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BULLETIN No. 21-K

REPORT
ON
IRRIGATION DISTRICTS
IN
CALIFORNIA

For the Year 1939



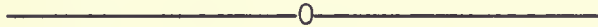
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ORGANIZATION

CULBERT L. OLSONGovernor of California
FRANK W. CLARK Director of Public Works
EDWARD HYATT State Engineer



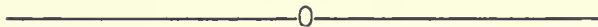
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FOREWORD

This publication is one of a series of annual reports issued by the Division of Water Resources to cover the activities of districts formed under the California Irrigation District Act. Previous reports are printed in Bulletin No. 21, published in 1929, and its supplements 21-A to 21-J inclusive containing subsequent data. Bulletin 21-K is the twelfth report of the series and presents information collected for the year 1939.

The material has been compiled largely from reports submitted by individual districts to the California Districts Securities Commission, and from records on file in the office of the State Engineer. Figures have been carefully checked and are believed to be substantially correct although there may be minor inaccuracies, in certain cases. It will be appreciated if any discrepancies noted are brought to our attention in order that corrections may be made in later reports.

The bulletins are issued for the purpose of preserving in convenient form the annual records of these organizations. They also serve to supply information to the public regarding the operations and financial transactions of the districts in general. An expression of appreciation is extended by this office to irrigation district officials and others who assisted in gathering the information for publication.

REVIEW OF DISTRICT OPERATIONS

A survey of statistical information gathered on California Irrigation Districts for the year 1939 indicates in general a season of successful operations. Annual reports were received and analyzed from eighty-four active districts. There were no new districts organized during this period. One inactive district was dissolved.

Reorganization and refinancing programs that had been in progress by a number of districts were continued, but final settlement in most cases awaited confirmation of plans by the Federal Courts. Favorable decisions for the districts rendered by the U. S. District Courts had been appealed.

Seventy-three of the districts listed had a total of \$90,240,000 in outstanding bonds. The Reconstruction Finance Corporation held \$36,648,600 of the old securities and \$3,504,700 in new refunding issues as evidence of loans advanced to thirty-three districts for refinancing purposes.

Thirty-four districts reported a total of 16,607 acres of land sold back to private ownership and restored to the assessment rolls during the year. The average percentage of delinquency in payment of assessments for all districts as a group was slightly higher than that reported the year before,

but was only 11.5 per cent as computed by the total amount of tax certificates sold.

The total revenue collected by districts from all sources was \$15,058,800, while total expenditures were listed as \$13,895,900 during the year.

The total cropped area in all districts reporting was 1,828,600 acres, of which 1,733,600 acres were irrigated and 95,000 acres were dry farmed. There were also 288,000 irrigated acres reported double cropped making a total of 2,021,600 irrigated acres harvested during the year.

The Growing Season of 1939

Considering the great variety of crops and wide distribution of producing areas in California, the growing season of 1939 was at least up to average.

Vegetation received a late start because of a cold winter and cold early spring. The season was also marked by a deficiency of rainfall over the central and northern parts of the state, although rainfall in the southern counties was not so far below the local normals.

Total precipitation for the state as recorded by the U. S. Weather Bureau was only 67 per cent, and total snowfall 89 per cent of the 43-year average. The deficiency in rainfall was greatest during the first two and last two months of the year. Snowfall was moderately heavy during the first

three months, but little fell thereafter.

Summer irrigation waters were less than desired in some localities although most of the plantings within the irrigation districts were well supplied. The effects of soil moisture shortages were more in evidence in those areas that did not depend on summer irrigation to mature their crops.

On the whole favorable weather conditions outweighed unfavorable ones. Temperatures were generally moderate during the long growing season and crop yields were classed as fair to good at harvest time.

Farm Operations

A review of statistics gathered by the California Cooperative Crop Reporting Service for 1939 indicates in general a successful season of farm operations in all branches of the industry.

Most fruits came into blossom quite early. There were no large losses from spring frosts, rain interference at blossom time, nor extreme destruction from plant diseases or insects. Total fruit and nut production was a little less in tonnage than that obtained the previous year, but the total farm value was about 15 per cent greater because of better prices received.

The major field crops produced in 1939 had a value about 12 per cent in excess of the corresponding total for

1938, but income from this group of crops still remained at a comparatively low level. The total acreage harvested was slightly less than that reported the previous year. Production volume was high, despite deficient seasonal rainfall over much of the state, and higher prices received for several crops accounted for the increase in total value.

Cotton growers made a new high average yield per acre that stood out as phenomenal. The average yield for the state as a whole was equivalent to 648 pounds of lint per acre, the highest annual average attained since cotton became an important crop.

Vegetable and melon crops in 1939 showed a greater total value of production, but the increased income was due to larger planted acreage rather than to higher unit returns. The growers had few highly profitable crops, although production per acre held close to the average. Lettuce continued to be the most valuable crop produced, with tomatoes, cantaloupes, asparagus and peas ranking in the order named.

Range and pasture conditions during the year were unfavorable in many sections due to the light rainfall. Adverse conditions were more pronounced in the northern and central parts of the state, but conditions did not become acute. Stock men found it necessary to use large quantities of hay and supplemental feeds to maintain animals up until mid-winter.

Feed supplies were abundant, however, and prices not excessive, although operating costs were substantially increased by lack of green pasture.

The total marketings of California cattle in 1939 were less than in either of the two preceding years. Shipments to other states were small. Ordinarily California operators ship in a large volume of feeders from other states, but such inshipments were lower than for 1938 or 1937.

After the turn of the year general rains and extremely mild weather brought on new feed at lower elevations and offset to a degree the adverse factors prevailing during the late fall months of 1939.

IRRIGATION DISTRICTS ASSOCIATION

The Irrigation Districts Association of California was formed about 1910 for the purpose of furthering the interests of various types of districts engaged in the distribution of water for irrigation. It now has a membership of over one hundred such districts operating primarily under the Irrigation District Act, but including also county water districts, water districts and reclamation districts, located in thirty-five counties of the state. The purposes of the association are to strengthen the districts legally, financially, and economically, and it takes an active interest in legislation affecting their welfare. Two meetings of the association are usually held each year for discussion of matters of common interest to the organizations.

Meeting at Sacramento

The first meeting in 1939 was held March 9th and 10th, at Sacramento. Subjects under review included a number of important decisions of the Supreme Court affecting rights and privileges of irrigation districts. The Association had filed briefs as amicus curiae in each case because of the interest of all districts in the matters at issue.

The refinancing of districts, and composition proceedings under the National Bankruptcy Act were discussed.

The favorable decision of the U. S. District Court in the bankruptcy proceedings of Merced Irrigation District, rendered January 10, 1939, was regarded of particular importance, and as setting a precedent for similar pending cases of other districts.

Proposed Federal flood control projects in cooperation with the state and its political subdivisions were matters of interest to many districts. A resolution was passed approving the flood control policy adopted by the California State Chamber of Commerce on December 2, 1938. The committee on flood control was enlarged to more adequately represent all sections of the state.

Consideration was given to a large number of bills affecting irrigation districts that had been introduced in the State Legislature, then in session at Sacramento. The Association went on record as approving or disapproving each of the measures as they were taken up.

Meeting at San Francisco

The second regular meeting of the Association convened in San Francisco October 19th and 20th, 1939, at which time a report was made on certain new laws and amendments to district acts that had been passed by the last Legislature and were then in effect.

A paper was presented on the methods and practice of assessing lands and fixing water tolls to provide irrigation district revenues. Discussion brought out the wide variation of policies in force by different districts. Stress was laid upon the importance of fixing equitable valuations on the land for assessment purposes. A combination of assessments for bond service, and water tolls for operating expenses was found to best meet requirements of many areas.

A report was made by the committee on flood control. The Association adopted a resolution endorsing and approving the investigation and survey of streams in California, for flood control purposes, by the United States Army Engineers and recommended that such dams and other control works found advisable be constructed by the Federal Government.

The State Engineer addressed the convention reviewing the activities of his office affecting the districts and also outlined the progress of the Central Valley Project.

DISTRICTS SECURITIES COMMISSION

The present District Securities Commission composed of five members succeeded to the powers and duties of the former Bond Certification Commission with the passage of a new act in 1931.

The activities of the Commission in connection with the issuance, certification, sale and refunding of irrigation district bonds are covered by sections 30 to 32f of the Irrigation District Act and by provisions of the Districts Securities Commission Act itself. Several other types of districts organized and existing under laws of the State whose primary functions are the irrigation, reclamation or drainage of lands, may also request Commission approval of their bonds for certification as legal investments for public funds and other specified purposes.

Investigations and Reports by Commission

The Irrigation District Act provides that before the board of directors of an irrigation district may call an election for the issuance of bonds to raise funds for construction or acquisition of works, it must first submit plans and estimates of cost to the Districts Securities Commission for a report on the feasibility of the undertaking. After making an investigation, if the Commission deems it advisable

that plans be modified, or the amount of the proposed bond issue changed, or that certain conditions should be prescribed to insure success of the project, or that in its opinion it is not advisable to proceed with the proposed bond issue, a report to that effect is made to the board of directors.

Supervision of Expenditures from Bond Proceeds

After bonds have been issued and certified as provided in the act, no liability may be incurred by a district until a schedule of proposed expenditures from the proceeds has been filed with and approved by the Commission. No expenditure may be made for any purpose not specified in the schedule, nor for any approved purpose in excess of the amount allowed in such schedule, without obtaining prior consent of the Commission.

During the progress of any work to be paid for from the proceeds of a certified bond issue, the State Engineer on behalf of the Commission is required to make from time to time such inspections of the project as may be necessary in order to determine that the plans approved by the Commission are being carried out without material modification.

Whenever the plans of a district provide that the works necessary for a completed project shall be constructed progressively over a period of years in accordance with a schedule adopted by resolution of the board of directors, the bonds so voted and certified, or any portion of them, shall

only be sold after prior written approval of the Commission.

Control and Direction of Districts in Default

Since passage of the new act in 1931 a large proportion of the work of the Commission has been in connection with the reorganization and refinancing of districts in default. Section 11 of the District Securities Commission Act, as amended, provides that whenever the revenues that can be raised by a district are insufficient to meet bond principal or interest payments and the district defaults to the extent of 50 per cent of the amount due, the defaulting district may under certain conditions come under the control and direction of the Commission. Thereafter such district continues to operate under the Commission's guidance until the amount that can be raised by annual assessment, together with all other revenues, is sufficient to pay off any matured or unrefunded obligation. In fixing assessments, with approval of the Commission, the district may levy only for such total amounts as appear reasonably possible for the lands to pay without exceeding a delinquency of 15 per cent.

This section was adopted as an emergency measure at the Legislative Session of 1933 and was designed to check the pyramiding of delinquencies that occurred during the depression, when the burden of succeeding annual assessments threatened the confiscation of lands through the process of tax sales. Each

legislature has since extended the life of the provision, which now runs until November 1, 1941. The terms remain essentially the same as when it was first enacted, except that the extent of delinquency necessary before a district may come under Commission control was raised from 20 to 50 per cent at the Legislative Session of 1939.

Districts Operating under Provision of Section Eleven

Twenty-eight defaulting districts have operated under the provisions of Section 11 since it was enacted. Thirteen of these districts have been successful in refinancing their outstanding debts or making other adjustments and are no longer under supervision of the Commission.

Fifteen districts were still operating under Commission control at the close of the year. A number of them were well advanced toward completion of their refunding programs. Loans received from the Reconstruction Finance Corporation had been disbursed to take up a large percentage of the old securities at a discount, and suits were pending in the U. S. District Courts for confirmation of plans of debt composition in order that terms might be made applicable to nonassenting bondholders as well as those who favored reorganization.

The following tables list the districts showing the manner in which defaults were corrected, and the status of those that were still in the process of completing their reorganization plans.

DISTRICTS CURED OF DEFAULT
AFTER OPERATING UNDER SUPERVISION OF THE COMMISSION

District	Period under Com- mission	Manner of Default Correction
Alpaugh -----	1934-35	Through loan from RFC @ 48c/\$
Big Springs -----	1933-37	Through loan from RFC @ 42c/\$
Carmichael -----	1933-38	Through loan from RFC @ 65c/\$ plus 10c from district funds Total 75c/\$
Cordua -----	1933-34	Through loan from RFC @ 39c/\$
Fairoaks -----	1934-38	Through loan from RFC @ 75c/\$ plus 15c from district funds Total 90c/\$
Jacinto -----	1933-35	Through loan from RFC @ 60 ¹ / ₂ c/\$
La Mesa, L.G. & S.V.	1933-34	Through loan from RFC @ 65c/\$
Newport Mesa -----	1936-37	Through agreement with bond- holders for temporary reduc- tion of interest.
Oakdale -----	1934-37	Through loan from RFC @ 50c/\$
San Dieguito -----	1933-37	Through loan from RFC @ 52c/\$
Santa Fe -----	1933-36	Through loan from RFC @ 52 ¹ / ₂ c/\$ plus 1c from district funds - Total 53.5c/\$
West Side -----	1933-39	Through loan from RFC @ 50c/\$

DISTRICTS OPERATING UNDER THE COMMISSION
DURING THE YEAR 1939

District	Bonds Outstanding	Status as of January 2, 1940
Banta Carbona -----	\$1,137,060	:Loan from RFC 59¢/\$ plus 2¢ from :district funds - Total 61¢/\$. Over: :90% of loan disbursed on this basis:
Byron-Bethany -----	569,000	:Loan from RFC 65¢/\$ plus 5¢ from :district funds - Total 70¢/\$. Over: :92% of loan disbursed on this basis:
Corcoran -----	733,000	:Loan from RFC 66¢/\$ plus 9¢ from :district funds - Total 75¢/\$. Over: :92% of loan disbursed on this basis:
El Camino -----	423,000	:Loan refused by RFC. Operation :costs so high that consummation of :acceptable plan is doubtful.
Grenada -----	136,000	:Loan obtained by issuance of war- :rants sufficient to pay 18¢/\$. All :bonds cancelled except \$14,000 in :escrow.
James -----	995,000	:Loan from RFC 25¢/\$. Over 92% of :loan disbursed on this basis. RFC :holds \$965,000 of old bonds.
Lindsay-Strathmore	1,427,000	:Loan from RFC 60¢/\$. Over 88% of :loan disbursed on this basis. RFC :holds \$1,262,500 of old bonds.
Merced -----	16,191,000	:Loan from RFC 51½¢/\$. Over 87% of :loan disbursed on this basis. RFC :holds \$14,732,000 of old bonds.
Montague -----	1,395,000	:Loan refused by RFC. Plan under :consideration for issuance of war- :rants in exchange for bonds, based :on ability to pay.
Naglee-Burk -----	186,000	:Loan from RFC 32¢/\$. About 76% of :bonds deposited in acceptance. No :disbursal has been made.
Oroville-Wyandotte	1,095,000	:Loan from RFC 35¢/\$. Over 94% of :loan disbursed on this basis. RFC :holds \$1,080,000 of old bonds.
Provident -----	957,000	:Loan from RFC 20¢/\$. About 80% of :bonds deposited in acceptance. Dis- :bursal has not been made.
Thermalito -----	320,000	:Loan from RFC 37½¢/\$. Over 88% of :loan disbursed on this basis. RFC :holds \$309,000 of old bonds.
Tracy-Clover -----	52,170	:Loan from RFC, 35½¢/\$. Over 90% of :loan disbursed on this basis. RFC :holds \$47,170 of old bond issue
Waterford -----	631,925	:Loan from RFC 49¢/\$ plus 10½¢/\$:from district funds - Total 59½¢/\$: :About 88% of bonds deposited in :acceptance. Plan awaits confirma- :tion by Federal courts.

DEFAULTING DISTRICTS
NOT OPERATING UNDER COMMISSION

District	Bonds Outstanding	Status as of January 2, 1940
Anderson-Cottonwood	\$ 1,121,000	:Loan from RFC authorized sufficient to pay 30¢/\$, plus :1.2¢/\$ from district funds - Total 31.2¢/\$. Proposal ac- :cepted by 85% of bondholders. Completion of project de- :pendent on confirmation of plan by Federal courts.
Baxter Creek -----	511,000	:Loan refused by RFC. All efforts to refinance have failed :Irrigation works badly deteriorated. Water right applica- :tions cancelled. District inactive.
Butte Valley -----	594,000	:Loans from RFC authorized sufficient to pay 6¢/\$. Holders :of 85% of outstanding bonds have agreed to accept offer. :Completion dependent on confirmation of play by Federal :Courts.
Compton-Delevan ----	384,000	:District has taken tax deed to all of the lands. Negoti- :ations with bond holders is underway.
El Dorad -----	688,000	:Loan from RFC sufficient to pay 50.5¢/\$. Over 91% of loan :disbursed on this basis. RFC holds \$664,000 of the old :bonds. Completion of project awaits confirmation of plan :by Federal courts.
Glenn-Colusa -----	1,248,000	:Loan from RFC sufficient to pay 56½¢/\$, plus 10½¢/\$ from :district funds. Total approximately 67½¢/\$. RFC holds :\$1,208,353 of the old bonds. Completion of project awaits :confirmation of plan by Federal courts.
Imperial -----	17,505,000	:Attempt to obtain acceptance of bondholders to modifica- :tion of previous refunding plan has been delayed by liti- :gation. It is anticipated that a sound reorganization will :be effected within the next two years.
Littlerock Creek ---	358,000	:Loan from RFC authorized sufficient to pay 29½¢/\$. Over :96% of loan disbursed on this basis. RFC holds \$355,200 of :the old bonds. Completion awaits confirmation of plan by :Federal courts.
Maxwell -----	234,000	:District has taken tax deed to all of the lands. All :bonds purchased and held by a pool of former land owners.
Newport Heights ----	150,400	:Loan from RFC sufficient to pay 62½¢/\$. Over 90% of loan :disbursed on this basis. RFC holds \$135,200 of the old :bonds. Completion of project awaits confirmation of plan :by Federal courts.
Palo Verde -----	4,174,330	:Loan from RFC sufficient to pay 25¢/\$. Over 97% of loan :disbursed on this basis. RFC holds \$4,061,830 of the old :bonds. Completion of project awaits confirmation of plan :by Federal courts.
Paradise -----	476,000	:Loan from RFC sufficient to pay 52½¢/\$. Over 92% of loan :disbursed on this basis. RFC holds \$447,000 of the old :bonds. Completion of project awaits confirmation of plan :by Federal courts.
South San Joaquin --	5,806,250	:Loan from RFC sufficient to pay 68½¢/\$, plus 5½¢/\$ from :district funds - Total 74¢/\$. Over 90% of loan disbursed :on this basis. RFC holds \$5,231,050 of the old bonds. Com- :pletion of project awaits confirmation of plan by Federal :courts.
Stinson -----	360,000	:Practically entire district area in one holding. Refinanc- :ing does not appear possible.
Table Mountain ----	187,000	:District defaulted in 1930. Refinancing does not appear :possible
Tule -----	806,000	:To date all efforts to refinance have failed. Irrigation :works badly deteriorated. District now inactive. Water :right applications cancelled.
Williams -----	562,000	:Williams Irrigation District merged with Glenn-Colusa Ir- :rigation District in 1923. Williams bonds have been in de- :fault since 1928. Refinancing does not appear possible.

DISTRICTS DISSOLVED IN 1939

Moorpark-Conejo Irrigation District in Ventura County, formed in 1925 without approval of the State Engineer, was dissolved by decree of the Superior Court of Ventura County on November 2, 1939.

The plans of this district contemplated the development of storage on the headwaters of Sespe and Piru Creeks tributary to the Santa Clara River. The scheme included the development of power and the conveyance of water from the north to the south side of the Santa Clara River Valley by means of a long inverted siphon terminating in a tunnel through South Mountain.

The project met with opposition on the part of water users from Sespe and Piru creeks, and also from land owners in the main Santa Clara Valley, who objected to diversions being carried outside of the natural drainage area. To settle the conflicting contentions that arose, an extensive investigation was finally undertaken by the Division of Water Resources, financed equally by Ventura County and the State, to determine whether it was possible to divert this water without detriment to the Santa Clara Valley interests. The investigation covered a period of five years in the field and was very complete.

The results of the study which were published in 1933 indicated that the reservoir sites proposed by the district were

less feasible than had been thought; that the water supply was considerably less than first estimated; that the power development was not practical; and that the cost of a conduit across Santa Clara Valley and through the mountain would be excessive.

Plans of the district were abandoned and its water right applications were cancelled without prejudice on August 7, 1934. No alternate plans were developed and the district remained inactive until its final dissolution was brought about. At the time of dissolution the district had no debts. A balance of some \$1400.00 remaining in the treasury together with other assets and effects were turned over to the County officials as provided by statute.

STATISTICAL INFORMATION

The tables following this section contain a summary of information reported for the year 1939. They cover field operations during that period and the financial status of each active irrigation district at the close of the year. A brief discussion of these tables brings out the changes that have taken place and compares total figures presented with those of previous reports.

Source of Supply, Storage and Distribution of Water

Table I gives the sources of water supply, capacities of reservoirs, water storage available for the season of 1939, the amount of water diverted by gravity and by district pumps, and the distribution of that water. Also listed are the number of district wells in operation, the horsepower installed for pumping and the average pumping lift.

There were twenty-one major storage reservoirs operated by irrigation districts during the season with a combined capacity of about 1,102,000 acre feet. The stored water available amounted to 950,300 acre feet or 86 per cent of the available reservoir capacity. The total amount of water diverted by all districts was reported as 7,934,400 acre feet, of which approximately 85½ per cent was by gravity, 9½ per cent by pumping from streams and 5 per cent by pumping from district wells.

The districts operated 321 irrigation wells and 337 drainage wells, and for all pumping operations reported an installation of 39,889 horsepower. The supply of water furnished by the districts was in some cases supplemented by private pumping, but no records are available as to the amounts of water obtained from the 12,151 private wells listed within district areas.

Irrigation District Crop Summary

Table II shows the gross and irrigable areas of 96 irrigation districts. It gives the irrigated and dry-cropped acreage reported for 1939 as well as a segregation of crops grown in the various areas. The estimated number of individual land holdings in each district is shown, and the amount of land that was held in district ownership by virtue of tax deeds as of January 1, 1940.

The districts listed contain a total of 3,505,093 acres, of which 2,915,820 acres, or 83 per cent, are considered to be irrigable land. The total number of separate holdings in these districts was reported to be 96,527 and over 59,500 are listed as farm holdings with a population of about 259,000.

The total area held by districts under tax deeds remained about the same as reported the year before. The percentage of the total area of all districts held under tax deed

on January 1, 1940, was 9.8 per cent as compared with 9.7 per cent the previous year. The apparent increase was due to added areas in districts not previously listed.

Many of the districts have been successful in disposing of these lands to new owners and getting them back on the tax rolls. In other cases the lands are leased by the districts on a cash or crop-share basis to meet a part of their bond service and operating costs.

The total cropped area in all districts reporting in 1939 was 1,828,671 acres of which 1,733,628 acres were irrigated and 95,043 acres were dry farmed. There were also 288,057 irrigated acres reported double cropped making a total of 2,021,685 irrigated acres harvested during the season. Approximately 60 per cent of the irrigable area was irrigated, this figure remaining about the same as that reported for the preceding year.

Following is a summary of the kind and acreage of irrigated crops including double crops reported for the season of 1939.

<u>Kind of Crop</u>	<u>Acres</u>	<u>Per cent of Total</u>
Alfalfa and Ladino Clover	449,693	22.2
Cotton	50,573	2.5
Rice	49,508	2.4
Grain and Grain Hay	281,834	14.0
Field and Truck	494,002	24.5
Grapes	126,772	6.3
Deciduous Fruits, Nuts, Olives	129,209	6.4
Citrus and Avocados	37,234	1.8
Irrigated Pasture	52,321	2.6
Not Segregated	<u>350,539</u>	<u>17.3</u>
Total	2,021,685	100.0

Assessments, Tax Certificates, Receipts and Expenditures

Table III sets up the principal sources and amounts of income for each active irrigation district. Assessments are usually payable in two installments and the total amounts due from all districts for the calendar year 1939, computed by taking half the sum of levies made for 1938-39 and 1939-40, was \$4,785,948. This was a decrease of \$55,860 in the computed amount levied for the previous calendar year.

A comparison of the total assessments levied during the past nine years and the apparent average delinquencies in payment as shown by the amount of tax certificates sold is given in the following table:

<u>Assessment Year</u>	<u>Total Assessments</u>	<u>Total Tax Certificates Sold</u>	<u>Average Per Cent of Delinquency</u>
1930-31	10,286,582	2,387,518	23
1931-32	9,794,594	3,748,372	38
1932-33	6,802,006	3,681,896	54
1933-34	4,535,253	1,589,926	35
1934-35	4,638,001	1,443,583	31
1935-36	5,167,802	746,207	14
1936-37	4,851,696	511,815	11
1937-38	4,896,779	478,085	10
1938-39	4,893,499	560,583	11.5

The total amount of tax certificates sold in 1939 was about 17 per cent more than reported for the preceding year. This marks a reversal of the trend of the past six years which has shown a steady decrease in the amount of tax certificates sold. The average delinquency for all districts as a group was 11.5 per cent in 1939, which is well within

the 15 per cent usually anticipated by districts in setting their annual assessment rates.

Collections from assessments, redemptions and penalties in 1939 amounted to \$4,855,570; water tolls and power sales were \$5,773,448; receipts from rentals, crop shares and miscellaneous sources added \$4,077,319; while return from sale of district owned land brought in \$352,489, making a grand total of \$15,058,826 collected from all sources during the year. Expenditures for all purposes during this same period were reported to be \$13,895,914 as shown by the last column of the table.

Bonds and Warrants

Table IV presents the status of irrigation district bonds and registered warrants outstanding on January 1, 1940. Seventy-three districts are listed with outstanding bonds and fifteen with interest bearing warrants. Thirty-one districts still show overdue and unpaid obligations in some amount although in twenty of these cases refinancing loans have been made by the Reconstruction Finance Corporation and final settlements are pending confirmation of plans by the courts.

The tabulation shows the amount of bonds sold, refunded, paid and outstanding as well as the amounts of principal and interest of the old issues in default.

Where loans from the R.F.C. have been disbursed to

purchase old securities at a discount, the amounts of the outstanding loans are shown as well as the bonds taken up and held by R.F.C. A comparison between the columns showing the bonds outstanding and bonds held by R.F.C. indicates the extent to which refunding plans have been completed as of January 1, 1940.

Refunding bonds to cover the R.F.C. loans have been voted by the districts in most cases, but they will not be issued until practically all of the old securities have been taken up for cancellation. Until these transactions are completed, the old bonds must be carried on the books as outstanding obligations of the districts and they are shown accordingly in the tabulation. This does not represent the true financial condition in any particular case, for the old bonds are merely held by R.F.C. for repayment upon the same terms that would be the case if refunding bonds had been issued. The actual capital debt is that represented by the loan, on which interest is being paid at 4 per cent, plus the value of old bonds that have not been deposited under the plan.

As of January 1, 1940, the seventy-three districts listed had a total of \$90,240,234 in outstanding bonds. The Reconstruction Finance Corporation held \$3,504,768 in new refunding issues and \$36,648,664 in old bonds as security for loans that had been advanced to thirty-three of the districts in refinancing their obligations.

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TABLE II
CALIFORNIA IRRIGATION DISTRICT CROP REPORT FOR 1939
JANUARY 1, 1940

Name of District	Gross Area in Acres	Irrigable Area in Acres	Area Held by Districts under the Deced, Acres	Farm Land	Estimated Number of Holdings		Kind and Acreage of Irrigated Crops										Area Cropped			
					Town Lots	Total	Alfalfa and Lucerne	Cotton	Rice and Oatmeal	Orais and Hay	Other Field and Truck	Oranges	Deciduous Fruits and Nuts & Olives	Citrus and Avocado	Pasture	Not Sgrated	Irrigated Acres	Dry Farmed Acres	Total Acres Cropped	
																				Palm
Alpugh	19,131	7,500	3,542	175	---	---	1,500	4,000	---	---	---	---	---	---	---	---	---	7,500	---	7,500
Alta	129,400	110,000	2,500	3,500	2,700	6,200	1,175	---	---	---	---	---	---	---	---	---	---	100,000	---	100,000
Banta-Carbona	32,000	28,000	2,878	375	376	756	6,556	---	---	---	---	---	---	---	---	---	---	7,521	1,275	8,796
Banta-Carbona	15,600	14,000	Nons	185	3	188	2,102	---	---	---	---	---	---	---	---	---	---	(a) 14,275	186	14,461
Bard (part Yuma Proj.)	6,700	6,100	Nons	169	2	171	---	---	---	---	---	---	---	---	---	---	---	4,718	---	4,718
Baxter Creek	7,500	7,500	9,336	90	---	90	---	---	---	---	---	---	---	---	---	---	---	Nons	---	---
Beaumont	3,981	3,000	---	1,327	1,711	---	---	---	---	---	---	---	---	---	---	---	---	1,848	---	1,848
Big Springs	3,694	2,700	73	47	---	---	---	---	---	---	---	---	---	---	---	---	---	2,584	---	2,584
Blythe Valley	40,127	17,000	1,700	125	25	150	1,221	---	---	---	---	---	---	---	---	---	---	6,000	---	6,000
Blythe Valley	30,127	23,500	16,848	28	160	178	465	---	---	---	---	---	---	---	---	---	---	1,590	---	2,090
Byron-Bethany	17,202	14,000	Nons	194	69	263	2,648	---	---	---	---	---	---	---	---	---	---	(b) 6,408	2,882	9,088
Camp Far West	4,084	2,620	Nons	8	---	8	105	---	---	---	---	---	---	---	---	---	---	1,047	400	1,447
Carmichael	3,136	2,500	---	720	---	720	---	---	---	---	---	---	---	---	---	---	---	1,400	---	1,400
Carpester	1,528	1,200	Nons	183	174	357	---	---	---	---	---	---	---	---	---	---	---	1,200	---	1,200
Citrus Heights	3,167	2,700	---	440	---	440	---	---	---	---	---	---	---	---	---	---	---	1,290	---	1,290
Compton-Delavan	12,682	11,000	12,652	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Comstock	149,027	130,000	345	4,600	20	4,620	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Corcoran	51,800	45,000	3,664	184	---	184	2,148	9,478	---	---	---	---	---	---	---	---	---	86,231	---	86,231
Corcoran	5,882	4,700	1,988	19	---	19	668	---	---	---	---	---	---	---	---	---	---	17,186	---	17,186
Deer Creek	2,185	1,900	Nons	17	---	17	305	---	---	---	---	---	---	---	---	---	---	1,440	694	2,134
Delano-Berlmar	32,400	27,000	Nons	285	---	285	---	---	---	---	---	---	---	---	---	---	---	---	---	---
El Estero	20,200	17,000	Nons	400	---	400	478	---	---	---	---	---	---	---	---	---	---	14,931	---	14,931
El Estero Costa	7,646	6,500	6,348	280	---	280	---	---	---	---	---	---	---	---	---	---	---	3,400	---	3,400
El Dorado	30,702	19,900	Nons	570	850	1,420	---	---	---	---	---	---	---	---	---	---	---	4,700	---	4,700
El Nido	9,400	7,400	120	108	2	110	1,447	2,760	---	---	---	---	---	---	---	---	---	5,227	441	5,668
Empire West Side	8,460	6,500	Nons	8	---	8	---	---	---	---	---	---	---	---	---	---	---	4,360	---	4,360
Excelsior	12,260	10,000	Nons	497	871	1,368	2	---	---	---	---	---	---	---	---	---	---	2,486	---	2,486
Fair Oaks	4,268	3,700	185	180	---	180	---	---	---	---	---	---	---	---	---	---	---	2,450	---	2,450
Fresno	21,000	21,000	710	9,500	---	9,500	21,500	14,441	---	---	---	---	---	---	---	---	---	164,807	---	164,807
Gleason-Collins	122,583	110,000	33,601	995	---	995	12,676	22,459	---	---	---	---	---	---	---	---	---	48,350	13,863	62,213
Orenada	2,200	1,800	977	28	22	48	882	---	---	---	---	---	---	---	---	---	---	882	---	882
Hollister	24,456	21,000	Nons	440	940	1,380	660	---	---	---	---	---	---	---	---	---	---	13,970	4,720	18,690
Hot Spring Valley	9,553	5,250	190	40	---	40	---	---	---	---	---	---	---	---	---	---	---	4,510	4,850	9,360
Imperial	612,668	522,060	60,000	4,450	4,878	9,328	213,496	3,067	120	144,368	326,790	1,468	1,017	7,036	---	---	(a) 48,866	---	41,250	
Island No. 3	4,650	4,000	Nons	186	---	186	---	---	---	---	---	---	---	---	---	---	---	2,688	---	2,688
Jacinto	12,266	11,000	200	246	---	246	2,616	---	---	---	---	---	---	---	---	---	---	6,894	1,360	8,254
King's River Delta	24,590	18,200	24,005	9	---	9	1,631	3,242	---	---	---	---	---	---	---	---	---	10,282	---	10,282
Kings River Delta	3,138	2,800	Nons	3	---	3	128	675	---	---	---	---	---	---	---	---	---	992	---	992
La Canada	1,321	1,100	150	700	---	700	---	---	---	---	---	---	---	---	---	---	---	Domestic	---	---
Laguna	34,868	30,000	---	800	---	800	---	---	---	---	---	---	---	---	---	---	---	26,000	---	26,000
Lakeland	25,893	21,000	---	84	---	84	---	---	---	---	---	---	---	---	---	---	---	---	---	---
La Mesa	19,887	15,000	---	55	---	55	---	---	---	---	---	---	---	---	---	---	---	---	---	---
La Mesa L.G. and S.V.	53,100	50,000	7,824	1,100	5,700	6,800	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Lemoore	5,600	5,600	Nons	182	30	192	50	---	---	---	---	---	---	---	---	---	---	5,186	1,900	7,086
Lindan	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Lindora	31,673	28,000	Nons	988	94	1,080	---	---	---	---	---	---	---	---	---	---	---	17,000	4,000	21,000
Lindsay-Strathmore	16,175	10,200	4,717	371	26	397	---	---	---	---	---	---	---	---	---	---	---	8,190	46	8,236
Littlerock Creek	32,503	27,500	1,376	102	---	102	46	---	---	---	---	---	---	---	---	---	---	1,308	---	1,308
Madras	172,647	160,000	Nons	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

(a) Banta-Carbona reported 1,511 acres double cropped.
(b) Byron-Bethany reported 180 acres double cropped.
(c) Imperial reported 276,852 acres double cropped.

TABLE II (CONTINUED)
CALIFORNIA IRRIGATION DISTRICT CROP REPORT FOR 1939
JANUARY 1, 1940

Name of District	Gross Area in Acres	Irrigable Area in Acres	Area Held by District under Tax Deed, Acres	Estimated Number of Holdings			Kind and Acreage of Irrigated Crops										Area Cropped				
				Farm Land	Town Lots	Total	Alfalfa and Lucerne	Cotton	Rice	Grain and Grain Hay	Other Field and Truck	Grapes	Deciduous Fruits and Nuts & Olives	Citrus and Avocado	Pasture	Not Segregated	Irrigated Acres	Dry Farmed Acres	Total Acres Cropped		
Maxwell	8,820	8,000	8,820	1,746	777	2,523	---	---	565	---	---	---	---	---	---	---	---	565	---	115,901	
Merced	189,682	185,000	29,875	62,200	6	4,700	---	---	17,877	13,900	---	---	---	---	---	---	---	108,079	9,822	75,013	
Modesto	51,203	78,300	120	65,000	6	6,500	---	---	14,925	13,188	---	---	---	---	---	---	---	(d) 169,838	5,074	2,228	
Maguire	2,842	2,300	15,848	35	225	35	---	---	499	230	---	---	---	---	---	---	---	---	---	---	
Maguire-Bark	2,873	2,300	15,848	35	225	35	---	---	499	230	---	---	---	---	---	---	---	---	---	---	
Newport	266,211	154,000	5,761	1,746	777	2,523	---	---	1,500	369	---	---	---	---	---	---	---	16,719	---	16,719	
Newport Heights	1,503	1,300	None	---	---	1,607	---	---	---	---	---	---	---	---	---	---	---	525	---	550	
Newport Mesa	694	400	None	---	---	220	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Oakdale	74,300	53,000	5,555	1,500	1,400	3,000	27,468	284	2,092	3,530	1,248	4,381	20	715	93	(f) 40,410	25,306	---	65,715		
Oakdale	12,587	11,000	None	249	---	---	---	---	---	40	1,869	---	2,085	---	---	---	---	4,983	7,500	12,483	
Oroville-Hyndotte	24,080	21,000	5,690	435	80	515	---	---	---	---	---	---	---	---	---	---	---	2,075	---	2,075	
Palmdale	4,756	4,200	5,12	94	170	264	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Palo Verde	95,353	75,000	10,000	601	375	976	20,558	4,980	1,555	4,481	---	---	---	---	---	---	---	32,234	---	32,234	
Paradise	11,250	9,500	3,740	968	110	1,078	---	---	---	---	---	---	---	---	---	---	---	2,000	---	2,000	
Potter Valley	5,068	4,000	None	110	---	---	750	---	---	380	---	---	---	---	---	---	---	1,575	200	1,775	
Princeton-Codore-Oleyn	13,440	12,000	931	170	5	184	460	---	1,924	846	---	---	---	---	---	---	---	5,464	1,000	6,464	
Princeton	22,895	12,000	21,213	13	---	---	---	---	4,864	30	---	---	---	---	---	---	---	6,571	180	6,751	
Rancho	580	12,890	None	---	230	230	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Richvale	25,810	22,000	None	120	51	181	450	---	8,651	20	---	---	---	---	---	---	---	9,271	---	9,271	
Riverdale	15,830	14,000	59	250	---	---	3,500	2,000	---	2,300	---	---	---	---	---	---	---	13,000	---	13,000	
San Diego	4,020	3,000	---	---	900	1,610	---	---	---	708	---	---	---	---	---	---	---	1,783	50	1,833	
Santa Fe	10,108	6,980	---	---	450	790	---	---	---	---	---	---	---	---	---	---	---	3,300	---	3,300	
San Joaquin	5,310	4,500	---	---	381	581	---	---	---	---	---	---	---	---	---	---	---	250	---	250	
San Joaquin	5,310	4,500	---	---	381	581	---	---	---	---	---	---	---	---	---	---	---	250	---	250	
Serrano	1,488	1,300	None	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Shafter-Mesco	41,520	36,000	None	500	500	1,000	---	---	---	---	---	---	---	---	---	---	---	29,000	---	29,000	
South Fork	12,404	11,000	None	18	---	---	---	---	---	---	---	---	---	---	---	---	---	12,387	---	12,387	
South Montebello	71,312	64,000	889	2,000	350	320	14	---	11,376	100	---	---	---	---	---	---	---	289	85	384	
South San Joaquin	10,880	8,000	10,138	1,022	5,022	3,022	19,460	---	---	9,308	6,655	---	---	---	---	---	---	52,222	1,989	54,191	
Stetford	12,948	12,000	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Table Mountain	1,965	1,700	941	19	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Terra Bella	12,285	11,000	6,718	398	41	439	---	---	---	40	---	---	---	---	---	---	---	2,247	3,270	5,517	
Thermalito	3,164	2,700	1,127	256	200	455	50	---	---	---	94	382	552	54	---	---	---	942	---	942	
Tracy Clover	1,053	820	250	98	---	---	183	---	---	25	---	---	---	---	---	---	---	254	35	289	
Tranquillity	10,750	9,000	200	93	180	273	1,288	---	---	197	---	---	---	---	---	---	---	5,739	---	8,739	
Tulare	33,500	30,000	---	650	550	1,200	---	---	---	---	---	---	---	---	---	---	---	16,000	---	16,000	
Tule	15,015	10,000	15,015	80	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Turlock	182,000	162,000	828	8,353	2,279	8,532	51,772	---	---	45,362	11,673	---	---	---	---	---	---	162,875	---	162,875	
Vandalia	1,275	1,100	1,02	38	---	---	---	---	---	18	---	---	---	---	---	---	---	---	---	---	
Vista	16,008	15,000	3,128	1,600	---	---	5	---	---	---	---	---	---	---	---	---	---	---	---	---	
Wainut	14,305	11,900	None	---	---	---	---	---	---	1,435	26	---	---	---	---	---	---	---	---	---	
West Side	11,520	11,000	2,640	97	395	492	1,758	---	---	---	---	---	---	---	---	---	---	---	---	---	
West Stanislaus	21,532	21,000	215	120	22	142	4,089	---	---	---	---	---	---	---	---	---	---	---	---	---	
Woodbridge	14,290	13,000	None	180	---	---	5,488	---	---	1,812	---	---	---	---	---	---	---	---	---	---	
Totals	3,605,093	2,915,820	345,224	59,539	36,988	96,527	449,583	50,573	49,508	281,834	494,002	126,772	129,209	37,234	52,821	350,539	1,733,628	95,043	1,828,671		
Buena Vista Water Stor.	75,464	46,824	None	185	95	280	2,883	10,035	---	10,408	10,370	---	---	---	---	---	---	---	---	---	33,276

(d) Modesto reported 8,235 acres double cropped.
(e) Number of holdings estimated from previous reports.
(f) Oakdale reported 1,150 acres double cropped.
(g) West Side reported 238 acres double cropped.

TABLE III (CONTINUED)

SUMMARY OF ASSESSMENTS LEVIED, TAX CERTIFICATES SOLD, CASH RECEIPTS AND CASH EXPENDITURES IN 1939

Name of District	Usual Assessed Valuation per Acre	Assessment 1938-1939				Assessment 1939-1940				Cash Receipts 1939					Total Disbursements 1939	
		Total Assessed Valuation	Rate per \$100 of valuation	Total Assessment Levied	Tax Certificates sold Including Penalties	Total Assessed Valuation	Bond Fund	General Fund	Total Rate	Total Assessment Levied	Assessments Penalties	Meter Tolls and Power Sales	Rentals and Crop Share	Sale of District Land		Total Receipts
Montague	40	\$ 316,528	4.00	\$ 1,266	509	\$ 323,963	4.40	\$ 1,428	1,190	1,248	2,565	41	5,134	5,948		
Neale	100	199,566	6.00	11,974	933	7,468	7.25	2,119	14,768	2,119	2,119	---	16,930	11,330		
Nevada	15	3,665,083	1.00	36,661	5,438	3,707,211	1.00	37,072	11,201	473,778	29,964	1,482	545,385	601,497		
Newport Heights	800	1,147,750	4.90	10,529	931	1,175,735	0.80	9,590	11,683	1,491	6,158	1,482	29,944	29,995		
Newport Mesa	800	---	---	---	---	---	---	---	---	---	---	---	---	---		
Oakdale	67	3,297,184	4.00	159,886	13,061	4,588,515	3.68	4.00	167,540	169,618	65,248	37,263	311,779	347,975		
Orange Cove	50	2,575,394	1.70	43,781	3,026	1,761,432	1.00	1.00	17,614	18,656	41,987	1,772	63,950	59,265		
Orange-Hyndette	100	1,765,822	1.00	17,658	---	---	---	---	---	---	---	---	---	---		
Palmdale	100	---	---	---	---	---	---	---	---	---	---	---	---	---		
Palo Verde	50	3,242,040	1.90	61,799	1,089	3,356,630	1.90	1.90	84,546	88,614	82,870	12,715	50,286	155,141		
Paradise	60	359,609	3.75	13,465	---	---	---	---	---	---	---	---	---	---		
Potter Valley	62	219,536	5.00	10,977	688	384,958	3.75	5.00	13,647	14,169	21,871	726	9,980	30,851		
Princeton-Codora-Oleum	500	2,196,141	2.50	54,909	3,883	219,536	1.17	2.50	10,976	13,247	8,309	23	21,579	26,982		
Princeton	185	1,387,590	6.10	83,977	4,969	1,295,500	2.42	2.58	58,022	43,040	43,018	4,213	10,064	47,180		
Rancho	75	104,350	3.10	3,254	1,042	606,958	1.60	3.90	29,118	28,759	34,085	2,488	---	45,219		
San Ysidro	110	82,690	7.50	6,202	730	74,910	7.50	7.50	6,818	6,711	7,834	48,921	130	19,566		
Richvale	30	597,715	0	0	0	766,350	0	0	0	0	61,034	25,984	207	9,509		
Riverdale	50	707,353	1.20	8,488	664	708,006	1.00	1.00	7,080	8,655	---	---	---	87,167		
San Diegoito	500	2,196,141	2.50	54,909	0	2,200,681	1.95	2.50	58,022	43,040	43,018	4,213	10,064	13,504		
Santa Fe	185	1,387,590	6.10	83,977	4,969	1,295,500	2.42	2.58	58,022	43,040	39,508	5,787	6,047	110,076		
Scott Valley	210	116,345	1.50	1,746	117	114,640	1.50	1.50	1,719	1,942	7,450	310	---	9,008		
Serrano	60	256,565	3.00	7,697	---	---	---	---	---	---	---	---	---	---		
Shafter-Masco	1,000	1,317,378	1.00	13,179	197	1,317,927	1.00	1.00	13,179	12,247	12,842	1,075	---	29,958		
South Fork	41	502,885	3.20	16,091	4,544	2,522,550	2.25	4.576	4,576	4,576	---	---	---	6,029		
South Montebello	800	699,018	1.70	11,882	720	502,855	1.50	1.70	18,091	11,691	10,198	2,415	---	16,200		
South San Joaquin	100	6,455,955	8.40	54,618	32,071	6,448,410	3.22	2.18	348,221	356,137	85,287	9,138	---	315,186		
Stable Mountain	25	255,974	10.00	25,597	---	---	---	---	---	---	---	---	---	3,558		
Terra Bella	125	390,366	7.00	28,627	4,321	120,666	4.80	6.50	6,595	33,932	4,960	460	---	54,850		
Thermalito	160	304,038	2.50	7,602	---	---	---	---	---	---	---	---	---	144,356		
Tracy Clover	100	478,278	6.00	4,977	1,406	300,149	2.50	6.00	7,604	8,284	15,166	431	751	22,622		
Tranquillity	40	1,524,470	1.75	26,677	1,199	78,278	6.00	4.90	4,996	4,991	1,216	5,991	758	10,573		
Turlock	80	13,396,310	2.50	334,900	44,621	13,397,255	1.85	2.30	273,463	359,010	731,947	289,464	---	1,350,411		
Vandalla	200	230,323	6.00	13,819	0	230,489	4.34	1.16	13,829	13,592	14,116	7,989	---	35,697		
Vista	1,500	2,022,080	5.00	101,104	15,613	2,027,159	4.50	4.50	91,221	106,488	140,800	16,433	14,509	348,916		
Walnut	1,000	906,600	5.00	4,533	3,390	906,600	2.25	2.25	2,266	2,984	3,083	5,772	6,073	6,708		
Wawona	100	825,044	4.00	33,242	3,867	831,083	4.00	4.00	37,242	41,211	---	---	2,018	48,989		
West Side	100	1,011,579	3.00	30,358	3,562	1,066,109	1.37	1.63	32,582	30,850	41,115	5,914	---	86,986		
West Stanislaus	100	2,147,761	3.70	79,467	14,583	2,147,877	3.80	---	81,620	71,031	151,318	7,205	---	289,554		
Woodbridge	85	1,216,104	2.00	24,322	4,410	1,212,387	2.00	---	24,247	31,690	25,648	12,377	---	69,705		
Total	---	179,666,797	---	4,693,499	580,583	26,390,741	---	---	4,679,398	4,985,570	5,773,448	4,077,319	352,489	15,088,626	13,695,914	

TABLE IV
SUMMARY OF STATISTICAL DATA RELATING TO BONDS AND WARRANTS OF CALIFORNIA IRRIGATION DISTRICTS
JANUARY 1, 1940

Totals for each district underrecared

Name of District	Number of Bond Issue	Date of Bonds	Range of Maturities	Regular Coupon Rate in Per Cent	Status of Bonds, January 1, 1940				Interest Bearing Warrants Unpaid 1-1-40	Amount of R.F.C. Loan Outstanding	Status of Refinancing Plans	
					Face Value of Bonds Issued	Disposition of Bonds Sold		Total Outstanding			Bond Payments in Default	Basis of Bonds Held by R.F.C.
						Original	Refunded					
Alpaugh	1 Ref.	Jan. 1, 1939	Jan. 1, 1943-1968	4	64,000	54,000	-----	-----	-----	None	47,913	N 54,000
Alta	1 Fund	Feb. 4, 1902	Jan. 1, 1924-1942	5	500,000	492,000	-----	460,500	(a) 31,500	None	None	None
Anderson-Cottonwood	1	Jan. 1, 1915	Jan. 1, 1937-1968	8	1,255,000	1,255,000	-----	134,000	1,121,000	187,000	355,000	None
	2	Jul. 1, 1917	Jan. 1, 1928-1937	6	206,000	206,000	-----	-----	-----	-----	-----	None
	3	Jul. 1, 1920	Jan. 1, 1928-1964	8	1,164,000	1,137,060	-----	-----	-----	-----	-----	None
Banta Carbons	1	Aug. 1, 1924	Jul. 1, 1941-1964	8	705,000	705,000	-----	-----	-----	-----	-----	None
	2	Dec. 1, 1925	Jul. 1, 1941-1965	6	125,000	125,000	-----	-----	-----	-----	-----	None
	3	Jan. 1, 1927	Jan. 1, 1948-1967	8	334,000	334,000	-----	-----	-----	-----	-----	None
Baxter Creek	1	Jul. 1, 1921	Jan. 1, 1928-1943	6	511,000	511,000	-----	-----	-----	-----	-----	None
Basement	1 Ref.	Jul. 1, 1936	Jul. 1, 1939-1968	4	159,000	162,000	-----	9,000	143,000	377,000	None	None
Big Springs	1 Ref.	Jul. 1, 1936	Jan. 1, 1940-1969	4	28,000	28,000	-----	3,500	22,500	None	None	None
Butte Valley	1	Sep. 1, 1923	Jan. 1, 1944-1963	6	594,000	594,000	-----	-----	-----	-----	-----	None
Byron-Bethany	1	Nov. 1, 1922	Jan. 1, 1924-1968	8	650,000	650,000	-----	-----	-----	-----	-----	None
	2	Sep. 1, 1923	Jul. 1, 1933-1958	6	100,000	100,000	-----	-----	-----	-----	-----	None
	1 Ref.	Jan. 1, 1934	Sinking Fund 1979	8	569,000	569,000	-----	81,000	689,000	-----	-----	None
Camp Far Meet	1	Jul. 1, 1927	Jul. 1, 1937-1958	6	200,000	179,000	-----	30,000	149,000	None	None	None
Carmichael	1 Ref.	Jul. 1, 1937	Jan. 1, 1941-1970	4	53,000	52,000	-----	2,000	50,000	None	None	None
Carpenter	1	Jul. 1, 1929	Jul. 1, 1934-1963	6	200,000	200,000	-----	36,000	164,000	None	None	None
Citrus Heights	1 Ref.	Jul. 1, 1937	Jan. 1, 1941-1970	4	86,000	86,000	-----	12,000	74,000	None	None	None
Compton Delevan	1 Ref.	Dec. 1, 1921	Jan. 1, 1922-1956	8	576,000	523,000	-----	139,000	384,000	188,000	None	None
	1 Ref.	Jan. 1, 1927	Jan. 1, 1937-1960	6	384,000	384,000	-----	-----	-----	-----	-----	None
Corcoran	1	Jan. 1, 1920	Jan. 1, 1931-1958	8	760,000	760,000	-----	-----	-----	-----	-----	None
Cordus	2 Ref.	Sep. 1, 1934	Jul. 1, 1938-1967	4	102,726	100,726	-----	6,726	763,000	217,117	None	None
	1 Ref.	Jan. 1, 1924	Jan. 1, 1935-1964	6	1,324,000	1,301,000	-----	237,960	1,063,040	None	None	None
	1	Jul. 1, 1921	Jan. 1, 1927-1948	6	860,000	860,000	-----	-----	-----	-----	-----	None
	1	Mar. 1, 1922	Jan. 1, 1928-1947	6	160,000	160,000	-----	-----	-----	-----	-----	None
	1 Ref.	Jan. 1, 1934	Sinking Fund 1976	8	1,153,000	1,153,000	-----	-----	-----	-----	-----	None

N Designates new refunding issues accepted by R.F.C. for loans advanced in purchase of old securities.

(a) Alta has in addition one \$600 bond of a former issue outstanding.

(b) Cordus has in addition one \$1000 bond of a former issue outstanding.

TABLE IV (CONTINUED)
SUMMARY OF STATISTICAL DATA RELATING TO BONDS AND WARRANTS OF CALIFORNIA IRRIGATION DISTRICTS
JANUARY 1, 1940

Name of District	Number of Bond Issue	Date of Bonds	Range of Maturities	Regular Coupon Rate in Per Cent	Face Value of Bonds Issued		Status of Bonds, January 1, 1940			Disposition of Bonds Sold			Bond Payments in Default		Interest Bearing Warrants Unpaid 1-1-40	Status of Refinancing Plans	
					Original	Refunding	Principal Amount Sold or Exchanged	Refunded	Paid	Total Outstanding	Principal	Interest	Amount of R.F.C. Loan Outstanding	Basis of Refunding on \$		Bonds Said By R.F.C.	
																	None
El Cominu	1 Div. 2 Div. 3 Div.	Nov. 1, 1925 Nov. 1, 1925 Nov. 1, 1925	Jan. 1, 1937-1955 Jan. 1, 1940-1962 Jan. 1, 1940-1955	6 8 6	430,000 275,000 127,000	----- ----- -----	423,000	None	None	50,000	235,600	None	None	None	None	None	None
El Dorado	1	Mar. 1, 1927	Jan. 1, 1940-1967	8	1,500,000	-----	588,000	None	None	None	74,492	None	50,50	584,000	None	None	None
El Mido	1	Jan. 1, 1931	Jan. 1, 1934-1951	(c) 6	135,000	-----	120,000	None	None	5,000	None	None	100,00	None	None	None	None
Fair Oaks	1 Ref.	Sep. 1, 1937	Jan. 1, 1941-1970	4	-----	-----	61,500	None	None	3,000	None	None	None	None	None	None	None
Oleum-Chilusa	1	Oct. 1, 1920 Nov. 1, 1924	Jan. 1, 1922-1941 Jan. 1, 1935-1941	6 6	2,837,000 300,000	----- -----	2,404,150	285,000	1,155,698	1,249,454	819,783	250,444	None	560,943	None	None	None
Orenada	1 Ref.	Jul. 1, 1931	Jul. 1, 1938-1970	6	-----	-----	138,000	-----	-----	-----	None	None	None	None	None	None	None
Hot Spring Valley	1 Ref.	Sep. 1, 1934	Jul. 1, 1938-1967	4	47,000	-----	43,000	-----	2,000	1,250,000	350,000	None	None	None	None	None	None
Imperial	1 2 3 4 5 El. Rev. 6 El. Rev. 7 El. Rev.	Jan. 1, 1915 Jul. 1, 1917 Jul. 1, 1922 Jul. 1, 1922 Jul. 1, 1927 Jul. 1, 1937 Oct. 1, 1938 Feb. 1, 1933 Feb. 1, 1933 Mar. 1, 1935	Jan. 1, 1936-1955 Jul. 1, 1938-1957 Jul. 1, 1938-1957 Jul. 1, 1938-1955 Jan. 1, 1941-1955 Jan. 1, 1941-1967 Jan. 1, 1942-1968 Sinking Fund 1953 Sinking Fund 1953 Sinking Fund 1953	5 5 6 6 2.77 4 4 5 5 6	19,263,000 3,500,000 2,800,000 7,500,000 7,700,000 1,515,000 1,045,000 6,000,000 750,000 7,500,000	----- ----- ----- ----- ----- ----- ----- ----- ----- -----	14,250,000	-----	47,000	1,250,000	17,305,000	2,265,438	None	None	None	None	None
Jacinto	1 Ref.	Mar. 1, 1935	Jul. 1, 1938-1966	4	-----	-----	94,500	-----	-----	10,500	None	None	None	None	None	None	None
James	1	May 15, 1920	Jan. 1, 1928-1947	8	1,000,000	-----	1,000,000	None	None	5,000	645,000	534,010	235,238	None	None	None	None
La Canada	1 2	Jul. 1, 1925 Jul. 1, 1928	Jul. 1, 1936-1960 Jul. 1, 1943-1968	5 5	328,000 154,000 174,000	----- ----- -----	328,000	None	None	14,000	None	None	None	None	None	None	None
Lakeside	1	Feb. 1, 1925	Jan. 1, 1946-1965	6	35,000	-----	35,000	None	None	5,000	None	None	None	None	None	None	None
La Mesa, L.O. & S.V.	2 1/2 Div. 3 1/2 Ref. 4 1/2	May 1, 1934 May 1, 1934 Jul. 1, 1937	May 1, 1937-1964 May 1, 1940-1972 Jan. 1, 1942-1957	4 4 4	1,988,768 450,000 1,547,768 145,000	----- ----- ----- -----	1,982,768	-----	-----	178,000 85,000	1,804,768	None	None	None	None	None	None
Lindsay-Strathmore	1 2	Jul. 1, 1915 Oct. 1, 1918	Jul. 1, 1927-1946 Oct. 1, 1929-1948	6 6	1,650,000 250,000	----- -----	1,650,000	None	None	223,000	508,500	470,212	756,151	None	None	None	None

N Designates new refunding issues accepted by R.F.C. for loans advanced in purchase of old securities.
(c) El Mido, maturity dates of bonds and refunding warrants extended by agreements and interest rate on bonds reduced to 4% from July 1, 1939.
(d) Granada refinanced \$135,000 in bonds through loan of \$20,750 advanced by individuals. Warrants issued in payment of loan. Bonds of \$14,000 held in escrow as additional security.

TABLE IV (CONTINUED)
SUMMARY OF STATISTICAL DATA RELATING TO BONDS AND WARRANTS OF CALIFORNIA IRRIGATION DISTRICTS
JANUARY 1, 1940

Totals for each district underscored

Name of District	Number of Bond Issue	Date of Bonds	Range of Maturities	Regular Coupon Rate in Per Cent	Face Value of Bonds Issued			Status of Bonds, January 1, 1940			Interest Bearing Warrants Unpaid 1-1-40	Status of Refinancing Plans		
					Original	Refunding	Principal Sold or Exchanged	Disposition of Bonds Sold	Total Outstanding	Bond Payments in Default		Amount of R.F.C.-Loan Outstanding	Base of Refunding on \$	Amount of Bonds Held by R.F.C.
Littlerock Creek	3	Jul. 1, 1914	Jan. 1, 1934-1954	5	358,000	-----	358,000	None	358,000	None	29,432	98,500	358,200	
	4	Jan. 16, 1920	Jan. 1, 1941-1960	5	60,000	-----	60,000	None	60,000	None	-----	None	None	
	5	May 1, 1921	Jan. 1, 1925-1942	6	46,000	-----	46,000	None	46,000	None	-----	None	None	
	6	Jan. 1, 1925	Jan. 1, 1941-1960	6	60,000	-----	60,000	None	60,000	None	-----	None	None	
	1	Sept. 1, 1918	Jan. 1, 1922-1941	6	260,000	-----	260,000	None	260,000	221,000	-----	None	None	
	11 Div. 12 Div. 13 Div. 14 Div. 2	Jan. 1, 1922 Jan. 1, 1922 Jan. 1, 1922 Mar. 1, 1924 Apr. 1, 1926	Jan. 1, 1935-1950 Jan. 1, 1931-1953 Jan. 1, 1934-1955 Jan. 1, 1937-1954 Jan. 1, 1935-1956	6 5 5 6 5	16,250,000 3,120,000 1,800,000 1,280,000 3,250,000 1,000,000	----- ----- ----- ----- -----	16,250,000 3,120,000 1,800,000 1,280,000 3,250,000 1,000,000	None None None None None	16,191,000 2,893,077	5,578,183	51,501	7,589,455	14,732,000	
Modesto	1 Fund 2 Fund	May 1, 1902 Jan. 6, 1904	Jan. 1, 1925-1942 Jan. 1, 1925-1944	5 5	5,296,511 332,000	----- -----	5,014,511 1,010,511	None None	2,121,434	None	None	None	None	
	3 6-8 7-11 12 13 14 14 Sp. Rev.	Jul. 1, 1909 Dec. 1, 1911 Jul. 1, 1911 Jul. 1, 1920 Oct. 1, 1923 Jan. 1, 1924 Jan. 1, 1927 Dec. 1, 1934	Jul. 1, 1930-1959 Jan. 1, 1935-1954 Jul. 1, 1931-1950 Jul. 1, 1934-1953 Jan. 1, 1944-1953 Jan. 1, 1948-1951 Aug. 1, 1940-1962	5 5 6 5 5 5 4	2,900,000 200,000 610,000 2,000,000 135,000 500,000 235,000 177,000	----- ----- ----- ----- ----- ----- -----	2,900,000 200,000 610,000 2,000,000 135,000 500,000 235,000 177,000	None None None None None None None	2,893,077	None	None	None	None	
Montague	1	Jan. 1, 1925	Jan. 1, 1947-1956	5	1,395,000	-----	1,395,000	None	1,395,000	None	907,700	None	None	
	1 Ref.	Oct. 1, 1921 Jul. 1, 1927	Jul. 1, 1926-1940 Jul. 1, 1935-1957	6 6	200,000 -----	----- -----	195,000 192,000	189,000 189,000	186,000	16,000	75,200	None	32.11	None
Nevada	1 Ref.	Sep. 15, 1931	Sinking Fund 1951	3	-----	-----	-----	-----	-----	-----	-----	-----	-----	
	1	Jan. 1, 1920	Jan. 1, 1941-1960	6	160,000	-----	160,000	None	150,400	None	27,080	None	100.00	None
Newport Mesa	1	Jan. 1, 1919	Jul. 1, 1940-1959	6	50,000	-----	50,000	-----	50,000	None	No Report	77,944	135,200	
	1 Ref.	Jul. 1, 1927	Jul. 1, 1935-1957	6	-----	-----	-----	-----	-----	-----	-----	-----	-----	
Oakdale	1	Jul. 1, 1910	Jul. 1, 1931-1940	5	3,675,000	-----	3,675,000	2,181,200	434,700	-----	-----	1,130,500	2,303,500	
	2 3 4 5 1 Ref.	Jan. 1, 1913 Jul. 1, 1915 Jan. 1, 1924 Jan. 21, 1924 Oct. 1, 1931	Jan. 1, 1934-1943 Jul. 1, 1938-1955 Jan. 1, 1935-1951 Jan. 1, 1935-1978	5 6 6 5 5	1,800,000 400,000 175,000 1,400,000 2,390,000	----- ----- ----- ----- -----	1,800,000 400,000 175,000 1,400,000 2,390,000	----- ----- ----- ----- -----	3,240,300	-----	-----	-----	-----	
Oroville-Hyandotte	1	Jan. 1, 1923	Jan. 1, 1944-1953	6	2,000,000	-----	1,095,000	None	1,095,000	None	409,336	360,599	1,050,000	
	1 Ref.	Jul. 1, 1934	Jan. 1, 1947-1952	6	-----	-----	222,500	-----	222,500	None	50.00	None	50.00	

(e) Maxwell bonds were acquired by a pool of former landowners. District has taken title to all the land.

TABLE IV (CONTINUED)
SUMMARY OF STATISTICAL DATA RELATING TO BONDS AND WARRANTS OF CALIFORNIA IRRIGATION DISTRICTS
JANUARY 1, 1940

Name of District	Number of Bond Issue	Date of Bonds	Range of Maturities	Regular Coupon Rate in Per Cent	Face Value of Bonds Issued		Principal Amount Sold or Exchanged	Disposition of Bonds Sold			Bond Payments in Default		Interest Bearing Warrants Unpaid 1-1-40	Amount of R.F.C. Loan Outstanding	Status of Refinancing Plans		
					Original	Refunding		Refunded	Paid	Total Outstanding	Principal	Interest					
					Status of Bonds, January 1, 1940			Status of Refinancing Plans									
Palo Verde	1	Feb. 1, 1918	Feb. 1, 1922-1935	6	5,507,330	---	4,913,330	None	739,000	4,174,330	1,191,000	2,120,495	None	1,009,041	24.81	4,061,030	
Mutual Water Co.	1	May 1, 1918	May 1, 1919-1928	6 1/2	500,000	---	500,000	---	---	170,000	---	---	---	---	---	---	---
Levee District	2	Nov. 1, 1922	Nov. 1, 1923-1962	5 1/2	1,285,961	---	1,283,961	---	---	911,961	---	---	---	---	---	---	---
Drainage District	1	Dec. 1, 1921	Jan. 1, 1933-1942	8	371,379	---	371,379	---	---	304,379	---	---	---	---	---	---	---
Irrigation District	1-2	Jan. 1, 1925	Jan. 1, 1937-1955	5	850,000	---	850,000	---	---	850,000	---	---	---	---	---	---	---
Paradise	2	May 1, 1917	May 1, 1926-1957	6	480,000	---	480,000	---	14,000	476,000	32,000	---	---	---	---	---	447,000
	2	Jul. 1, 1920	Jul. 1, 1926-1956	6	350,000	---	350,000	---	---	---	---	---	---	---	---	---	---
Fetter Valley	1	Jul. 1, 1928	Jul. 1, 1933-1952	5 1/2	100,000	---	97,000	---	---	---	---	---	---	---	---	---	---
Princeton-Codora-Oleum	1	Jul. 1, 1918	Jul. 1, 1939-1958	6	175,000	---	175,000	---	32,000	143,000	---	---	---	---	---	---	---
Provident	2	Aug. 15, 1916	Aug. 15, 1930-1949	6	1,000,000	---	1,190,000	---	233,000	967,000	341,000	433,672	---	---	---	---	---
	2	Aug. 9, 1921	Jul. 1, 1922-1933	6	190,000	---	190,000	---	---	---	---	---	---	---	---	---	---
Ramona	1	Jul. 1, 1928	Jul. 1, 1947-1956	6	21,000	---	21,000	---	---	---	---	---	---	---	---	---	---
Richvale	1 Ref.	Jul. 1, 1928	Jul. 1, 1947-1956	6	638,000	---	638,000	---	---	---	---	---	---	---	---	---	---
	2	Jul. 1, 1937	Jul. 1, 1941-1970	4	380,000	---	380,000	---	---	---	---	---	---	---	---	---	---
	3	May 1, 1939	Jan. 1, 1943-1972	4	80,000	---	80,000	---	---	---	---	---	---	---	---	---	---
San Dieguito	1	Apr. 1, 1923	Jan. 1, 1931-1950	6	400,000	---	591,500	352,000	54,000	185,500	---	---	---	---	---	---	---
	2 Ref.	Jan. 1, 1935	Jan. 1, 1941-1973	4	300,000	205,500	400,000	352,000	43,000	5,000	---	---	---	---	---	---	---
	2 Ref.	Jul. 1, 1935	Jul. 1, 1940-1972	4	---	---	393,500	---	15,000	377,500	---	---	---	---	---	---	---
San Ysidro	1	Jan. 1, 1913	Jan. 1, 1934-1943	5	25,000	---	25,000	---	14,000	11,000	---	---	---	---	---	---	---
Scott Valley	2 Ref.	Jan. 1, 1936	Jan. 1, 1937-1951	5	---	---	87,000	---	---	---	---	---	---	---	---	---	---
Serrano	1	Jul. 1, 1929	Jul. 1, 1934-1953	6	200,000	---	200,000	---	9,000	59,000	---	---	---	---	---	---	---
South Fork	1	Jul. 1, 1934	Jul. 1, 1938-1954	4	185,000	---	133,000	---	35,000	154,000	---	---	---	---	---	---	---
South Montebello	1	Jun. 30, 1923	Jan. 1, 1926-1945	8	125,000	---	125,000	---	6,000	127,000	---	---	---	---	---	---	---
South San Joaquin	1	Jul. 1, 1910	Jul. 1, 1931-1940	5	5,985,000	4,791,250	5,985,000	4,615,550	179,750	5,806,250	346,700	168,066	---	---	---	---	---
	2	Apr. 19, 1913	Apr. 19, 1934-1942	5	1,975,000	---	1,975,000	---	---	---	---	---	---	---	---	---	---
	3	Jul. 1, 1913	Jul. 1, 1934-1943	5	780,000	---	780,000	---	---	---	---	---	---	---	---	---	---
	4	Nov. 1, 1913	Nov. 1, 1934-1943	5 1/2	550,000	---	550,000	---	---	---	---	---	---	---	---	---	---
	5	Nov. 1, 1923	Nov. 1, 1940-1953	5 1/2	550,000	---	550,000	---	---	---	---	---	---	---	---	---	---
	6	Jun. 21, 1925	Jan. 1, 1927-1955	5	1,100,000	---	1,100,000	---	---	---	---	---	---	---	---	---	---

■ Designates new refunding issues accepted by R.F.C. for loans advanced in purchase of old securities.

TABLE IV (CONTINUED)
SUMMARY OF STATISTICAL DATA RELATING TO BONDS AND WARRANTS OF CALIFORNIA IRRIGATION DISTRICTS
JANUARY 1, 1940

Totals for each district underecorded

Name of District	Number of Bond Issue	Date of Bonds	Range of Maturities	Regular Coupon Rate in Per Cent	Face Value of Bonds Issued			Disposition of Bonds Sold			Bond Payments in Default		Interest Bearing Warrants Unpaid 1-1-40	Status of Refinancing Plans	
					Original	Refunding	Principal Sold or Exchanged	Refunded	Paid	Total Outstanding	Principal	Interest		Amount of R.F.C. Loan Outstanding	Basic of Refunding R.P.C.
South San Joaquin (cont.)	1 Ref. 1 Ref.	Oct. 1, 1931 Oct. 1, 1931	Jul. 1, 1936-1961 Jul. 1, 1938-1961	5 5 1/2	----- -----	3,741,250 1,050,000	----- -----	350,000	----- -----	None	360,000	130,600	119,754	None	None
Steinewein	1	Apr. 1, 1923	Jan. 1, 1931-1960	6	-----	350,000	-----	187,000	-----	None	197,000	None	35,935	None	None
Table Mountain	1 2	Mar. 1, 1923 Jul. 1, 1927	----- -----	6 6	----- -----	----- 62,000	----- -----	187,000	-----	None	197,000	None	-----	None	None
Terra Belle	1 1 Ref.	Nov. 1, 1916 Jul. 1, 1933	Nov. 1, 1927-1945 Sinking Fund 1979	6 4	----- -----	----- 409,000	----- -----	1,408,500 1,000,000	817,000 817,000	305,000 182,000	266,500 285,500	None	None	50.00	None
Thermalito	1 2	Mar. 1, 1923 May 1, 1926	Jan. 1, 1934-1963 Jan. 1, 1947-1966	6 6	----- -----	320,000 50,000	----- -----	320,000	-----	None	320,000	90,000	-----	37.425	309,000
Tracy-Clover	1	May 1, 1923	Jan. 1, 1939-1963	6	-----	52,170	-----	52,170	-----	None	52,170	4,170	19,663	35.55	47,170
Tranquillity	1 1 Ref.	Jan. 1, 1920 Nov. 1, 1937	Jan. 1, 1924-1965 Jan. 1, 1941-1970	5 1/2 4	----- -----	280,000 280,000	----- -----	387,500 280,000	224,000 224,000	34,000 34,000	139,500 137,500	None	None	75.00	1137,500
Tule	1	Jul. 1, 1921	Jan. 1, 1926-1943	6	-----	806,000	-----	806,000	-----	None	806,000	693,000	-----	None	None
Turlock	1 Fund 2 3 4-5 6 7 8	Jul. 1, 1902 Jan. 1, 1905 Jul. 1, 1910 Jan. 1, 1911 Jul. 1, 1920 Jul. 1, 1920 Jul. 1, 1927-1936 Dec. 31, 1926	Jan. 1, 1922-1942 Jan. 1, 1926-1935 Jul. 1, 1931-1940 Jan. 1, 1932-1941 Jan. 1, 1936-1961 Jul. 1, 1927-1936 Jul. 1, 1932-1946	6 5 5 5 6 1/2 5 6	----- ----- ----- ----- ----- ----- -----	7,670,000 1,165,000 200,000 100,000 1,206,000 3,586,000 500,000 600,000	----- ----- ----- ----- ----- ----- -----	7,870,000	-----	3,046,140	4,823,860	None	None	None	None
Vandalla	1 Ref.	Jul. 1, 1933	Sinking Fund 1968	6	-----	172,200	-----	172,200	-----	-----	145,600	None	None	None	None
Vista	1	Jan. 1, 1925	Jan. 1, 1946-1965	6	-----	1,700,000	-----	1,700,000	-----	None	1,700,000	None	-----	55.00	1,618,000
Waterford	1 2	Oct. 1, 1916 Jul. 1, 1919	Oct. 1, 1927-1946 Jul. 1, 1927-1946	6 5 1/2	----- -----	670,000 205,000	----- -----	670,000	-----	None	631,925	275,250	241,652	59.45	None
West Side	1 Ref.	Jan. 1, 1939	Jan. 1, 1942-1971	4	-----	286,500	-----	286,500	-----	None	286,500	None	None	50.103	N 286,500
West Stanislaus	1 1 2 1/2 Ref.	Jul. 1, 1927 Jul. 1, 1927 Jul. 1, 1933	Jul. 1, 1932-1957 Jul. 1, 1932-1957 Jul. 1, 1938-1938	6 6 5 1/2	----- ----- -----	1,537,378 1,216,376 121,000	----- ----- -----	1,296,000 1,121,000 1,148,000	1,148,000 1,148,000	95,000 21,000 22,000	1,239,000	None	None	100.00	None
Williams (Oleum-Collusa)	1 2 3 1 Ref.	Jul. 1, 1921 Jan. 1, 1924 Jun. 1, 1924 Jan. 1, 1942-1959	Jan. 1, 1923-1937 Jan. 1, 1939-1961 Jan. 1, 1948-1961 Jan. 1, 1942-1959	6 6 6 6	----- ----- ----- -----	732,000 600,000 115,000 17,000	----- ----- ----- -----	686,000	332,000	70,000	562,000	51,000	414,600	None	None
Woodbridge	1	Mar. 1, 1928	Jan. 1, 1930-1954	5 1/2	-----	325,000	-----	325,000	-----	None	230,000	None	None	4.200	None
Totals	-----	-----	-----	-----	-----	98,809,165	36,402,175	104,628,914	24,945,060	12,920,680	90,240,234	7,149,973	17,046,153	1,251,856	40,153,432
Buena Vista W.S.D.	1	Jul. 1, 1929	Jul. 1, 1935-1968	6	-----	942,731	-----	942,731	-----	None	895,000	None	None	None	None

N Designates new refunding issue accepted by R.P.C. for loans advanced in purchase of old securities.

TABLE V
 DIRECTORY OF CALIFORNIA IRRIGATION DISTRICTS
 JANUARY 1, 1940

Name of District	County	Estimated Population			District Officials			District Office Address
		Inside Cities and Towns	Outside Towns	Total	President	Secretary	Manager or Engineer	
Alpough	Tulare	-----	400	400	E. P. Lamy	Widford Sotke	E. R. Crowell	Box 67, Alpough
Anderson-Cottonwood	Tulare, Fresno, Kings	8,000	12,000	20,000	W. B. Longles	Ellis W. Shanahan	Clyde Smith	286 North L Street, Dinuba
Anta-Carbona	Shasta, Tehama	1,600	2,950	4,550	W. M. Treat	Elvira Draper	J. R. Knight	P.O. Box 299, Tracy
Bard (Part of Yuba Project)	San Joaquin	-----	600	1,500	E. D. Reyner	C. D. Haughtelin	P. E. Treask	P.O. Box 1, Bard
Baxter Creek	Imperial	100	-----	1,500	J. M. Wagner	-----	-----	Susenville
Beaumont	Lassen	-----	170	170	Alfred Luond	Dorothy S. Benedict	U. S. Murphy	Beaumont
Big Valley	Riverside	2,400	500	3,000	R. L. Frewett	Ray E. Bright	-----	Beaumont
Bluffs	San Diego	185	15	200	W. C. Feltch	W. C. Feltch	-----	Bluffs
Brown Valley	Lassen, Modoc	-----	80	80	H. C. Lambart	Ray G. Burris	-----	Bluffs
Butte Valley	Yuba	175	900	1,075	Chas. L. Lambert	-----	Harry Kilmord	Stroms Valley
Byron-Bethany	Siskiyou	250	100	350	Henry H. Anderson	M. A. Gilmer	-----	Maddox
Camp Far West	Contra Costa, San L. Alameda	250	300	550	Geo. K. Anderson	G. A. Howard	Donald N. Housloc	Byron
Carmichael	Placer, Yuba	125	125	250	N. L. Buret	R. Anderson	M. C. Polk	Meatland
Carpenter	Sacramento	800	1,800	2,600	M. H. Lynch	Roy W. Sullivan	Leslie Williamson	Rt. 5, Box 1427, Sacramento
Citrus Heights	Orange	-----	100	1,500	W. H. Flippen	D. S. Smiley	Porter A. Price	Rt. 1, Box 182, Orange
Compton-Delavan	Sacramento	-----	1,750	1,750	J. A. Gray	Floyd J. Lecher	R. A. Porch	Rt. 1, Box 161, Roseville
Consolidated	Colusa	9,500	18,000	27,500	L. C. Darling	Almer Leine	-----	Maxwell
Corcoran	Fresno, Tulare, Kings	-----	2,000	2,000	C. Geber	A. H. Steadman	-----	Box 209, Selma
Cordua	Kings	85	55	140	C. Grootveld	D. I. Brown	-----	Corcoran
Dear Creek	Yuba	3,000	1,500	4,500	M. A. Rantz	Jeanette Frank	-----	Memorial Auditorium, Marysville
Delano-Edwards	Tehama	-----	80	80	Charles Dicus	James D. Peters	-----	304 Broadway, Chico
East Contra Costa	Tulare, Kern	800	1,000	1,800	Paul DeLuz	George R. Geiser	-----	Sierra Vista Ranch, Delano
El Camino	Contra Costa	-----	600	1,400	James A. Nail	Margaret Wedgwood	-----	Brentwood
El Dorado	Tehama	-----	800	1,800	C. Grootveld	Roy Pyle	-----	Berber
Empire West Side	El Dorado	15	1,500	1,515	W. A. Rantz	W. E. Jenkinson	-----	Box 398, Placerville
Fair Oaks	Merced	4,000	410	4,410	A. T. McFarland	A. L. Cowell	-----	El Nido
Fresno	Kings	900	36	936	R. H. Newton	Chas. R. Hovy	-----	El Nido, Box 133, Stratford
Glenn-Colusa	Kings	-----	1,100	2,000	E. C. Chandler	Gerry L. Camattese	-----	101 West Pine Street, Exeter
Grenada	Sacramento	-----	1,100	2,000	E. C. Chandler	Edith W. Campbell	-----	Fair Oaks
Hollister	Fresno	-----	50,000	50,000	Philip A. Gordon	-----	-----	Helm Building, Fresno
Hot Spring Valley	Glenn, Colusa	-----	1,500	1,500	S. S. Havenor	H. R. Allard	-----	Willows
Imperial	Siskiyou	-----	2,000	300	C. J. Strong	G. Inabnit	-----	Grenada
Island No. 3	San Benito	-----	100	7,200	R. C. McMichlan	Thos. E. O'Donnell	-----	Hollister
Jacinto	Imperial	35,000	-----	70,000	S. E. Kelley	W. C. Bonner	-----	Hollister
Kings	Imperial	-----	166	156	Edwin F. Swess	-----	-----	El Centro
Kings River Delta	Kings	-----	250	395	Nelle Kaiser	Roscoe Caldwell	-----	-----
La Canada	Glenn	-----	300	250	W. M. Koehler	N. D. Ingham	-----	-----
Laguna	Fresno	-----	15	15	Geo. A. Smith, Jr.	George Thyarks	-----	-----
Lakeland	Los Angeles	1,400	-----	1,400	D. W. Green	P. E. Slatman	-----	-----
La Mesa, Lemon Grove, & S.V.	Fresno, Kings	-----	2,500	2,500	Fred L. Davis	Verna Adams	-----	-----
Lemoore	Kings	-----	5	5	E. P. Libby	R. P. Buribut	-----	-----
Linden	San Diego	300	5,000	10,000	Allen G. Mitchell	Ruth C. Drew	-----	-----
Lindero-Strathmore	San Diego	1,500	3,000	4,500	W. S. Winger	-----	-----	-----
Littlerock	Kings	-----	520	700	C. C. Anderson	A. L. Cowell	-----	-----
Lucerna	Tulare	-----	1,500	2,000	James S. Daniels	K. H. Clifford	-----	-----
	Los Angeles	-----	1,300	1,300	W. M. Ellis	T. C. Curtis	-----	-----
	Kings	-----	1,200	1,200	W. L. Baag	S. E. Salsback	-----	-----
		-----	1,200	1,200			-----	-----

TABLE V (CONTINUED)
 DIRECTORY OF CALIFORNIA IRRIGATION DISTRICTS
 JANUARY 1, 1940

Name of District	County	Estimated Population			President	District Officials			Manager or Engineer	District Office Address
		Inside Cities and Towns	Outside Cities and Towns	Total		Secretary	President	Secretary		
Madera	Madera	7,500	8,500	16,000	J. A. Secara	Harry Barnes	Harry Barnes	Harry Barnes	120 South D Street, Madera	
Maxwell	Colusa	15,000	12	15,000	J. Garibaldi	Thos. J. Hately	Thos. J. Hately	Thos. J. Hately	1714 - 10th Street, Sacramento	
Merced	Merced	21,000	10,000	31,000	D. E. Earnell	H. P. Sargent	H. P. Sargent	L. W. Reese	P.O. Box 769, Merced	
Modesto	Stanislaus	400	9,000	30,000	Milton L. Kidd	Roy G. Swigart	Roy G. Swigart	N. M. Cecil	223 - 11th Street, Modesto	
Montague	Siskiyou	150	150	300	H. L. Fraher	George Madeworth	George Madeworth	V. J. Reave	Roberts Building, Tracy	
Nevada	San Joaquin	2,500	9,500	12,000	Thos. Mulcahy	H. W. Edwain	H. W. Edwain	Wm. Durbrow	144 S. Auburn Street, Orass Valley	
Newport Heights	Nevada, Placer	400	400	800	Geo. A. Waterman	E. B. Woodrough	E. B. Woodrough	Costa Mesa	Costa Mesa	
Newport Mesa	Orange	3,500	4,200	7,700	Chas. M. Twinkie	D. J. Dodge	D. J. Dodge	Costa Mesa	Costa Mesa	
Oakdale	Stanislaus, San Joaquin	700	4,200	4,900	Fred N. Merrinew	C. W. Quilty	C. W. Quilty	Oakdale	Oakdale	
Orange Cove	Pescado, Tulare	730	700	1,430	H. W. Ashley	M. W. Schopf	M. W. Schopf	Orange Cove	Orange Cove	
Oraville-Whandotte	Butte	675	225	900	Carlson Gray	Doris Carl	Doris Carl	P.O. Box 308, Oroville	Palmalee 308, Oroville	
Palmalee	Los Angeles	2,300	3,300	5,600	E. P. Moulton	M. E. Fisher	M. E. Fisher	P.O. Box 38, Elythe	Paradise	
Paradise	Butte	1,300	2,500	3,800	Robert A. Grant	D. C. Peck	D. C. Peck	Paradise	Paradise	
Potter Valley	Mendocino	100	400	500	J. E. March	L. S. Clark	L. S. Clark	Potter Valley	Potter Valley	
Princeton-Codora-Oleann	Colusa, Glenn	250	750	1,000	Geo. S. Fonseca	M. G. Poage	M. G. Poage	Princeton	Princeton	
Provident	Colusa, Glenn	1,000	150	1,150	Chas. E. King	Randall Covert	Randall Covert	Willows	Willows	
Riverdale	Butte	170	100	270	Chas. E. King	Alvin L. Harry	Alvin L. Harry	Riverdale	Riverdale	
Riverdale	Fresno	800	2,500	3,300	L. P. Adams	Tine Z. Cushman	Tine Z. Cushman	Riverdale	Riverdale	
Santa Fe	San Diego	950	1,600	2,550	L. L. Buckler	Herbert Rynn	Herbert Rynn	Rancho Santa Fe	Rancho Santa Fe	
San Jacinto	San Diego	1,800	950	2,750	Ira E. Conner	D. H. Bakewell	D. H. Bakewell	San Jacinto	San Jacinto	
Scott Valley	Sierra	500	1,500	2,000	L. McAlvey	L. Judd	L. Judd	Scott Valley	Scott Valley	
Serrano	Orange	5,000	700	5,700	Willard Smith	F. R. Collins	F. R. Collins	R.D. No. 1, Box 260, Orange	R.D. No. 1, Box 260, Orange	
Shafter-Masco	Kern	1,000	8,000	9,000	Chas. Mestenberg	Fred Pritchke	Fred Pritchke	Box 127, Shafter	Box 127, Shafter	
South Fork	Modoc	500	80	580	D. E. Van Loan	C. S. Baldwin	C. S. Baldwin	Box 143, Alturas	Box 143, Alturas	
South Montebello	Los Angeles	1,000	10,000	11,000	James P. Diliya	Mabel E. Kennedy	Mabel E. Kennedy	1100 Mines Avenue, Montebello	1100 Mines Avenue, Montebello	
South San Joaquin	San Joaquin	5,000	10,000	15,000	Claus Popp	S. L. Steele	S. L. Steele	Maneta	Maneta	
Stinson	Pescado	10	25	35	Wm. H. Noble	H. R. Stone	H. R. Stone	Shafter, Fresno County	Shafter, Fresno County	
Stratford	Kings	300	100	400	D. C. Jones	Mildred Mearke	Mildred Mearke	Stratford	Stratford	
Table Mountain	Butte	200	25	225	John Iverson	C. J. Hermle	C. J. Hermle	Route No. 1, Oroville	Route No. 1, Oroville	
Terra Bella	Tulare	200	500	700	John A. Rowe	E. H. Robinson	E. H. Robinson	P.O. Box 126, Terra Bella	P.O. Box 126, Terra Bella	
Thermalito	Butte	200	1,500	1,700	J. L. Fry	M. E. Taylor	M. E. Taylor	Route 3, Oroville	Route 3, Oroville	
Tracy Clover	San Joaquin	200	200	400	C. P. Pason	George Madeworth	George Madeworth	Roberts Building, Tracy	Roberts Building, Tracy	
Tranquillity	Fresno	500	475	975	F. A. Miller	Iva Johnson	Iva Johnson	Tranquillity	Tranquillity	
Tulare	Tulare	2,000	5,000	7,000	E. C. Hesseltine	George A. Moran	George A. Moran	Tranquillity Building, Tulare	Tranquillity Building, Tulare	
Turlock	Stanislaus, Merced	7,000	18,000	25,000	E. O. McComb	J. P. McCoy	J. P. McCoy	117 West Main Street, Turlock	117 West Main Street, Turlock	
Vandala	Tulare	150	150	300	W. D. Emery	H. C. Pagan	H. C. Pagan	Box 1028, Forterville	Box 1028, Forterville	
Vista	San Diego	750	5,250	6,000	J. W. Rose	Chas. H. Hull	Chas. H. Hull	Vista	Vista	
Waterford	Los Angeles	425	300	725	F. C. Collins	E. D. Cronch	E. D. Cronch	Rivers	Rivers	
West Side	Stanislaus	354	1,365	1,719	J. E. Whitney	J. E. Whitney	J. E. Whitney	Waterford	Waterford	
West Valley	San Joaquin	100	300	400	Alfred Pereira	Marysly H. Hansen	Marysly H. Hansen	Box 177, Tracy	Box 177, Tracy	
Woodbridge	Stanislaus, Merced	250	300	550	M. W. Cox	Elbridge Smith	Elbridge Smith	Woodley	Woodley	
Totals	---	187,174	259,162	426,336	Elmer J. Shinn	M. E. Vaadivser	M. E. Vaadivser	Woodbridge	Woodbridge	
DIRECTORY OF CALIFORNIA WATER STORAGE DISTRICTS										
Buena Vista Water Storage	Kern	500	2,700	3,200	J. Leroy Mickel Jr.	J. H. Woolley	J. H. Woolley	Geo. E. Parker	Buttoms Willow	
North Kern Water Storage	Kern	---	---	---	Hugh S. Allen	G. L. Henderson	G. L. Henderson	O. L. Henderson	Box 380, Bakersfield	
Tulare Lake Basin Water Str.	Kings	---	---	---	Harry Lee Martin	Dan Hadsell	Dan Hadsell	Roy L. May	Hanford	

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