. Stevens	May 12, 1902	116.	
Elkhorn river, N. fork	Norfolk	J. C. Stevens	June 16, 1902	137.	
Elkhorn river, N. fork	Norfolk	J. C. Stevens	July 26, 1902	168.	
Elkhorn river, N. fork	Norfolk	J. C. Stevens	Aug. 22, 1902	170.	
Elkhorn river, N. fork	Norfolk	J. C. Stevens	Sept. 29, 1902	242.	
Elkhorn river, N. fork	Norfolk Junction Bridge	J. C. Stevens	Nov. 14, 1902	118.	
Elkhorn river, N. fork	Norfolk	J. C. Stevens	May 24, 1903	386.	
Elkhorn river, N. fork	Norfolk	J. C. Stevens	May 25, 1903	498.	
Elkhorn river, N. fork	Norfolk	G. W. Bates	April 27, 1906	523.	
Elkhorn river, N. fork	Norfolk	Arthur Dobson	Sept. 11, 1908	85.	
Elkhorn river, N. fork	Pierce	Arthur Dobson	Sept. 11, 1908	46.5	
Elkhorn river, S. branch	Pierce	O. V. P. Stout	Sept. 3, 1897	18.17	

SUMMARY OF ALL STREAM MEASUREMENTS—(Continued).

Stream	Locality	Hydrographer	Date	Discharge Cubic Feet Per Sec.	Remarks
Flag creek	Sec. 3-2-19, above dam	H. O. Smith	Sept. 24, 1901	1.5	
Flag creek	Sec. 3-2-19, below dam	H. O. Smith	Sept. 24, 1901	.6	
Flag creek	2 miles below dam	H. O. Smith	Sept. 24, 1901	.5	
				26.3	
Frenchman river	Sec. 33-4-32	O. V. P. Stout	June 19, 1896		
Frenchman river	Culbertson	E. T. Youngfelt	June 19, 1896	13.4	
Frenchman river	Culbertson	U. S. Geol. Sur.	Nov. 25, 1892	177.	
Frenchman river	Culbertson	O. V. P. Stout	Mar. 22, 1895	120.	
Frenchman river	Culbertson	A. B. McCoskey	Sept. 16, 1899	29.72	
Frenchman river	Culbertson	O. V. P. Stout	Aug. 17, 1900	84.	
Frenchman river	Wauneta	Adna Dobson	April 14, 1897	127.93	
Frenchman river	Wauneta	A. B. McCoskey	Sep. 9, 1899	62.91	
Frenchman river	Wauneta	A. B. McCoskey	July 27, 1900	74.30	
Frenchman river	Palisade	O. V. P. Stout	July 2, 1897	63.23	
Frenchman river	Palisade	O. V. P. Stout	July 19, 1897	73.3	
Frenchman river	Palisade	Glen E. Smith	July 7, 1898	92.	Ab. head Culbertson D.
Frenchman river	Palisade	H. H. Pickens	May 29, 1899	97.32	Ab. head Culbertson D.
Frenchman river	Palisade	A. B. McCoskey	Sept. 16, 1899	65.83	Ab. head Culbertson D.
Frenchman river	Palisade	A. B. McCoskey	July 27, 1900	91.24	Ab. head Culbertson D.
Frenchman river	Maranville	E. D. Johnson	July 8, 1899	19.33	
Frenchman river	Head Maranville D. 12-6-41.	A. B. McCoskey	July 26, 1900	3.39	Ditch diverting all water
Frenchman river	Bel. H'd of Inman's D. 17-6-40.	E. D. Johnson	July 9, 1899	16.62	
Frenchman river	Head of Inman's D. 17-6-40.	A. B. McCoskey	July 26, 1900	7.98	Ditch diverting all water
Frenchman river	Head Inman's D. 17-6-40.	E. D. Johnson	Sept. 29, 1900	6.20	
Frenchman river	Below head Wirsig D. 24-6-40.	E. D. Johnson	July 10, 1899	20.96	
Frenchman river	Head of Wirsig D. 24-6-40.	A. B. McCoskey	July 26, 1900	13.97	Ditch diverting all water
Frenchman river	2 miles above Culbertson	Adna Dobson	June 26, 1900	79.	
Frenchman river	W. line sec. 3-5-38.	H. H. Pickens	June 3, 1899	29.54	
Frenchman river	Sec. 24-6-40.	H. O. Smith	May 31, 1901	11.6	
Frenchman river	Sec. 17-6-40.	H. O. Smith	May 31, 1901	10.6	

SUMMARY OF ALL STREAM MEASUREMENTS—(Continued).

Stream	Locality	Hydrographer	Date	Discharge Cubic Feet Per Sec.	Remarks
Frenchman river	Sec. 24-6-40	H. O. Smith	June 18, 1901	14.8	
Frenchman river	Sec. 17-6-40	H. O. Smith	June 18, 1901	18.0	
Frenchman river	Sec. 21-6-39	H. O. Smith	June 18, 1901	47.3	
Frenchman river	Sec. 5-5-36	H. O. Smith	June 21, 1901	93.0	
Frenchman river	Wauneta	H. O. Smith	June 21, 1901	112.9	
Frenchman river	Palisade	H. O. Smith	June 21, 1901	175.7	
Frenchman river	Culbertson	H. O. Smith	July 23, 1901	62.1	
Frenchman river	Culbertson	F. Dobson	April 25, 1902	92.	
Frenchman river	Enders	H. O. Smith	June 13, 1902	60.0	
Frenchman river	Culbertson	J. C. Stevens	Sept. 18, 1902	65.9	
Frenchman river	Head Krotter Ditch	H. O. Smith	Aug. 5, 1903	66.5	
Frenchman river	Culbertson	H. O. Smith	Aug. 5, 1903	71.3	
Frenchman river	Culbertson	H. O. Smith	Aug. 29, 1903	58.6	
Frenchman river	Sec. 18-6-40	J. A. Green	June 28, 1904	10.0	
Frenchman river	Champion	J. A. Green	June 29, 1904	45.0	
Frenchman river	Palisade	J. A. Green	June 30, 1904	240.0	
Frenchman river	Palisade	H. C. Diesem	Aug. 2, 1905	323.75	Br. over ditch on N. & S. road
Frenchman river	Culbertson	H. C. Diesem	July 31, 1905	911.68	
Frenchman river	Culbertson	H. C. Diesem	Aug. 1, 1905	601.86	
Flowing well	Sec. 13-6-40	H. O. Smith	July 24, 1901	0.5	
Goose creek	Sec. 10-22-27	C. B. Channel	April 27, 1899	30.27	
Goose creek	Sec. 18-25-24	R. D. Hubbard	Sept. 13, 1904	14.4	
Gordon creek	Sec. 15-32-29	O. V. P. Stout	July 23, 1897	3.53	
Golden creek	Sec. 25-15-30	H. O. Smith	Aug. 19, 1902	0.6	

SUMMARY OF ALL STREAM MEASUREMENTS—(Continued).

Stream	Locality	Hydrographer	Date	Discharge Cubic Feet Per Sec.	Remarks
Greenwood creek	Center 15-18-50	R. H. Willis	June 10, 1904	6.0	
Hat creek, east	Sec. 23-32-55	A. B. McCoskey	July 10, 1897	.3	
Hat creek, east	Above mouth 10-32-55	A. B. McCoskey	July 10, 1897	1.05	
Hat creek, west	Above mouth Sec. 10-32-55	A. B. McCoskey	July 10, 1897	.53	
Hat creek, west	Below confluence 10-32-55	A. B. McCoskey	July 10, 1897	1.6	
Hat creek, west	Head of Steel D. 16-32-55	A. B. McCoskey	July 16, 1897	.69	
Hat creek, west	Sec. 23-33-55	A. B. McCoskey	Sept. 30, 1898	1.41	
Hat creek, west	Above Coffee's D. 26-33-55	A. B. McCoskey	May 24, 1899	3.60	
Harney creek	Sec. 31-33-23	C. B. Channel	June 11, 1898	23.49	
Horse creek	Neb.-Wyo. state line	A. B. McCoskey	Oct. 15, 1897	10.5	Scotts Bluff county
Horse creek	Neb.-Wyo. state line	A. B. McCoskey	June 16, 1899	11.1	Scotts Bluff county
Horse creek	B. & M. Ry. crossing	E. T. Youngfelt	June 16, 1896	.22	Dundy county
Horse creek	Sec. 11-1-33	W. A. Channel	Nov. 22, 1900	1.20	Dundy county
Horse creek	Neb.-Wyo. line, sec. 23, R. 58	G. W. Bates	Mar. 24, 1909	56.3	
Horse creek	Aget	U. S. R. S.	Aug. 20, 1910	11.00	
Horse Head creek	Sec. 16-33-24	C. B. Channell	June 9, 1899	1.15	
Holt creek	Head Webster Dit. 19-35-20	C. B. Channell	June 12, 1899	3.58	
Indian creek	Near mouth	E. T. Youngfelt	June 25, 1896	.06	Dundy county
Indian creek	Line bet. secs. 10 and 17-2-37	W. A. Channel	Nov. 14, 1900	1.30	Dundy county
Indian creek	North line sec. 33-32-50	A. B. McCoskey	Aug. 18, 1899	.50	Dawes county
Indian creek	Sec. 28-32-50	G. W. Bates	June 14, 1908	1.46	
Indian creek, W. fork	Sec. 28-32-50	G. W. Bates	June 14, 1908	0.42	

SUMMARY OF ALL STREAM MEASUREMENTS—(Continued).

Stream	Locality	Hydrographer	Date	Discharge Cubic Feet Per Sec.	Remarks
Indian creek, E. fork.....	Sec. 28-32-50.....	G. W. Bates.....	June 14, 1906	1.22	
Jim creek.....	Ab. Woodruff's dam 14-33-57.....	Geo. W. Bates.....	July 22, 1897	.22	
Keya Paha river.....	Ab. mouth Burton C. T. 35, R. 19.....	C. B. Channel.....	June 17, 1898	62.02	
Keya Paha river.....	Sec. 24-35-20.....	C. B. Channel.....	June 13, 1899	38.99	
Keya Paha river.....	N. W. $\frac{1}{4}$ sec. 24-34-16.....	Adna Dobson.....	Oct. 23, 1903	77.6	
Keya Paha river.....	Sec. 23-34-16.....	G. W. Bates.....	July 15, 1905	136.0	
Laramie river, Wyo.....		U. S. R. S.....	July 16, 1910	17.00	
Lawrence fork.....	Sec. 36-19-52.....	R. H. Willis.....	June 10, 1901	1.7	
Lawrence fork.....	Sec. 36-19-52.....	F. Dobson.....	July 22, 1902	1.4	
Lawrence fork.....	Sec. 11-18-52.....	R. H. Willis.....	July 22, 1902	1.6	
Lawrence fork.....	Sec. 1-18-52.....	R. H. Willis.....	July 29, 1902	2.9	
Lawrence fork.....	Sec. 15-18-52.....	R. H. Willis.....	July 31, 1902	2.2	
Lawrence fork.....	Criglers.....	R. H. Willis.....	Aug. 21, 1903	.70	
Lawrence fork.....	Redington.....	R. H. Willis.....	Aug. 21, 1903	4.3	
Lawrence fork.....	Niehus.....	R. H. Willis.....	Aug. 21, 1903	1.25	
Lawrence fork.....	Sec. 11-18-52.....	H. O. Smith.....	Aug. 20, 1903	2.76	
Lawrence fork.....	Sec. 1-18-52.....	H. O. Smith.....	Aug. 20, 1903	4.00	
Lawrence fork.....	Above Spring Creek.....	H. O. Smith.....	Oct. 25, 1905	5.50	
Lawrence fork.....	Below Spring Creek.....	H. O. Smith.....	Oct. 25, 1905	8.30	
Lawrence fork.....	At Capron's Ranch.....	R. H. Willis.....	Sept. 26, 1910	3.56	
Lower Dugout creek.....	Point of diversion Cooper Canal.....	R. H. Willis.....	July 26, 1910	0.88	
Lower Dugout creek.....	Cooper's headgate.....	R. H. Willis.....	Oct. 10, 1910	1.00	
Lodge Pole creek.....	Kimball.....	Adna Dobson.....	May 28, 1896	4.5	
Lodge Pole creek.....	3 miles east of Sidney.....	H. H. Pickens.....	May 15, 1899	10.95	

SUMMARY OF ALL STREAM MEASUREMENTS—(Continued).

Stream	Locality	Hydrographer	Date	Discharge Cubic Feet Per Sec.	Remarks
Lodge Pole creek.....	1/4 miles west of Kimball.....	E. D. Johnson.....	Aug. 3, 1899	7.43	
Lodge Pole creek.....	1 mile west of Kimball.....	E. D. Johnson.....	Aug. 3, 1899	2.41	
Lodge Pole creek.....	3/4 mile east of Kimball.....	E. D. Johnson.....	Aug. 11, 1899	2.04	
Lodge Pole creek.....	1/4 mile above Kinney Ditch.....	E. D. Johnson.....	Aug. 10, 1899	6.52	
Lodge Pole creek.....	Above Young's Ditch.....	E. D. Johnson.....	Aug. 10, 1899	15.57	
Lodge Pole creek.....	Sec. 33-14-49.....	E. D. Johnson.....	May 15, 1900	3.86	
Lodge Pole creek.....	1/4 mile west Jones dam 34-14-49.....	E. D. Johnson.....	May 15, 1900	6.26	
Lodge Pole creek.....	Sec. 14-14-51.....	E. D. Johnson.....	May 17, 1900	2.34	
Lodge Pole creek.....	Sec. 31-14-47.....	E. D. Johnson.....	May 18, 1900	2.60	
Lodge Pole creek.....	Sec. 3-13-46.....	E. D. Johnson.....	May 21, 1900	2.26	
Lodge Pole creek.....	Sec. 12-12-45.....	E. D. Johnson.....	May 22, 1900	1.33	
Lodge Pole creek.....	Sec. 23-23-15.....	E. D. Johnson.....	May 23, 1900	7.33	
Lodge Pole creek.....	Sec. 36-15-57.....	E. D. Johnson.....	May 25, 1900	4.75	
Lodge Pole creek.....	Sec. 2-14-58.....	E. D. Johnson.....	May 26, 1900	9.23	
Lodge Pole creek.....	Sec. 36-13-45.....	E. D. Johnson.....	Aug. 7, 1900	3.12	
Lodge Pole creek.....	Sec. 3-14-53.....	E. D. Johnson.....	Aug. 8, 1900	6.23	
Lodge Pole creek.....	Sec. 23-15-55.....	E. D. Johnson.....	Aug. 9, 1900	6.34	
Lodge Pole creek.....	Sec. 33-15-57.....	E. D. Johnson.....	Aug. 10, 1900	12.34	
Lodge Pole creek.....	Sec. 3-12-45.....	E. D. Johnson.....	Aug. 10, 1900	1.34	
Lodge Pole creek.....	Sec. 33-14-49.....	E. D. Johnson.....	Aug. 14, 1900	6.42	
Lodge Pole creek.....	Sec. 31-14-47.....	E. D. Johnson.....	Aug. 16, 1900	2.50	
Lodge Pole creek.....	Sec. 14-14-51.....	E. D. Johnson.....	Aug. 17, 1900	2.35	
Lodge Pole creek.....	Sec. 2-13-46.....	E. D. Johnson.....	Aug. 22, 1900	2.85	
Lodge Pole creek.....	Above Polly D. 30-15-55.....	E. D. Johnson.....	Sept. 10, 1900	2.44	
Lodge Pole creek.....	Below Polly D. at bridge.....	E. D. Johnson.....	Sept. 10, 1900	1.13	
Lodge Pole creek.....	1 mile west of Kimball.....	E. D. Johnson.....	Sept. 10, 1900	1.29	
Lodge Pole creek.....	Kimball.....	E. D. Johnson.....	Sept. 12, 1900	4.92	
Lodge Pole creek.....	Kimball.....	E. D. Johnson.....	Sept. 15, 1900	1.14	
Lodge Pole creek.....	Kimball.....	E. D. Johnson.....	Sep. 18, 1900	4.30	
Lodge Pole creek.....	Above Neumann's Dam.....	E. D. Johnson.....	Oct. 3, 1900	3.26	

SUMMARY OF ALL STREAM MEASUREMENTS—(Continued).

Stream	Locality	Hydrographer	Date	Discharge Cubic Feet Per Sec.	Remarks
Lodge Pole creek	Lodge Pole station	E. D. Johnson	Oct. 8, 1900	2.12	
Lodge Pole creek	Chappel	E. D. Johnson	Oct. 18, 1900	3.11	
Lodge Pole creek	Sidney	H. O. Smith	July 1, 1901	6.7	
Lodge Pole creek	Sec. 9-14-51	H. O. Smith	July 1, 1901	5.6	
Lodge Pole creek	Sec. 29-14-48	H. O. Smith	July 2, 1901	4.0	
Lodge Pole creek	Sec. 29-14-47	H. O. Smith	July 2, 1901	2.2	
Lodge Pole creek	Sec. 31-14-46	H. O. Smith	July 3, 1901	3.4	
Lodge Pole creek	Sec. 12-14-50	H. O. Smith	July 30, 1901	2.9	
Lodge Pole creek	Sec. 27-15-56	H. O. Smith	July 31, 1901	6.2	
Lodge Pole creek	Sec. 36-14-47	H. O. Smith	April 13, 1902	4.0	
Lodge Pole creek	Sec. 35-15-55	H. O. Smith	April 25, 1902	12.0	
Lodge Pole creek	Kimball	H. O. Smith	June 2, 1902	5.6	
Lodge Pole creek	Sec. 25-15-56	H. O. Smith	July 2, 1902	7.5	
Lodge Pole creek	Sec. 31-15-56	H. O. Smith	July 2, 1902	10.5	
Lodge Pole creek	Sec. 26-15-55	H. O. Smith	April 24, 1903	12.6	Head McIntosh ditch
Lodge Pole creek	Sec. 26-15-56	H. O. Smith	April 25, 1903	16.5	Head Hurly Lilly Polly ditch
Lodge Pole creek	Head Bay State Ditch	H. O. Smith	May 25, 1903	4.4	
Lodge Pole creek	Sec. 35-15-56	H. O. Smith	May 27, 1903	31.3	Head Polly ditch
Lodge Pole creek	Sec. 26-15-56	H. O. Smith	May 29, 1903	31.0	
Lodge Pole creek	Sec. 31-15-56	H. O. Smith	June 1, 1903	12.5	Head Kinney ditch
Lodge Pole creek	Sec. 31-15-57	H. O. Smith	June 1, 1903	15.8	
Lodge Pole creek	Sec. 33-15-57	H. O. Smith	June 2, 1903	12.5	Head Young's ditch
Lodge Pole creek	Sec. 2-14-58	H. O. Smith	June 3, 1903	10.1	Ab. Bushnell ditch
Lodge Pole creek	Sec. 10-14-51	H. O. Smith	June 18, 1903	5.4	Ab. Anderson ditch
Lodge Pole creek	W. line sec. 25-15-56	H. O. Smith	July 23, 1903	7.4	
Lodge Pole creek	Sec. 31-15-56	H. O. Smith	July 23, 1903	7.5	Below Kinney's dam
Lodge Pole creek	3 miles below 31-15-56	H. O. Smith	July 23, 1903	7.5	
Lodge Pole creek	W. line 29-15-55	H. O. Smith	July 24, 1903	3.6	
Lodge Pole creek	Sec. 26-15-55	H. O. Smith	July 24, 1903	4.6	
Lodge Pole creek	W. line 30-15-54	H. O. Smith	July 24, 1903	0.0	

SUMMARY OF ALL STREAM MEASUREMENTS—(Continued).

Stream	Locality	Hydrographer	Date	Discharge Cubic Feet Per Sec.	Remarks
Lodge Pole creek	W. line 3-14-52	H. O. Smith	July 25, 1903	8.2	Head Adams ditch
Lodge Pole creek	Center 8-14-51	H. O. Smith	July 25, 1903	3.5	
Lodge Pole creek	Sec. 10-14-51	H. O. Smith	July 25, 1903	3.8	
Lodge Pole creek	Sec. 9-14-51	H. O. Smith	July 25, 1903	3.8	
Lodge Pole creek	Sec. 15-14-51	H. O. Smith	July 25, 1903	2.9	Ab. Pomeroy's
Lodge Pole creek	E. line 14-14-51	H. O. Smith	July 25, 1903	0.0	
Lodge Pole creek	W. line 29-15-55	H. O. Smith	Oct. 30, 1903	15.5	
Lodge Pole creek	W. line 29-15-55	H. O. Smith	Nov. 7, 1903	21.6	
Lodge Pole creek	W. line 29-15-55	H. O. Smith	Nov. 16, 1903	20.4	
Lodge Pole creek	Center 8-14-51	H. O. Smith	April 27, 1904	8.92	
Lodge Pole creek	Center 9-14-51	H. O. Smith	April 27, 1904	6.62	
Lodge Pole creek	Center 10-14-51	H. O. Smith	April 27, 1904	7.25	
Lodge Pole creek	W. line 33-15-56	H. O. Smith	April 28, 1904	14.4	
Lodge Pole creek	W. line 33-15-56	H. O. Smith	April 30, 1904	12.4	
Lodge Pole creek	State line	H. O. Smith	May 2, 1904	4.3	
Lodge Pole creek	1 mile east state line	H. O. Smith	May 2, 1904	4.0	
Lodge Pole creek	Sec. 8-14-58	H. O. Smith	May 3, 1904	34.5	
Lodge Pole creek	W. line 29-15-55	H. O. Smith	May 4, 1904	20.5	
Lodge Pole creek	W. line 33-15-56	H. O. Smith	May 5, 1904	48.2	
Lodge Pole creek	Kimball	H. O. Smith	June 15, 1904	2.1	
Lodge Pole creek	Kimball	H. O. Smith	Sept. 6, 1904	13.4	
Lodge Pole creek	1/2 miles west Kimball	H. O. Smith	Sept. 8, 1904	8.6	
Lodge Pole creek	E. line 31-14-46	H. O. Smith	Sept. 8, 1904	3.3	
Lodge Pole creek	Sec. 30-15-55	H. O. Smith	Dec. 7, 1904	25.6	
Lodge Pole creek	Sec. 20-14-50	H. O. Smith	Dec. 7, 1904	4.4	
Loneragan creek	Sec. 17-15-39	C. B. Channel	May 22, 1898	6.1	
Loneragan creek	Sec. 19-15-39	H. O. Smith	Aug. 18, 1902	2.5	
Lost creek	Sec. 10-1-15	H. O. Smith	June 10, 1902	0.7	

SUMMARY OF ALL STREAM MEASUREMENTS—(Continued).

Stream	Locality	Hydrographer	Date	Discharge Cubic Feet Per Sec.	Remarks
Long Pine creek	Long Pine	Adna Dobson	Oct. 3, 1896	47.1	
Long Pine creek	Long Pine	C. B. Channel	June 20, 1898	50.41	
Long Pine creek	Long Pine	Glen E. Smith	Aug. 21, 1898	44.3	
Long Pine creek	Long Pine	Glen E. Smith	Sept. 8, 1898	138.	
Long Pine creek	Below Miller's Mills 5-31-20	C. B. Channel	June 15, 1899	5.9	
Long Pine creek	Long Pine	B. E. Forbes	Aug. 9, 1902	49.7	
Long Pine creek	Long Pine	Adna Dobson	Oct. 6, 1903	38.7	
Long Pine creek	Long Pine	Adna Dobson	Oct. 6, 1903	54.9	
Long Pine creek	At Kyner's dam	D. D. Price	Oct. 6, 1910	47.6	
Lodge Pole creek	Long Pine	D. D. Price	Aug. 30, 1910	49.6	
Looking Glass creek	Near mouth	W. J. McEathron	July ..., 1896	15.	
Loup river	Fullerton	O. V. P. Stout	Sept. 16, 1894	170.4	
Loup river	Fullerton	O. V. P. Stout	July 11, 1906	2900.	
Loup river	Sec. 13-7-2	O. V. P. Stout	Aug. 19, 1904	1335.	From notes L. F. Gottschalk
Loup river	Columbus	Geo. W. Bates	Mar. 13, 1909	3338.	
Loup river	Columbus	A. A. Dobson	Mar. 20, 1909	2795.	
Loup river	Columbus	A. A. Dobson	April 13, 1909	3008.4	
Loup river	Columbus	A. A. Dobson	May 8, 1909	2368.2	
Loup river	Columbus	A. A. Dobson	July 8, 1909	6643.4	
Loup river	Columbus	A. A. Dobson	Aug. 31, 1909	1850.8	
Loup river	Columbus	A. A. Dobson	Oct. 22, 1909	2663.6	
Loup river	Columbus	A. A. Dobson	Nov. 5, 1909	2294.3	
Loup river	Columbus	D. D. Price	April 20, 1910	2278.	
Loup river	Columbus	D. D. Price	May 10, 1910	3188.	
Loup river	Columbus	D. D. Price	May 25, 1910	2531.	
Loup river	Columbus	D. D. Price	June 24, 1910	1780.	
Loup river	Columbus	D. D. Price	July 25, 1910	21.64	
Loup river	Columbus	D. D. Price	Aug. 31, 1910	3592.	

SUMMARY OF ALL STREAM MEASUREMENTS—(Continued).

Stream	Locality	Hydrographer	Date	Discharge Cubic Feet Per Sec.	Remarks
Loup river.....	Columbus	A. A. Dobson.....	Oct. 1, 1910	2119.	
Loup river.....	Columbus	A. A. Dobson.....	Nov. 19, 1910	2230.	
Loup river.....	Columbus	A. A. Dobson.....	Nov. 25, 1910	2418.	
Loup river, middle.....	Fork $\frac{3}{4}$ miles above Mullen.....	O. V. P. Stout.....	Aug. 20, 1895	41.8	
Loup river, middle.....	Mullen.....	O. V. P. Stout.....	Aug. 20, 1895	120.	
Loup river, middle.....	Seneca.....	O. V. P. Stout.....	Aug. 21, 1895	216.2	
Loup river, middle.....	Seneca.....	O. V. P. Stout.....	Aug. 30, 1896	212.3	
Loup river, middle.....	Seneca.....	Glen E. Smith.....	April 28, 1898	221.6	
Loup river, middle.....	Seneca.....	Glen E. Smith.....	Nov. 1, 1898	198.	
Loup river, middle.....	Seneca.....	C. B. Channel.....	May 2, 1899	225.34	
Loup river, middle.....	Arcadia.....	A. B. McCoskey.....	April 18, 1899	809.66	
Loup river, middle.....	Theford.....	O. V. P. Stout.....	April 22, 1895	284.3	
Loup river, middle.....	Dunning.....	O. V. P. Stout.....	April 23, 1895	321.5	
Loup river, middle.....	Dunning.....	Glen E. Smith.....	April 28, 1898	410.	
Loup river, middle.....	Dunning.....	Glen E. Smith.....	Nov. 1, 1898	433.	
Loup river, middle.....	Dunning.....	O. V. P. Stout.....	Aug. 30, 1896	323.	
Loup river, middle.....	Dunning.....	A. B. McCoskey.....	April 21, 1899	406.23	
Loup river, middle.....	Gates, Custer county.....	G. H. Lawrence.....	Aug. 25, 1894	850.	
Loup river, middle.....	Loup City.....	O. V. P. Stout.....	Aug. 29, 1895	878.6	
Loup river, middle.....	Boelus.....	Adna Dobson.....	May 28, 1897	837.	
Loup river, middle.....	St. Paul.....	B. E. Forbes.....	May 23, 1902	1538.	
Loup river, middle.....	Seneca.....	R. D. Hubbard.....	May 24, 1904	205.0	
Loup river, middle.....	Theford.....	R. D. Hubbard.....	May 24, 1904	270.0	
Loup river, middle.....	Arcadia.....	R. D. Hubbard.....	June 10, 1904	2137.0	
Loup river, middle.....	St. Paul.....	R. D. Hubbard.....	June 10, 1904	12800.0	
Loup river, middle.....	Theford.....	Jas. A. Green.....	June 28, 1904	232.0	Sec. 32-19-21
Loup river, middle.....	Gate Bridge.....	Adna Dobson.....	Oct. 11, 1904	677.9	
Loup river, middle.....	Seneca.....	G. W. Bates.....	April 10, 1906	236.0	
Loup river, north.....	Moulton.....	G. H. Lawrence.....	Nov. 2, 1894	460.	

SUMMARY OF ALL STREAM MEASUREMENTS—(Continued).

Stream	Locality	Hydrographer	Date	Discharge Cubic Feet Per Sec.	Remarks
Loup river, north	Burwell	O. V. P. Stout	July 9, 1896	625.	River 4 in. above normal
Loup river, north	Burwell	Glen E. Smith	May 16, 1899	984.	
Loup river, north	Below mouth Wanaduza creek	O. V. P. Stout	July 24, 1897	129.8	
Loup river, north	Brownlee	C. B. Channel	May 1, 1899	359.79	
Loup river, north	Brownlee	C. B. Channel	Sept. 23, 1899	195.84	
Loup river, north	Brewster	C. B. Channel	Sept. 21, 1899	361.92	
Loup river, north	Burwell	B. E. Forbes	Mar. 25, 1902	1088.	
Loup river, north	St. Paul	B. E. Forbes	May 23, 1902	1186.	
Loup river, north	St. Paul	R. D. Hubbard	June 10, 1904	2150.	
Loup river, north	Brownlee	R. D. Hubbard	June 20, 1904	147.	
Loup river, north	Cascade	Jas. A. Green	June 21, 1904	223.	
Loup river, north	Brewster	R. D. Hubbard	Sept. 14, 1904	467.3	
Loup river, south	Callaway	O. V. P. Stout	Aug. 28, 1895	48.	
Loup river, south	Callaway	C. B. Channel	Aug. 3, 1898	82.91	
Loup river, south	Arnold	C. B. Channel	Aug. 4, 1898	31.48	
Loup river, south	Georgetown	G. H. Lawrence	Sept. 10, 1896	68.	
Loup river, south	Ravenna	O. V. P. Stout	Aug. 31, 1895	296.	
Loup river, south	Ravenna	O. V. P. Stout	Aug. 29, 1896	142.	
Loup river, south	St. Michaels	Adna Dobson	May 28, 1898	220.	
Loup river, south	Ravenna	J. C. Stevens	Mar. 11, 1903	1723.	
Loup river, south	Ravenna	J. C. Stevens	May 13, 1903	399.	
Loup river, south	Callaway	Jas. A. Green	July 26, 1904	82.0	
Loup river, south	Sec. 27-18-26	Jas. A. Green	July 27, 1904	9.0	
Loup river, south	Sec. 31-17-24	Jas. A. Green	July 28, 1904	56.0	
Loup river, south	Sec. 30-15-21	Jas. A. Green	July 28, 1904	103.0	
Loup river, south	Arnold	Adna Dobson	Dec. 9, 1904	38.3	
Loup river, south	Callaway	Adna Dobson	Dec. 9, 1904	123.8	
Mathew's creek	Sec. 28-15-37	C. B. Channel	May 19, 1898	1.71	

SUMMARY OF ALL STREAM MEASUREMENTS—(Continued).

Stream	Locality	Hydrographer	Date	Discharge Cubic Feet Per Sec.	Remarks
Methodist creek	Sec. 2-1-18	H. O. Smith	Sept. 24, 1901	2.6	
Middle creek, east	Sec. 32-33-23	C. B. Channel	June 10, 1899	.27	
Middle creek, west	Sec. 32-33-23	C. B. Channel	June 10, 1899	1.48	
Minnechaduza	Valentine	O. V. P. Stout	June 24, 1897	21.2	
Minnechaduza	Valentine	Glen E. Smith	May 14, 1898	23.2	
Minnechaduza	Valentine	A. B. McCoskey	May 18, 1898	105.9	
Minnechaduza	Valentine	Glen E. Smith	May 24, 1898	89.5	
Minnechaduza	Valentine	C. B. Channel	June 6, 1898	33.9	
Minnechaduza	Valentine	Glen E. Smith	June 12, 1898	52.5	
Minnechaduza	Valentine	Glen E. Smith	July 27, 1898	15.3	
Minnechaduza	Valentine	Glen E. Smith	Aug. 21, 1898	18.2	
Minnechaduza	Valentine	Glen E. Smith	Sept. 7, 1898	18.8	
Minnechaduza	Valentine	Glen E. Smith	Sept. 27, 1898	22.1	
Minnechaduza	Valentine	Glen E. Smith	Oct. 15, 1898	22.5	
Minnechaduza	Valentine	Glen E. Smith	Oct. 29, 1898	27.	
Minnechaduza	Valentine	Glen E. Smith	Jan. 27, 1899	26.2	
Minnechaduza	Valentine	Glen E. Smith	Feb. 21, 1899	45.	
Minnechaduza	Valentine	Glen E. Smith	Mar. 15, 1899	25.7	
Minnechaduza	Valentine	Glen E. Smith	April 26, 1899	32.6	
Minnechaduza	Valentine	Glen E. Smith	May 11, 1899	35.	
Minnechaduza	Valentine	Glen E. Smith	May 26, 1899	64.7	
Minnechaduza	Valentine	Glen E. Smith	June 26, 1899	23.	
Minnechaduza	Valentine	Glen E. Smith	Aug. 13, 1899	19.	
Minnechaduza	Valentine	Glen E. Smith	Sept. 13, 1899	23.5	
Minnechaduza	Valentine	Glen E. Smith	Sept. 26, 1899	26.5	
Minnechaduza	Valentine	O. V. P. Stout	Aug. 1, 1901	27.3	
Minnechaduza	Valentine	O. V. P. Stout	Nov. 14, 1901	26.6	

SUMMARY OF ALL STREAM MEASUREMENTS--(Continued).

Stream	Locality	Hydrographer	Date	Discharge Cubic Feet Per Sec.	Remarks
Minnechaduza	Valentine	J. C. Stevens	Mar. 22, 1902	38.1	
Minnechaduza	Sec. 29-35-30	J. C. Stevens	April 11, 1902	14.9	
Minnechaduza	Sec. 2-34-29	J. C. Stevens	April 11, 1902	17.3	
Minnechaduza	Sec. 8-34-29	J. C. Stevens	April 11, 1902	26.0	
Minnechaduza	Sec. 30-34-28	J. C. Stevens	April 11, 1902	23.8	
Minnechaduza	Valentine	J. C. Stevens	April 12, 1902	38.3	
Minnechaduza	Valentine	J. C. Stevens	July 4, 1902	27.4	
Minnechaduza	Valentine	J. C. Stevens	July 15, 1902	23.1	
Minnechaduza	Valentine	J. C. Stevens	July 20, 1902	22.7	
Minnechaduza	Valentine	J. C. Stevens	Aug. 20, 1902	23.8	
Minnechaduza	Valentine	J. C. Stevens	April 26, 1903	48.0	
Minnechaduza	Valentine	J. C. Stevens	May 26, 1903	33.0	
Minnechaduza	Valentine	J. C. Stevens	Aug. 24, 1904	21.	
Minnechaduza	Valentine	Geo. W. Bates	May 9, 1905	85.3	
Monroe creek	Head Schiltz Ditch 27-33-56	A. B. McCoskey	July 20, 1897	.22	
Monroe creek	Head Wilcox Ditch 33-33-56	A. B. McCoskey	July 21, 1897	1.02	
Monroe creek	Head Wilcox Ditch 33-33-56	T. J. O'Keefe	Sept. 24, 1900	.84	
Monroe creek	Sec. 14-33-56	A. B. McCoskey	Sept 30, 1898	Est .3	
Medicine creek	Cambridge	Adna Dobson	June 28, 1900	24.5	
Medicine creek	Cambridge	G. W. Bates	Mar. 29, 1900	48.5	Running through wheel above
Medicine creek	Cambridge	G. W. Bates	Mar. 29, 1900	56.9	back water
Muddy creek	3 miles above Arapahoe	Adna Dobson	June 28, 1900	3.7	
Niobrara river	Dawes county	Prof. L. E. Hicks	May 4, 1887	98.	
Niobrara river	Marsland	E. T. Yungfelt	June 23, 1896	4.	
Niobrara river	Marsland	Glen E. Smith	Oct. 31, 1898	23.24	
Niobrara river	Marsland	C. B. Channel	May 29, 1899	36.16	

SUMMARY OF ALL STREAM MEASUREMENTS—(Continued).

Stream	Locality	Hydrographer	Date	Discharge Cubic Feet Per Sec.	Remarks
Niobrara river.....	Above Marsland 6-28-51.....	McCoskey, O'Keefe.....	July 18, 1900	7.03	
Niobrara river.....	Gregg's Br. near Marsland.....	T. J. O'Keefe.....	Sept. 7, 1900	11.25	
Niobrara river.....	Niobrara City.....	O. V. P. Stout.....	June 22, 1897	759.	
Niobrara river.....	Valentine.....	Adna Dobson.....	Oct. 4, 1896	712.	
Niobrara river.....	5 miles south of Valentine.....	Glen E. Smith.....	Mar. 5, 1899	650.	
Niobrara river.....	Lavaca P. O.....	O. V. P. Stout.....	June 25, 1897	105.	
Niobrara river.....	Lavaca P. O.....	Glen E. Smith.....	April 26, 1898	209.9	
Niobrara river.....	Lavaca P. O.....	A. B. McCoskey.....	June 2, 1898	152.1	
Niobrara river.....	Lavaca P. O.....	Glen E. Smith.....	Oct. 30, 1898	203.4	
Niobrara river.....	Nebr.-Wyo. state line.....	A. B. McCoskey.....	Oct. 20, 1897	3.56	
Niobrara river.....	Above Warnecke's D. 27-30-57.....	A. B. McCoskey.....	Oct. 20, 1897	5.12	
Niobrara river.....	Above Bourett's D. 33-30-56.....	A. B. McCoskey.....	Oct. 21, 1897	6.36	
Niobrara river.....	At Bourrett's 32-30-56.....	C. B. Channel.....	May 27, 1899	13.65	
Niobrara river.....	Above Ernest's Dam 9-29-55.....	A. B. McCoskey.....	Oct. 21, 1897	7.36	
Niobrara river.....	At Earnest's Ranch 23-29-56.....	A. B. McCoskey.....	Oct. 21, 1897	16.34	
Niobrara river.....	At McGinley's 31-29-56.....	A. B. McCoskey.....	Oct. 22, 1897	9.27	
Niobrara river.....	At O. Harris' house, T. 23, R. 54.....	A. B. McCoskey.....	Oct. 23, 1897	13.44	
Niobrara river.....	Near Bell P. O. 8-28-53.....	A. B. McCoskey.....	Oct. 23, 1897	11.92	
Niobrara river.....	B. T. Moore's R. 11-28-53.....	A. B. McCoskey.....	Oct. 25, 1897	17.1	
Niobrara river.....	B. T. Moore's R. 11-28-53.....	T. J. O'Keefe.....	Sept. 6, 1900	10.80	
Niobrara river.....	McLaughlin's 10-28-52.....	A. B. McCoskey.....	Oct. 25, 1897	16.79	
Niobrara river.....	H. of proposed Golden D. 13-31-41.....	Engrs. in employ of	April 26, 1897	190.	
Niobrara river.....	1/2 mile below proposed Golden D. ..	Golden Irr. D.....	April 27, 1897	195.	
Niobrara river.....	Dunlap.....	A. B. McCoskey.....	May 20, 1898	75.4	
Niobrara river.....	Dunlap.....	A. B. McCoskey.....	Aug. 7, 1900	14.12	
Niobrara river.....	Sec. 22-29-48.....	A. B. McCoskey.....	May 31, 1898	55.5	
Niobrara river.....	Bridge N. of Ainsworth.....	C. B. Channel.....	June 13, 1898	958.6	
Niobrara river.....	Fort Niobrara.....	Glen E. Smith.....	April 24, 1898	987.	
Niobrara river.....	Fort Niobrara.....	Glen E. Smith.....	May 13, 1898	1588.	
Niobrara river.....	Fort Niobrara.....	Glen E. Smith.....	May 24, 1898	11.56	

SUMMARY OF ALL STREAM MEASUREMENTS—(Continued).

Stream	Locality	Hydrographer	Date	Discharge Cubic Feet Per Sec.	Remarks
Niobrara river	Fort Niobrara	Glen E. Smith	June 12, 1898	876.	
Niobrara river	Fort Niobrara	Glen E. Smith	July 27, 1898	690.	
Niobrara river	Fort Niobrara	Glen E. Smith	Sept. 7, 1898	748.	
Niobrara river	Fort Niobrara	Glen E. Smith	Sept. 26, 1898	840.	
Niobrara river	Fort Niobrara	Glen E. Smith	Oct. 16, 1898	867.	
Niobrara river	Fort Niobrara	Glen E. Smith	Oct. 29, 1898	960.	
Niobrara river	Fort Niobrara	Glen E. Smith	Nov. 17, 1898	960.	
Niobrara river	Mouth of Whistle Creek	C. B. Channel	May 28, 1899	33.04	
Niobrara river	Hd. Hatch and Cross D. 25-29-50	C. B. Channel	May 29, 1898	47.94	
Niobrara river	Cook's Ranch 6-28-55	A. B. McCoskey	Aug. 3, 1899	13.87	
Niobrara river	Cook's Ranch 6-28-55	A. B. McCoskey	Aug. 16, 1899	10.65	
Niobrara river	Head of Mirage Canal 26-29-43	McCoskey & O'Keefe	Aug. 7, 1900	14.50	
Niobrara river	Head of Hay Spr. O. 29-29-47	McCoskey & O'Keefe	Aug. 7, 1900	4.03	
Niobrara river	Niobrara	O. V. P. Stout	April 6, 1901	1591.	
Niobrara river	Niobrara	O. V. P. Stout	April 7, 1901	2115.	
Niobrara river	Valentine	C. B. Channel	May 12, 1901	628.	
Niobrara river	Valentine	O. V. P. Stout	June 26, 1901	724.	
Niobrara river	Valentine	O. V. P. Stout	Aug. 1, 1901	751.	
Niobrara river	Niobrara	O. V. P. Stout	Aug. 27, 1901	990.	
Niobrara river	Valentine	B. E. Forbes	Nov. 14, 1901	821.	
Niobrara river	Niobrara	J. C. Stevens	May 11, 1902	1637.	
Niobrara river	W. line sec. 26-29-46	A. Dobson	June 3, 1902	25.4	
Niobrara river	Niobrara	J. C. Stevens	July 6, 1902	2021.	
Niobrara river	Niobrara	J. C. Stevens	July 25, 1902	1401.	
Niobrara river	Niobrara	J. C. Stevens	Aug. 21, 1902	1106.	
Niobrara river	Niobrara	J. C. Stevens	Sept. 28, 1902	2201.	
Niobrara river	Sec. 31-33-23	J. C. Stevens	Aug. 13, 1904	752.	
Niobrara river	Secs. 26 and 27-34-26	J. C. Stevens	Aug. 14, 1904	679.	
Niobrara river	Sec. 10-33-34	J. C. Stevens	Aug. 18, 1904	221.	
Niobrara river	Secs. 11 and 12-33-36	J. C. Stevens	Aug. 20, 1904	200.	

SUMMARY OF ALL STREAM MEASUREMENTS—(Continued).

Stream	Locality	Hydrographer	Date	Discharge Cubic Feet Per Sec.	Remarks
Niobrara river.....	Sec. 27-33-37.....	J. O. Stevens.....	Aug. 20, 1904.....	180.....	
Niobrara river.....	Secs. 34 and 35-33-38.....	J. O. Stevens.....	Aug. 21, 1904.....	117.....	
Niobrara river.....	Sec. 21-34-42.....	J. O. Stevens.....	Aug. 22, 1904.....	54.....	
Niobrara river.....	Sec. 18-30-44.....	J. O. Stevens.....	Aug. 23, 1904.....	27.....	
Niobrara river.....	Spencer.....	G. W. Bates.....	May 15, 1908.....	2832.....	
Niobrara river.....	Spencer.....	G. W. Bates.....	May 16, 1908.....	2834.....	
Niobrara river.....	Spencer.....	A. A. Dobson.....	June 11, 1908.....	2590.....	
Niobrara river.....	Spencer.....	A. A. Dobson.....	July 23, 1908.....	1233.....	
Niobrara river.....	Spencer.....	A. A. Dobson.....	Sept. 9, 1908.....	867.....	
Niobrara river.....	Niobrara.....	D. D. Price.....	Aug. 26, 1910.....	1035.7.....	
Niobrara river.....	Niobrara.....	A. A. Dobson.....	Oct. 9, 1910.....	1000.4.....	
Niobrara river.....	Niobrara.....	D. D. Price.....	Aug. 26, 1910.....	1035.....	
Niobrara river.....	Niobrara.....	A. A. Dobson.....	Oct. 9, 1910.....	1035.....	
Niobrara river.....	Niobrara.....	A. A. Dobson.....	Nov. 26, 1910.....	1647.....	
Newman creek.....	Head Newman D. 17-33-24.....	O. B. Channel.....	June 9, 1899.....	0.73.....	
Oak creek.....	3 miles N. W. of Lincoln.....	McCoskey & Pckens.....	May 10, 1899.....	27.46.....	
Oak creek.....	3 miles N. W. of Lincoln.....	McCoskey & Johnson.....	July 3, 1899.....	703.25.....	Swollen by heavy rains
Oak creek.....	Dannebrog.....	Glen E. Smith.....	May 19, 1899.....	5.....	
Otter creek.....	Sec. 9-15-40.....	H. O. Smith.....	Aug. 18, 1902.....	18.3.....	
Platte river.....	Columbus.....	O. V. P. Stout.....	Sept. 17, 1894.....	Dry.....	
Platte river.....	Columbus.....	O. V. P. Stout.....	Oct. 6, 1894.....	Dry.....	
Platte river.....	Fremont.....	O. V. P. Stout.....	Aug. 14, 1894.....	1420.....	
Platte river.....	Fremont.....	A. Rosewater.....	Late Aug. 1894.....	1209.....	
Platte river.....	Fremont.....	O. V. P. Stout.....	Aug. 13, 1900.....	2300.....	
Platte river.....	Grand Island.....	O. V. P. Stout.....	Sept. 7, 1896.....	Dry.....	
Platte river.....	Grand Island.....	O. V. P. Stout.....	Sept. 15, 1898.....	12.....	

SUMMARY OF ALL STREAM MEASUREMENTS—(Continued).

Stream	Locality	Hydrographer	Date	Discharge Cubic Feet Per Sec.	Remarks
Platte river	Central City	Glen E. Smith	Sept. 8, 1899	50.	
Platte river	Lexington	H. O. Smith	May 14, 1901	5804.	
Platte river	Lexington	H. O. Smith	May 24, 1901	10167.	
Platte river	Lexington	H. O. Smith	June 5, 1901	9888.	
Platte river	Lexington	H. O. Smith	June 18, 1901	12406.	
Platte river	Lexington	H. O. Smith	July 8, 1901	2501.	
Platte river	Lexington	H. O. Smith	July 20, 1901	Dry	
Platte river	Kearney	H. O. Smith	July 22, 1901	Dry	
Platte river	Fremont	H. O. Smith	Aug. 11, 1901	1152.	
Platte river	Kearney	J. C. Stevens	Sept. 7, 1902	Dry	
Platte river	South Bend	J. C. Stevens	May 5, 1903	13179.0	
Platte river	Ashland	J. C. Stevens	Aug. 31, 1903	41270.0	
Platte river	Grand Island	J. C. Stevens	Oct. 1, 1903	Dry	
Platte river	Valley	J. C. Stevens	May 7, 1904	3976.0	
Platte river	Grand Island	R. D. Hubbard	Aug. 28, 1904	0.0	
Platte river	Sec. 29-12-26	H. O. Smith	Sept. 13, 1904	36.0	Head Gothenburg canal
Platte river	Fremont	G. W. Bates	April 20, 1908	4542.	
Platte river	Columbus	A. A. Dobson	July 25, 1910	river dry	
Platte river	Columbus	A. A. Dobson	Oct. 1, 1910	est. 10.	
Platte river	Columbus	A. A. Dobson	Nov. 19, 1910	river dry	Water standing in frozen
Platte river	Columbus	A. A. Dobson	Nov. 25, 1910	est. 23.	pools
Platte river, north	Douglas, Wyo.	State Eng'r Wyo.	June 3, 1891	10130.	
Platte river, north	Douglas, Wyo.	State Eng'r Wyo.	Dec. 4, 1891	807.	
Platte river, north	Douglas, Wyo.	State Eng'r Wyo.	Nov. 5, 1892	595.	
Platte river, north	Fairbanks, Wyo.	State Eng'r Wyo.	Oct. 13, 1891	579.	
Platte river, north	North Platte	U. S. Geol. Sur.	Sept. 14, 1892	770.	
Platte river, north	North Platte	U. S. Geol. Sur.	Nov. 2, 1892	1070.	
Platte river, north	North Platte	U. S. Geol. Sur.	Nov. 22, 1892	1370.	
Platte river, north	North Platte	A. B. McCoskey	Sept. 2, 1898	Est. 12.	

SUMMARY OF ALL STREAM MEASUREMENTS—(Continued).

Stream	Locality	Hydrographer	Date	Discharge Cubic Feet Per Sec.	Remarks
Platte river, north.....	Camp Clark.....	U. S. Geol. Sur.....	May 29, 1891	8075.	
Platte river, north.....	Camp Clark.....	U. S. Geol. Sur.....	Oct. 8, 1892	335.	
Platte river, north.....	Lewellen Bridge.....	A. B. McCoskey.....	Sept. 1, 1898	Est 5.	
Platte river, north.....	Lewellen Bridge.....	H. H. Pickens.....	May 22, 1899	15901.88	
Platte river, north.....	Gering Bridge.....	O. V. P. Stout.....	June 1, 1901	10360.	
Platte river, north.....	Camp Clarke.....	R. H. Willis.....	June 27, 1901	5900.	
Platte river, north.....	Camp Clarke.....	R. H. Willis.....	July 10, 1901	2900.	
Platte river, north.....	Bridgeport.....	R. H. Willis.....	July 27, 1901	800.	
Platte river, north.....	Sec. 18-14-33.....	H. O. Smith.....	July 28, 1901	394.	
Platte river, north.....	Sec. 18-14-33.....	E. F. Seedberger.....	Aug. 7, 1901	150.	
Platte river, north.....	Lewellen.....	H. O. Smith.....	Aug. 7, 1901	100.	
Platte river, north.....	Lewellen.....	H. O. Smith.....	Aug. 8, 1901	758.	
Platte river, north.....	Bridgeport.....	R. H. Willis.....	Aug. 28, 1901	125.	
Platte river, north.....	Bridgeport.....	F. Dobson.....	June 3, 1902	4501.	
Platte river, north.....	Bridgeport.....	F. Dobson.....	June 14, 1902	5433.	
Platte river, north.....	Bridgeport.....	R. H. Willis.....	July 10, 1902	2084.	
Platte river, north.....	Bridgeport.....	F. Dobson.....	July 19, 1902	835.	
Platte river, north.....	Bridgeport.....	F. Dobson.....	Aug. 9, 1902	190.	
Platte river, north.....	Sec. 3-23-58.....	F. Dobson.....	Aug. 26, 1902	31.5	
Platte river, north.....	Sec. 3-23-58.....	R. H. Willis.....	Aug. 28, 1902	31.	
Platte river, north.....	Sec. 3-23-58.....	R. H. Willis.....	Sept. 8, 1902	8.	
Platte river, north.....	Sec. 3-23-58.....	R. H. Willis.....	Sept. 22, 1902	630.	
Platte river, north.....	Sutherland.....	H. O. Smith.....	Aug. 27, 1904	26.7	Head North Platte D.
Platte river, north.....	Sec. 3-23-58.....	H. O. Smith.....	Aug. 28, 1904	29.6	Head Paxton & Smith D.
Platte river, north.....	Lewellen.....	H. O. Smith.....	Aug. 30, 1904	60.0	
Platte river, north.....	Whalen, Wyo.....	U. S. R. S.....	July 15, 1910	783.00	
Platte river, north.....	Near Lower P. & F. Headgate, Wyo.	U. S. R. S.....	July 19, 1910	711.00	
Platte river, north.....	Henry Bridge.....	U. S. R. S.....	July 20, 1910	526.00	
Platte river, north.....	Morrill Bridge.....	U. S. R. S.....	July 21, 1910	325.00	
Platte river, north.....	Bridgeport Bridge.....	U. S. R. S.....	Aug. 10, 1910	Est 30.00	

SUMMARY OF ALL STREAM MEASUREMENTS—(Continued).

Stream	Locality	Hydrographer	Date	Discharge Cubic Feet Per Sec.	Remarks
Platte river, north.....	Henry wagon bridge.....	U. S. E. S.....	Aug. 19, 1910	365.00	
Platte river, north.....	Morrill wagon bridge.....	U. S. E. S.....	Aug. 20, 1910	105.00	
Platte river, north.....	Mitchell wagon bridge.....	U. S. E. S.....	Aug. 22, 1910	72.00	
Platte river, north.....	Bridge west of Scottsbluff.....	U. S. E. S.....	Aug. 22, 1910	45.00	
Platte river, north.....	Bayard bridge.....	U. S. E. S.....	Aug. 24, 1910	19.00	
Platte river, north.....	At Camp Clarke bridge.....	U. S. E. S.....	Aug. 25, 1910	7.00	
Platte river, north.....	At Bridgeport bridge.....	U. S. E. S.....	Aug. 25, 1910	5.00	
Platte river, north.....	At Bayard Bridge.....	R. H. Willis.....	Aug. 28, 1910	22.29	
Platte river, north.....	At Keystone bridge.....	R. H. Willis.....	Sept. 1, 1910	54.96	
Platte river, north.....	At Paxton bridge.....	R. H. Willis.....	Sept. 2, 1910	55.10	
Platte river, north.....	At Lewellen bridge.....	R. H. Willis.....	Sept. 2, 1910	76.59	
North Platte river.....	North Platte.....	A. A. Dobson.....	Oct. 15, 1910	228.	North Platte practically dry
North Platte river.....	North Platte.....	A. A. Dobson.....	Nov. 19, 1910	963.	from June 20 to Sept. 5,
Platte river, south.....	Julesburg, Colorado.....	U. S. Geol. Sur.....	Oct. ..., 1892	653.	
Platte river, south.....	North Platte.....	U. S. Geol. Sur.....	Early Nov. '92	450.	
Platte river, south.....	North Platte.....	U. S. Geol. Sur.....	Late Nov. '92	645.	
Platte river, south.....	North Platte.....	O. V. P. Stout.....	June 29, 1896	0.0	
Platte river, south.....	North Platte.....	Glen E. Smith.....	April 19, 1899	883.	
Platte river, south.....	North Platte.....	Glen E. Smith.....	May 6, 1899	86.6	
Platte river, south.....	North Platte.....	Glen E. Smith.....	May 22, 1899	83.	
Platte river, south.....	North Platte.....	Glen E. Smith.....	June 6, 1899	Dry	
Platte river, south.....	North Platte.....	Glen E. Smith.....	June 19, 1899	Dry	
Platte river, south.....	Sutherland.....	H. H. Pickens.....	May 23, 1899	50.	
Platte river, south.....	North Platte.....	O. V. P. Stout.....	July 17, 1901	Dry	
Platte river, south.....	North Platte.....	H. O. Smith.....	April 9, 1902	Dry	
Platte river, south.....	North Platte.....	H. O. Smith.....	May 20, 1902	200.	
Platte river, south.....	Big Springs.....	J. O. Stevens.....	Sep. 5, 1902	Dry	
Platte river, south.....	Big Springs.....	H. O. Smith.....	Sep. 23, 1902	173.	
Platte river, south.....	Julesburg, Colorado.....	J. O. Stevens.....	April 1, 1903	1145.0	

SUMMARY OF ALL STREAM MEASUREMENTS—(Continued).

Stream	Locality	Hydrographer	Date	Discharge Cubic Feet Per Sec.	Remarks
Platte river, south	North Platte	J. C. Stevens	April 2, 1903	909.0	
Platte river, south	North Platte	J. C. Stevens	May 8, 1903	50.0	
Platte river, south	Big Springs	J. C. Stevens	May 9, 1903	20.0	
Platte river, south	Julesburg, Colo.	J. C. Stevens	May 9, 1903	25.0	
Platte river, south	North Platte	J. C. Stevens	June 29, 1903	0.0	
Platte river, south	Big Springs	J. C. Stevens	July 8, 1903	1.0	
Platte river, south	Big Springs	J. C. Stevens	July 28, 1903	2.0	
Platte river, south	North Platte	J. C. Stevens	Mar. 26, 1904	0.0	
Platte river, south	Ogalalla	A. Dobson	April 17, 1904	0.0	
Platte river, south	North Platte	R. D. Hubbard	May 27, 1904	11.2	
Platte river, south	Julesburg, Colo.	J. C. Stevens	May 27, 1904	130.0	Estimated
Platte river, south	North Platte	J. C. Stevens	June 3, 1904	2231.0	
Platte river, south	Arnold	A. Dobson	Dec. 9, 1904	38.3	
Platte river, south	North Platte	G. W. Bates	Mar. 31, 1905	382.0	
Platte river, south	North Platte	H. C. Gardner	June 14, 1905	7717.0	
Platte river, south	North Platte	H. C. Gardner	July 13, 1905	170.0	
Platte river, south	Ogalalla	H. O. Smith	Aug. 30, 1905	34.0	
Platte river, south	North Platte	A. Dobson	June 2, 1908	94.8	
Platte river, south	North Platte	Geo. W. Bates	Mar. 23, 1909	84.	
Ponea creek	Lynch	G. W. Bates	May 16, 1908	20.1	
Ponea creek	Lynch	Arthur Dobson	Sept. 9, 1908	10.1	
Ponea creek	Near Spencer	Arthur Dobson	Sept. 9, 1908	6.5	
Prairie creek	Sec. 26-16-5	A. Dobson	Nov. 21, 1901	8.4	
Paxton Springs	Sec. 29-15-27	H. O. Smith	May 7, 1902	0.8	
Pawnee creek	Above Plummer's D. 19-13-27	O. B. Channel	April 25, 1898	4.94	
Pawnee creek	Above Holcomb's D. 12-13-28	O. B. Channel	April 25, 1898	4.73	

SUMMARY OF ALL STREAM MEASUREMENTS—(Continued).

Stream	Locality	Hydrographer	Date	Discharge Cubic Feet Per Sec.	Remarks
Pine creek.....	Sec. 33-30-44.....	A. B. McCoskey.....	June 1, 1898	24.5	
Pine creek.....	Sec. 22-30-40.....	J. C. Stevens.....	Aug. 23, 1904	12.8	
Pine creek.....	Sec. 22-30-44.....	J. C. Stevens.....	Aug. 23, 1904	27.0	
Plum creek.....	At mouth 13-32-22.....	C. B. Channel.....	June 13, 1898	101.13	
Plum creek.....	Sec. 35-32-23.....	C. B. Channel.....	June 10, 1899	81.07	
Plum creek.....	Hoef's mill, sec. 27-31-24.....	A. B. McCoskey.....	Oct. 26, 1900	28.77	
Pole creek.....	Sec. 28-32-40.....	A. B. McCoskey.....	June 1, 1898	Est 2.	
Pumpkinseed creek.....	Sec. 30-19-50.....	R. H. Willis.....	May 29, 1903	7.9	Court House Rock D.
Pumpkinseed creek.....	Lot 1, sec. 7-19-55.....	R. H. Willis.....	July 16, 1903	1.3	
Pumpkinseed creek.....	Sec. 30-19-50.....	R. H. Willis.....	July 17, 1903	3.4	
Pumpkinseed creek.....	Secs. 25 and 30-19-50.....	R. H. Willis.....	July 17, 1903	4.4	
Pumpkinseed creek.....	Sec. 25-19-51.....	R. H. Willis.....	July 17, 1903	2.7	
Pumpkinseed creek.....	Sec. 25-19-51.....	R. H. Willis.....	July 17, 1903	0.6	
Pumpkinseed creek.....	N. E. cor. 33-19-52.....	H. O. Smith.....	June 16, 1904	11.43	
Pumpkinseed creek.....	Round House Rock.....	H. O. Smith.....	Oct. 25, 1905	12.0	
Pumpkinseed creek.....	One mile from mouth.....	H. O. Smith.....	Oct. 28, 1905	22.0	
Pumpkinseed creek.....	Bridgeport.....	R. H. Willis.....	June 3, 1907	30.5	
Red Bird creek.....	Sec. 11-32-10.....	G. W. Bates.....	May 16, 1908	44.8	
Republican river.....	Culbertson.....	U. S. Geol. Sur.....	Nov. 25, 1892	209.	
Republican river.....	Oxford.....	O. V. P. Stout.....	June 3, 1895	16000.	
Republican river.....	Oxford.....	O. V. P. Stout.....	Sept. 12, 1895	55.	
Republican river.....	Culbertson.....	G. E. Crownover.....	May 16, 1896	78.4	
Republican river.....	Oxford.....	G. E. Crownover.....	May 17, 1896	255.	
Republican river.....	Oxford.....	O. V. P. Stout.....	June 15, 1896	109.	
Republican river.....	Sec. 24-1-39.....	O. V. P. Stout.....	June 16, 1896	88.	

SUMMARY OF ALL STREAM MEASUREMENTS—(Continued).

Stream	Locality	Hydrographer	Date	Discharge Cubic Feet Per Sec.	Remarks
Republican river.....	Haigler	E. T. Youngfelt.....	June 16, 1896	6.0	
Republican river.....	Benkelman	O. V. P. Stout.....	June 16, 1896	29.0	
Republican river.....	Haigler	O. V. P. Stout.....	June 17, 1896	8.2	
Republican river.....	Haigler	E. T. Youngfelt.....	June 17, 1896	14.9	
Republican river.....	Culbertson	O. V. P. Stout.....	June 19, 1896	6.5	
Republican river.....	Haigler	O. V. P. Stout.....	July 16, 1896	9.8	
Republican river.....	Haigler	O. V. P. Stout.....	Aug. 25, 1896	10.0	
Republican river.....	Sec. 19-1-39	O. V. P. Stout.....	Aug. 25, 1896	5.0	
Republican river.....	Benkelman	O. V. P. Stout.....	Aug. 25, 1896	5.0	
Republican river.....	Culbertson	O. V. P. Stout.....	Sept. 10, 1896	0.0	
Republican river.....	Haigler	O. V. P. Stout.....	Sept. 18, 1896	24.5	
Republican river.....	McCook	Adna Dobson.....	April 13, 1897	745.	
Republican river.....	McCook	O. V. P. Stout.....	July 19, 1897	Dry	
Republican river.....	Oxford	O. V. P. Stout.....	June 24, 1898	385.	
Republican river.....	Culbertson	O. V. P. Stout.....	June 25, 1898	91.3	
Republican river.....	Culbertson	O. V. P. Stout.....	May 29, 1899	Dry	
Republican river.....	Oxford	Glen E. Smith.....	Sept. 6, 1899	Dry	
Republican river.....	Culbertson	A. B. McCoskey.....	Sept. 19, 1899	Dry	
Republican river.....	Orleans	A. B. McCoskey.....	Sept. 6, 1899	0.3	
Republican river.....	Head of Meeker Canal	E. D. Johnson.....	Sept. 19, 1899	17.5	
Republican river.....	McCook	A. B. McCoskey.....	Sept. 19, 1899	12.3	
Republican river.....	Cambridge	Adna Dobson.....	June 28, 1900	7.2	
Republican river.....	Oxford	E. D. Johnson.....	July 18, 1900	14.3	
Republican river.....	Edison	E. D. Johnson.....	July 18, 1900	16.6	
Republican river.....	McCook	A. B. McCoskey.....	July 27, 1900	104.	
Republican river.....	Benkelman	O. V. P. Stout.....	Aug. 18, 1900	41.7	
Republican river.....	Sec. 22-3-31	H. O. Smith.....	June 22, 1901	Dry	
Republican river.....	Sec. 22-3-31	O. V. P. Stout.....	July 20, 1901	Dry	
Republican river.....	McCook	O. V. P. Stout.....	July 20, 1901	Pools	

SUMMARY OF ALL STREAM MEASUREMENTS—(Continued).

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Stream	Locality	Hydrographer	Date	Discharge Cubic Feet Per Sec.	Remarks
Republican river.....	Oxford	H. O. Smith.....	July 22, 1901	Pools	
Republican river.....	Culbertson	F. Dobson.....	April 25, 1902	204.	
Republican river.....	Ives	F. Dobson.....	April 26, 1902	39.	
Republican river.....	Stratton	F. Dobson.....	April 26, 1902	.85	
Republican river.....	Haigler	F. Dobson.....	April 26, 1902	52.3	
Republican river.....	Oxford	F. Dobson.....	April 27, 1902	255.	
Republican river.....	McCook	F. Dobson.....	April 27, 1902	137.	
Republican river.....	Franklin	H. O. Smith.....	June 10, 1902	743.	
Republican river.....	Benkelman	H. O. Smith.....	June 12, 1902	35.	
Republican river.....	Oxford	J. C. Stevens.....	Sept. 17, 1902	37.	
Republican river.....	McCook	J. C. Stevens.....	Sept. 17, 1902	29.	
Republican river.....	Benkelman	J. C. Stevens.....	Sept. 17, 1902	45.	
Republican river.....	Culbertson	J. C. Stevens.....	Sept. 18, 1902	41.	
Republican river.....	Superior	J. C. Stevens.....	May 19, 1903	2198.	
Republican river.....	Superior	J. C. Stevens.....	May 19, 1903	245.	
Republican river.....	Oxford	J. C. Stevens.....	May 19, 1903	558.	
Republican river.....	Haigler	J. C. Stevens.....	May 20, 1903	16.	
Republican river.....	Wray, Colo.....	J. C. Stevens.....	May 21, 1903	35.	
Republican river.....	Superior	J. C. Stevens.....	June 4, 1903	2896.	
Republican river.....	Mill Race.....	J. C. Stevens.....	June 4, 1903	109.	
Republican river.....	Warwick, Kan.....	J. C. Stevens.....	June 5, 1903	741.	
Republican river.....	Superior	J. C. Stevens.....	June 23, 1903	1008.	
Republican river.....	Superior	J. C. Stevens.....	July 14, 1903	7670.	
Republican river.....	Culbertson	H. O. Smith.....	Aug. 29, 1903	.0	
Republican river.....	Superior	J. C. Stevens.....	Sept. 11, 1903	951.	
Republican river.....	McCook	James A. Green.....	June 30, 1904	443.	
Republican river.....	Naponee	James A. Green.....	July 7, 1904	1290.	
Republican, north fork.....	Cambridge	G. W. Bates.....	Mar. 29, 1909	439.	
Republican, north fork.....	Haigler	O. V. P. Stout.....	June 7, 1896	6.1	

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SUMMARY OF ALL STREAM MEASUREMENTS—(Continued).

Stream	Locality	Hydrographer	Date	Discharge Cubic Feet Per Sec.	Remarks
Republican, north fork.....	Benkelman	J. C. Stevens.....	April 3, 1904	112.	
Republican, north fork.....	Benkelman	Adna Dobson.....	April 12, 1904	31.78	
Republican, north fork.....	Bostwick	J. C. Stevens.....	June 6, 1904	1289.	
Republican, north fork.....	Bostwick	J. C. Stevens.....	June 15, 1904	900.00	
Republican, north fork.....	Benkelman	J. C. Stevens.....	June 16, 1904	87.	
Republican, north fork.....	Bostwick	J. C. Stevens.....	July 29, 1904	2379.	
Republican, south fork.....	Benkelman	J. C. Stevens.....	Aug. 18, 1900	3.	
Republican, south fork.....	State Line.....	H. O. Smith.....	June 12, 1902	32.8	
Rock creek.....	B. & M. Ry. Crossing near Ives.....	O. V. P. Stout.....	June 16, 1896	12.16	Dundy county
Rock creek.....	B. & M. Ry. Crossing near Ives.....	E. T. Youngfelt.....	Aug. 25, 1896	12.20-	
Rock creek.....	Sec. 21-1-39.....	W. A. Channel.....	Nov. 22, 1900	8.8	Dundy county
Rock creek.....	Ives.....	F. Dobson.....	April 26, 1902	.99	Dundy county
Rock Springs creek.....	Above Moore's D. 12-52-22.....	C. B. Channel.....	June 14, 1898	2.37	Keya Paha county
Rock creek.....	Sec. 4-31-18.....	C. B. Channel.....	June 20, 1898	2.8	Rock county
Rock creek.....	Sec. 28-32-18.....	C. B. Channel.....	June 20, 1898	4.89	Rock county
Rush creek.....	Sec. 33-31-42.....	J. C. Stevens.....	Aug. 22, 1904	.6	
Salt creek.....	Lincoln	Adna Dobson.....	Aug. 17, 1900	5807.	Flood
Salt creek.....	Lincoln	O. V. P. Stout.....	May 20, 1901	44.	
Salt creek.....	Lincoln	Adna Dobson.....	July 7, 1902	5438.	Flood
Salt creek.....	Lincoln	Adna Dobson.....	July 10, 1902	10136.	Flood
Salt creek.....	Lincoln	B. E. Forbes.....	Oct. 1, 1902	92.4	
Salt creek.....	Ashland	J. C. Stevens.....	Aug. 31, 1903	217.2	
Sand creek.....	N. W. ¼ sec. 9-14-36.....	H. O. Smith.....	Oct. 2, 1906	4.00	

SUMMARY OF ALL STREAM MEASUREMENTS—(Continued).

Stream	Locality	Hydrographer	Date	Discharge Cubic Feet Per Sec.	Remarks
Sandy creek.....	Sec. 3-31-15.....	C. B. Channel.....	June 17, 1899	8.28	
Shobe branch.....	At Lamb's 32-33-11.....	C. B. Channel.....	June 20, 1899	1.66	
Sand creek.....	Sec. 14-15-40.....	H. O. Smith.....	Aug. 19, 1902	1.3	
Sand creek.....	Sec. 33-15.....	G. W. Bates.....	April 27, 1905	60.0	Flood
Sappa creek.....	Stamford.....	J. A. Green.....	July 6, 1904	37.0	
Shell creek.....	Platte Center.....	O. V. P. Stout.....	July 21, 1896	47.4	
Shell creek.....	Schuyler.....	O. V. P. Stout.....	July 24, 1896	26.3	
Schagle creek.....	Sec. 24-33-23.....	G. W. Bates.....	May 9, 1905	22.0	
Silver creek.....	Memphis.....	F. S. Dobson.....	Feb. 28, 1906	8.1	
Snake creek.....	4 miles east of sec. 2-30-31.....	Engs. Goldn. I. D.....	Mar. 16, 1897	222.0	
Snake creek.....	Sec. 2-30-31.....	Engs. Goldn. I. D.....	Mar. 22, 1897	250.0	
Snake creek.....	Sec. 2-30-31.....	Engs. Goldn. I. D.....	April 13, 1897	225.0	
Snake creek.....	4 miles east sec. 2-30-31.....	Engs. Goldn. I. D.....	April 13, 1897	240.0	
Snake creek.....	At mouth.....	O. V. P. Stout.....	July 23, 1897	280.0	
Snake creek.....	At mouth of Boardman Creek.....	O. V. P. Stout.....	July 24, 1897	215.0	
Snake creek.....	N. E. $\frac{1}{4}$ sec. 15-32-30.....	J. C. Stevens.....	Aug. 16, 1904	279.0	
Snake creek.....	N. E. $\frac{1}{4}$ sec. 10-30-31.....	J. C. Stevens.....	Aug. 16, 1904	204.0	
Snake creek.....	S. E. $\frac{1}{4}$ sec. 2-30-32.....	J. C. Stevens.....	Aug. 17, 1904	194.0	
Snake creek.....	Sec. 16-31-30.....	J. C. Stevens.....	Oct. 31, 1904	245.0	
Soldier creek.....	5 miles above Ft. Robinson.....	J. C. Stevens.....	Aug. 14, 1897	2.28	
Soldier creek.....	Ft. Robinson.....	E. T. Youngfelt.....	June 25, 1896	3.23	
Soldier creek.....	Ft. Robinson.....	Glen E. Smith.....	April 27, 1898	3.67	

SUMMARY OF ALL STREAM MEASUREMENTS—(Continued).

Stream	Locality	Hydrographer	Date	Discharge Cubic Feet Per Sec.	Remarks
Soldier creek.....	Ft. Robinson.....	T. J. O'Keefe.....	Aug. 22, 1900	1.8	
Soldier creek.....	Ft. Robinson.....	T. J. O'Keefe.....	Sept. 22, 1900	2.5	
Sowbelly creek.....	Ab. Head of Schaefer D. 7-32-55.....	A. B. McCoskey.....	July 16, 1897	1.45	
Sowbelly creek.....	Bodare P. O. 5-32-55.....	A. B. McCoskey.....	July 14, 1897	1.54	
Sowbelly creek.....	Bridge S. of Gillerist.....	A. B. McCoskey.....	July 24, 1897	.08	
Sowbelly creek.....	Sec. 19-33-55.....	A. B. McCoskey.....	Sept. 30, 1898	Est 1.00	
Sowbelly creek.....	N. line sec. 19-32-55.....	A. B. McCoskey.....	Aug. 1, 1899	1.37	
Sowbelly creek.....	Head of Nutto's D. 24-32-56.....	T. J. O'Keefe.....	Sept. 24, 1900	3.15	
Squaw creek.....	Patrick Dunn's 15-33-57.....	A. B. McCoskey.....	July 22, 1897	.13	Sioux county
Squaw creek.....	Sec. 1-31-52.....	E. T. Youngfelt.....	June 24, 1896	.66	Dawes county
Squaw creek.....	Duncan's sec. 23-31-51.....	C. B. Channel.....	May 11, 1899	1.21	Dawes county
Squaw creek.....	Stetson's sec. 18-31-51.....	C. B. Channel.....	May 11, 1899	.33	Dawes county
Squaw creek.....	Head Daniels and Stetson D. 19-31-51.....	C. B. Channel.....	May 11, 1899	.79	Dawes county
Squaw creek.....	Head Cooper Ditch 36-32-52.....	C. B. Channel.....	May 12, 1899	.72	Dawes county
Skunk creek.....	A. Miller's D. 1-14-37.....	C. B. Channel.....	May 18, 1898	2.2	
Skunk creek.....	N. W. $\frac{1}{4}$ sec. 6-14-35.....	H. O. Smith.....	Oct. 2, 1908	6.0	
Spring creek.....	Sec. 28-16-41.....	H. O. Smith.....	May 23, 1898	4.5	
Spring creek.....	Sec. 29-16-41.....	H. O. Smith.....	May 23, 1898	6.7	
Spring creek.....	At Mills P. O. 9-34-18.....	H. O. Smith.....	June 16, 1898	7.30	Tributary to Keya Paha
Spring creek.....	Head Townsend Ditch 35-34-19.....	H. O. Smith.....	June 13, 1899	5.18	
Spring creek.....	Head Opperman Ditch 29-32-20.....	H. O. Smith.....	June 15, 1899	.31	Tributary to Niobrara
Spring creek.....	At mouth.....	H. O. Smith.....	May 16, 1899	.29	Trib. to Little Cottonwood
Spring creek.....	Sec. 25-10-31.....	H. O. Smith.....	July 11, 1901	4.4	
Spring creek.....	Sec. 30-10-21.....	H. O. Smith.....	Aug. 18, 1902	1.0	
Spring creek.....	Sec. 36-14-47.....	H. O. Smith.....	April 23, 1902	2.4	
Spring creek.....	Sec. 29-15-37.....	C. B. Channel.....	May 19, 1898	1.1	

SUMMARY OF ALL STREAM MEASUREMENTS—(Continued).

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Stream	Locality	Hydrographer	Date	Discharge Cubic Feet Per Sec.	Remarks
Spring creek	Sec. 30-15-37	H. O. Smith	May 7, 1902	2.5	
Stinking Water creek	Palisade	O. V. P. Stout	June 19, 1896	12.24	Above Palisade mill
Stinking Water creek	Palisade	E. T. Youngfelt	Sept. 17, 1896	20.0	Below Palisade mill
Stinking Water creek	Palisade	Glen E. Smith	July 7, 1898	23.6	
Stinking Water creek	Palisade	James A. Green	June 30, 1904	79.0	
Stinking Water creek	Palisade	James A. Green	June 30, 1904	63.0	
Trunk Butte creek	North line sec. 36-33-50	C. B. Channel	May 17, 1899	1.45	
Trunk Butte creek	North line sec. 36-33-50	A. B. McCoskey	Aug. 18, 1899	0.34	
Turkey creek	Sec. 30-4-21	E. D. Johnson	Sept. 6, 1899	2.26	Furnas county
Turkey creek	Naponee	O. V. P. Stout	Aug. 24, 1900	7.	Franklin county
Turkey creek	Naponee	Jas. A. Green	July 7, 1904	31.3	
Thompson creek	Sec. 4-2-13	E. D. Johnson	Sept. 8, 1899	3.45	
Union creek	Madison	O. V. P. Stout	July 23, 1896	38.3	
Victoria creek	Sec. 1-19-21	Adna Dobson	July 28, 1896	5.2	
Victoria creek	Gates Br	Adna Dobson	Oct. 11, 1904	2.6	
Verdigre creek	At mouth 6-31-6	O. V. P. Stout	April 7, 1901	105.	
Verdigre creek	Niobrara	G. W. Bates	May 17, 1908	137.5	
Verdigre creek	Verdigris	Arthur Dobson	Sept. 9, 1908	56.0	
Wahoo creek	Ashland	F. S. Dobson	May 16, 1907	63.5	
Wahoo creek	Ashland	F. S. Dobson	May 16, 1907	71.7	
White Horse creek	Above Lamplugh Lk. 5-14-30	C. B. Channel	May 3, 1898	2.33	

SUMMARY OF ALL STREAM MEASUREMENTS—(Continued).

Stream	Locality	Hydrographer	Date	Discharge Cubic Feet Per Sec.	Remarks
White Tail creek.....	Ab. White Tail Can. 22-15-38.....	C. B. Channel.....	May 20, 1898	24.67	
White Tail creek.....	Above Reed Ditch 15-15-38.....	C. B. Channel.....	May 20, 1898	24.62	
White Tail creek.....	Above Holloway Can. 36-15-38.....	C. B. Channel.....	May 20, 1898	26.06	
White Tail creek.....	S. line 36-15-38.....	H. O. Smith.....	May 7, 1902	24.07	
White Tail creek.....	N. line 36-15-38.....	H. O. Smith.....	May 7, 1902	36.0	
White Tail creek.....	N. E. $\frac{1}{4}$ sec. 26-15-38.....	H. O. Smith.....	May 7, 1902	33.0	
White Tail creek.....	Keystone headgate.....	R. H. Willis.....	Aug. 16, 1910	23.61	
White Tail creek.....	South R. R. bridge.....	R. H. Willis.....	Sept. 1, 1910	22.63	
Weeping Water creek.....	Nehawka.....	G. W. Bates.....	Mar. 11, 1908	38.3	
Willow creek.....	S.W. $\frac{1}{4}$ 17-14-35.....	H. O. Smith.....	Oct. 2, 1908	4.0	
West Middle creek.....	Above Allen's Ditch 29-33-23.....	H. O. Smith.....	June 11, 1898	1.84	
West Middle creek.....	N. E. of N. W. 29-33-23.....	H. O. Smith.....	June 11, 1898	.87	
White Clay creek.....	At Brook's 2-33-45.....	H. O. Smith.....	May 20, 1899	5.27	Sheridan county
White Clay creek.....	Sec. 32-15-51.....	C. B. Channel.....	May 11, 1899	0.72	Dawes county
White Clay creek.....	Sec. 1-31-52.....	T. J. O'Keefe.....	Aug. 23, 1900	1.50	
White Clay creek.....	Sec. 36-35-45.....	G. W. Bates.....	June 19, 1904	11.0	
Wood river.....	Glenwood.....	C. B. Channel.....	Aug. 8, 1898	5.82	
Wood river.....	Sec. 12-9-16.....	J. O. Stevens.....	Sept. 7, 1902	27.3	
Wooden Spring branch.....	Sec. 25-35-29.....	C. B. Channel.....	June 13, 1899	2.14	
White river.....	Sec. 23-31-53.....	E. T. Youngfelt.....	June 24, 1896	23.3	
White river.....	Crawford.....	E. T. Youngfelt.....	June 24, 1896	30.7	
White river.....	Whitney.....	E. T. Youngfelt.....	June 25, 1896	27.2	
White river.....	Whitney.....	A. B. McCoskey.....	Sept. 21, 1898	Est 8.	

SUMMARY OF ALL STREAM MEASUREMENTS—(Continued).

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Stream	Locality	Hydrographer	Date	Discharge Cubic Feet Per Sec.	Remarks
White river	1 mile below mouth Kyle ck	A. B. McCoskey	Aug. 11, 1897	6.6	
White river	R. R. bridge above glen	A. B. McCoskey	Aug. 13, 1897	5.7	
White river	Head of Crawford Ditch	Stout & McCoskey	Aug. 14, 1897	11.9	
White river	Bridge below Crawford	A. B. McCoskey	Aug. 14, 1897	8. } ^{*19-0}	*When these measurements
White river	Bridge below Crawford	A. B. McCoskey	Sept. 9, 1897	6.96	were taken the water was all
White river	Head of Crawford Ditch	A. B. McCoskey	Sept. 20, 1897	10.44	diverted into Crawford
White river	Bridge below Crawford	A. B. McCoskey	Sept. 20, 1897	7.53	ditch. The gaging at the
White river	Head of Crawford Ditch	A. B. McCoskey	Oct. 18, 1897	15.25	bridge below Crawford show
White river	Bridge below Crawford	A. B. McCoskey	Oct. 18, 1897	10.13	only water accumulated be-
White river	Head of Crawford Ditch	A. B. McCoskey	Nov. 5, 1897	15.87	tween the two points, from
White river	Bridge below Crawford	A. B. McCoskey	Nov. 5, 1897	10.58	Soldier creek, seepage,
White river	Head of Crawford Ditch	Glen E. Smith	April 27, 1898	18.3	springs, etc.
White river	Bridge below Crawford	Glen E. Smith	April 27, 1898	11.1	The actual discharge of the
White river	Bridge below Crawford	A. B. McCoskey	Sept. 20, 1898	7.7	stream at Crawford with the
White river	Head of Crawford Ditch	A. B. McCoskey	Sept. 24, 1897	13.65	Crawford ditch closed, would
White river	Whitney	C. B. Channel	May 15, 1899	10.37	be a little less than the sum
White river	Below Crawford	A. B. McCoskey	May 17, 1899	18.68	of the discharges at the two
White river	Force's Ranch 31-31-54	A. B. McCoskey	May 19, 1899	4.41	points on the same date.
White river	Head of Crawford Ditch	A. B. McCoskey	May 19, 1899	16.70	
White river	Bridge below Crawford	A. B. McCoskey	May 19, 1899	18.05	
White river	Bridge below Crawford	A. B. McCoskey	May 22, 1899	45.89	Swollen by heavy rains
White river	Bridge below Crawford	A. B. McCoskey	Aug. 19, 1899	16.20	
White river	At Andrew's Siding	C. B. Channel	May 26, 1899	4.93	
White river	Head of Crawford Ditch	McCoskey & O'Keefe	July 16, 1900	15.48	Ditch not diverting any water
White river	Bridge below Crawford	McCoskey & O'Keefe	July 16, 1900	28.29	
White river	Head of Crawford Dam	T. J. O'Keefe	Aug. 22, 1900	14.00	
White river	Bridge below Crawford	T. J. O'Keefe	Sept. 1, 1900	13.5	
White river	Whitney	T. J. O'Keefe	Sept. 3, 1900	5.	
White river	Crawford	B. E. Forbes	July 11, 1901	11.5	
White river	Sec. 23-31-53	C. Spearman	July 24, 1901	16.3	

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SUMMARY OF ALL STREAM MEASUREMENTS—(Concluded).

Stream	Locality	Hydrographer	Date	Discharge Cubic Feet Per Sec.	Remarks
White river.....	Sec. 34-32-52	A. Dobson.....	June 2, 1902	64.9	
White river.....	Sec. 25-32-52	B. E. Forbes.....	Aug. 20, 1902	10.4	
White river.....	Crawford	J. O. Stevens.....	April 27, 1903	31.0	
White river.....	Crawford	J. O. Stevens.....	May 27, 1903	19.0	
White river.....	Crawford	Page T. Francis.....	April 20, 1905	21.5	
White river.....	Crawford	Page T. Francis.....	May 4, 1905	51.5	
White river.....	Crawford	Page T. Francis.....	May 15, 1905	27.6	
White river.....	Crawford	Page T. Francis.....	May 29, 1905	25.2	
White river.....	Crawford	Page T. Francis.....	June 3, 1905	34.5	
White river.....	Crawford	Page T. Francis.....	June 10, 1905	21.5	
White river.....	Crawford	Page T. Francis.....	July 29, 1905	56.0	9 a. m.
White river.....	Crawford	Page T. Francis.....	July 29, 1905	96.0	3 p. m.
White river.....	Crawford	Page T. Francis.....	July 30, 1905	400.	9 a. m.
White river.....	Crawford	Page T. Francis.....	July 30, 1905	120.0	3 p. m.
White river.....	Crawford	Page T. Francis.....	July 31, 1905	63.0	
White river.....	Crawford	Page T. Francis.....	Aug. 4, 1905	41.2	
White river.....	Crawford	Page T. Francis.....	Aug. 7, 1905	35.3	
White river.....	Crawford	Page T. Francis.....	Aug. 12, 1905	301.6	
White river.....	Crawford	Page T. Francis.....	Aug. 13, 1905	92.0	
White river.....	Crawford	Page T. Francis.....	Aug. 20, 1905	36.0	
White river.....	Sec. 7-34-47	G. W. Bates.....	July 8, 1908	99.1	
White river.....	Fort Robinson	Page T. Francis.....	July 3, 1910	14.7	
White river.....	Military Reservation	Page T. Francis.....	July 10, 1910	13.8	
White river.....	$\frac{1}{2}$ mile west of Crawford	Page T. Francis.....	Aug. 7, 1910	13.2	
White river.....	$\frac{1}{2}$ mile west of Crawford	Page T. Francis.....	Aug. 14, 1910	15.6	
White river.....	$\frac{1}{2}$ mile west of Crawford	Page T. Francis.....	Aug. 30, 1910	12.4	
White river.....	$\frac{1}{2}$ mile west of Crawford	Page T. Francis.....	Oct. 5, 1910	18.5	
White river.....	$\frac{1}{4}$ mile west of Crawford	Page T. Francis.....	Oct. 23, 1910	21.7	
White river.....	$\frac{1}{2}$ mile west of Crawford	Page T. Francis.....	Nov. 20, 1910	23.7	

REPORT OF SECRETARY

Daily measurements of the North Platte River have been taken at Whalen Dam, about 35 miles up the river from the Nebraska-Wyoming State Line by U. S. Reclamation Service, season 1910.

Following is a condensed report of these measurements.

Date	Average Discharge
May 22 to 31, inclusive.....	474 sec. ft.
June 1 to 15, inclusive.....	965 sec. ft.
June 16 to 30, inclusive.....	1,079 sec. ft.
July 1 to 15, inclusive.....	1,224 sec. ft.
July 16 to 31, inclusive.....	833 sec. ft.
Aug. 1 to 15, inclusive.....	602 sec. ft.
Aug. 16 to 31, inclusive.....	512 sec. ft.
Sept. 1 to 15, inclusive.....	432 sec. ft.
Sept. 16 to 30, inclusive.....	589 sec. ft.
October 1 to 15, inclusive.....	622 sec. ft.
October 16 to 31, inclusive.....	928 sec. ft.
November 1 to 18, inclusive.....	725 sec. ft.
For total period	756 sec. ft.

The storage of water in the Pathfinder Reservoir began April 17th, 1910.

The Pathfinder Reservoir was about one-fourth filled when storage water was turned into the river May 31st.

The Pathfinder Reservoir was entirely empty on the 29th of September.

The headgates of the Government canal were closed October 5th for the season.

RECOMMENDATIONS.

The laws of Nebraska relative to the appropriation of public waters, either for irrigation or any other useful purpose, are of such supreme importance to the people of the state that any changes should be so carefully framed as not to interfere with rights already acquired, nor discourage those who propose to engage in future enterprises, throwing all the protection possible around the actual appropriator in such a manner as to stimulate honest enterprise and render exploitation and illegitimate speculation impossible.

Perhaps a commission to revise and codify our water laws and submit the result to the succeeding legislature might be advisable.

The following amendments, some of which have been advocated in preceding reports, are recommended:

Time Distribution of Water.

Where small areas are irrigated under an allotment of one-seventieth of one cubic foot per second continuous flow for each acre, the amount allowed is so small that a proper distribution and application is impossible. As much water as the appropriator is able to use without waste should be allowed for a limited time, so fixed as to give each appropriator his just share without violating prior rights.

Interstate Water. Headgates.

The following statement is quoted from the Third Biennial report:

"Thousands of acres of Nebraska land are under ditches which divert water across the state line in Wyoming and Colorado. Other ditches have been projected to take advantage of those conditions and avoid the enforcement of priorities in this state. These ditches if constructed, could during periods of low water deprive irrigators who have complied with every requirement of our state laws of water to which they are justly entitled."

The prophetic ken of this author has been realized. In that part of his report which refers to this subject, Mr. Willis says:

"In the Gering Canal I found 88.5 sec. feet which I turned out and closed the gates. The Mitchell Canal was drawing 200 sec. feet notwithstanding that this ditch had a later priority on the stream. Nothing at the time could be done without trouble and delay, as the controlling gates were in Wyoming."

Many other smaller canals have their headgates beyond state lines. The Gering Irrigation District originally had its headgate in Nebraska, but later it projected its intake about two hundred feet into Wyoming, and on the strength of this relocation attempted to permanently enjoin the Governor and State Board from in any way interfering with or controlling its canal.

As a means of enforcing the law of priorities and protecting legal appropriators, it is suggested that every canal flowing into this state have a controlling gate and measuring flume just within the state and in addition thereto a return canal whereby the water sought to be appropriated may flow back to the stream from which diverted.

It is deemed well in this connection to state that the means of enforcing the provision of section 37, Article 2, relating to headgates, and measuring flumes for all cases are inadequate. More effective measures should be enacted against any unauthorized use of water.

Certificates. Forfeiture.

Section 21, Article 2, provides for the issuance of certificates, in the adjudication of claims. Following the advice of the attorney general few such certificates have ever been issued, Section 30 provides for similar certificates in cases of perfected applications. Section 18 reads as follows:

"All appropriations for water must be for some beneficial or useful purpose, and when the appropriator or his successor in interest ceases to use it for such purpose, the right ceases."

It is recommended therefore that both sections in regard to certificates be repealed, and a law enacted to the effect that in all cases water rights shall be based upon the actual use and that abandonment or non-use for a specified time shall constitute forfeiture. Such a law should clearly express on its face that it is not retroactive, and should leave the matter of abandonment prior to the operation of the act, to the courts.

Waste, Seepage, Swamp or Spring Water.

Upon this subject I can do no better than quote from the Second Biennial report as follows:

"The clause of section 44, Article 2, giving right to the owner of land on which a spring rises to the use of water as against all prior appropriators, should be repealed. The fundamental principle of our irrigation law is that the priority of an appropriation for a reasonable beneficial use shall be protected. The water of a stream at its normal flow is the aggregate of the waters of the springs which flow into it. Each of these springs has its rise on somebody's land. What special sacredness should attach to a stream flowing in an underground channel at the point where it reaches the surface as against the same stream flowing in a channel on the surface is not apparent.

"That the owner of the land on which the stream rises should be protected in all beneficial uses that he has made of the water, and especially in its use for domestic purposes, is admitted, but that he should be allowed at any time, and without warning to appropriate and use these waters to the detriment of those who have constructed works for their use and made available improvements based on such use is not reasonable. Grave difficulties have already arisen because of this provision, and more are likely to follow unless it is promptly repealed."

Reservoirs. Unit of Measurement.

The laws relating to reservoirs are very meagre and require revision and amendment.

Reservoirs are of two kinds, those in which the water is simply held back in order that it may be applied to lands of a higher level, or given a greater head for power, and those wherein the water is impounded when not required for immediate use, and held in storage until needed. In the former the unit of measurement of one cubic foot per second is sufficient, but in the latter this unit cannot be applied because the flow is not continuous.

Our law is not definite as to the length of the irrigation season, but assuming it to be six months, a continuous flow of one cubic foot per second for seventy acres would cover the ground to a depth of more than five feet. For stored water this amount is much in excess of actual requirements because the water when not in use is not running away, but is being conserved for the supreme moment when needed.

The law relative to stored water should be so amended as to make one acre foot the standard of measurement, and define the maximum number of acre feet for each acre of land irrigated. That part of Section 32, Article 2, relative to measurements by miner's inches is inconsistent and impossible, and should be amended, or repealed.

Maps.

Section 29, Article 2, provides that an applicant shall file a map within six months after the allowance of his application. Many of the applicants have attempted to make their own maps and the results are very unsatisfactory. Rules have been adopted by the Board as to maps, which are printed elsewhere, but it is suggested that this law be made more definite and combined with section 62, with the same penalty for failure.

Irrigation Districts.

The District Irrigation system, properly conducted, is the one that is most permanent and economical and the one which experience has shown will, in time, control most of the irrigation in this state. The system is based upon the power of the district to borrow money and issue bonds. The law should be carefully revised, with special view to protect the territory within the district boundaries from exploitation and at the same time secure those who may purchase bonds based upon the faith of the borrower.

Exclusive Right to Water Land.

Perhaps the most important amendment required by our present laws is made necessary by reason of the opinion of the Supreme Court in the case of Farmers Irrigation District vs. Frank (72 Neb. 136). In that opinion section 28, Article 2, of the Irrigation laws, was construed to give a person or corporation to whom an appropriation had been allowed the exclusive right to irrigate the lands included in the appropriation.

It is the opinion of many eminent jurists that this provision of the statutes is essentially wrong, for it gives to the appropriator a vested interest in lands to which he has no title. The ownership of land should be held paramount and superior to the right to water the same.

The present law, allowing the applicant to include in his appropriation large tracts of land without the knowledge or consent of the owners, should be so amended as to give these owners a voice in the matter. It should not be forgotten, however, that without a reasonable amount of land to be watered, there cannot be much incentive to invest capital in a ditch, therefore, extreme care should be used to frame such a law as will be just and equitable to all concerned.

Abandoned Appropriations.

More than five hundred claims for water previous to the law of 1895 have been adjudicated. In several cases no physical work has been performed. Upon perhaps one-fourth of this number, excavation and construction has not been prosecuted beyond turning a few furrows. Few, if any, can be considered fully completed. Vast areas of land, aggregating thousand and thousands of acres have been listed in these claims, to which water has never been applied; yet, under the law, this land cannot be included in any other application, and the Board is powerless to grant any relief. The Attorney General should be directed to institute proceedings in the proper courts to remove this restriction. Claimants who cannot, or will not, water the land listed in their appropriations should be forced to step aside and give some one else a chance.

Under Assistants.

The different water division should be districted by this Board without waiting for petition as provided in section 33, Article 2, and the under assistants should be appointed early for the whole state, so that they will know their duties and be prepared to act when scarcity of water prevails and quick work is necessary.

Every under secretary should be furnished, by the owner of each canal, the names of the officers and owners, a list of the land to be irrigated and a daily bulletin of the intake at the headgate, so that, especially in times of shortage, the under assistants can be properly instructed. Headgates with locks and seals and measuring flumes, are necessary in enforcing the law of priority.

Wrongful Schemes.

Attempts to put power plants into cold storage by means of overlapping fillings, and the use of other dilatory tactics, and applications to segregate large areas on the pretense of watering the land from an inadequate source of supply have been made. A filing fee of from ten dollars to one hundred dollars, according to the magnitude of the application, should be fixed, and a guarantee required to insure the good faith of the applicant. The state should receive a reasonable rental on all power sites.

Appropriations.

It is impossible to conduct an office of the import attached to this office, with sufficient funds. In addition to the ordinary appropriations

it is recommended that in connection with the stream measurements of this office, as provided for by section 17, Article 2, of the irrigation laws, \$3,000.00 be appropriated for use during the coming biennium, one-half of which should be used in co-operation with the U. S. Geological Survey, and the other half for minor streams throughout the state, other than government stations. It is also recommended that an appropriation of \$10,000.00 be made to be used during the coming biennium in connection with the United States Government (which will appropriate and use any sum equal to that appropriated by our legislature) in a topographical survey of the State of Nebraska. The importance of this work to the people of this state cannot be over estimated in relation to all the improvements which are going on. Drainage, irrigation, good roads, forestry and all branches of agriculture are greatly promoted and enhanced by the information which these surveys give us.

Other Needed Legislation.

Other laws which might be passed or beneficially amended are as follows:

A fee should be fixed, to accompany all papers filed in the office of the State Board of Irrigation.

Under secretaries should keep a list of all land irrigated, and all ditches used and report the same to the Secretary each year.

Some provision for watering school land should be made.

The laws relating to appeals, extension of time, and methods of procedure should be made more definite.

All conveyances of appropriations should be recorded in this office.

The inconsistencies between the irrigation law and the law relating to mills and mill dams should be so adjusted that the two statutes can be construed together.

But in all cases the man upon the ground who actually applies the water to the land, or uses it for other beneficial purposes, the one who does the work, the actual producer, his rights should never be forgotten nor lost sight of.

MISCELLANEOUS MEASUREMENTS OF WATER, AND CONVENIENT EQUIVALENTS.

A second foot is water flowing continuously at such a rate that one cubic foot passes a given point in one second of time.

An acre foot is water on foot deep upon one acre of land.

1 acre foot equals 43,560 cubic feet equals 325,851 U. S. gallons.

1 second-foot will supply 1 acre foot in 12.1 hours.

1 U. S. gallon = 231 cubic inches.

1 cubic foot = 7.48 U. S. gallons.

1 cubic foot of water weighs 1,000 ounces or 62.5 pounds avoirdupois.

1 U. S. gallon of water weighs 8.355 pounds avoirdupois.

1 horsepower is equivalent to raising 33,000 pounds one foot in one minute.

1 second-foot falling 8.8 feet is equivalent to one theoretical horsepower. 20 per cent of the theoretical horsepower is generally allowed for the friction of machinery, etc., leaving 80 per cent for the net horsepower, therefore one second foot falling 11 feet = one available horsepower (80 per cent efficiency). About ten per cent of this is lost when converted into electrical energy.

1 horsepower = 746 Watts = .746 Kilowatts.

1 volt ampere = .0013405 horsepower.

The approximate rate of flow of water in open channels may be found in observing the velocity of a float on the surface of the stream. The velocity is greatest at the surface and least along the bottom and sides, being there retarded by friction.

Careful experiments have shown that the mean velocity is about 84 per cent of the maximum central surface velocity. The mean rate of flow is at six-tenths of the depth measured from the surface.

The most approved formula for determining the flow of water in canals is Kutter's:

$$v = \left\{ \frac{1.811}{n} + 41.6 + \frac{.00281}{s} \right\} \sqrt{rs}$$

$$v = \left\{ 1 + \left\{ 41.6 + \frac{.00281}{s} \right\} \frac{n}{\sqrt{r}} \right\} \sqrt{rs}$$

In this formula

v = the mean velocity in feet per second.

r = the hydraulic radius or mean depth in feet = the area of cross section in square feet divided by the wetted perimeter or width along the bottom and sides in feet.

s=the slope; that is the fall of the surface in any distance divided by that distance.

n=a co-efficient of roughness, varying in value from .010 for straight channels with smooth, glazed surfaces, to .035 for canals and rivers in bad order, having stones, detritus and aquatic plants in great quantities. This value has been found to be .025 for ordinary irrigation canals and about one-half this quantity for flumes of unplanned lumber.

The following table gives the velocity in feet per second, based on Kutter's Formula, Co-efficient of Roughness n .025 (F fall in feet per mile, S slope.)

r=average depth	F=.528 S=.00010	F=.792 S=.00015	F=1.056 S=.00020	F=1.320 S=.00025	F=1.584 S=.00030	F=1.848 S=.00035	F=2.112 S=.00040	F=2.376 S=.00045	F=2.640 S=.00050	F=2.904 S=.00055	F=3.168 S=.00060	F=3.432 S=.00065	F=3.696 S=.00070	F=3.960 S=.00075
0.2	.13	.17	.20	.22	.25	.27	.29	.31	.33	.35	.36	.38	.39	.41
0.4	.24	.30	.36	.41	.45	.49	.53	.56	.59	.62	.65	.68	.71	.73
0.6	.34	.43	.50	.57	.63	.68	.73	.78	.82	.86	.90	.94	.98	1.01
0.8	.43	.54	.63	.72	.79	.86	.92	.98	1.03	1.08	1.13	1.18	1.23	1.27
1.0	.52	.65	.76	.85	.94	1.02	1.09	1.16	1.23	1.29	1.35	1.40	1.46	1.51
1.2	.60	.75	.87	.98	1.08	1.17	1.26	1.34	1.41	1.48	1.55	1.61	1.68	1.74
1.4	.68	.84	.99	1.11	1.22	1.32	1.41	1.51	1.59	1.66	1.74	1.81	1.88	1.96
1.6	.76	.94	1.09	1.23	1.35	1.46	1.56	1.66	1.76	1.84	1.92	2.00	2.08	2.15
1.8	.83	1.03	1.19	1.34	1.47	1.59	1.70	1.81	1.91	2.00	2.10	2.18	2.27	2.34
2.0	.90	1.11	1.29	1.45	1.59	1.72	1.84	1.96	2.06	2.17	2.26	2.36	2.45	2.53
2.2	.97	1.20	1.39	1.55	1.71	1.84	1.97	2.10	2.21	2.32	2.42	2.52	2.62	2.71
2.4	1.04	1.28	1.48	1.66	1.82	1.96	2.10	2.23	2.35	2.47	2.58	2.68	2.79	2.88
2.6	1.10	1.36	1.57	1.76	1.93	2.08	2.23	2.36	2.49	2.61	2.73	2.84	2.95	3.06
2.8	1.17	1.43	1.66	1.85	2.03	2.19	2.35	2.49	2.63	2.75	2.88	3.00	3.11	3.22
3.0	1.23	1.51	1.74	1.95	2.13	2.31	2.46	2.61	2.76	2.89	3.03	3.14	3.26	3.38
3.2	1.29	1.58	1.83	2.04	2.23	2.41	2.58	2.74	2.88	3.02	3.16	3.29	3.41	3.53
3.4	1.35	1.65	1.90	2.13	2.33	2.55	2.69	2.85	3.01	3.15	3.30	3.43	3.56	3.68
3.6	1.41	1.72	1.98	2.22	2.43	2.62	2.80	2.97	3.13	3.28	3.43	3.57	3.70	3.83
3.8	1.46	1.79	2.06	2.30	2.52	2.72	2.91	3.08	3.25	3.41	3.56	3.70	3.84	3.98
4.0	1.52	1.85	2.14	2.39	2.61	2.82	3.01	3.19	3.37	3.53	3.68	3.83	3.98	4.12
4.2	1.57	1.92	2.21	2.47	2.70	2.92	3.12	3.30	3.48	3.65	3.81	3.98	4.11	4.26
4.4	1.63	1.99	2.29	2.55	2.79	3.01	3.22	3.41	3.59	3.77	3.93	4.09	4.24	4.39
4.6	1.68	2.05	2.36	2.63	2.88	3.10	3.32	3.51	3.70	3.88	4.05	4.22	4.37	4.53
4.8	1.74	2.11	2.43	2.71	2.96	3.19	3.41	3.62	3.81	3.99	4.17	4.34	4.50	4.66
5.0	1.79	2.17	2.50	2.78	3.04	3.28	3.51	3.73	3.92	4.11	4.28	4.46	4.63	4.79

Trapezoidal Weirs.

As a result of experiments made in Italy in 1886 by Cippoletti, he adopted a trapezoidal weir, the sides of which have an inclination of one-fourth horizontal to one vertical. This is based on the theory that the effective length l of a rectangular weir being less than its true length owing to a contraction of the area if the weir be increased in proportion to its depth (since contraction increases in this ratio) and so as to balance the loss due in contraction, the flow through the weir will remain the same as though the weir were rectangular without contraction. The conditions called for in placing a rectangular weir must be nearly fulfilled with a trapezoidal weir, but the distance of the sill of the weir from the bottom of the canal must be at least three times the depth of the weir, and its length must be at least three times the depth of the water flowing over it.

This weir seems to possess some excellent qualities, the chief difficulty in connection with it being the same as arises in using the rectangular weir, namely, that where silt laden water is employed this may fill up above the front board of the weir. This weir may be used as a divisor, and for fairness of measurement is especially adapted to use on irrigation canals.

REPORT OF SECRETARY

Depth in Feet	DISCHARGE OVER CIPPOLETTI'S TRAPEZOIDAL WEIRS IN SECOND FEET						
	Length 1 Foot	Length 2 Feet	Length 3 Feet	Length 4 Feet	Length 5 Feet	Length 7 Feet	Length 10 Feet
0.05	.0377	.0754	.1131	.1508	.1885	.2640	.3771
.10	.1064	.2125	.3192	.4256	.5319	.7447	1.0632
.15	.1956	.3912	.5868	.7824	.9780	1.3692	1.9560
.20	.3010	.6020	.9029	1.2039	1.5049	2.1069	3.0098
.25	.4203	.8417	1.2625	1.6833	2.1041	2.9458	4.2083
.30	.5531	1.0663	1.6594	2.2128	2.7687	3.8720	5.5314
.35	.6972	1.3945	2.0917	2.7890	3.4862	4.8807	6.9724
.40		1.7685	2.5553	3.4071	4.2588	5.9624	8.5177
.45		2.0328	3.0492	4.0656	5.0820	7.1148	10.1640
.50		2.3805	3.5708	4.7610	5.9512	8.3318	11.9025
.55		2.7465	4.1198	5.4930	6.8663	9.6123	13.7326
.60		3.1293	4.6939	6.2585	7.8231	10.9524	15.6463
.65		3.5283	5.2924	7.0665	8.8206	12.3489	17.6413
.70		3.9437	5.9156	7.8374	9.8593	13.8030	19.7186
.75			6.5599	8.7466	10.9332	15.3065	21.8665
.80			7.2265	9.6354	12.0442	16.8619	24.0885
.85			7.9154	10.5538	13.1923	18.4692	26.3846
.90			8.6234	11.4978	14.3723	20.1212	28.7446
.95			9.3516	12.4688	15.5860	21.8204	31.1720
1.00			10.1000	13.5667	16.8338	23.5667	33.6667
1.05				14.4888	18.1110	25.3554	36.2220
1.10				15.5365	19.4206	27.1888	38.8412
1.15				16.6071	20.7588	29.0624	41.5177
1.20				17.7019	22.1274	30.9784	44.2548
1.25				18.8197	23.5246	32.9344	47.0492
1.30				19.9608	24.9508	34.9306	49.9007
1.35				21.1238	26.4047	36.9666	52.5095
1.40				22.3075	27.8944	39.0382	55.7688
1.45					29.3910	41.1474	58.7890
1.50					30.9245	43.2943	61.8490
1.55					32.4833	45.4766	64.9666
1.60					34.0685	47.6959	68.1370
1.65					35.6792	49.9495	71.3565
1.70					37.3111	52.2355	74.6222
1.75						54.5568	77.9383
1.80						56.9121	81.3080
1.85						59.3006	84.7154
1.90						61.7211	88.1730
1.95						64.1720	91.6743
2.00						66.6560	95.2223

Still water exerts a pressure of 62.5 pounds per square foot, or .434 pounds per square inch, for each foot of depth. It is equal in all directions, downwards, upwards, or sideways, and is independent of the shape or size of the containing vessel.

This pressure is due solely to the "head," or height of the level surface of the water above the point at which the pressure is considered, and, to be exact, is equal to .43302 lbs. per square inch for every foot of head, or 62.335 lbs. per square foot for every foot of head (at 62° F.).

The pressure of water against a vertical surface, as a retaining wall, at any point is in direct ratio to the head above that point, increasing from 0 at the level to a maximum at the bottom. The total pressure against a vertical strip of a units' breadth increases as the area of a right-angled triangle whose perpendicular represents the height of the strip, and whose base represents the pressure on a unit of surface at the bottom; that is, it increases as the square of the depth. The sum of all the horizontal pressures is represented by the area of the triangle, and the resultant is equal to this sum exerted at a point one-third of the height from the bottom. (The centre of gravity of the area of a triangle is one-third of its height.)

The horizontal pressure upon a vertical section of a dam, 1 foot in width, is 31.25 pounds multiplied by the square of the depth of water in feet.

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