STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

REPORTS OF THE
DIVISION OF WATER RESOURCES
EDWARD HYATT, STATE ENGINEER

REPORT ON

WATER MASTER SERVICE

ON

CEDAR CREEK

MODOC COUNTY, CALIFORNIA

FOR THE SEASON OF 1937

BY

J. W. McPartland
Deputy Water Master

Sacramento, California
December, 1938

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December 28, 1938

Mr. Harold Conkling
Deputy State Engineer
Sacramento, California

Attention: Mr. Gordon Zander
Supervising Hydraulic Engineer

Dear Sir:

There is transmitted herewith a report covering the water distribution work of the water master in the Cedar Creek Water Master District, Modoc County, California, during the period April 19th to July 25th, 1937.

The report describes the methods and practices followed in the distribution of the waters of Cedar Creek in accordance with the provisions of the decrees in the cases of W. E. Hill, et al., vs. Herman Acty, et al., and D. H. Lighty vs. John R. Cook, et al., and presents the results obtained under the distribution.

Respectfully submitted,

J. W. McPartland
Deputy Water Master

ORGANIZATION

EARL LEE KELLY	DIRECTOR OF PUBLIC WORKS
EDWARD HYATT	STATE ENGINEER
HAROLD CONKLING	DEPUTY STATE ENGINEER

GORDON ZANDER

SUPERVISING HYDRAULIC ENGINEER

T. Russel Simpson	Senior Hydraulic Engineer
J. W. McPartland	Deputy Water Master

GENERAL DESCRIPTION OF WORK

Water master service was continued in the Cedar Creek Water Master District in 1937 in accordance with the provisions of Section 37a of the Water Commission Act. The service was commenced on April 1st and terminated on July 25th, 1937.

The work of water distribution in the Cedar Creek Water Master District was done by J. W. McPartland, Deputy Water Master for the entire season, under the direction of T. R. Simpson, Supervising Water Master.

All ditches in the Cedar Creek Water Master District, including the Thomas Creek Ditch, were opened during the 1937 season with all users irrigating whenever water was available for use.

Rotation was practiced the latter part of May between the Hughs and Hill Ranches on lower Cedar Creek. During the entire season, Kerr and Wallace pooled their respective amounts.

DISCUSSION OF RESULTS

Table 1 contains the precipitation data at Cedarville. The monthly and seasonal precipitation for the period of water master service in Surprise Valley and a comparison of the 1936-37 seasonal precipitation with the 1894-1937 mean are also shown in the table. The 1936-37 record shows the precipitation of that season as 77.9 per cent of the mean.

Table 2 contains the results of the snow surveys made annually at the three courses in the upper Pit River Watershed. Considering the two snow courses on the Warner Range, namely, Eagle Peak and Cedar Peak, it is apparent that the 1937 snow surveys indicate that the water content of the snow on these two courses was 87.5 per cent and 97.4 per cent respectively of their respective deduced normals. A mean between these two figures is 92.5 per cent which should be indicative of the expected runoff from the Cedar Creek Watershed.

Table 3 is a tabulation of the water supply of Cedar Creek above all diversions for the 1937 season. This table includes the foreign water from Thomas Creek which is commingled with the Cedar Creek water in the upper reaches of the creek. The hydrograph at the end of the report shows graphically the water supply of Cedar Creek, including the foreign water, for the years 1932 and 1937, compared with the allotments.

The Thomas Creek Ditch was opened on May 1st diverting approximately 30%, which was increased to full allotment on the 15th; the flow diminished so that on June 12th the ditch was dry.

A two foot Parshall measuring flume was installed in the Thomas Creek Ditch at the summit of Cedar Pass the latter part of the 1937 season.

Crop yields on the lands irrigated from Cedar Creek were considerably lighter than those of the previous two years, due to the late commencement of the growing season.

The schedule of use was followed as closely as possible during the season of 1937.

VIOLATION OF DECREE AND CONTROVERSIES

No violation of the decree occurred during the 1937 season.

Considerable dispute over the molesting of the waters of Cedar Creek by Jake Rechstiner occurred. The property owned by J. Rechstiner, being riparian to Cedar Creek, was not included in the original decrees on Cedar Creek.

On June 15th, 1937, an agreement determining the right of Jake Rechstiner to water and to the use thereof from Cedar Creek was signed by all water users and said agreement is made part of this report.

RECOMMENDATIONS

New headgates and measuring devices should be installed in all the ditches diverting from Cedar Creek, when time and material are available.

TABLES

TABLE 1

PRECIPITATION

Cedarville, California

Season	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Seasonal
1924-25	0.25	2.06	1.86	1.66	1.08	1.34	0.61	0.65	1.59	0.49	0.29	0.30	12.18
1925-26	1.34	1.57	1.31	1.25	1.06	1.18	.13	1.26	1.07	T	.09	.09	10.35
1926-27	.15	.53	2.73	1.16	1.82	2.02	1.73	.81	.95	.35	T	T	12.25
1927-28	.32	.86	2.87	.86	.92	.75	2.93	.81	T	.55	.00	.00	10.87
1928-29	.40	.15	1.43	.42	2.08	.59	1.20	1.85	.29	1.98	.00	T	10.39
1929-30	.07	.19	.00	3.02	3.39	1.53	.83	.51	.67	T	.02	T	10.23
1930-31	1.64	.59	1.22	.18	.67	.66	1.68	.58	.25	2.25	.00	.00	9.72
1031-32	.33	3.20	.96	1.85	2.23	.70	1.97	1.87	.53	.22	T	T	13.86
1932-33	T	.13	.78	1.20	1.31	.81	.63	.86	1.06	.26	.25	T	7.29
1933-34	.42	1.23	T	.87	1.37	1.44	.98	.19	.94	1.14	.00	.13	8.71
1934-35	.52	.61	2.01	.85	1.32	.73	1.67	2.94	.32	.00	T	.00	10.97
1935-36	.13	1.08	.42	1.48	5.60	2.31	1.38	.16	0.64	.41	.16	.10	13.87
1936-37	.59	T	.03	.57	1.93	2.17	1.57	1.18	.42	.72	.30	.00	9.48
Average 1925-1937	.47	.94	1.20	1.18	1.91	1.25	1.33	1.05	.67	.64	.09	.05	10.78
Mean 1894-1937	.54	1.03	1.50	1.48	1.74	1.51	1.47	.91	.92	.67	.21	.16	12.14
1936-37 in percent of total mean	4.9	0.0	0.0	4.7	15.9	17.9	12.9	9.7	3.5	5.9	2.5	0.0	77.9

TABLE 2

DIVISION OF WATER RESOURCES
SNOW SURVEY - UPPER PIT RIVER

	1930	1931	1932	1933	1934	1935	1936	1937
Eagle Peak Course - Elev. 7500 Ft.								
Date of Survey	4/3	4/1	3/30	3/30	4/2	4/10	4/9	3/29
Depth of Snow - Inches	24.3	13.3	43.8	38.1	9.9	66.1	52.0	47.3
Water Content - Inches	11.0	5.2	18.7	14.3	3.3	22.6	22.0	17.5
Density - Per cent	45.3	39.1	42.6	37.5	33.3	34.2	42.3	37.1
Deduced Normal Water Content								20.0
% of Deduced Normal	55.0	27.0	94.0	71.5	16.5	113.0	110.0	87.5
Record Average - In.								14.32
% of Record Average	78.0	36.3	131.0	100.0	23.0	158.0	154.0	122.0
Cedar Peak Course - Elev. 7200 Ft.								
Date of Survey	3/31	3/31	3/26	3/28	3/31	3/27	4/5	4/10
Depth of Snow - In.	29.3	22.1	49.2	43.9	2.2	56.4	68.2	54.2
Water Content - In.	13.0	8.0	19.8	16.3	0.9	21.1	26.2	21.6
Density - Per cent	44.4	37.6	40.3	37.1	40.8	37.4	38.4	40.0
Deduced Normal Water Content								22.2
% of Deduced Normal	58.7	36.1	88.4	73.4	4.1	98.2	118.0	97.4
Record Average - In.							15.9	
% of Record Average	82.0	50.4	118.0	102.5	5.7	133.0	165.0	136.0
Adin Mountain Course - Elev. 6500 Ft.								
Date of Survey	3/27	3/27	3/24	3/27	4/1	4/17	3/26	4/7
Depth of Snow - In.	13.3	6.1	30.0	37.6	0	45.9	47.2	37.4
Water Content - In.	6.1	2.9	13.3	14.1	0	18.8	20.0	16.7
Density - Per cent	45.6	47.3	44.3	37.5	0	40.9	42.3	44.8
Deduced Normal Water Content								16.1
% of Deduced Normal	37.9	18.0	82.5	87.6	0	116.6	124.3	104.0
Record Average - In.								11.5
% of Record Average	53.0	25.2	115.6	122.5	0	163.7	174.0	145.2

TABLE 3

ESTIMATED DAILY DISCHARGE IN CUBIC FEET PER SECOND
OF CEDAR CREEK INCLUDING DISCHARGE FROM THOMAS
CREEK DITCH FOR THE PERIOD APRIL 19th TO
JULY 25th, 1937

Day	April	May	June	July	
1		14.0	5.00	1.40	
2		14.5	4.90	1.30	
3		14.8	4.70	1.30	
4		15.0	4.60	1.30	
5		15.0	4.50	1.20	
6		15.2	4.40	1.20	
7		15.4	4.30	1.20	
8		15.6	4.20	1.10	
9		15.8	4.10	1.10	
10		16.0	4.00	1.00	
11		14.5	3.80	1.00	
12		13.6	3.60	1.00	
13		13.0	3.40	1.00	
14		14.0	3.20	1.00	
15		23.0	3.00	1.00	
16		22.0	2.80	.90	
17		20.0	2.60	.90	
18		18.0	2.40	.80	
19	14.2	16.5	2.20	.80	
20	14.6	15.0	2.00	.80	
21	14.0	14.5	2.00	.70	
22	15.0	13.4	1.90	.70	
23	14.5	11.9	1.90	.60	
24	14.0	10.00	1.80	.60	
25	14.0	9.00	1.80	.60	
26	13.8	8.50	1.70		
27	13.6	8.00	1.70		
28	13.6	7.50	1.60		
29	13.6	6.00	1.50		
30	14.0	6.50	1.40		
31		5.00			
Total Sec. Ft. Days	*168.9	421.2	91.0	**24.5	98 Day Period
Mean Sec. Ft.	14.1	13.6	3.03	.98	7.20
Maximum Sec. Ft	15.0	23.0	5.00	1.40	23.0
Minimum Sec. Ft.	13.6	5.00	1.40	.60	.60
Total Acre-Feet	335.	835.	180.	48.6	1399.

* 12 Day Period
** 25 Day Period

AGREEMENT DETERMINING RIGHT OF JAKE RECHSTEINER TO WATER AND TO THE USE THEREOF FROM CEDAR CREEK NEAR CEDARVILLE IN MODOC COUNTY, CALIFORNIA.

WHEREAS, L. E. McCULLEY, KOENIG BROS., F. L. WALLACE, J. F. KERR, J. L. TONEY, HERMAN ACTY, H. E. RINEHART, OLIVER CRAMTON, NORTON & MARSH, GRACE L. BEEBE, MARION RINEHART, H. O. HUGHES, W. E. HILL and H. L. HILL have and possess certain rights to water and the use thereof from Cedar Creek, near Cedarville, in Modoc County, State of California, which have been adjudicated in the Superior Court of said County and State in actions known as: W. E. HILL, et al., v. HERMAN ACTY, et al., Superior Court No. 2343 and D. H. LIGHTY v. JOHN E. COOK, et al., Superior Court No. 1206; and,

WHEREAS, by order of the State Engineer and Chief of the Division of Water Resources, Department of Public Works, State of California, made September 11th, 1929, a water district under section 37 of the Water Commission Act was created as the Cedar Creek Water District, Modoc County, California (now known as the Cedar Creek Water Master District) for the supervision of the distribution of water as adjudicated in said Superior Court actions; and,

WHEREAS, JAKE RECHSTEINER, has or claims to have certain rights to the water and the use thereof from said Cedar Creek; and,

WHEREAS, in order to settle and determine the said rights and priority thereof, of JAKE RECHSTEINER, as between the parties to this agreement; and, for the further purpose, that the lands and the said rights as herein settled and determined, of JAKE RECHSTEINER, may be included in said Cedar Creek Water Master District, and the distribution of water under such rights be supervised

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as provided in sections 37 to 37-h-, inclusive, of said Water Commission Act, (Statutes 1913, Chapter 586, as amended):

NOW THEREFORE IT IS HEREBY AGREED by and between each, every and all of the parties hereunto subscribed that the right and priority of right of JAKE RECHSTEINER to water and the use thereof from Cedar Creek, near Cedarville, in Modoc County, California, shall be and is hereby settled and determined, as between the parties hereto, as follows:

1. The rights adjudicated in the beforementioned Superior Court actions, the names of the present owners, and the lands of said owners within the Cedar Creek District are as follows:

(1) HERMAN ACTY - 3.00 cubic feet per second

NW¼ Section 4, T. 42 N., R. 16 E., M.D.B. & M.

(2) GRACE L. BEEBE - 2.60 cubic feet per second

NE¼ NE¼ Section 4, T. 42 N., R. 16 E., M.D.B. & M.
N 1/2 NW¼ Section 3, T. 42 N., R. 16 E., M.D.B. & M.
Fractional NE¼ Section 3, T. 42 N., R. 16 E., M.D.B. & M.
Fractional S 1/2 S 1/2 Section 34, T. 43 N., R. 16 E., M.D.B. & M.

(3) OLIVER CRAMPTON - 1.40 cubic feet per second

Fractional N 1/2 S 1/2 Section 3, T. 42 N., R. 16 E., M.D.B. & M.

(4) HARRY L. HILL - 0.90 cubic foot per second

Lot 1 of Section 34, T. 43 N., R. 16 E., M.D.B. & M.

(5) W. E. HILL - 0.20 cubic foot per second

N 1/2 NE¼ Section 33, T. 43 N., R. 16 E., M.D.B. & M.

(6) H. O. HUGHES - 1.10 cubic feet per second

S 1/2 N 1/2 Section 33, T. 43 N., R. 16 E., M.D.B. & M.

(7) KOENIG BROS - 0.50 cubic foot per second.

S 1/2 NE¼ SE¼ Section 6, T. 42 N., R. 16 E., M.D.B. & M.

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(8) L. E. McCULLEY - 5.00 cubic feet per second

NW¼ Section 9, T. 42 N., R. 16 E., M. D. B. & M.
E 1/2 NE¼ Section 8, T. 42 N., R. 16 E., M.D.B. & M.
SE¼ NW¼ NE¼ Section 8, T. 42 N., R. 16 E., M.D.B. & M.
All of SW¼ NE¼ Section 8, except W 1/2 W 1/2 SW¼ of said SW¼ NE¼, in T. 42 N., R. 16 E., M.D.B. & M.

(9) NORTON AND MARSH - 2.30 cubic feet per second

S 1/2 NE¼ Section 4, T. 42 N., R. 16 E., M.D.B. & M.
S 1/2 NW¼ Section 3, T. 42 N., R. 16 E., M.D.B. & M.

(10) H. E. RINEHART - 0.80 cubic foot per second

N 1/2 SE¼ Section 4, T. 42 N., R. 16 E., M.D.B. & M.

(11) MARION W. RINEHART - 2.50 cubic feet per second

N 1/2 S 1/2 Section 33, T. 43 N., R. 16 E., M.D.B. & M.
Fractional N 1/2 SW¼ Section 34, T. 43 N., R. 16 E., M.D.B.& M.
Fractional S 1/2 NW¼ Section 34, T. 43 N., R. 16 E., M.D.B.& M.

(12) J. F. KERR and F. L. WALLACE - 3.05 cubic feet per second

NE¼ Section 6, T. 42 N., R. 16 E., M.D.B. & M.
NW¼ SE¼ Section 6, T. 42 N., R. 16 E., M.D.B. & M.
N 1/2 NE¼ SE¼ Section 6, T. 42 N., R. 16 E., M.D.B. & M.

(13) J. L. TONEY - 1.00 cubic foot per second

All of SE¼ NW¼ Section 5, except one acre in the northeast corner thereof, in T. 42 N., R. 16 E., M.D.B. & M.
All of NE¼ SW¼ Section 5, except E 1/2 SE¼ of said NE¼ SW¼, in T. 42 N., R. 16 E., M.D.B. & M.

(14) F. L. WALLACE - 2.73 cubic feet per second

SW¼ NW¼ Section 5, T. 42 N., R. 16 E., M.D.B. & M.
NW¼ SW¼ Section 5, T. 42 N., R. 16 E., M.D.B. & M.

(15) J. F. KERR - 1.82 cubic feet per second

SE¼ Section 5, T. 42 N., R. 16 E., M.D.B. & M.

2. That each and all of the adjudicated rights, listed above, are prior to any right of said JAKE RECHSTEINER to water or the use thereof from said Cedar Creek.

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3. That subject to said prior rights, said JAKE RECHSTEINER, as between the parties hereto, is entitled to divert from the natural flow of said Cedar Creek 1.50 cubic feet per second for beneficial use on the following described land:

S 1/2 SW¼ Section 33, T. 43 N., R. 16 E., M.D.B. & M.

4. That said JAKE RECHSTEINER agrees that his said lands and rights to water and use thereof from said Cedar Creek as herein determined and settled, shall be included in said Cedar Creek Water Master District, and the distribution of said water supervised as provided in Sections 37 to 37 h, inclusive of said Water Commission Act.

5. It is further agreed by and between all the parties, hereto, that this agreement shall be recorded in the office of the County Recorder of Modoc County, State of California, so that the said land and rights as herein settled and determined, of said JAKE RECHSTEINER may be included in said Cedar Creek Water Master District as provided in Section 37 to 37 h, inclusive, of said Water Commission Act.

IN WITNESS WHEREOF the parties hereto have affixed their hands this 15th day of June, 1936.

Witness to within signatures

J. W. McPartland

Jake Rechsteiner
J. F. Kerr
Kerr & Wallace
Herman Acty
H. O. Hughes
Harry L. Hill
H. E. Rinehart
Marion Rinehart by H. E. Rinehart
Norton and Marsh, by Delano E. Marsh
Grace L. Beebe
F. L. Wallace
O. Cramton
L. E. McCulley
F. W. Koenig for Koenig Bros.
W. E. Hill
J. L. Toney

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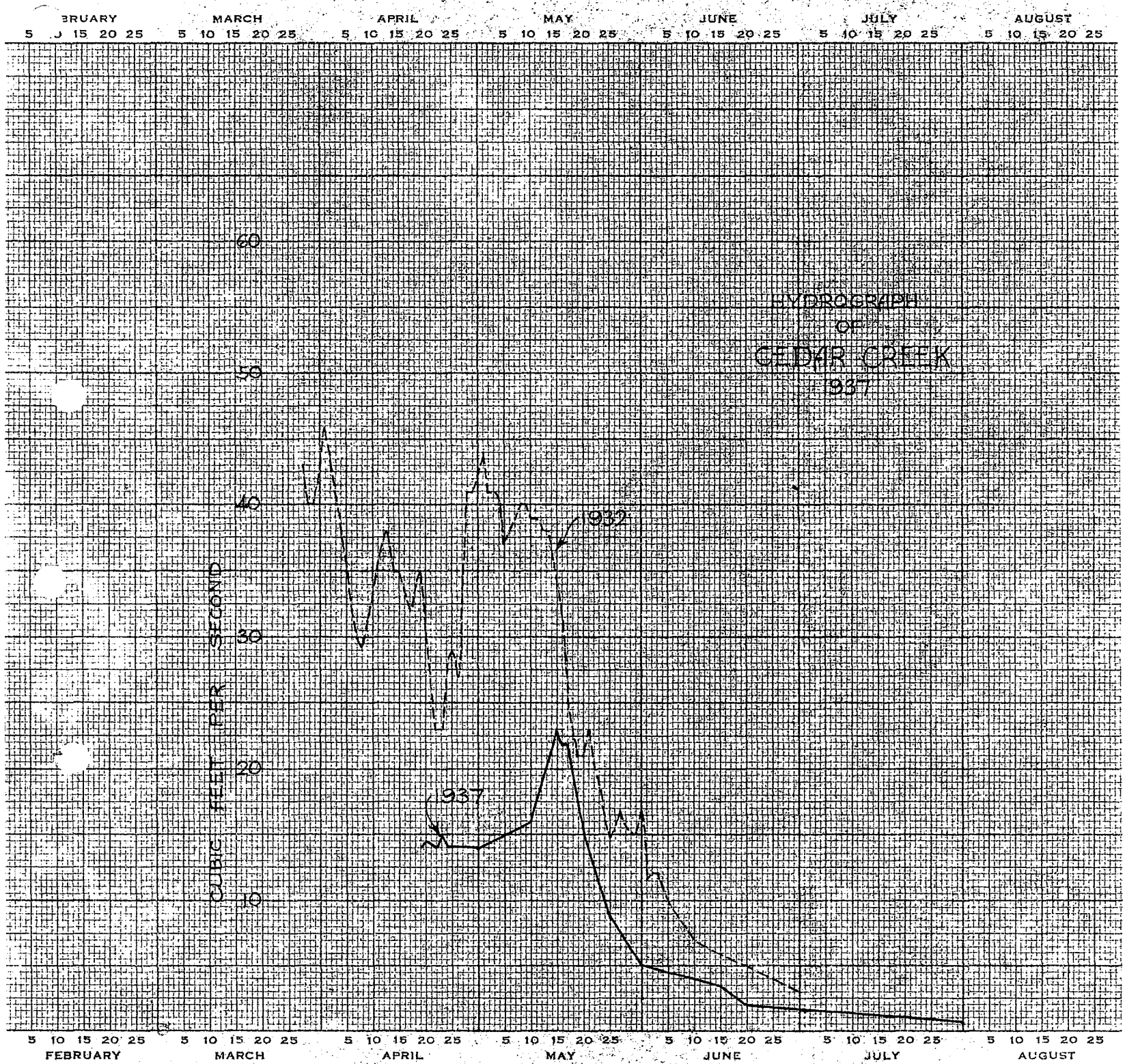
State of California,
County of Modoc, ss.

On this 15th day of June, 1937, before me, B. B. Robinson, A Notary Public for Modoc County, residing therein duly commissioned and sworn, personally appeared J. W. McPartland, known to me to be the person whose name is subscribed to the within instrument as a witness thereto, who being by me duly sworn, deposes and says, that he resides in the County of Modoc, State of California; that he was present and saw Jake Rechsteiner, J. F. Kerr, for Kerr & Wallace, Herman Acty, O. H. Hughes, Harry L. Hill, H. E. Rinehart and H. E. Rinehart, for Marion Rinehart, Delano Marsh, for Norton & Marsh, Grace L. Beebe, F. L. Wallace, O. Cramton, L. E. McCulley, F. W. Koenig, for Koenig Bros, W. E. Hill and J. L. Toney, personally known to me to be the persons described in, and who signed and executed the within and attached instrument as parties thereto, and that he personally saw them sign, execute and deliver the same, and that they duly acknowledged in the presence of him, that they executed the said instrument and agreement, and thereupon, and at the request of said parties, he subscribed his name as a witness thereto.

In Witness Whereof, I have hereunto set my hand and affixed my Official Seal, at my office the the County of Modoc, the day and year in this Certificate first above written.

B. B. Robinson
Notary Public for Modoc County, State of California.
Com. Expires, Jany 22, 1941.


HYDROGRAPH
OF
CEDAR CREEK
1937
1932
1937
CUBIC FEET PER SECOND
60
50
40
30
20
10
BRUARY
MARCH
APRIL
MAY
JUNE
JULY
AUGUST
5 10 15 20 25
FEBRUARY
MARCH
APRIL
MAY
JUNE
JULY
AUGUST

DEPARTMENT OF PUBLIC WORKS

STATE OF CALIFORNIA

REPORTS OF THE

DIVISION OF WATER RESOURCES

EDWARD HYATT, State Engineer

REPORT ON WATER MASTER SERVICE ON CEDAR CREEK MODOC COUNTY, CALIFORNIA 1934 SEASON

By LESLIE C. JOPSON, Water Master

Sacramento, California

March 1935

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TABLES:

1. Precipitation Data,
2. Estimated Daily Discharge in Cubic Feet per Second of Cedar Creek including Discharge from Thoms Creek Ditch for the period March 21st to April 30, 1934.
3. Estimated Daily Discharge in Cubic Feet per Second of Thoms Creek Ditch into Cedar Creek for the period March 21st to April 30, 1934.
4. Water Deliveries on Cedar Creek compared with Allotments - 1934.

PLATE:

Hydrograph of Cedar Creek above all Diversions in 1932 and 1934.

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
SACRAMENTO

DIVISION OF WATER RESOURCES
401 PUBLIC WORKS BUILDING

EDWARD HYATT, STATE ENGINEER
CHIEF OF DIVISION

March 1, 1935

Mr. Harold Conkling,
Deputy State Engineer,
Sacramento, California

Attention: Mr. Gordon Zander
Supervising Hydraulic Engineer

Dear Sir:

There is submitted herewith a report covering the water distribution work of the water master in the Cedar Creek Water Master District, Modoc County, California, during the period from March 21st to April 30, 1934.

The report describes the methods and practices followed in the distribution of the waters of Cedar Creek in accordance with the provisions of the decrees in the cases of W. E. Hill, et al., vs. Herman Acty, et al., and D. H. Lighty vs. John R. Cook, et al., and presents the results obtained under the distribution.

Respectfully submitted,

LESLIE C. JOPSON

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ORGANIZATION

Earl Lee Kelly	Director of Public Works
Edward Hyatt	State Engineer
Harold Conkling	Deputy State Engineer

GORDON ZANDER

Supervising Hydraulic Engineer

T. Russel Simpson	Senior Hydraulic Engineer
Leslie C. Jopson	Water Master
J. W. McPartland	Deputy Water Master

GENERAL DESCRIPTION OF WORK

Water master service was continued in the Cedar Creek Water Master District in 1934 in accordance with the provisions of Section 37a of the Water Commission Act. The service was commenced for the season on March 21st and terminated on April 30, 1934.

Mr. Leslie C. Jopson, Water Master, handled the distribution of the waters of Cedar Creek in conjunction with other Surprise Valley streams.

All the ditches on the creek, except the Toney North and Acty Ditches, were open for a few days the latter part of March. The second priority users all received some water at this time except W. E. and Harry Hill above whom the channel is badly filled with debris. There is generally some opposition to opening up the channel but the owners of the Hill Ranches must do it if they receive water directly from the Creek. Otherwise, they must wait for the water to flood across the Smalls Ranch.

Water was available for the second priority rights for too short a period in 1934 to permit the use of a rotation schedule.

DISCUSSION OF RESULTS FOR SEASON

Table 1 contains the precipitation data for Cedarville. The monthly and seasonal precipitation for the period of water master service in Surprise Valley and a comparison of the 1933-34 seasonal precipitation with the 1894-1934 mean are shown in this table. The 1933-34 record shows the precipitation of that season as 70.3 per cent of the mean.

Table 2 is a tabulation of the water supply of Cedar Creek above all diversion for the 1934 season. This table includes the foreign water from Thoms Creek which is commingled with the Cedar Creek water in the upper reaches of the creek. The hydrograph at the end of the report shows graphically the water supply of Cedar Creek, including foreign water, for the years 1932 and 1934, compared with the allotments. The 1932 water supply has been included in the hydrograph as an indicator of approximately normal conditions.

Table 3 is a tabulation of the estimated flow of the Thoms Creek Ditch at the summit of Cedar Pass.

Table 4 is a tabulation of the amounts of water delivered to each priority class during the periods shown. The table also shows the per cent of total allotments delivered during the indicated periods. The maximum amount delivered during the periods shown was 28 per cent of the total allotment and the minimum was 9 per cent. Subsequent to the period covered by this report the creek was observed to have dropped to no delivery.

There was no crop census taken in 1934 as there was a complete crop failure on most of the ranches and only a small return on the others.

CONTROVERSIES

There were no controversies of importance in 1934.

RECOMMENDATIONS

An entire set of measuring devices should be constructed on Cedar Creek at the earliest possible date, also headgates where necessary.

FINANCIAL STATEMENT

The funds collected from the water users in the Cedar Creek Water Master District, to defray the expenses of water master service, are placed to the credit of the Cedar Creek Water Master District fund by the State Treasurer.

The State contributes an amount to the fund equal to that contributed by the water users. These funds are then drawn on by the Division of Water Resources to meet the costs of water master service.

FINANCIAL STATEMENT

CEDAR CREEK WATER DISTRICT FUND

JANUARY 1, 1935

RECEIPTS

Balance as of January 1, 1934	$187.61	
Contributed by State in 1934	100.00	
Contributed by Taxpayers (Jan. 1/34 to Jan. 1/35)	97.83	
	385.44	$385.44

DISBURSEMENTS
(Jan. 1/34 to Jan. 1/35)

Water Master Compensation	107.16	
Water Master Travel Expense	34.34	
Contingencies		
	141.50	141.50
BALANCE		243.94

T A B L E S

TABLE 1

PRECIPITATION

Cedarville, California

Season	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Seasonal
1924-25	0.25	2.06	1.86	1.66	1.08	1.34	0.61	0.65	1.59	0.49	0.29	0.30	12.18
1925-26	1.34	1.57	1.31	1.25	1.06	1.18	.13	1.26	1.07	T	.09	.09	10.35
1926-27	.15	.53	2.73	1.16	1.82	2.02	1.73	.81	.95	.35	T	T	12.25
1927-28	.32	.86	2.87	.86	.92	.75	2.93	.81	T	.55	.00	.00	10.87
1928-29	.40	.15	1.43	.42	2.08	.59	1.20	1.85	.29	1.98	.00	T	10.39
1929-30	.07	.19	.00	3.02	3.39	1.53	.83	.51	.67	T	.02	T	10.23
1930-31	1.64	.59	1.22	.18	.67	.66	1.68	.58	.25	2.25	.00	.00	9.72
1931-32	.33	3.20	.96	1.85	2.23	.70	1.97	1.87	.53	.22	T	T	13.86
1932-33	T	.13	.78	1.20	1.31	.81	.63	.86	1.06	.26	.25	T	7.33
1933-34	.42	1.23	T	.87	1.37	1.44	.98	.19	.94	1.14	.00	.13	8.71
Mean 1894 to 1934	.56	.98	1.59	1.54	1.74	1.52	1.47	.91	1.00	.68	.22	.17	12.38
1933-34 in per cent of total mean	3.4	10.0	0.0	7.0	11.1	11.6	7.9	1.5	7.6	9.2	0.00	1.0	70.3

TABLE 2

ESTIMATED DAILY DISCHARGE IN CUBIC FEET PER SECOND OF CEDAR CREEK INCLUDING DISCHARGE FROM THOMS CREEK DITCH FOR THE PERIOD MARCH 21st to APRIL 30, 1934

Day	March	April	May	June	
1	No Record	12.5	No Record	No Record	
2		12.0			
3		11.0			
4		9.50			
5		8.80			
6		8.10			
7		7.50			
8		6.60			
9		5.30			
10		5.10			
11		4.90			
12		4.80			
13		4.70			
14		4.60			
15		4.50			
16		4.20			
17		3.90			
18		3.60			
19		3.35			
20		3.10			
21	3.50	2.90			
22	3.40	2.70			
23	3.40	2.50			
24	3.30	2.40			
25	9.00	2.30			
26	4.50	2.20			
27	6.50	2.10			
28	12.0	2.00			
29	18.0	1.90			
30	14.4	2.00			
31	13.8	--			
Total Sec. Feet Days	91.80	151.05			41 Day Period
Mean Sec. Feet	8.35	5.03			5.92
Maximum Sec. Feet	18.0	12.5			18.0
Minimum Sec. Feet	3.30	1.90			1.90
Total Acre Feet	182.	300.			482.

TABLE 3

ESTIMATED DAILY DISCHARGE IN CUBIC FEET PER SECOND
OF THOMS CREEK DITCH INTO CEDAR CREEK FOR THE PERIOD
MARCH 21 to APRIL 30, 1934

Day	March	April	May	June	
1	No Record	1.60	No Flow	No Flow	
2		1.60			
3		1.40			
4		1.30			
5		1.20			
6		1.10			
7		1.10			
8		.90			
9		.70			
10		.70			
11		.70			
12		.60			
13		.60			
14		.60			
15		.60			
16		.50			
17		.40			
18		.30			
19		.30			
20		.25			
21	0.80	.25			
22	.80	.20			
23	.80	.20			
24	.80	.15			
25	1.00	.15			
26	1.00	.10			
27	1.00	.10			
28	1.00	.10			
29	1.60	.10			
30	1.60	.10			
31	1.60	--			
Total Sec. Feet Days	12.00	17.90			41 Day Period
Mean Sec. Feet	1.09	.60			0.73
Maximum Sec. Feet	1.60	1.60			1.60
Minimum Sec. Feet	.80	.10			.10
Total Acre Feet	23.8	35.5			59.3

TABLE 4

WATER DELIVERIES ON CEDAR CREEK COMPARED WITH ALLOTMENTS - 1934

Period	Average daily discharge including Thoms Creek Ditch, c.f.s.	Cedar Creek						Thoms Creek	
		Average channel loss c.f.s.	Average combined diversions c.f.s.	Per cent of full allotments delivered				Average combined diversions c.f.s.	Per cent of allotments delivered 5.00 c.f.s.
				First Priority 5.00 c.f.s.	Second Priority 15.00 c.f.s.	Third Priority 3.90 c.f.s.	Total 23.90 c.f.s.		
3/21 to 3/30	7.80	1.50	5.26	69	12	0	22	1.04	.21
3/31 to 4/9	9/51	1.50	6.76	60	25	0	28	1.25	.25
4/10 to 4/19	4.36	.25	3.58	72	0	0	15	.53	.11
4/20 to 4/29	2.41	.20	2.05	41	0	0	9	.16	.03
Mean	6.02	.86	4.41	60	9	0	18	.74	.15

PLATES