NR 5/10.1 / 1893-94
c.1 pt. 2

Reports

State of Colorado

of the

State Engineer

(C. B. Cramer)

for

1893, 1894

MAPS

COLORADO STATE PUBLICATIONS LIBRARY
TRA2.10/98-6 c.2 local
Klamerus, James M./Simulation of 12 high
3 1799 00025 0597

Digitized by the Internet Archive
in 2013

http://archive.org/details/biennialreportofcolo_4

SEVENTH BIENNIAL REPORT

OF THE

STATE ENGINEER

TO THE

Governor of Colorado,

FOR THE

YEARS 1893 AND 1894.

PART II.

DENVER, COLO.:
THE SMITH-BROOKS PRINTING CO., STATE PRINTERS.
1894.

LETTER OF TRANSMITTAL.

DENVER, COLORADO, December 1, 1894.

Governor:

I have the honor to transmit herewith, in Parts I. and II., the report of the transactions of the Department of the State Engineer, for the two fiscal years ending November 30, 1894.

I am, sir, respectfully,

Your obedient servant,

CHAS. B. CRAMER,

State Engineer.

To His Excellency,

DAVIS H. WAITE,

Governor of Colorado.

TABLE OF CONTENTS.

PART II.

	PLATE
Drainage map of Colorado (showing water divisions and water districts)	I
Map of Water District No. 1	II
Map of Water District No. 2	III
Map of Water Districts Nos. 3 and 4	IV
Map of Water Districts Nos. 5 and 6	V
Map of Water District No. 7	VI
Map of Water District No. 8	VII
Map of Water District No. 9	VIII
Map of Water District No. 10	IX
Map of Water District No. 14	X
Map of Water District No. 15	XI
Map of Water District No. 16	XII
Map of Water District No. 22	XIII
Map of Water District No. 34	XIV
Graphical presentation of the daily mean discharge, in cubic feet per second, of	
the Cache la Poudre river	XV
the Arkansas river	XVI
the South Platte River	XVII
Clear Creek	XVIII
St. Vrain creek	XIX
Bear creek	XX
Boulder creek	XXI
Big Thompson creek	XXII
South Boulder creek	XXIII
Graphical presentation showing the seepage of the South Platte river	XXIV

DRAINAGE MAP
OF
COLORADO

Showing Water Divisions
and
Water Districts
Issued from the
STATE ENGINEERS OFFICE
NOV. 1st 1894

C.B.Greiner State Engineer

L.M.Cunningham Assistant

PLAT OF

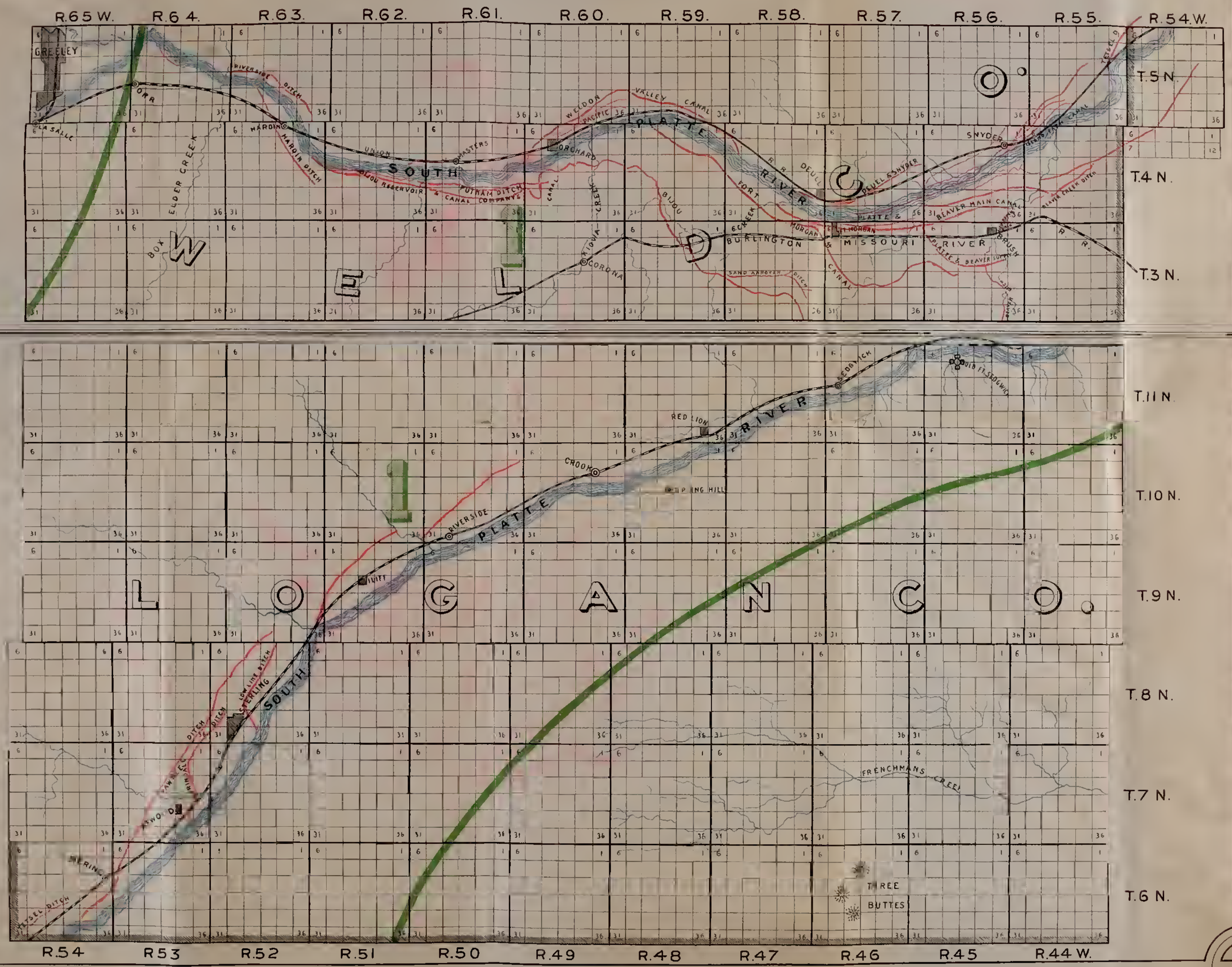
Portion of Water District No. 1.

IN SOUTH PLATTE DIVISION (No. 1.)

STATE OF COLORADO.

ISSUED FROM STATE ENGINEER'S OFFICE, NOVEMBER 1, 1894.

Prepared from filings in State Engineer's Office



PLAT OF

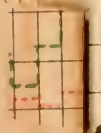
Portion of Water District No. 2.

IN SOUTH PLATTE DIVISION (No. 1.)

STATE OF COLORADO.

ISSUED FROM THE STATE ENGINEER'S OFFICE. NOVEMBER 1, 1894.

Prepared from filings in State Engineer's Office



PLAT OF

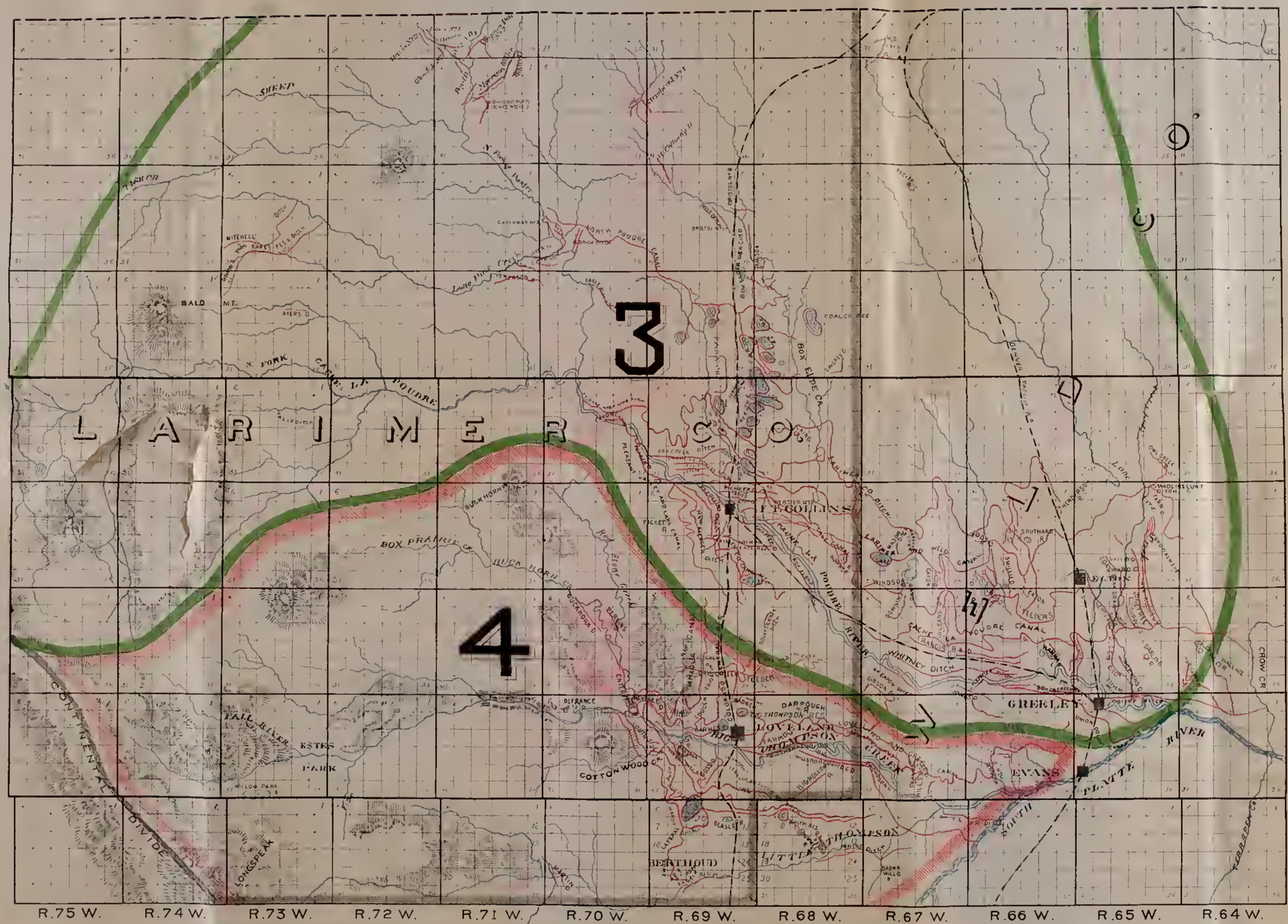
Water Districts Nos. 3 and 4,

IN SOUTH PLATTE DIVISION (No. 1,)

STATE OF COLORADO.

ISSUED FROM THE STATE ENGINEER'S OFFICE, NOVEMBER 1, 1894.

Plat of Districts Nos. 3 and 4 prepared from Plats in State Engineer's Office



PLAT OF

Water Districts Nos. 5 and 6,

IN SOUTH PLATTE DIVISION (No. 1,)

STATE OF COLORADO.

ISSUED FROM THE STATE ENGINEER'S OFFICE, NOVEMBER 1, 1894.

Plat of Districts Nos. 5 and 6 prepared from Plats in State Engineer's Office.

PLAT OF

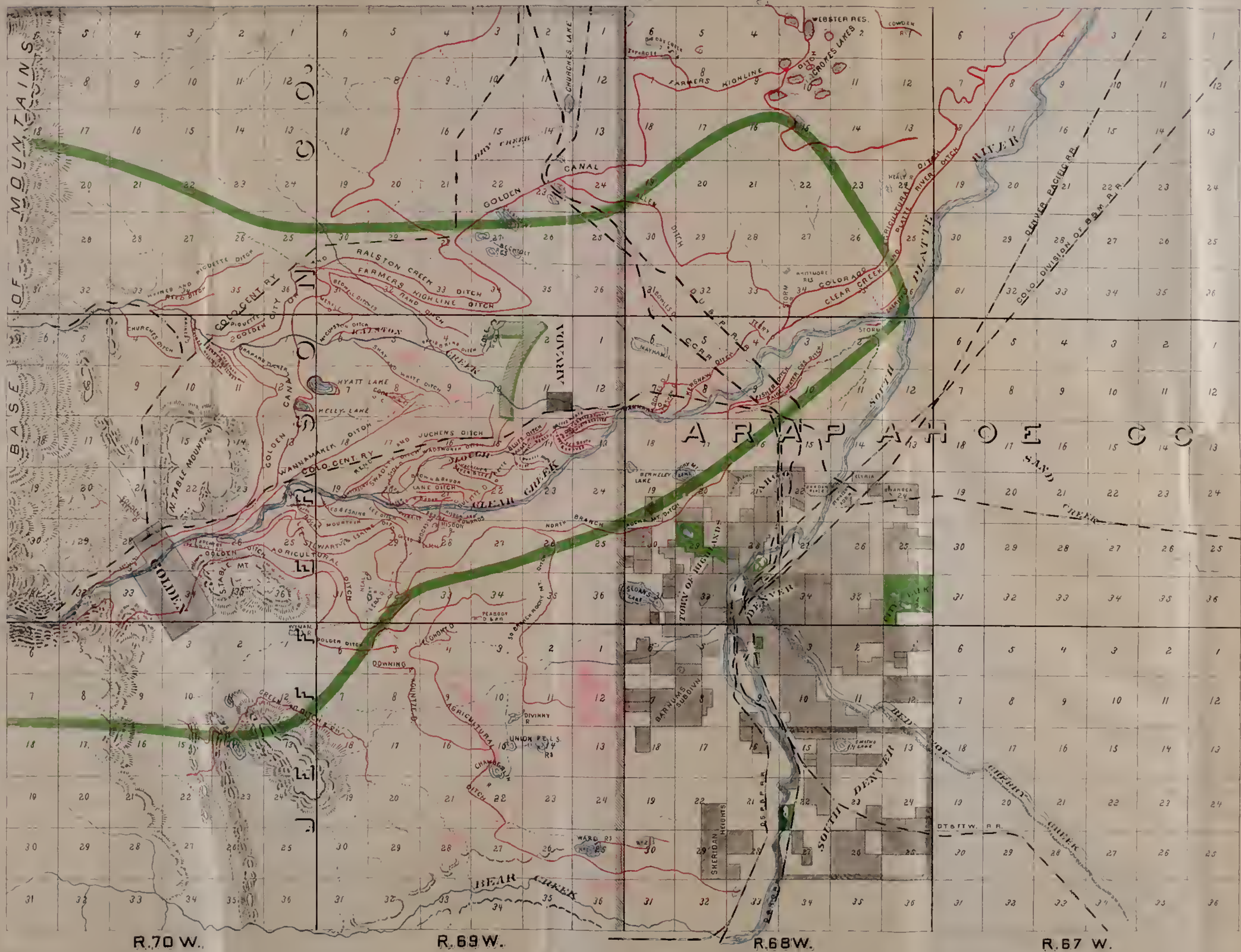
Irrigated Portion of Water District No. 7.

IN SOUTH PLATTE DIVISION (No. 1,)

STATE OF COLORADO.

ISSUED FROM THE STATE ENGINEER'S OFFICE, NOVEMBER 1, 1894.

Prepared from Plats in State Engineer's Office.



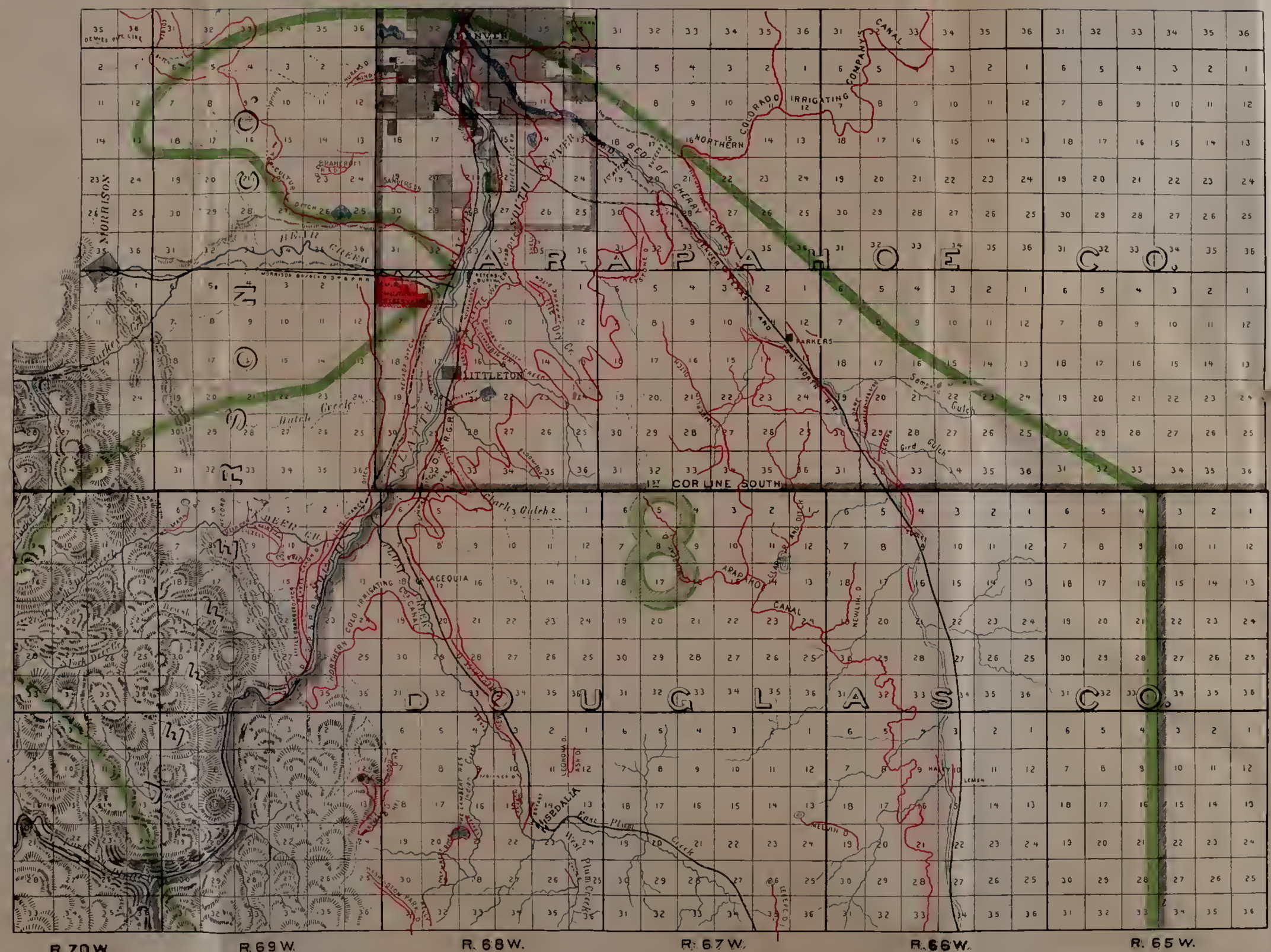
PLAT OF

Portion of Water District No. 8.

IN SOUTH PLATTE DIVISION (No. 1,)

STATE OF COLORADO.

ISSUED FROM THE STATE ENGINEER'S OFFICE, NOVEMBER 1, 1894.



PLAT OF

Irrigated Portion of Water District No. 9.

IN SOUTH PLATTE DIVISION (No. 1,)

STATE OF COLORADO.

ISSUED FROM THE STATE ENGINEER'S OFFICE, NOVEMBER 1, 1894.

PLAT OF

Water District No. 10.

ARKANSAS DIVISION (NO. 2.)

STATE OF COLORADO.

ISSUED FROM THE STATE ENGINEER'S OFFICE, NOVEMBER 1, 1894.

PLAT OF

That Portion of Water District No. 14.

ARKANSAS DIVISION (NO. 2.)

LYING IN PUEBLO COUNTY, STATE OF COLORADO.

ISSUED FROM THE STATE ENGINEER'S OFFICE, NOVEMBER 1, 1894.

PLAT OF

Irrigated Portion of Water District No. 15.

ARKANSAS DIVISION (NO. 2.)

STATE OF COLORADO.

ISSUED FROM THE STATE ENGINEER'S OFFICE, NOVEMBER 1, 1894.

PLAT OF

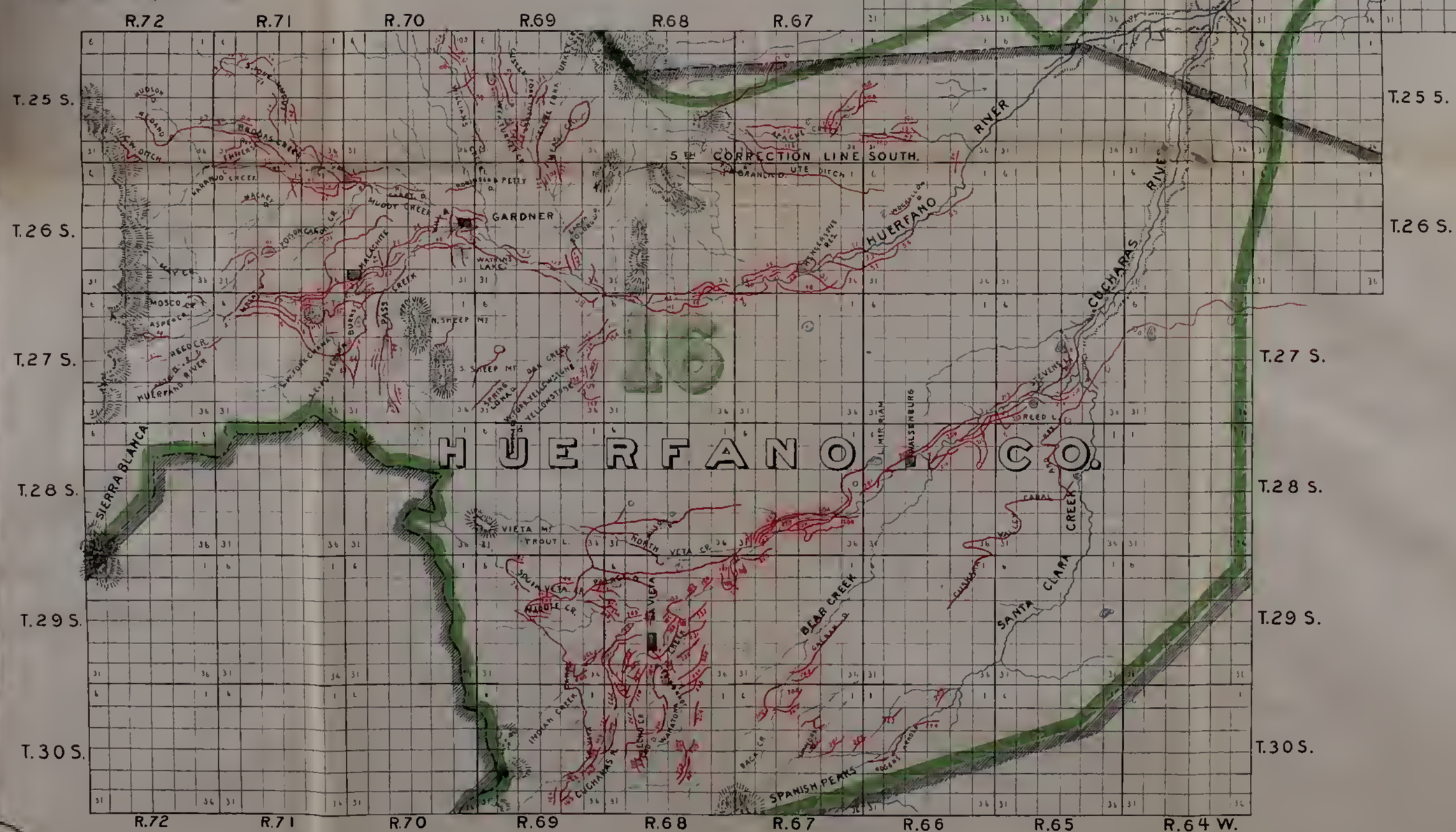
Water District No. 16,

IN ARKANSAS DIVISION (NO. 2.)

STATE OF COLORADO.

ISSUED FROM THE STATE ENGINEER'S OFFICE, NOVEMBER 1, 1894.

Prepared from Plats in State Engineer's Office



KEY TO PLAT.

No. of Ditch.	NAME OF DITCH.
	From Huerfano River.
1	Chapple.
2	Moelunoro.
3	Smithmann
4	Timminey
5	Shields.
6	No. 1.
7	Archuleta.
8	Palmer.
9	Ramone M. Y Velosa.
10	Upper Huerfano.
11	Mosley Co.
12	Sifton No. 1.
13	Sifton No. 2.
14	Sifton No. 3.
15	Manzanarez No. 2
16	Manzanarez No 1.
17	Pioneer.
18	J. & J. Wilson.
19	May
20	South Side.
21	Garden.
22	Deep.
23	Martine and Habo.
24	Nailo and Archuleta.
25	Madina.
26	Fallupia.
27	Burns.
28	Gardner Co.
29	Sanchez.
30	Mill and Irrigating.
31	Vigil and Chavez.
32	Hamlett.
33	Meadow No. 2
34	Bay.
35	Chavez.
36	Quintana.
37	Horner.
38	Garcia.
39	St. Stephen.
40	Pioneer.
41	Martine
42	Joes Martinez.
43	Jose Ma Jaques
44	Pino
45	Martine No. 2
46	Chairo.
47	St. Mary's.
48	Mahn.
49	Z. Allen.
50	J. W. Brown
51	R. Vesino.
52	Gomez.
53	Proffitt.
54	Rule Valley.
55	Silva.
56	Moore.
	From Sheep Creek.
57	Sheep Creek.
58	Potato.
59	Mellory.

No. of Ditch.	NAME OF DITCH.
	From Aspen Creek.
60	Blackwater
	From Moro Creek
61	Moro.
	From S. W. Chama Creek.
62	Horner
	From S. E. Chama Creek.
63	Moore Co.
64	Medrill.
	From Pass Creek.
65	Sanders.
66	Karl.
67	Caldwell.
68	Hamlett.
69	Spring.
70	R. H. Caldwell.
71	Escalario.
	From Muddy Creek.
72	Murray
73	R. M. Lincoln No. 1.
74	R. M. Lincoln No. 2.
75	R. M. Lincoln No. 3.
76	McClure.
77	Rockford and Swire.
78	Joe Murray
79	Glade.
80	Road.
81	Muddy Creek
82	Robinson.
83	Honest.
84	J. D. Patterson.
	From Brooks Creek.
85	Mosier.
86	Snow.
87	Emmerson.
88	Watkins.
89	Brooks Creek
90	Meadow
	From Navajo Creek.
91	Navajo.
92	Valdez No. 1.
93	Nolasco No. 1.
94	Baker No. 1.
95	Baker No. 2.
96	Baker No. 3.
97	Spider Web No. 1.
98	Spider Web No. 2.
99	Petty No. 1.
100	Petty No. 2.

KEY TO PLAT.

No. of Ditch.	NAME OF DITCH.
	From Folsom Canon.
99	Hoffman
100	Archuleta No. 1
101	Garcia.
102	Mirabola.
	From Williams Creek
103	Quillian No. 1.
104	Quillian No. 2.
105	Quillian No. 3.
106	Quillian No. 4.
107	Wilburn No. 1.
108	Wilburn No. 2.
109	Wilburn No. 3
110	Dwyer.
111	W. T. Frick.
	From Turkey Creek.
112	West Side
113	West Fork No. 1
114	West Fork No. 2.
115	J. H. Ortelano No. 1
116	J. H. Ortiz.
117	Mesa No. 1
118	Mesa No. 2.
119	J. H. Ortelano No. 2
120	Martine No. 1.
121	Martine No. 2.
122	Riell
123	Sinaraous No. 1.
124	Sinaraous No. 2
125	Salina Race
126	Fermentes
127	West Side.
128	Romeria No. 1.
129	Romeria No. 2.
130	Dolomal Garcia.
131	Moss Creek.
132	Ojo
133	Valdez No. 2.
134	Valdez No. 3.
135	Amalecia No. 1
136	Apodaca No. 2
137	Flora Montez.
138	Flora Montez No. 2.
139	J. M. Montez.
140	Tres. Quintana
141	Montana.
142	Victor Montoya
143	Turkey Creek
144	Carlono.
	From Oak Creek.
145	J. L. Herne
146	Victor Montoya No. 2
147	Francisco Martine.
148	Martine & Sons No. 1.
149	Martine & Sons No. 2.
150	Augusto Labato.
151	Ma Ant. Sanchez.
152	Ramone Trujillo
153	M. Archuleta.
154	Vigil
	From Apache Creek.
155	Hicklaio
156	Kinney.
157	Whitman and Mott
158	D. & L. M. T. & K.
159	Varanco
160	Jon Hicklaus
161	R. J. Dwyrne
162	Jas Patterson.
163	Palmer
	From Patterson River.
164	Nunis
165	Rock Wall No. 1
166	Rock Wall No. 2
167	Willis No. 1
168	Carpenter
169	J. W. Smith No. 1
170	John H. Fosan No. 1
171	John H. Fosan No. 2
172	Lechuto
173	Julius H. Krueger
174	Hence No. 1.
175	Hence No. 2
176	Hotte
177	Spanish Peak Co
178	Tom Kitchens
179	Phillips So. Side.
180	Patterson
181	Patterson Estesulon
182	Ward and Edmonds.
183	Mosley
184	Edmonds

No. of Ditch.	NAME OF DITCH.
185	Francisco & Diegrie
186	LaVela Mill.
187	LaVela Town.
188	Half Pasture.
189	F. L. Harlin No. 1
190	H. T. Patton.
191	Nailie Patterson
192	Morin
193	L. D. A. & K.
194	John Brown.
195	Denton
196	Beaver Dam
197	Kincaide No. 1.
198	Kincaide No. 2.
199	Walson No. 1.
200	Walson No. 2.
201	Lake Hiriam
202	Trujillo
203	Romero
204	Virgil Rios.
205	Dove Mesa
206	Juan Pachecos
207	Rey
208	Walsenburg Town.
209	Jesus Hedge.
210	J. F. Simons
211	Madrill No. 1
212	Reed.
213	Medrill No. 2.
214	Mexican
215	Flora
216	Pablo Sanchez
	From Wahatoya Creek.
217	Salles No. 1
218	Salles No. 2.
219	McDonald No. 1
220	McDonald No. 2.
221	Stapelmid.
222	J. E. Parke
223	Carver
224	Z.
225	Smith Trimble
226	David Read
227	Grubbs and Baker.
228	Grubbs No. 1.
229	Wagoner.
230	Z Grubbs
231	Plaza
232	McElroy and Denton.
	From Middle Creek.
233	F. M. Greenly.
234	Greenly Bros.
235	J. N. Greenly
236	Hardy and Barnard.
237	Hernandez & Barnard.
238	Sandoval Smith.
239	Sandoval Smith.
240	Falm and Martin
	From South Fork Creek
241	H. T. Sellon No. 1
242	H. T. Sellon No. 2
243	H. T. Sellon No. 3.
244	H. T. Sellon No. 4
245	So. Vela Highland.
246	Alexandria & Sinkside
247	Richey and Matthews No. 1
248	Richey and Matthews No. 2.
	From Indian Creek.
249	Indian Creek
250	Dile.
251	Highland
252	M. B. Sager
	From North Vista Creek
253	G. F. Merillott
254	Walson Vela
255	Plamento Trujillo
	From Bear Creek.
256	Luis Hemmeller
257	Vegil.
258	Price, Martin & Haldy
259	Labelle
	From Santa Clara Creek
260	Simons
261	Jas. Lair
262	Chas. Lair
263	Samuel J. Pappe
264	Fortelibe
265	Pillion

PLAT OF

IRRIGATED PORTION OF

WATER DISTRICT Nº 22

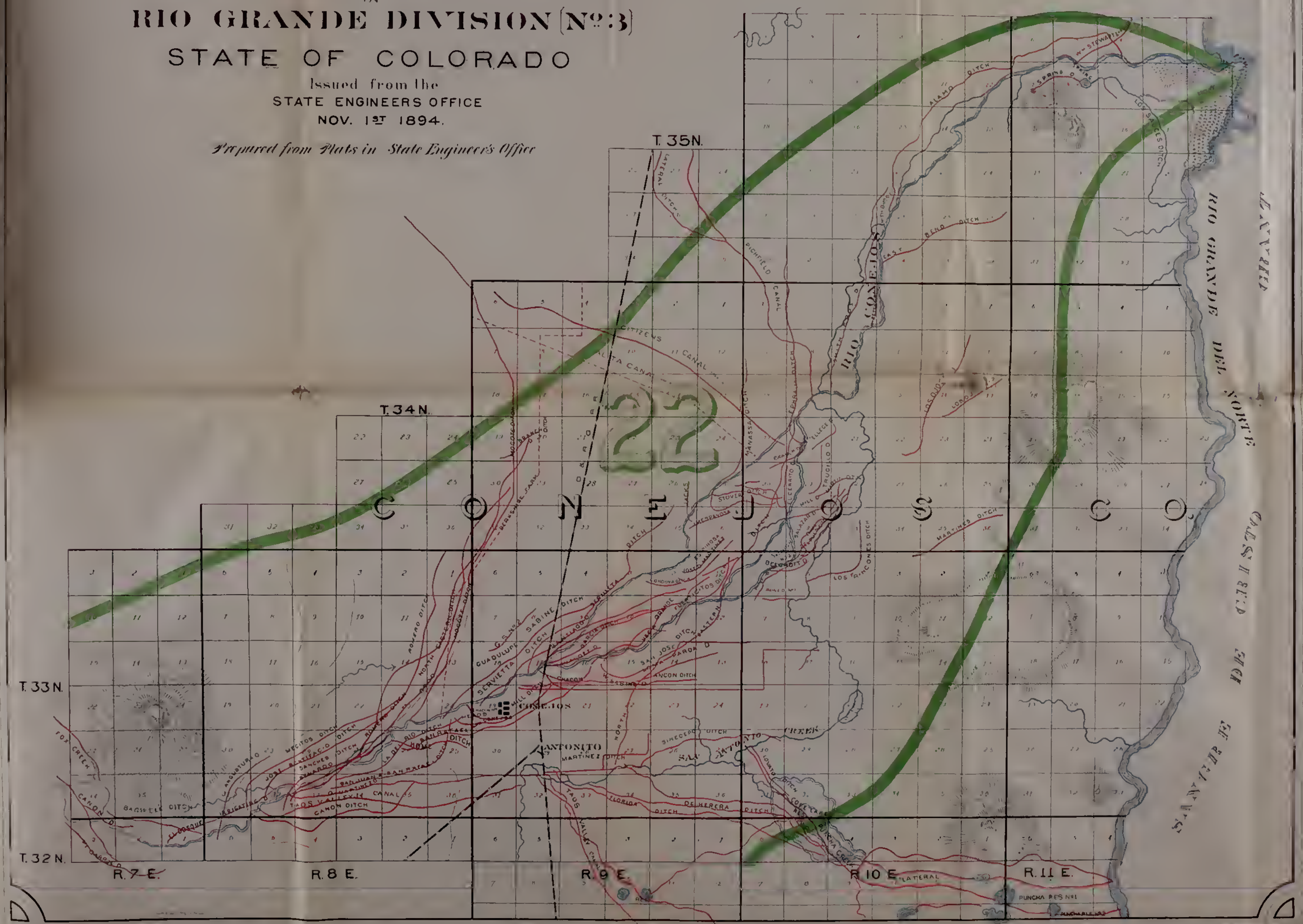
IN

RIO GRANDE DIVISION (Nº 3)

STATE OF COLORADO

Issued from the
STATE ENGINEERS OFFICE
NOV. 1ST 1894.

Prepared from Plats in State Engineer's Office



PLAT OF

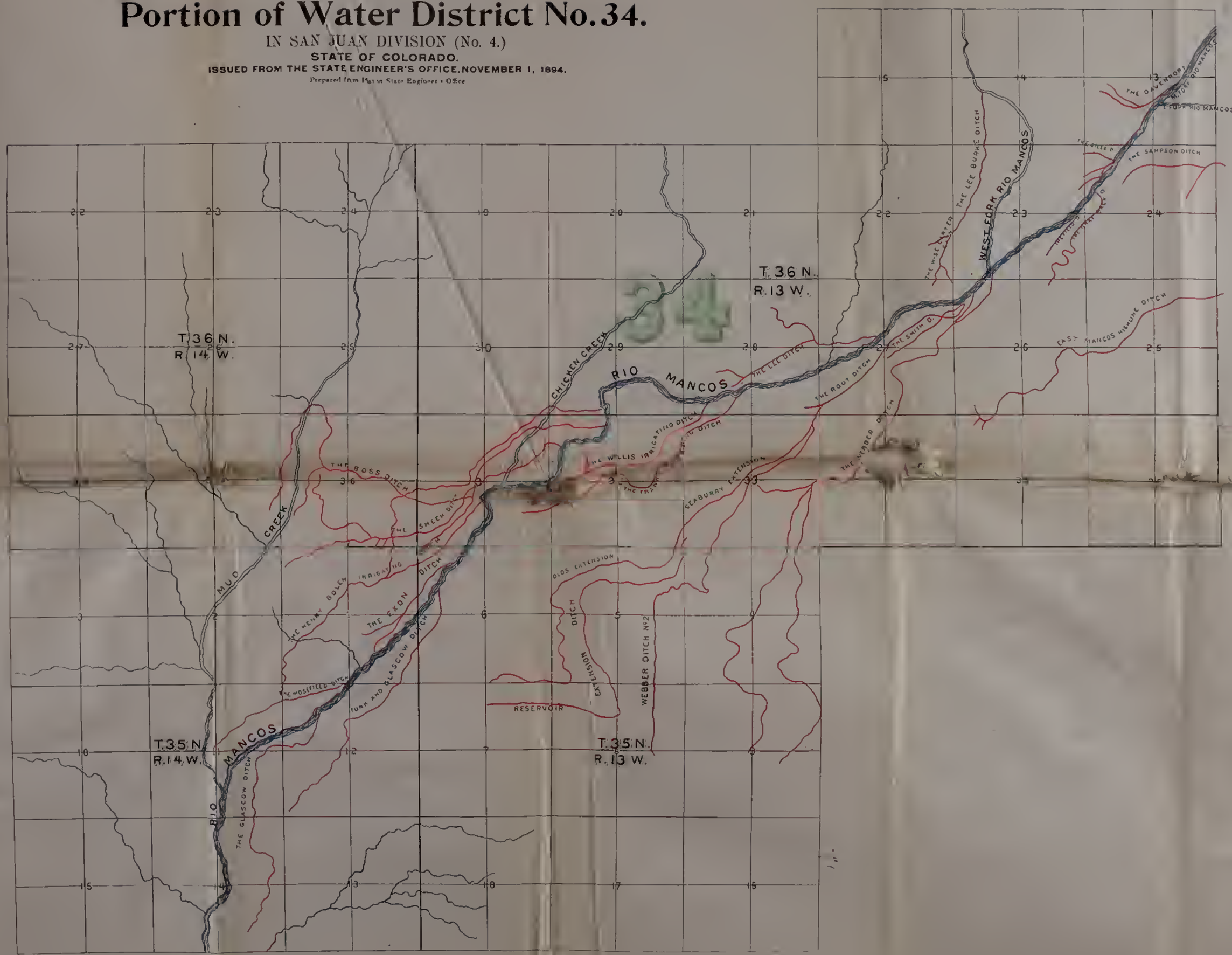
Portion of Water District No. 34.

IN SAN JUAN DIVISION (No. 4.)

STATE OF COLORADO.

ISSUED FROM THE STATE ENGINEER'S OFFICE, NOVEMBER 1, 1894.

Prepared from Plat in State Engineer's Office



GRAPHICAL PRESENTATION

Represents 1886 " 1887 " 1888 " 1889

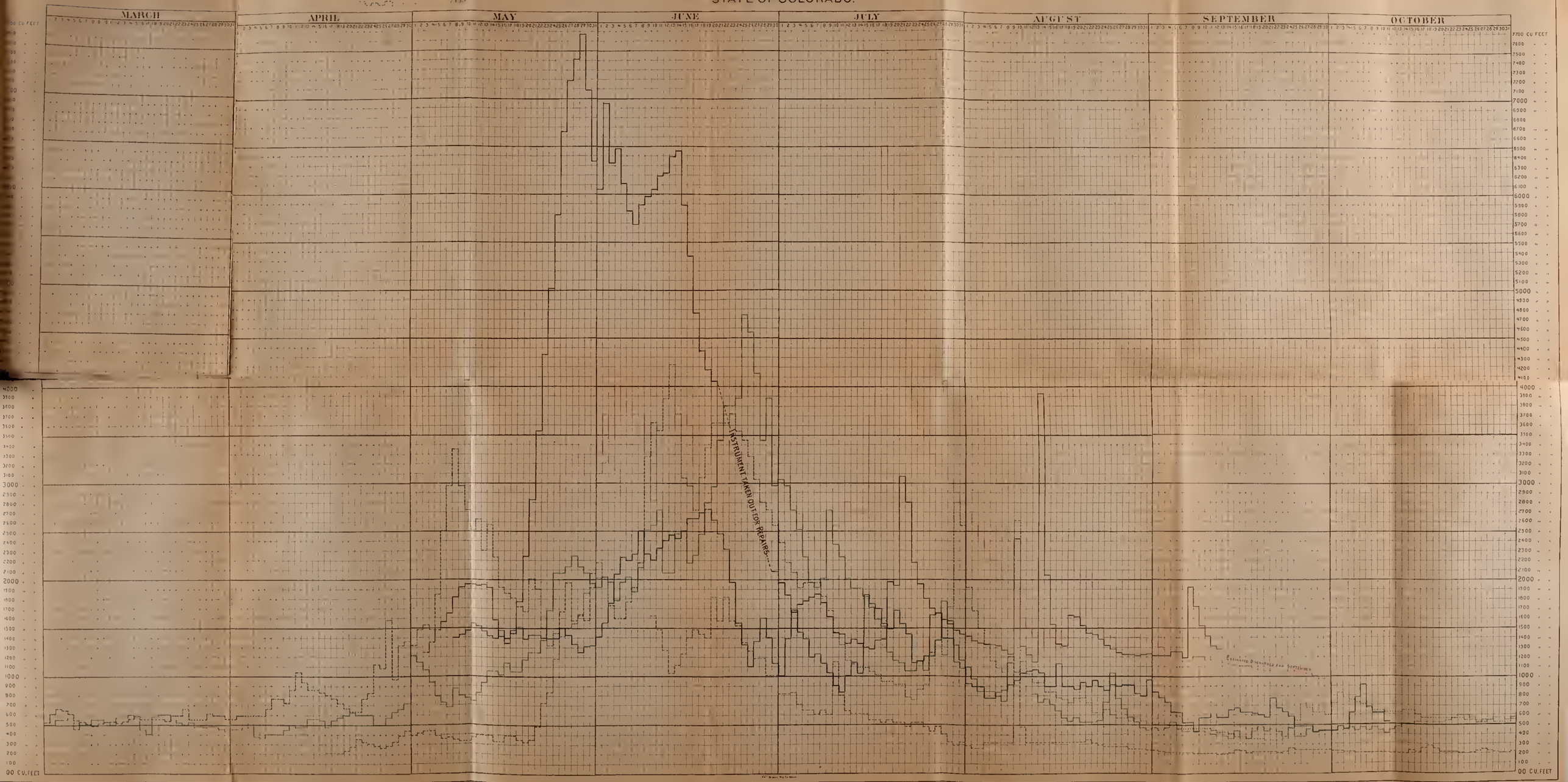
Represents 1890 " 1891 " 1892

of the daily mean discharge, in cubic feet per second, of

THE ARKANSAS RIVER.

STATE OF COLORADO.

Gauging Station No 2
Established on Arkansas River at Pueblo May 8 1886
" near Pueblo June 1 1887
" Cañon City May 8th 1888



GRAPHICAL PRESENTATION

of the daily mean discharge, in cubic feet per second, of

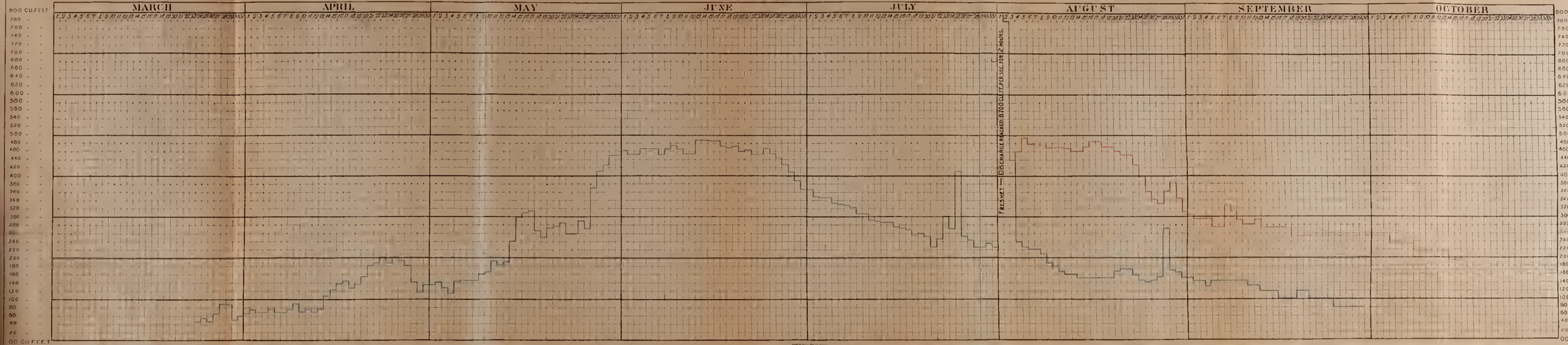
CLEAR CREEK:

STATE OF COLORADO.

For the Seasons of 1887.—1888

Represents 1887
" " 1888

Gauging Station No 4
Established on Clear Creek Aug 30th 1887
From May 27th to July 17th 1888 discharge as shown is approximate only



Represents 1887
" " 1888
" " 1889
" " 1890
" " 1891
" " 1892

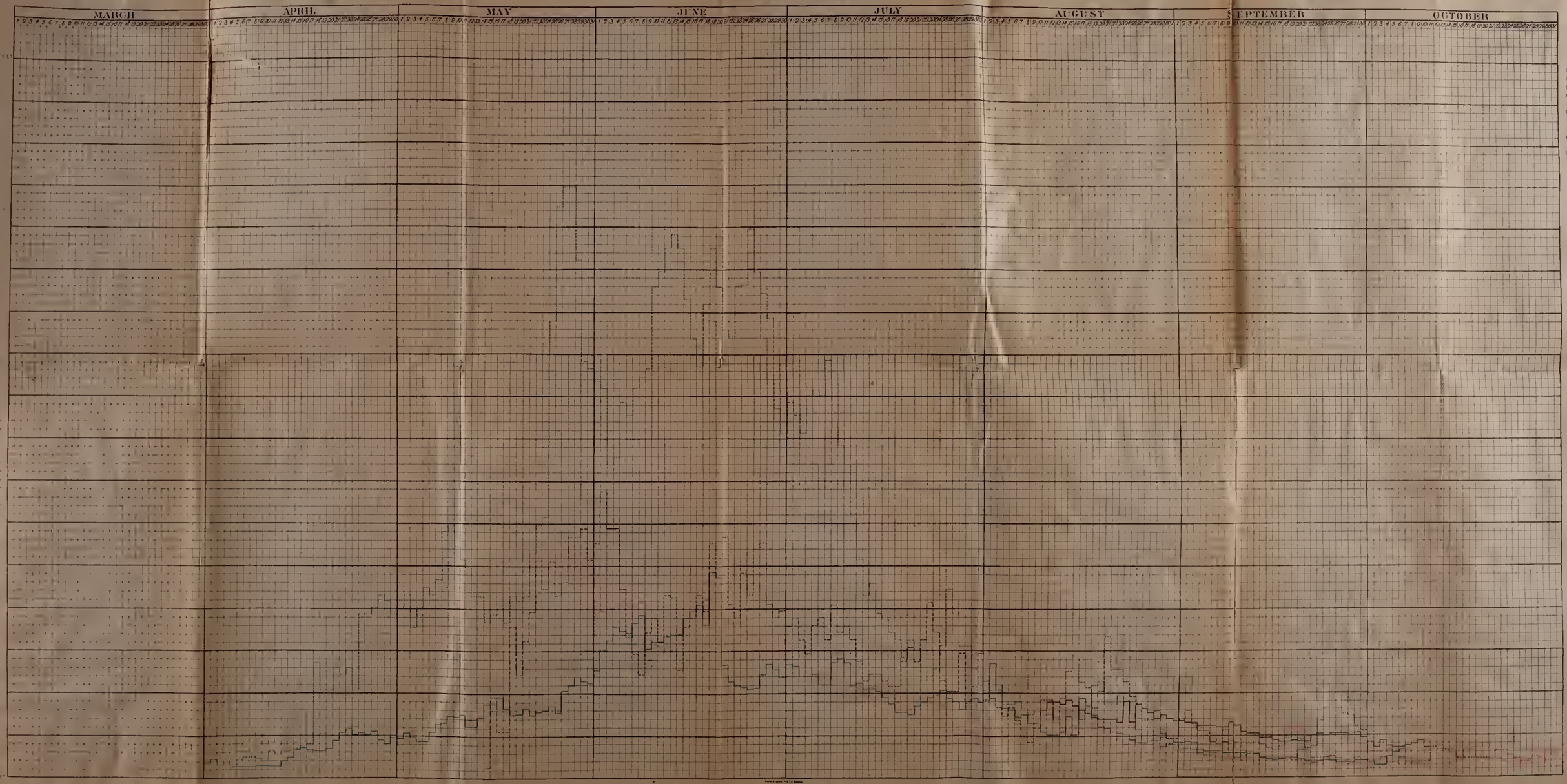
GRAPHICAL PRESENTATION

of the daily mean discharge, in cubic feet per second, of time

ST. VRAIN CREEK

STATE OF COLORADO.

Gauging Station No 95.
Established on St. Vrain Creek Aug 9th 1887.



GRAPHICAL PRESENTATION

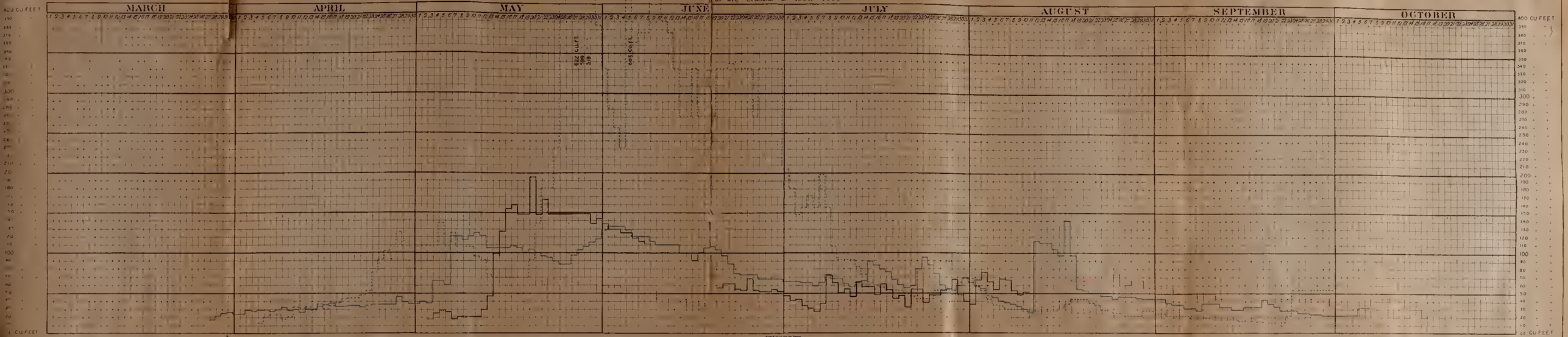
of the daily mean discharge, in cubic feet per second, of

BEAR CREEK,

STATE OF COLORADO.

For the Seasons of 1887.—1888

Gauging Station No 6
Established on Bear Creek Aug 17th 1887



Represents 1887
" " 1888
" " 1889
" " 1890
" " 1891
" " 1892

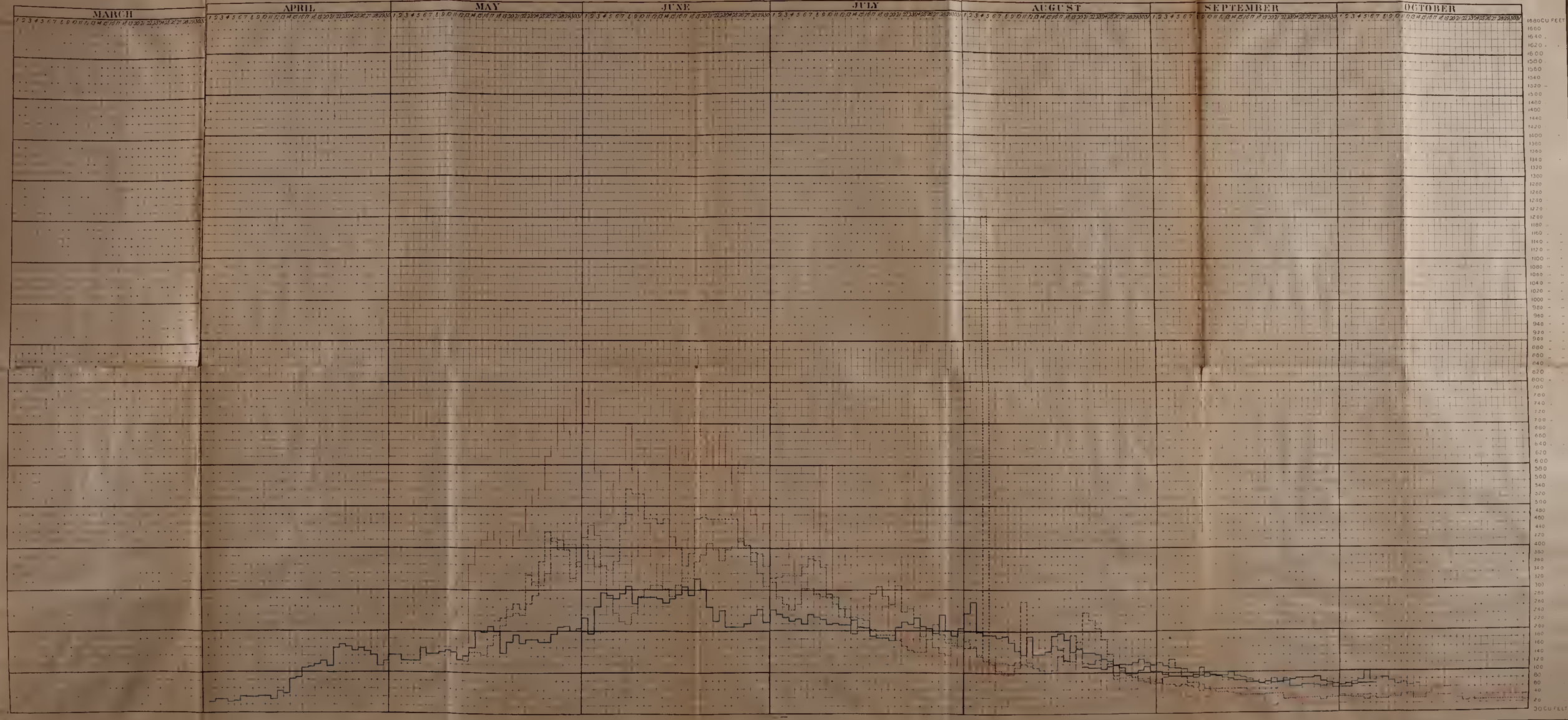
GRAPHICAL PRESENTATION

of the daily mean discharge, in cubic feet per second, of

BOULDER CREEK

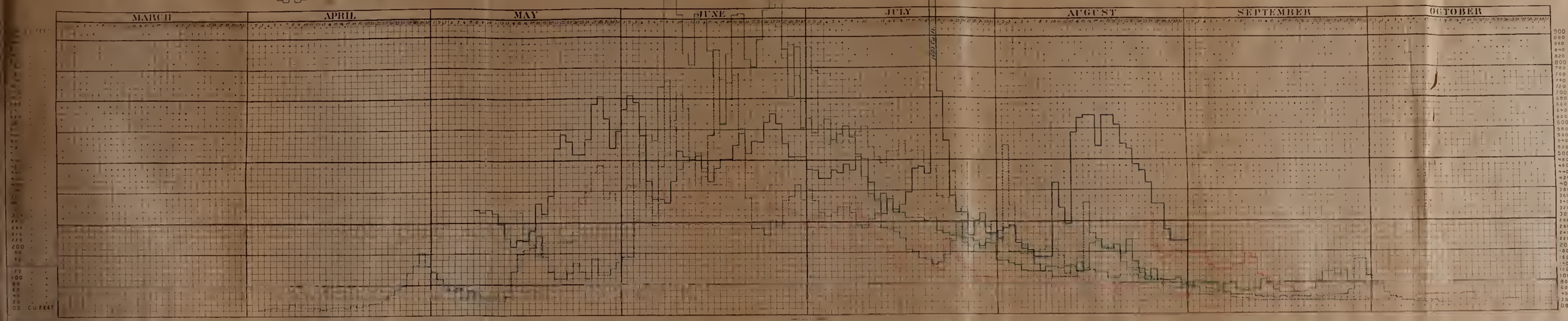
STATE OF COLORADO.

Gauging Station No 7
Established on Boulder Creek Aug. 20th 1887

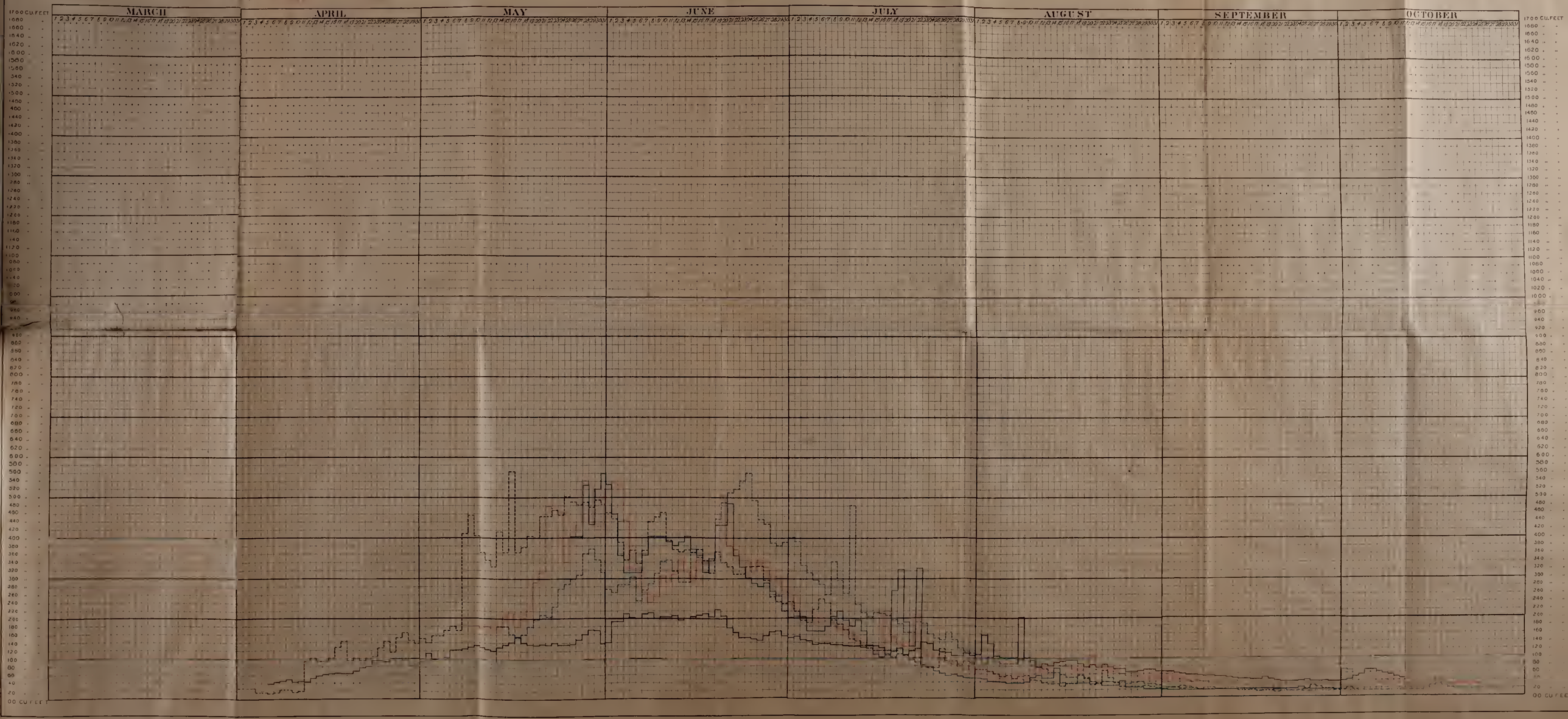


GRAPHICAL PRESENTATION
of the daily mean discharge, in cubic feet per second, of
BIG THOMPSON CREEK
STATE OF COLORADO

Gauging Station No 8
Established on Big Thompson Creek, Aug 25th 1887



Represents 1888
1891
1889
1892

GRAPHICAL PRESENTATION
of the daily mean discharge, in cubic feet per second, of
SOUTH BOULDER CREEK
STATE OF COLORADO.

Gauging Station No 9.
Established on South Boulder Creek Apr 28 1888