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FIFTH BIENNIAL REPORT  
OF THE  
STATE ENGINEER  
TO THE  
GOVERNOR OF COLORADO,  
FOR THE  
Years 1889 and 1890.

PART II.

PUBLISHED BY AUTHORITY.



FIFTH BIENNIAL REPORT

OF THE

STATE ENGINEER

TO THE

GOVERNOR OF COLORADO,

FOR THE

Years 1889 and 1890.

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PART II.

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DENVER, COLO.:  
THE COLLIER & CLEVELAND LITHOGRAPHING CO., PRINTERS -  
1890.



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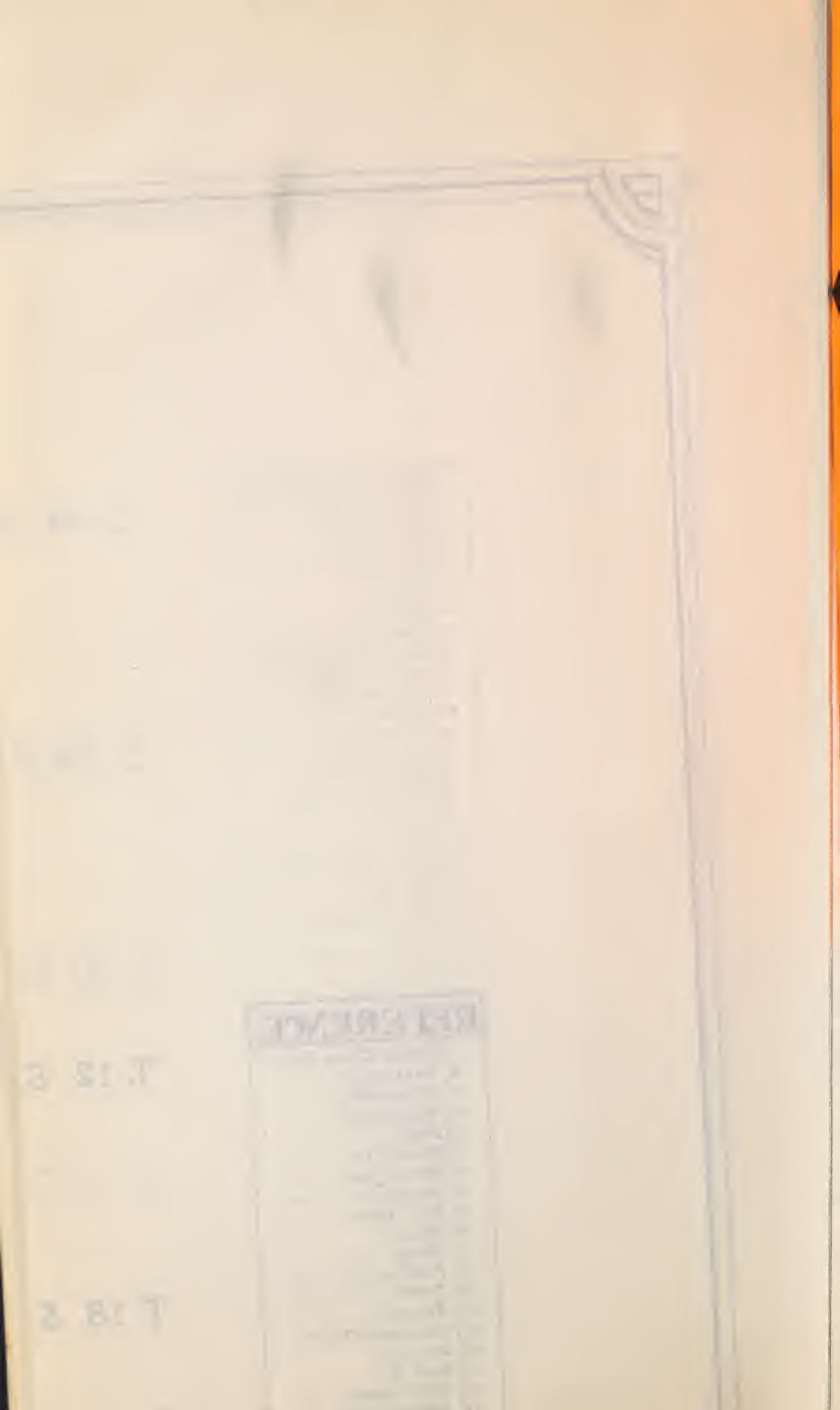
PLAT OF  
IRRIGATED PORTION OF  
WATER DISTRICT N<sup>o</sup> 23  
IN SOUTH PLATTE DIVISION (N<sup>o</sup> 1),  
STATE OF COLORADO.

Issued from the State Engineer's Office November 30<sup>th</sup>, 1890.  
Prepared from the Report of Water Commissioner M.R. Hanlin.

REFERENCE.

- 1 Nelson
- 2 John Radford
- 3 East Side
- 4 Garden
- 5 Radford-Wright
- 6 Hilly No 1
- 7 Thibberg
- 8 Hilly No 2
- 9 Blakely
- 10 Platte Station
- 11 Sander-Melje No 3
- 12 Sander-Melje No 2
- 13 Redman
- 14 Sander-Melje No 4
- 15 Sander-Melje No 5
- 16 Michels
- 17 Sacramento
- 18 Anderson No 4
- 19 Anderson No 3
- 20 Muller-Chapman
- 21 Outh
- 22 Park
- 23 O. J. Miller No 1
- 24 Pearl Upper
- 25 Pearl Lower
- 26 Four Mile Creek
- 27 Bennett
- 28 Spring Branch
- 29 Alcatraz
- 30 Rayner-Melje No 1
- 31 Rayner-Melje No 2
- 32 Rayner-Melje No 3
- 33 Rayner-Melje No 4
- 34 Rogers
- 35 Four Mile
- 36 Brown-Melje No 1
- 37 Brown-Melje No 2
- 38 Sander-Melje No 6
- 39 Thompson-Melje No 1
- 40 Burlingame No 2
- 41 Hubbard
- 42 Weaver No 2
- 43 Weaver No 3
- 44 Clappville
- 45 Burlingame No 3
- 46 Weaver No 1
- 47 Kester-Sweet
- 48 Hubbard No 2
- 49 Nelson High Creek
- 50 Rogers
- 51 Frankis
- 52 Pennington-Shawmeyer
- 53 Pennington-Shawmeyer No 2
- 54 Pennington-Shawmeyer No 3
- 55 Haver No 1
- 56 W.R. Head No 1
- 57 Haver No 2
- 58 Haver No 3
- 59 Salt Creek
- 60 Spring
- 61 Frank
- 62 Jefferson Lake
- 63 Randall-Nichols
- 64 Conemaugh
- 65 Henry
- 66 Schallenger
- 67 Demick
- 68 Lafae No 2
- 69 Oiler Gulch
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ARKANSAS DIVISION (No. 2),  
STATE OF COLORADO.  
ISSUED FROM THE STATE ENGINEER'S OFFICE NOVEMBER 30th, 1890.



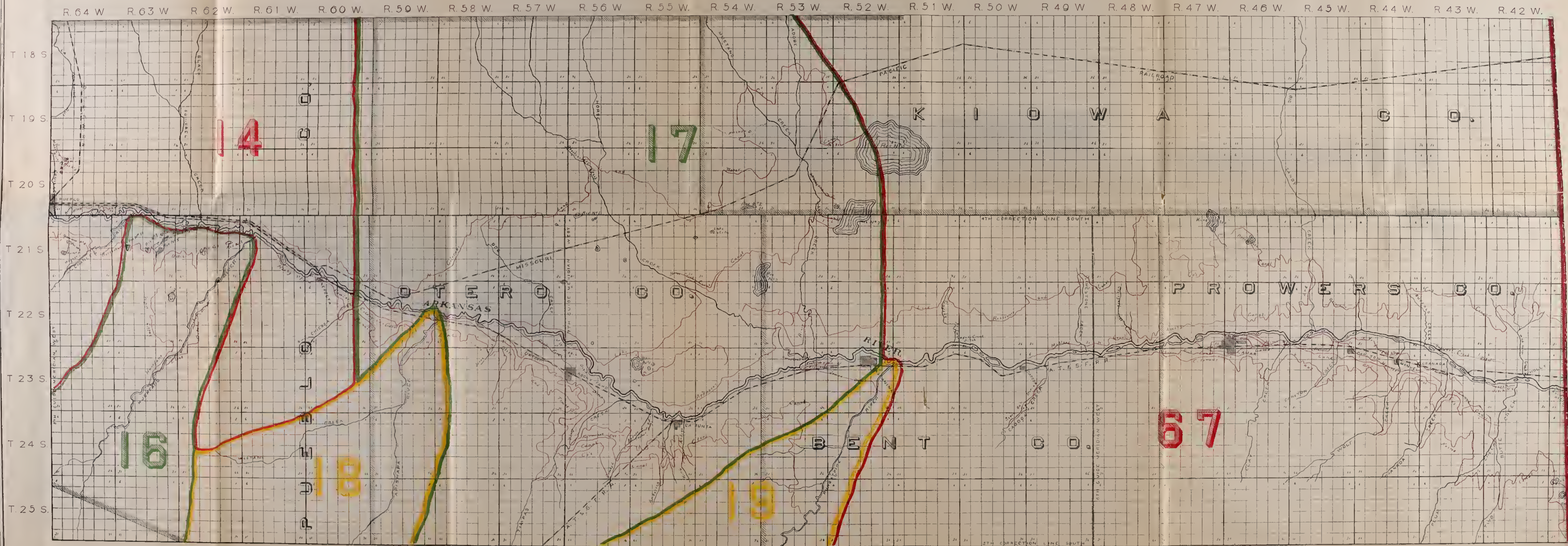






PLAT OF  
THE ARKANSAS VALLEY  
INCLUDING PORTIONS OF WATER DISTRICTS N<sup>o</sup> 14, 16, 17, 18, 19 AND 67  
IN ARKANSAS DIVISION (N<sup>o</sup> 2),  
STATE OF COLORADO.

Issued from the State Engineer's Office November 30TH, 1890.  
Prepared from data on file in the State Engineer's Office



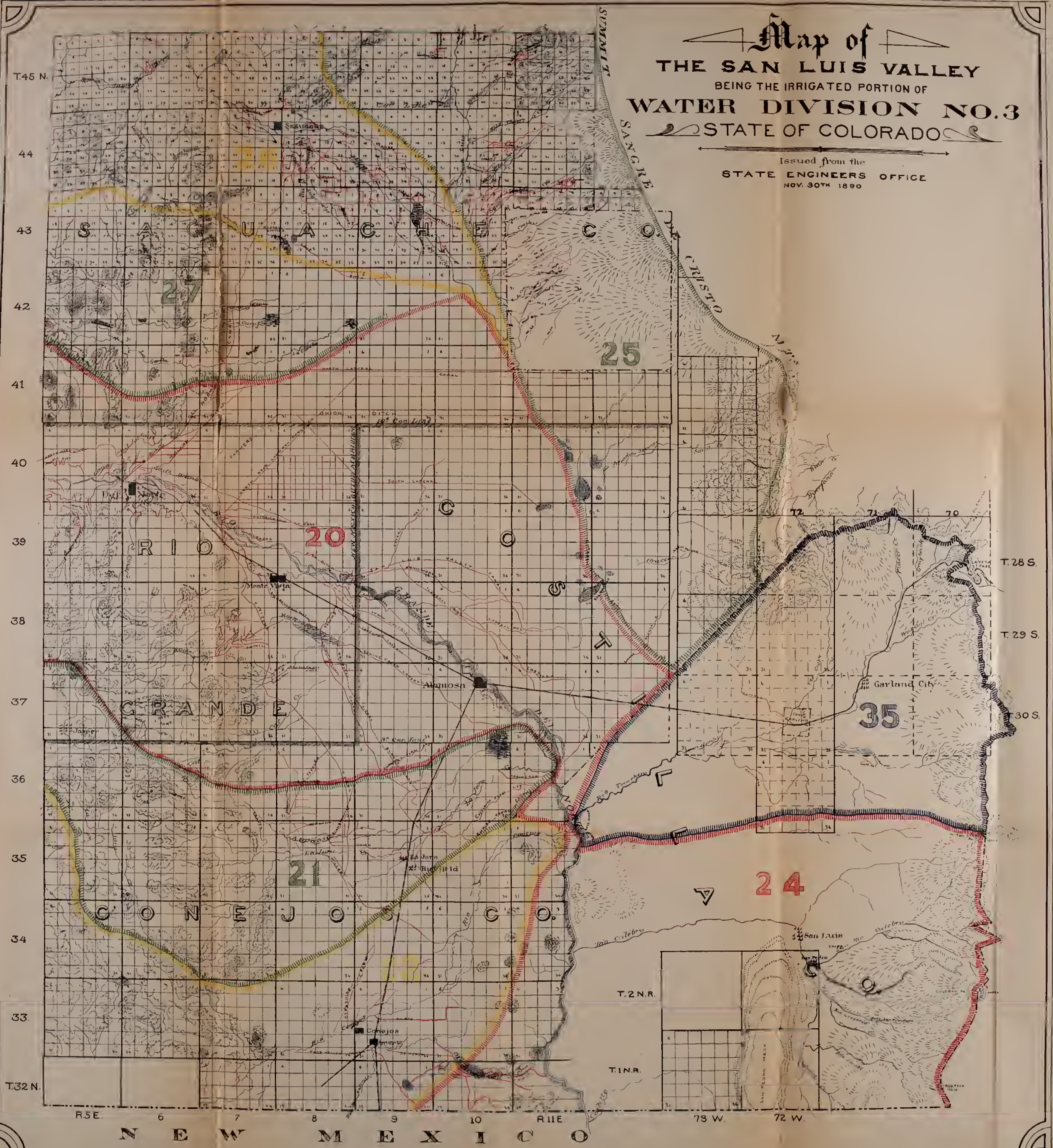






Map of  
THE SAN LUIS VALLEY  
BEING THE IRRIGATED PORTION OF  
WATER DIVISION NO.3  
STATE OF COLORADO

Issued from the  
STATE ENGINEERS OFFICE  
NOV. 30TH 1890









# PLAT OF IRRIGATED PORTION OF WATER DISTRICT No. 38.

GRAND RIVER DIVISION (No. 5)

STATE OF COLORADO.

ISSUED FROM THE STATE ENGINEERS OFFICE NOVEMBER 30th, 1890.



## REFERENCE.

- 1 Baller Ditch
- 2 Bassett
- 3 Buffalo
- 4 Buck Farm
- 5 E M
- 6 Coulter West Side Ditch
- 7 Crystal Lake
- 8 Co. L High Line
- 9 Dearing
- 10 East High Line
- 11 Lagerlan
- 12 " No 1
- 13 " No 2
- 14 Fender
- 15 Gibson
- 16 Grass & Sheds
- 17 Gray Crystal
- 18 Groin
- 19 Hardwick
- 20 Highland No. 2
- 21 High Line
- 22 Home Supply
- 23 Hughes
- 24 Hunt Spring
- 25 H & C
- 26 H & S High Line
- 27 Kramer
- 28 Lake Park
- 29 Lignite
- 30 Lower Thompson
- 31 Lower Grove
- 32 Naen
- 33 Mc Donnell No 1
- 34 " No 2
- 35 " No 3
- 36 Mc Ken
- 37 Middle Grace
- 38 M J
- 39 Miller No 1
- 40 " No 2
- 41 Morrison
- 42 Nedham
- 43 Nestall
- 44 Napier Reservoir
- 45 Pease Ditch
- 46 Rulofsen No 1
- 47 " No 2
- 48 Rees, Jr. & Grand River
- 49 Roberson
- 50 Rodden
- 51 Sloas
- 52 Smith No 1
- 53 " No 2
- 54 Somers
- 55 Southards-Cavanaugh
- 56 Strong No 1
- 57 " No 2
- 58 Teller Waste Water
- 59 Thomas No 1
- 60 Twisp
- 61 Van Cleave No 1
- 62 " No 2
- 63 Walters
- 64 Walther
- 65 West High Line
- 66 West Side
- 67 Williams No 1
- 68 " No 2
- 69 " No 3
- 70 " No 4
- 71 " No 5
- 72 Yank Ditch





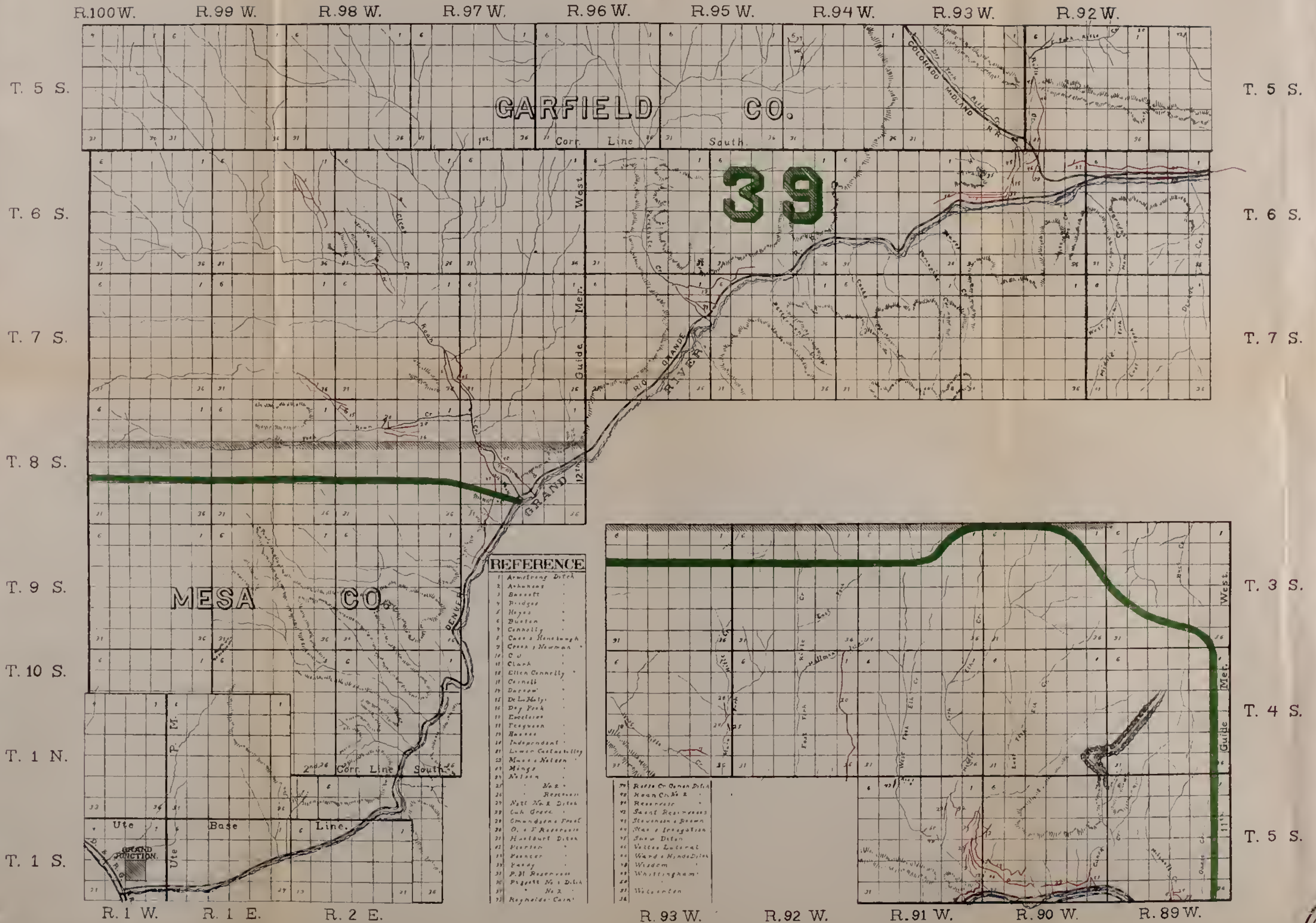


PLAT OF  
IRRIGATED PORTION OF WATER DISTRICT No. 39.

GRAND RIVER DIVISION (No. 5.)

STATE OF COLORADO.

ISSUED FROM THE STATE ENGINEER'S OFFICE NOVEMBER 30th, 1890.







PLAT OF  
IRRIGATED PORTION OF WATER DISTRICT No. 45

GRAND RIVER DIVISION No. 5.

STATE OF COLORADO

ISSUED FROM THE STATE ENGINEER'S OFFICE NOV. 30 1890

Prepared from the Report of Water Commissioner James T. McAdams

REFERENCE

1. The Spring Creek Ditch
2. 15th Grant
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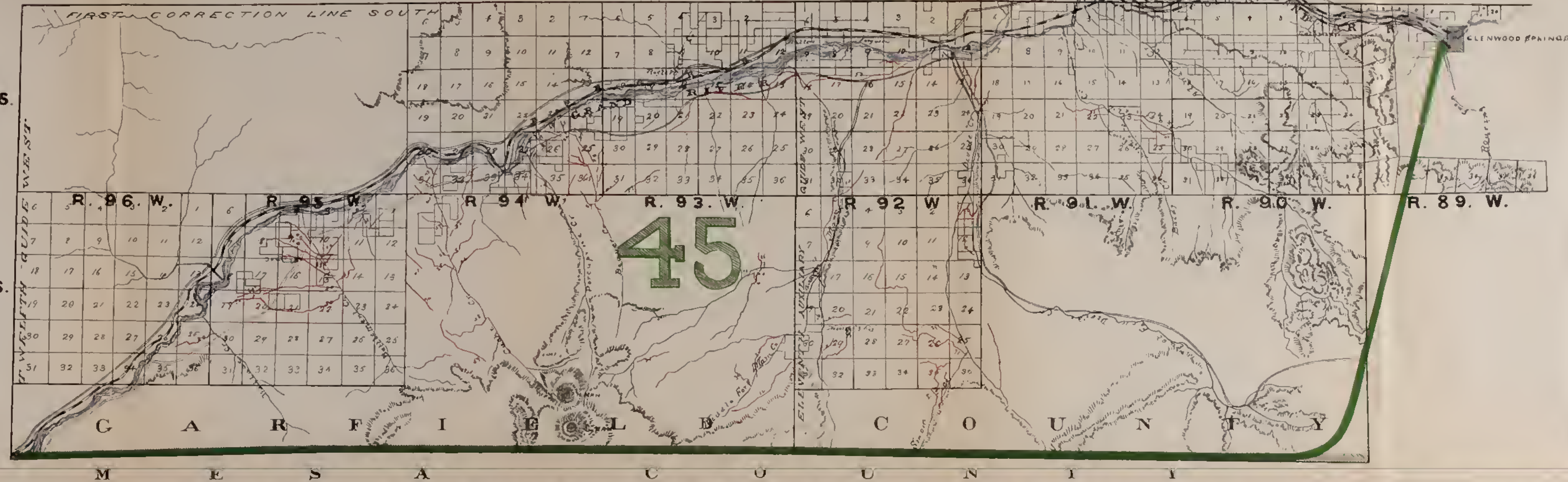
REFERENCE

81. The Spring Creek Ditch
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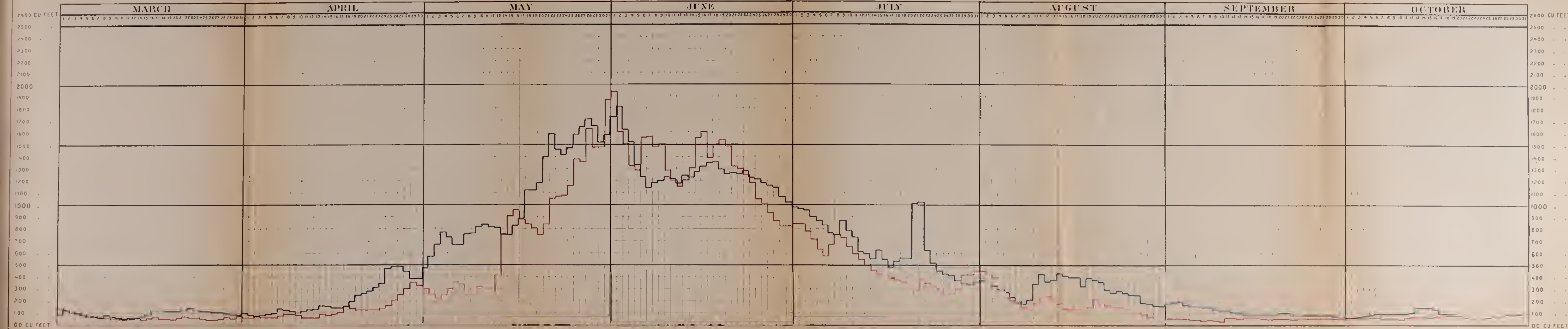






Represents 1889  
1890

GRAPHICAL PRESENTATION  
of the daily mean discharge, in cubic feet per second, of  
**CACHE LA POUDRE RIVER**  
STATE OF COLORADO  
*For Seasons of 1889-1890*



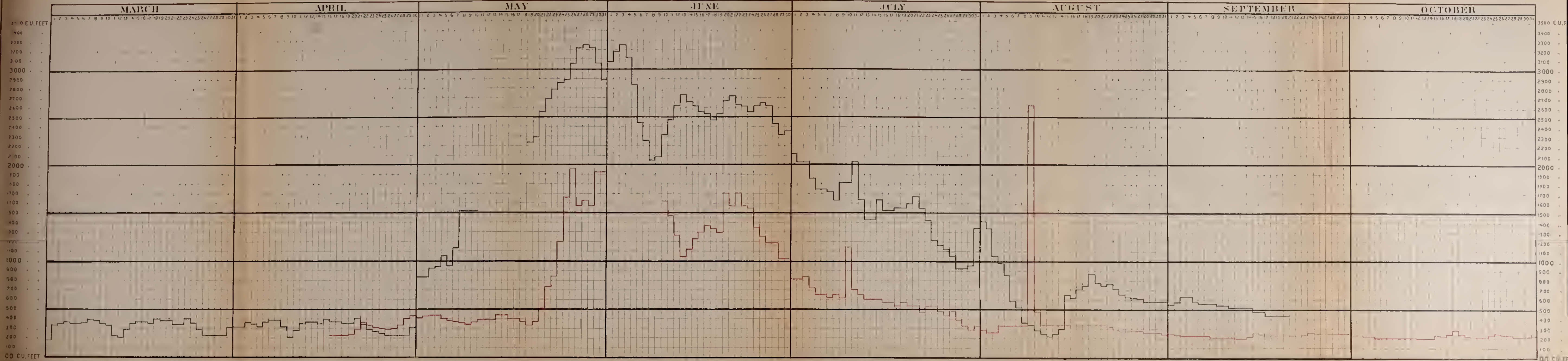




Represents 1889  
1890

GRAPHICAL PRESENTATION  
of the daily mean discharge, in cubic feet per second, of  
**THE ARKANSAS RIVER,**  
STATE OF COLORADO.  
*For Seasons of 1889-1890*

Gauging Station No 2  
Established on Arkansas River at Canon City August 8th 1888



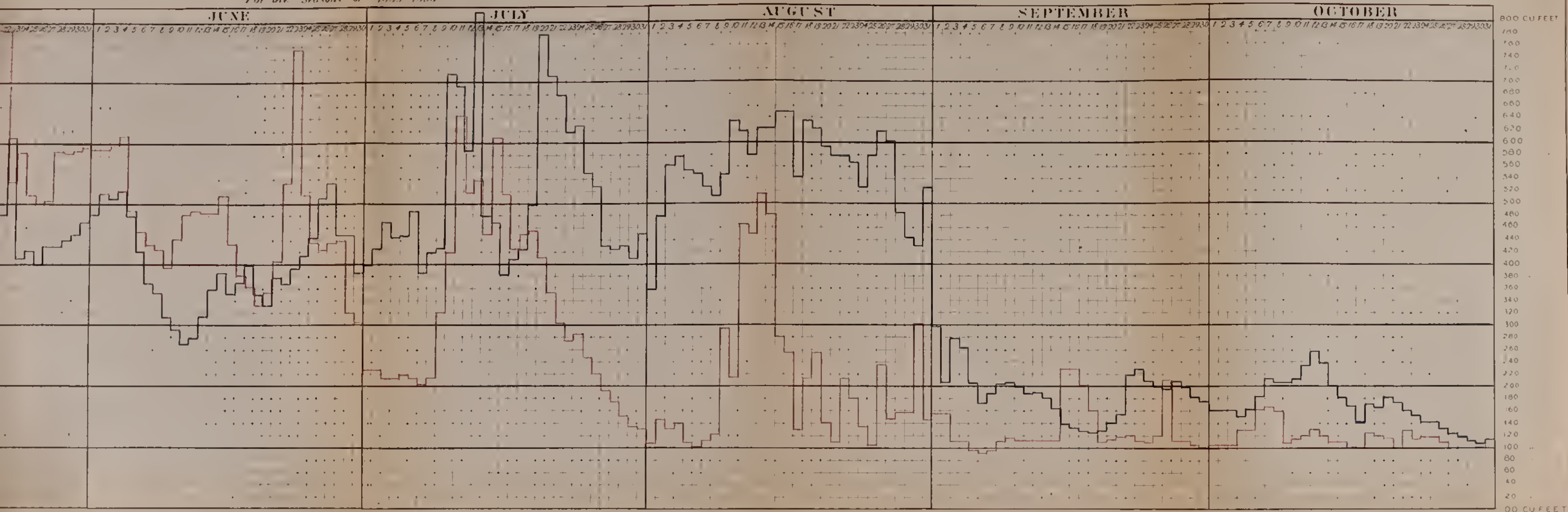




GRAPHICAL PRESENTATION  
of the daily mean discharge, in cubic feet per second, through cañon of  
**SOUTH PLATTE RIVER**  
STATE OF COLORADO.

For the Seasons of 1889-1890

Gauging Station N<sup>o</sup> 23  
Established on South Platte River July 12<sup>th</sup> 1887.



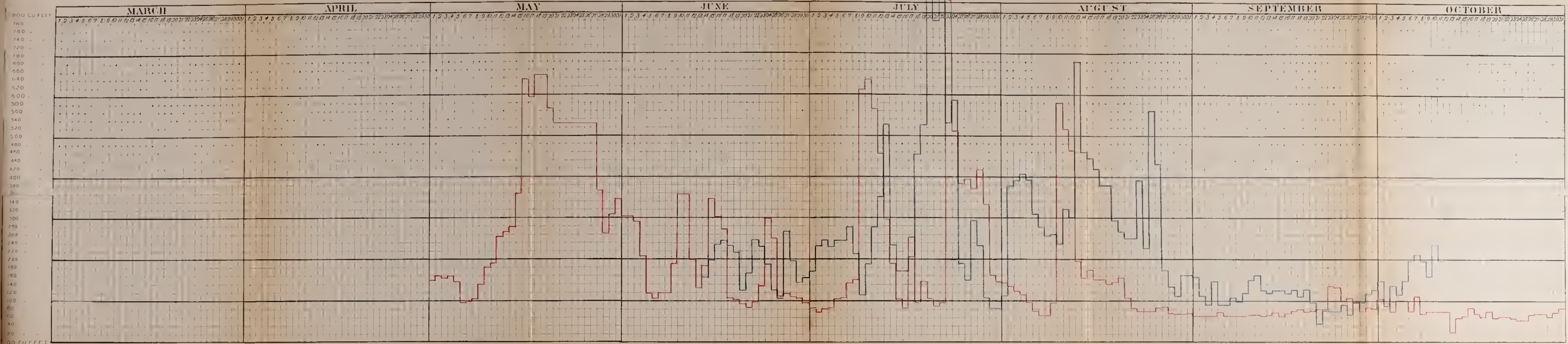




Represents 1881  
" 1890

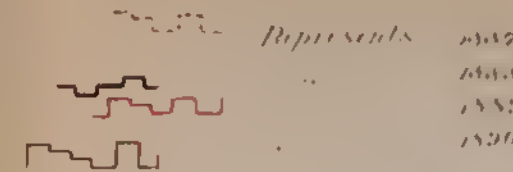
GRAPHICAL PRESENTATION  
of the daily mean discharge, in cubic feet per second, passing lower of  
**SOUTH PLATTE RIVER**  
STATE OF COLORADO.  
For the Seasons of 1881-1890

Gauging Station No. 3 B.  
Established on South Platte River May 1<sup>st</sup> 1882



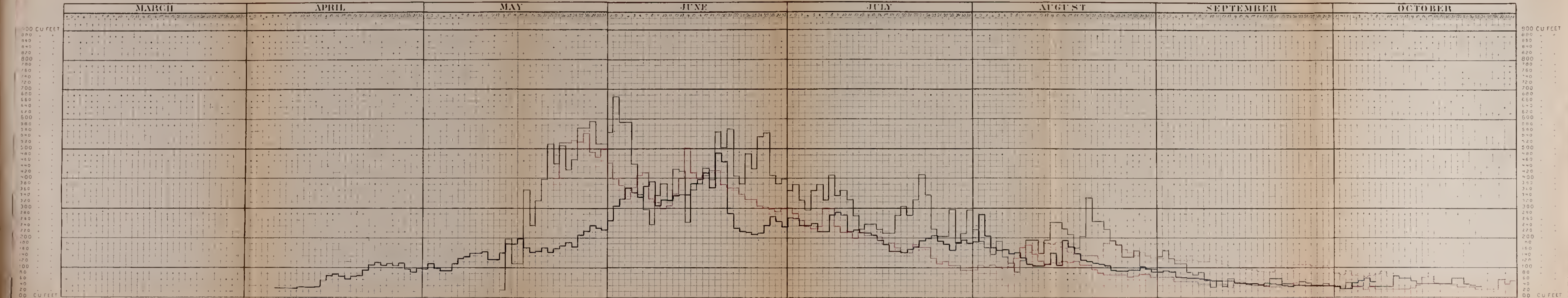






GRAPHICAL PRESENTATION  
of the daily mean discharge in cubic feet per second, of  
**ST. VRAIN CREEK**  
STATE OF COLORADO  
For the Seasons of 1887-1888-1889-1890

Gauging Station No. 1  
Established on St. Vrain Creek July 9 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 1889-1890

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

Represents 1887  
" " 1888  
" " 1889  
" " 1890







 Represents 1887  
 1888  
 1889  
 1890

GRAPHICAL PRESENTATION  
 of the daily mean discharge, in cubic feet per second, of  
**BOULDER CREEK**  
 STATE OF COLORADO  
 For the Seasons of 1887-1888-1889-1890

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

900 CU. FEET  
 880  
 860  
 840  
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 00 CU. FEET



120000 CU. FT.

900 CU. FEET  
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 00 CU. FEET






 Represents  
 1887  
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 1889  
 1890

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

For the Seasons of 1887-1888 1889-1890

Gauging Station No. 28  
 Established on Big Thompson Creek Aug 25<sup>th</sup> 1887





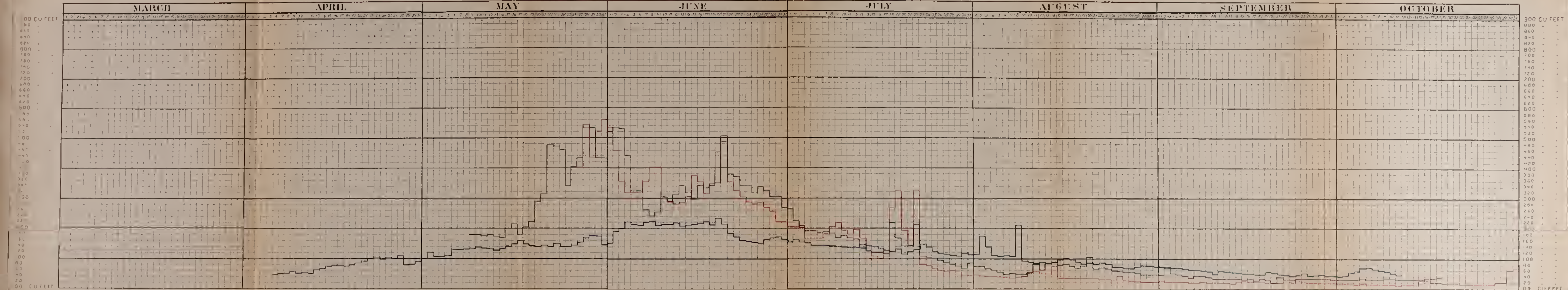


GRAPHICAL PRESENTATION  
of the daily mean discharge, in cubic feet per second, of  
**SOUTH BOULDER CREEK**  
STATE OF COLORADO.

For the Seasons of 1888-1889-1890

Gauging Station N<sup>o</sup> 9.  
Established on South Boulder Creek Apr. 6<sup>th</sup> 1888

Represents 1888  
" 1889  
" 1890







GRAPHICAL PRESENTATION  
of the daily mean discharge, in cubic feet per second, of  
**THE RIO GRANDE DEL NORTE**  
STATE OF COLORADO.  
For the Seasons of - 1889-1890

Gauging Station Established at Del Norte





Represents 1890

GRAPHICAL PRESENTATION  
of the daily mean discharge, in cubic feet per second, of  
**THE UNCOMPAIGRE RIVER**  
STATE OF COLORADO  
For the Seasons of 1890

Gauging Station No. 1  
Established June 24<sup>th</sup> 1890











