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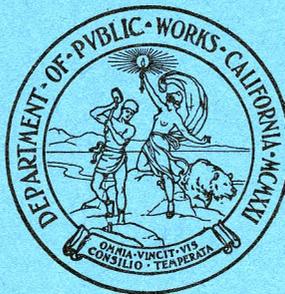
STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
DIVISION OF WATER RESOURCES

—○—
CULBERT L. OLSON, Governor
FRANK W. CLARK, Director of Public Works
EDWARD HYATT, State Engineer

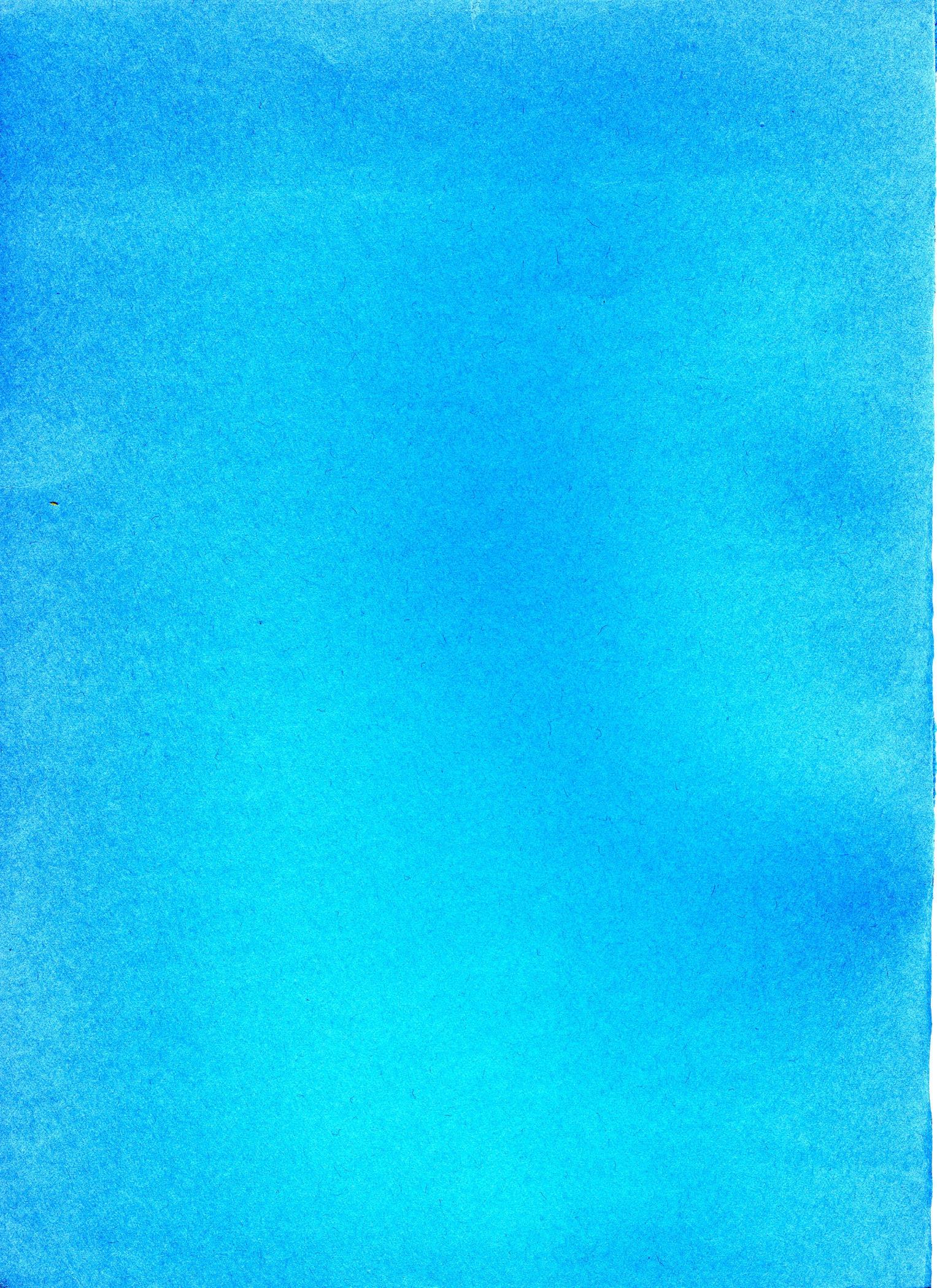
BULLETIN No. 21-J

REPORT
ON
IRRIGATION DISTRICTS
IN
CALIFORNIA

For the Year 1938



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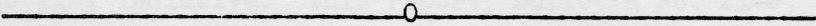
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ORGANIZATION

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EDWARD HYATT State Engineer



This report was prepared by

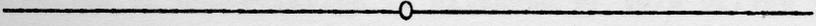
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Associate Hydraulic Engineer

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FOREWORD

A history of irrigation districts in California with complete reports on each of the individual organizations was published as Bulletin No. 21 by the Division of Engineering and Irrigation in 1929. To supplement and bring up to date the statistical information contained in that bulletin, the Division of Water Resources has since compiled a series of annual reports designated Bulletins No. 21-A to 21-I inclusive. This report, Bulletin No. 21-J, is the eleventh publication of the series and presents information collected for the year 1938.

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

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

ANNUAL REVIEW

Reports were received from eighty-five active irrigation districts in 1938. One new district was organized and one inactive district was dissolved during the year.

A review of district financial affairs indicates that continued progress was made during this period in refinancing those that had been in default and in restoring others to a sounder operating basis. The Reconstruction Finance Corporation held as security for loans advanced to thirty-two districts, \$37,535,369 in old bonds and \$2,422,768 in new refunding issues.

A total of 20,409 acres of district lands was reported sold back to private ownership and restored to the assessment rolls during the year. The average percentage of delinquencies in payment of assessments continued to decrease as it has for the past four years. For the districts as a whole the average delinquency for 1938 was 9.8 per cent, a decrease of 1.2 per cent from the preceding year as shown by the amount of tax certificates sold.

The total revenue collected by districts from all sources in 1938 was \$14,531,695 while total expenditures amounted to \$13,553,398 during the same period of operation.

The total area cropped in all districts reporting in 1938 was 1,911,563 acres of which 174,168 acres were dry farmed and 1,737,395 acres were irrigated.

The Growing Season of 1938

For most producing areas of the State natural conditions affecting growth and maturity of crops were relatively favorable. The late winter and spring were persistently cool, but there was no severely cold weather during this period. The summer and early fall were also without marked temperature extremes until the early part of November.

Total precipitation as recorded by the U. S. Weather Bureau was 126 per cent, and total snowfall 142 per cent of the 42 year average. Excessive rainfall occurred in February and March, both months having more than double the usual amount. Snowfall was heaviest in February when the average at mountain stations was over four times the normal.

Streams were high during the first half of the year due to excessive rainfall and later to melting of the accumulated snow pack. Severe floods occurred in nearly all parts of the state during this period and considerable damage to crops was caused by seepage and overflow waters. In June a large portion of Tulare Lake Basin was flooded from the Kings River with consequent loss of grain crops planted in the lake bed.

Moderate temperature and abundant moisture conditions were favorable however for most crops throughout the State. Ample water supplies were available for irrigation. Crop yields reported were generally fair to good despite flood losses and growth retardation due to the late spring.

Farm Operations

A review of statistics gathered by the California Crop Reporting Service for 1938 indicates a decrease in the volume and value of field crops produced during the season as compared with corresponding totals of 1937. This decrease ended five successive years of crop value gains that began in 1933. A large part of the difference between the total field crop values of 1938 and those of the previous year was due to reduced crop values of cotton, wheat and hay.

The total acreage of field crops harvested was about 5 per cent below the comparatively large area harvested the year before. The principal decreases in acreage were in cotton, wheat and beans.

Crops of grain sorghums and oats were larger. The potato crop was the largest ever produced in the State. Sugar beets also established a new high record, even though excess water forced abandonment of a considerable planted acreage.

Fruit and nut crops registered a slight decrease in production as compared with 1937. Average prices received for these commodities were also somewhat disappointing to many growers as they averaged about 78 per cent of the values obtained the previous year.

The position of livestock enterprises during 1938 was relatively more favorable than those producing crops. Weather and pasture conditions were exceptionally good. Abundant range feed throughout the season maintained stock in above-average condition and operating costs were low as little supplemental feeding was required.

DELANO-EARLIMART IRRIGATION DISTRICT

Location: Thirty miles south of Visalia and an equal distance north of Bakersfield, the greater part of the area lying in Tulare County and the remainder in Kern County.

Date of Organization: October 18, 1938.

Gross Area: 32,400 acres

Post Office: Delano

Railroad Transportation: Main line Southern Pacific Railroad.

The Delano-Earlimart District comprises approximately fifty sections of highly developed agricultural land lying in southern Tulare County and northern Kern County. It was organized during the year by a popular vote of 185 to 13 in order to contract for a supplemental water supply from the Central Valley Project.

Early History

Construction of the Southern Pacific Railroad through this region was a prominent factor in its early development. The site of Earlimart was approached by the line building from the north in the winter of 1872 and Delano was reached shortly thereafter. In 1873 Delano was the end of the line and the only town in Kern County that could boast a railroad connection. The town was then notable as a wool clip center and wheat shipping point.

In 1875 the Southern Pacific Company drilled an artesian well near Tipton a few miles north of the Delano-Earlimart area.

This well while only 310 feet deep was reported to have irrigated 40 acres. From then on until the nineties a number of wells were drilled, steam and gas engines being used for pumping where artesian flows were not obtained. The first raisin vineyard was planted near Delano in 1891. There is record of a small orange grove at Earlimart in 1903 that netted \$150 per acre. In 1911 the San Joaquin Light and Power Company began the extension of transmission lines to surrounding farms and development of irrigated areas by pumping rapidly followed.

Soils and Topography

The Delano-Earlimart District comprises a compact body of valley land about seven miles wide and nine miles in length extending along the east side of the Southern Pacific Railroad between the two towns from which it takes its name. The topography is comparatively uniform with a slope to the west of 15 or 20 feet to the mile. There are no natural drainage channels traversing the area. A shallow sandy depression forming the channel of White River extends two or three miles into the district from its eastern boundary but surface flows from the watershed rarely reach that far.

The soils of the district area are described in the Pixley and Wasco soil surveys made in 1935 and 1936 by the Department of Soil Technology of the University of California in cooperation with the Bureau of Chemistry and Soils, U. S. Department of Agriculture. Classified according to agricultural use 90 per cent of the district area

is given a Class I rating. No alkali or hardpan are present in this classification. About 9 per cent of the area carries a Class II rating as these lands are underlaid by hardpan or tight subsoils but are nevertheless suitable for a fairly wide range of crops. Only a minor area of some 400 acres within the original district boundaries are considered marginal in character. The Class I and Class II groups are for the most part alluvial soils of recent origin, are fertile, easily tilled and have a wide range of adaptability for irrigated crops.

Present Development

There are no incorporated towns or urban communities within the district limits as Earlimart and Delano lie just outside the westerly boundary on the main line of the Southern Pacific Railroad. This line and the Porterville Branch which runs to the east of the district provide ample shipping facilities at convenient loading stations. Highway No. 99 which parallels the main line of the Southern Pacific Railroad also affords means of shipping produce by truck to consuming centers.

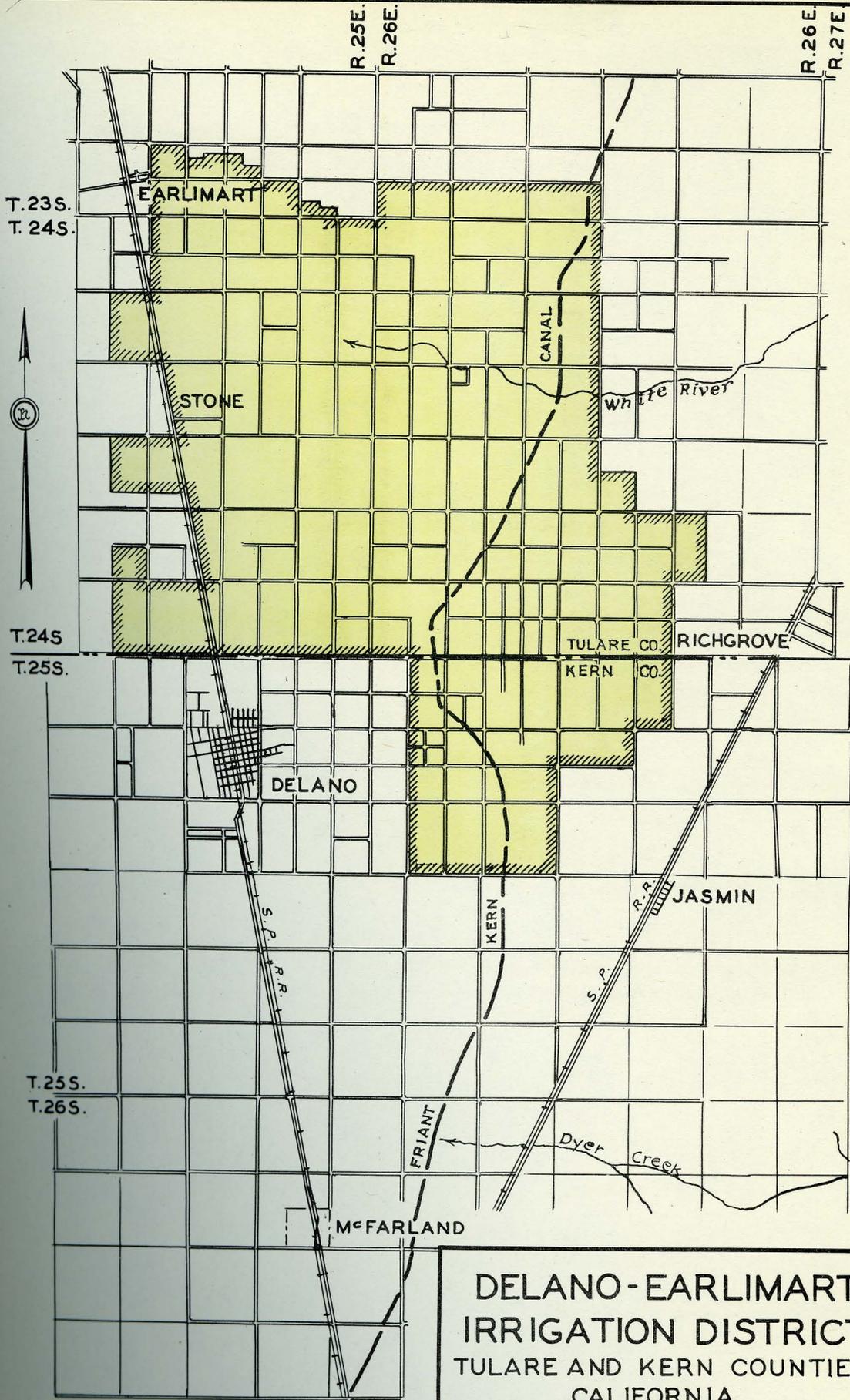
A crop survey of the district made in 1936 and rechecked in 1938 indicates that about 69 per cent of the area is under irrigation. All of the water supply is pumped from wells. Dry grain farming occupies 17 per cent and uncropped lands make up the remaining 14 per cent. The principal plantings are grapes, with cotton, vegetables, melons, alfalfa, deciduous fruits and olives ranking in the order named. The major portion of the unirrigated acreage is not developed due to the excessive

cost of producing a water supply from ground water which affords the only present available source.

Water Supply

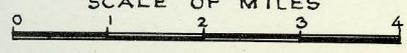
The history of the water supply of this area is similar to that of other Upper San Joaquin Valley districts. A steady increase in the area devoted to irrigated crops has caused excessive draft on the underground water supply. Since recharge of the groundwater has been less than draft, a continuous drop in the water level has taken place. Records kept during the period 1921 to 1936 show that along the western boundary of the district, where pumping has been a minimum, the average drop in water levels for the fifteen year period has been about 40 feet while over the major portion of the area it has averaged 75 feet. Pumping lifts now range from 150 feet to 280 feet with a present average under the areas of greatest development of 250 feet.

The only possibility of securing additional water within economic limits is through importation of an outside supply. The district was organized to contract for such a supply from the Friant-Kern Canal of the Central Valley Project. This canal will pass through the eastern portion of the district affording means of serving two-thirds of the area with a gravity supply while the remaining third can be reached by reasonable pumping lifts from the canal.



**DELANO-EARLIMART
IRRIGATION DISTRICT
TULARE AND KERN COUNTIES
CALIFORNIA**

ORGANIZED OCTOBER 18, 1938
SCALE OF MILES



FALLBROOK IRRIGATION DISTRICT
DISSOLVED

The Fallbrook Irrigation District in San Diego County was formally dissolved by decree of the Superior Court on November 26, 1938. The district was organized in 1925 and endeavored without success for a number of years to obtain a water supply from Santa Margarita River. Efforts were then directed toward the San Luis Rey River as a possible alternate source.

The plans contemplated pumping from wells or water-bearing lands in the riverbed and utilizing underground storage basins to avoid costly construction of a surface reservoir. On a showing that the available water supply from San Luis Rey River would be entirely inadequate for the entire project, the district voluntarily excluded about half of the lands within its boundaries leaving some 5000 acres to be provided for under the amended plan.

An application for a grant and loan from the Federal Government to construct the necessary works was filed with the Public Works Administration in 1937, but was rejected as being economically unsound. Steps were then taken to bring about a reorganization in order to sponsor a project on a smaller scale. The irrigation district was dissolved and all of its assets including water permits on San Luis Rey River were turned over to the Fallbrook Public Utility District which supplied domestic water to the area from a small pumping plant on Santa Margarita River.

IRRIGATION DISTRICTS ASSOCIATION

The Irrigation Districts Association of California is a mutual association, formed about 1910, for the purpose of furthering the interests of various types of districts engaged in the distribution of water for irrigation. It has a membership of over one hundred such districts, organized under various existing laws, including irrigation districts, county water districts, water districts and reclamation districts, located in thirty-five separate counties of the state. The objectives of the association are to strengthen the districts legally, financially and economically. Two meetings are usually held each year at which delegates assemble for discussion of matters affecting their organizations.

San Jose Meeting

The first meeting in 1938, held at San Jose on March 17th and 18th, was attended by about 200 representatives of member districts. Topics under consideration included important litigation then pending in four cases affecting the financial rights, and relations of irrigation districts in general. The Association filed briefs as amicus curiae in each of these cases as it was deemed advisable that all of the districts be represented through their organization.

A committee report by attorneys was presented containing recommendations regarding the handling of lands deeded to irrigation

districts for delinquent assessments. The restoration of these lands to private ownership had brought up many perplexing problems and a wide variety of methods were employed by different districts in dealing with them. Recommendations of the committee were helpful in establishing a more uniform procedure.

Several important papers were read before the delegates relating to subjects of common interest encountered in district management and operation.

Riverside Meeting

The second session of the Association convened at Riverside October 12th, 13th and 14th, 1938. The meeting was largely devoted to consideration of new legislation affecting the districts that would be introduced at the forthcoming session of the State Legislature. Resolutions were passed endorsing the Revenue Bond Act and disapproving the Single Tax Proposition and the Life Retirement Pension Act. Proposed amendments to several sections of the Irrigation District Act were referred to an executive committee for consideration and drafting of necessary bills.

The Secretary of the Association reported that he had visited forty-eight member districts during the year and, taken as a whole, had found them in a much healthier condition financially and physically than they had been for several years. The assistance received by districts from agencies of the Federal Government in refinancing and in rehabilitating works was largely credited for the improvements shown.

DISTRICTS SECURITIES COMMISSION

The California Districts Securities Commission, created by act of the Legislature in 1931, is composed of five members: the Attorney General, the State Engineer, the Superintendent of Banks and two other members experienced in irrigation district affairs appointed by the Governor. The principal work of this Commission during the past few years has centered around the reorganization and refinancing problems presented by many of the districts that were unable to meet their outstanding obligations following the agricultural depression.

Special Provisions for Control of Districts

Section 11 of the Districts Securities Commission Act provides that any district more than 20 per cent in default in payment of debt may on application come under control of the Commission in the matter of levying assessments and making expenditures from funds. Thereafter such districts continue to operate under the Commission until the amount that can be raised by annual assessment, together with all other revenues, is sufficient to pay off any matured or un-refunded obligation. In fixing assessments, with approval of the Commission, these districts may levy only for such total amounts as appear reasonably possible for the lands to pay without exceeding a delinquency of 15 per cent. The operation of this section has been effective in checking the pyramiding of delinquencies that would otherwise have resulted in final confiscation of the lands.

Districts Operating Under Commission

Since the effective date of the passage of Section 11, twenty-seven districts have operated at various times under the Commission. Twelve of these have successfully cleared up their defaults through refunding operations and are no longer subject to its jurisdiction. Fifteen districts still under Commission Control that levied assessments for 1938-39 in accordance with the provisions of Section 11, are given in the following tabulation:

<u>District</u>	<u>Date of Control by Commission</u>
Banta Carbona	July 30, 1934
Byron Bethany	November 13, 1935
Corcoran	August 9, 1933
Grenada	August 24, 1935
James	September 7, 1937
Lindsay-Strathmore	July 7, 1933
Merced	August 22, 1933
Montague	September 12, 1933
Naglee-Burk	August 3, 1934
Oroville-Wyandotte	August 7, 1933
Provident	August 5, 1936
Thermalito	August 24, 1933
Tracy-Clover	August 10, 1933
Waterford	May 10, 1933
West Side	August 2, 1933

At the close of the year nine of the above districts were well advanced in their refunding operations. Loans received from the Reconstruction Finance Corporation had been disbursed to take up a large part of the old securities at a discount and suits were pending before the United States District Courts for confirmation of the adopted refunding plans in order that the terms might be made binding on all bond holders of record.

The other districts were at various stages in their negotiations for reorganization with prospects that a number of them, through aid of the Commission, would soon complete their plans. Their status at the close of the year is shown in the table below.

Refinancing Progress

District	Bonds Outstanding	Status as of January 1, 1939
Grenada	136,000	All but \$1,000 principal amount of bonds purchased through loan of \$20,750 negotiated by district. Warrants issued in payment of loan.
Montague	1,395,000	Applications for refunding loans from R.F.C. denied. No plan of refinancing acceptable to bondholders yet evolved.
Naglee-Burk	186,000	Loan authorized by R.F.C. sufficient to pay bonds at approximately 32¢ on the dollar. About 76% of bonds deposited in acceptance of plan.
Provident	957,000	Practically all land has been tax deeded to district. To date R.F.C. has refused refinancing loan. Negotiations still pending.
Waterford	631,925	Loan authorized by R.F.C. sufficient to pay 49¢ and district funds available to pay additional 10¢ making total offer of 59¢ on the dollar. Confirmation of plan pending before referee of U.S. District Court.
West Side	510,500	Loan authorized by R.F.C. sufficient to pay approximately 50¢ on the dollar. Large percentage of bonds deposited and disbursement of loan will soon be made.

STATISTICAL INFORMATION

The group of statistical tables following this chapter give in convenient form information regarding operations of California irrigation districts for the year 1938. A brief discussion of the main features brings out any changes that have taken place and compares the total figures with those for previous years.

Source of Supply, Storage and Distribution of Water

In Table I are shown the sources of water supply of the districts, capacities of reservoirs, water stored during the season of 1938, the amount of water diverted by gravity and by district pumps, and the distribution of water diverted. The number of district wells reported in operation is given together with the installed horsepower and average pumping lift.

There were twenty-three major storage reservoirs operated by irrigation districts and one by a water storage district with a combined total capacity of about 1,625,000 acre-feet. Water stored during the season amounted to 1,177,500 acre-feet or 72 per cent of the available reservoir capacity. The total amount of water diverted was reported as 8,851,500 acre-feet of which approximately 90 per cent was by gravity, 6 per cent by pumping from streams, and 4 per cent by pumping from district wells.

The districts operated 323 irrigation wells and 336 drainage wells, and for all pumping operations reported an installation of

38,490 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 furnished by the 12,571 private wells listed in district areas.

Irrigation District Crop Summary

Table II gives the gross and irrigable area of 96 irrigation districts. It also shows the dry-farmed and irrigated acreage cropped in 1938, as well as the kind of crops produced. 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 on January 1, 1939.

The districts listed contain a total of 3,484,687 acres of which 2,898,420 acres are considered to be irrigable land. The total number of separate holdings in these districts was reported to be 100,849 of which it is estimated that approximately 61,000 are farm holdings with a population of 245,000.

The area held by districts under tax deed decreased during the year from 352,177 acres to 338,742 acres. The percentage of the total area of all districts held under tax deed on January 1, 1939, was 9.7 per cent a slight decrease over the preceding year when it was reported as 10 per cent. 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 out 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 1938 was 1,911,563 acres, of which 174,168 acres were dry farmed and 1,737,395 acres were irrigated. There were also 297,210 irrigated acres reported double cropped making a total of 2,034,605 irrigated acres harvested during the season. Sixty per cent of the irrigable area was irrigated. This was a decrease of 106,930 acres in the area irrigated as compared to that reported in 1937.

Following is a summary of the kind and acreage of irrigated crops, including double crops, reported for 1938.

<u>Kind of Crop</u>	<u>Acres</u>	<u>Per cent of Whole</u>
Alfalfa and Ladino Clover	447,531	22.0
Cotton	48,453	2.4
Rice	45,479	2.2
Grain and grain hay	274,301	13.5
Field and truck	443,705	21.8
Grapes	157,054	7.7
Deciduous fruit, nuts, olives	117,649	5.8
Citrus and avocado	48,494	2.4
Irrigated pasture	54,558	2.7
Not Segregated	<u>397,381</u>	<u>19.5</u>
	2,034,605	100.0

Assessments, Tax Certificates, Receipts and Disbursements

Table III gives the principal sources and amounts of income for each of the active irrigation districts. The total assessments

payable in these districts for the calendar year 1938, computed by taking one-half of the sum of the levies made for 1937-38 and 1938-39, was \$4,841,808. This was a decrease of \$32,753 in the amount levied for the previous calendar year.

A comparison of the total assessments levied during the past eight years and the apparent average delinquencies in payment as shown by the amount of tax certificates sold each year is given in the following tabulation.

<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	551,815	11
1937-38	4,887,630	478,085	9.8

The total amount of tax certificates sold in 1938 was about 13 per cent less than the preceding year and shows a continuation of the trend of improvement that has been evident since the pyramiding of unpaid assessments was checked in 1934. The average delinquency for all districts as a group was only 9.8 per cent in 1938.

Collections from assessments, redemptions and penalties in 1938 amounted to \$5,071,096; water tolls and power sales were \$5,787,062;

receipts from rentals, crop shares and miscellaneous sources added \$3,210,147; while returns from sale of district owned land brought in \$463,390, making a grand total of \$14,531,695 collected during the year. Expenditures for all purposes during this same period amounted to \$13,553,389 as shown by the last column of the table.

Bonds and Warrants

Table V presents the status of irrigation district bonds and registered warrants outstanding as of January 1, 1939. Of the thirty odd districts listed as being in default in payment of bond principal and interest, twenty of these were in the process of re-financing their outstanding indebtedness through loans from the Reconstruction Finance Corporation. Several of the other defaulting districts were endeavoring to work out refunding plans, but had not completed their negotiations.

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. had been disbursed to purchase old bonds at a discount, the amounts of the outstanding loans are shown together with the bonds taken up and held by R.F.C. A comparison between the columns showing the bonds outstanding and the bonds held by R.F.C. indicates the extent to which the refunding plans had been completed at the beginning of the year 1939.

Refunding bonds to cover the R.F.C. loans have been ap-

proved by the Securities Commission and 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 as outstanding obligations of the districts and 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, 1939, seventy-three districts had a total of \$89,584,333 in outstanding bonds. The Reconstruction Finance Corporation held \$2,422,768 in new refunding issues, and \$37,535,369 in old bonds as security for loans that had been advanced to thirty-two of the districts.

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TABLE I
DATA RELATING TO SOURCE OF SUPPLY, STORAGE AND DISTRIBUTION OF WATER FOR CALIFORNIA IRRIGATION DISTRICTS
January 1, 1939

Name of District	Source of Water Supply	Wells and Pumps				District Plants		Reservoirs		Acre-feet of Water Diverted in 1939			Distribution of Water Diverted by Districts				
		District		Total	Private	In- stalled Horse Power	Aver- age Pump Lift in ft.	Capacity Acre-feet	Storage Acre-feet	By Pump	By Gravity	Total	District Boundary			Outside District Acre-feet	
		Irri- gation	Drain- age										Irri- gation Acre-feet	Domestic Acre-feet	Total Acre-feet		
Alpaugh	District Wells	36		36	0	900	76			10,606		10,606	10,007		10,007		
Alta	Kings River				2,091					0		208,424	208,424		208,424		599
Anderson-Cottonwood	Sacramento River					115	17					126,000	126,000		118,670		
Banta-Carbona	San Joaquin River	9		9	1	4,350	113			32,336		32,336	30,711		30,711		1,625
Bard(Part of Yuma Proj.)	Colorado River									40,416		40,416	29,710		29,710		
Beaumont	San Geronio Creek and Wells	10		10		720	100	420	420	1,252		1,492	2,744	1,967	777	2,744	
Big Springs	Big Springs											4,140	4,140	4,140		4,140	
Browns Valley	North Fork Yuba River											18,792	18,792	18,792		18,792	
Butte Valley	Butte Creek,Antelope Creek and Wells	7		7	0	180	40			2,000		1,000	3,000	3,000		3,000	
Byron Bethany	Old River (San Joaquin River)		3	3		1,105	60			10,329			10,329	6,120		6,120	
Camp Far West	Bear River							5,000	5,000			5,000	5,000		5,000		
Carmichael	American River					450	165			2,624		520	3,144	3,144		3,144	
Carpenter	Santiago Creek and Wells	2		2	2	440	370	6,250	2,337	19		1,665	1,694	1,694		1,694	
Citrus Heights	American River (North Fork Ditch Co.)											2,700	2,700	2,700		2,700	
Compton Delevan	Sacramento River (Glenn-Colusa I.D.)									9,946		34	9,990	6,900		6,900	
Consolidated	Kings River				3,600							354,000	354,000	345,000		345,000	9,000
Corcoran	Kings River, Cross Creek, and Wells	14		14	215	607	90			4,264		40,050	44,314	44,314		44,314	
Cordua	Yuba River											9,323	9,795	7,795		7,795	1,538
Deer Creek	Deer Creek											3,125	3,125	3,125		3,125	
Delano-Marlmart	Private Wells																
East Contra Costa	Old River (San Joaquin River)		13	13		2,320	99			17,634			17,634	16,315		16,315	
El Camino	District Wells	30		30	0	990	50			3,109			3,109	3,109		3,109	
El Dorado	South Fork American River and Webber Cr.				2			1,450	1,275			9,256	9,256	7,300	1,943	9,143	113
El Hido	Wells and purchase from Merced I.D.	5		5	65	110	45										
Empire West Side	Kings River and Wells				6							4,000	4,000	4,000		4,000	
Exeter	Private Wells																
Fair Oaks	American River (North Fork Ditch Co.)											4,050	4,050	2,700	1,350	4,050	
Fresno	Kings River and Wells	7		7	3,000	210	30					493,792	493,792	461,262		461,262	27,530
Glenn-Colusa	Sacramento River and Stony Creek					3,375	6			228,000		33,000	261,000	253,817		253,817	
Grenada	Shasta River					650	95			5,792			5,792	5,792		5,792	
Hollister	San Benito River and Wells				250												
Hot Spring Valley	Pit River and Big Sage Reservoir							75,000	58,000			8,600	8,600	8,600		8,600	
Imperial	Colorado River											3,767,996	3,767,996	2,973,593		2,973,593	794,403
Island No. 3	Kings River (From Consolidated I.D.)				140							9,000	9,000	9,000		9,000	
Jacinto	Sacramento River									16,660			16,660	16,190		16,190	100
James	Kings River, San Joaquin River and Wells	67		67		1,335	50	500	500	17,647		10,734	28,381	28,190		28,190	201
Kings River Delta	Kings River and Wells				5							1,000	1,000	1,000		1,000	
La Canada	Canyons, Tunnels, Wells	2		2		295	900	10	10	46		419	465	465		465	
Laguna	Kings River				300							93,158	93,158	70,000		70,000	
Lakeland	Kings River, Tule River and purchase																
Lakeside	District Wells	1		1		15	150			29			29	29		29	
La Mesa, L.G. and S.V.	San Diego River (El Capital Reservoir)					1,020	20	22,595	20,345	1,942		3,054	4,996	4,293		4,293	195
Lemoore	Kings River (Lemoore Canal & Irrig. Co.)											93,074	93,074	93,074		93,074	
Linden	Calaveras River, Rock Creek and Wells				200			7,000				2,150	2,150			2,150	
Lindmore	Private Wells																
Lindsay-Strathmore	Kaweah River and Wells	39		39	40	1,520	282	75	25	8,955		7,494	16,449	14,729	201	14,930	
Little Rock Creek	Little Rock Creek and Wells				2			4,500	2,200			1,539	1,539	1,490	49	1,539	
Lucerne	Kings River (Last Chance Water Ditch Co.)											90,979	90,979	90,979		90,979	
Madera	Private Wells, Fresno River (M.C. and LD)				1,900												
Maxwell	Sacramento River (Glenn-Colusa I.D.)									10,935		114	10,949	8,000		8,000	
Merced	Merced River and Wells		90	90	270	2,000	42	289,000	35,000	90,000		417,000	507,000	507,000		507,000	

* Pumped water purchased from Glenn Colusa Irrigation District

e Diversion and use of water estimated from best available information

TABLE I
 DATA RELATING TO SOURCE OF SUPPLY, STORAGE AND DISTRIBUTION OF WATER FOR CALIFORNIA IRRIGATION DISTRICTS - CONTINUED
 January 1, 1939

Name of District	Source of Water Supply	Wells and Pumps				District Plants		Reservoirs		Acre-feet of Water Diverted in 1938			Distribution of Water Diverted by Districts				
		Irrigation	Drainage	Total	Private	In-stalled Horse Power	Average Pump Lift in ft.	Capacity Acre-feet	Storage Available Acre-feet	By Pump	By Gravity	Total	Inside District Boundary			Outside District Acre-feet	
													Irrigation Acre-feet	Domestic Acre-feet	Total Acre-feet		
Modesto	Tuolumne River and Wells		69	69	130	1,250	30	110,600	71,500	65,100	296,713	361,813			361,813		
Montague	Shasta River							70,000	35,000		9,028	3,528			3,528		5,500
Maglee-Burk	Old River (San Joaquin River)					125	16			6,997	6,997	6,120			6,120		23
Nevada	Yuba River and Tributaries					15	60	93,000	93,000	1,142	195,520	196,662	35,517	8,696	44,213		22,986
Newport Heights	District Wells	2		2		280	95			1,050		1,050		1,050			
Newport Mesa	District Wells	1		1		75	165			400		400		400			
Oakdale	Stanislaus River		17	17	5	173	20	56,250	56,250	2,500	214,371	214,371		214,371			
Orange Cove	Private Wells				200												
Oroville-Wyandotte	Feather River					10	20	6,300	6,300		32,000	32,000		16,000		16,000	16,000
Palmdale	Littlerock Creek and Wells																
Palo Verde	Colorado River										232,534	232,534		232,534			
Paradise	Little Butte Creek					60	92	3,040	3,040		1,356	1,356		1,156	200	1,356	
Potter Valley	Hel River (From P.G. & E.)										4,963	4,963		4,963		4,963	
Princeton, Codora, Glenn	Sacramento River (Glenn Colusa I.D.)									* 39,839	632	40,520	40,443		40,443		
Provident	Sacramento River (Glenn-Colusa I.D.)					100	8			* 52,212	9,479	61,690	47,715		47,715		10,473
Ramona	District Wells	13		13		35	160			50		50		50			
Richvale	Feather River					177	8			12,543	70,739	83,282		83,282		83,282	
Riverdale	Kings River (Murphy Slough)				195					35,000	35,000	35,000		35,000		35,000	
San Dieguito	San Dieguito River (Lake Hodges Res.)					133	125	4,320	4,000	499	1,910	2,409		1,910	229	2,119	
Santa Fe	San Dieguito River (Lake Hodges Res.)					290	80	6,576	6,576		2,375	2,375		2,766	109	2,975	
San Ysidro	District Wells	5		5	5	50	220			390		390		390		390	
Scott Valley	Scott River									3,500	3,500	3,500		3,500		3,500	
Serrano	Santiago Creek and Wells				5			6,250	6,000		2,212	2,212		2,212		2,212	
Shafter-Wasco	Private Wells																
South Fork	South Fork Pit River							17,700	17,700		7,900	7,900		7,900		7,900	
South Montebello	District Wells	3		3	0	225	180			800		800		800		800	
South San Joaquin	Stanislaus River							97,500	97,500		213,580	213,580		213,580		213,580	
Stinson	Kings River and Wells	21		21	15	690	56				12,000	12,000		12,000		12,000	
Stratford	Kings River (Empire Water Co.)																
Table Mountain	Feather River							4,730	3,600								
Terra Bella	District Wells	27		27	4	1,490	360			4,332		4,332		4,676	156	4,832	
Thermalito	Feather River							3,870	3,600		5,892	5,892		3,010	2,872	5,892	
Tracy Clover	Old River and District Wells	4		4		42	50			916		916		916		916	
Tranquillity	San Joaquin River, Kings River and Wells	10		10	1	555	75			5,500	18,695	24,195		24,195		24,195	
Tulare	Kaweah River and Private Wells										25,000	25,000		25,000		25,000	
Turlock	Tuolumne River and District Wells		132	132		2,728	42	308,000	226,000	169,412	477,541	646,953	369,719		369,719		
Vandalia	Tule River and Wells	12		12	20	520	240			1,856		1,856		1,856		1,856	
Vista	San Luis Rey River (Lake Henshaw Res.)				7			205,000	150,000		8,553	8,553		8,143	410	8,553	
Walnut	San Gabriel River and Wells	3		3	2	140	140			1,200	1,200	1,200		1,200		1,200	
Waterford	Tuolumne River									34,919		34,919		34,919		34,919	
West Side	San Joaquin River		5	5		1,900	83			13,706		13,706		11,963		11,963	96
West Stanislaus	San Joaquin River				3	4,945	102			43,834		43,834		42,672		42,672	1,162
Woodbridge	Mokelumne River									75,660		75,660		75,660		75,660	
Totals		323	336	659	12,571	33,490	5,017	1,392,947	945,179	898,591	7,840,199	8,738,790	7,365,658	18,885	7,384,543	991,544	
Buena Vista Water Str.	Kern River				146			232,329	232,329		112,793	112,793		110,998		110,998	1,795

* Pumped water purchased from Glenn Colusa Irrigation District

e Diversion and use of water estimated from best available information

Name of District	Gross Area in Acres	Irrigable Area in Acres	Area Held by Districts under Tax Deed, Acres	Estimated Number of Holdings			Kind and Acreage of Irrigated Crops										Area Cropped			
				Farm Land	Town Lots	Total	Alfalfa and Ladino	Cotton	Rice	Grain and Grain Hay	Other Field and Truck	Grapes	Deciduous Fruits Nuts & Olives	Citrus and Avocado	Pasture	Not Segregated	Irrigated Acres	Dry Farmed Acres	Total Acres Cropped	
Alpaugh -----	8,131	7,300	3,841	175	-----	175	-----	-----	-----	-----	-----	-----	-----	-----	-----	7,000	7,000	-----	7,000	
Alta -----	129,300	110,000	None	3,500	2,700	6,200	-----	-----	-----	-----	-----	-----	-----	-----	109,000	109,000	-----	109,000		
Anderson-Cottonwood --	32,000	28,000	3,070	363	350	713	5,600	-----	-----	-----	-----	2,835	125	475	-----	-----	9,035	-----	9,035	
Banta-Carbona -----	15,604	14,000	69	185	3	188	1,752	-----	-----	-----	4	12,571	21	688	-----	a 13,686	565	-----	14,251	
Bard (part Yuma Proj.)	6,700	6,100	None	169	2	171	4,914	2,536	-----	-----	351	906	-----	133	103	491	10	b 4,827	-----	4,827
Baxter Creek -----	8,926	7,500	-----	90	-----	90	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Beaumont -----	4,141	3,100	-----	379	1,327	1,706	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Big Springs -----	3,696	2,600	73	50	-----	50	1,121	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	1,935
Browns Valley -----	44,000	11,700	None	150	25	175	-----	-----	-----	-----	-----	-----	-----	-----	980	-----	2,101	1,373	-----	3,474
Butte Valley -----	30,127	23,500	17,894	75	47	122	300	-----	-----	-----	775	200	-----	-----	-----	6,000	6,000	-----	6,000	-----
Byron-Bethany -----	17,200	14,000	None	198	54	252	2,652	-----	-----	-----	357	2,733	25	693	-----	-----	-----	-----	-----	-----
Camp Far West -----	4,084	2,620	None	8	-----	8	150	-----	-----	-----	-----	407	-----	676	-----	-----	-----	-----	-----	-----
Carmichael -----	3,136	2,500	None	776	-----	776	-----	-----	-----	-----	-----	-----	300	1,000	-----	-----	-----	-----	-----	-----
Carpenter -----	1,328	1,200	None	153	174	327	-----	-----	-----	-----	-----	-----	-----	1,200	-----	-----	-----	-----	-----	-----
Citrus Heights -----	3,167	2,700	184	420	-----	420	-----	-----	-----	-----	-----	424	1,037	61	-----	152	1,200	-----	1,200	-----
Compton-Delevan -----	12,652	11,000	12,652	-----	-----	-----	-----	-----	997	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Consolidated -----	149,027	130,000	204	4,600	20	4,620	8,650	-----	-----	-----	-----	76,875	7,709	50	-----	23	1,020	1,300	-----	2,320
Corcoran -----	51,600	45,000	3,564	184	-----	184	1,525	9,830	-----	-----	2,312	336	-----	-----	-----	20,075	113,359	-----	113,359	-----
Cordua -----	5,954	5,000	3,319	19	-----	19	455	-----	-----	-----	-----	237	-----	5	-----	-----	1,403	-----	1,403	-----
Deer Creek -----	2,185	1,900	None	17	-----	17	166	-----	-----	1,095	-----	-----	-----	5	-----	-----	1,342	-----	1,342	-----
Delano-Earlimart -----	31,000	27,000	None	265	-----	265	230	6,126	-----	-----	-----	1,640	12,140	420	-----	-----	20,606	5,160	-----	25,766
East Contra Costa -----	20,200	17,000	None	400	-----	400	399	-----	-----	-----	50	3,483	698	8,133	-----	-----	12,763	-----	12,763	-----
El Camino -----	7,546	6,500	950	270	-----	270	500	-----	-----	-----	-----	-----	-----	800	-----	-----	3,270	-----	3,270	-----
El Dorado -----	30,702	19,900	None	561	787	1,348	-----	-----	-----	-----	-----	-----	4,350	-----	-----	1,970	4,350	-----	4,350	-----
El Nido -----	9,330	7,400	-----	106	3	109	1,127	3,054	-----	-----	631	296	73	25	-----	-----	4,350	-----	4,350	-----
Empire West Side -----	6,460	5,500	None	8	-----	8	-----	50	-----	-----	4,000	-----	-----	-----	-----	-----	4,050	-----	4,050	-----
Exeter -----	12,280	10,000	None	497	971	1,368	2	-----	-----	-----	-----	60	4,801	997	2,998	-----	8,858	361	-----	9,219
Fair Oaks -----	4,268	3,700	137	299	160	459	33	-----	-----	-----	-----	175	1,509	387	-----	183	2,237	100	-----	2,337
Fresno -----	241,300	210,000	1,460	9,300	-----	9,300	-----	-----	-----	-----	-----	-----	-----	-----	-----	169,136	169,136	-----	169,136	-----
Glenn-Colusa -----	122,364	110,000	33,967	985	-----	985	9,950	19,349	-----	-----	4,491	65	-----	800	-----	250	34,905	17,336	-----	52,241
Grenada -----	2,200	1,800	701	30	18	48	978	-----	-----	-----	150	-----	-----	-----	-----	-----	1,128	-----	1,128	-----
Hollister -----	24,456	21,000	None	440	940	1,380	650	-----	-----	-----	-----	4,480	350	8,480	-----	-----	13,970	4,720	-----	18,690
Hot Spring Valley -----	9,533	5,250	-----	29	-----	29	300	-----	-----	-----	3,300	-----	-----	-----	710	-----	4,310	4,850	-----	9,160
Imperial -----	612,658	522,000	63,326	4,463	6,293	10,756	241,272	6,378	130	149,417	287,318	1,529	1,074	7,713	-----	1,576	416,130	-----	416,130	-----
Island No. 3 -----	4,620	4,000	None	150	-----	150	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	3,500	-----	3,500	-----
Jacinto -----	11,913	10,500	200	245	-----	245	1,617	-----	-----	-----	-----	2,329	-----	973	-----	904	5,823	553	-----	6,376
James -----	24,390	18,200	24,005	9	-----	9	1,075	3,960	-----	-----	2,767	1,064	13	-----	-----	-----	8,884	-----	8,884	-----
Kings River Delta -----	3,133	2,900	None	3	-----	3	100	211	-----	-----	-----	406	-----	-----	-----	-----	717	-----	717	-----
La Canada -----	1,321	1,100	160	-----	600	600	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Laguna -----	34,853	30,000	1,296	900	-----	900	-----	-----	-----	-----	-----	-----	-----	-----	-----	Dom.	-----	-----	-----	-----
Lakeland -----	23,283	21,000	1,035	24	-----	24	-----	-----	-----	-----	-----	-----	-----	-----	-----	27,000	27,000	-----	27,000	-----
Lakeside -----	320	250	None	90	-----	90	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
La Mesa L.G. and S.V. -----	19,873	13,000	7,536	1,100	5,700	6,800	-----	-----	-----	-----	-----	-----	517	2,691	-----	1,112	4,320	-----	4,320	-----
Lemoore -----	53,100	50,000	None	800	-----	800	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Linden -----	7,646	6,500	None	168	30	198	66	-----	-----	-----	-----	800	50	3,470	-----	800	5,186	2,420	-----	No Report
Lindmore -----	31,550	26,000	None	500	-----	500	616	-----	-----	-----	-----	3,247	2,523	7,589	-----	3,610	17,585	3,960	-----	21,445
Lindsay-Strathmore -----	15,141	10,200	4,908	366	12	378	-----	-----	-----	-----	-----	220	222	828	7,501	-----	8,771	45	-----	8,816
Littlerock Creek -----	2,603	2,200	1,434	95	-----	95	45	-----	-----	-----	-----	-----	-----	1,032	-----	-----	1,077	-----	1,077	-----
Lucerne -----	33,400	30,000	None	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Madera -----	172,547	160,000	None	2,000	2,132	4,132	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	No Report

a Banta-Carbona reported 1350 acres double cropped

b Bard reported 4617 acres double cropped

c Byron Bethany reported 181 acres double cropped

d El Nido reported 138 acres double cropped

e Carmichael cropped area estimated from previous surveys

f Imperial reported 230,277 acres double cropped

TABLE II
CALIFORNIA IRRIGATION DISTRICT CROP REPORT FOR 1938 - CONTINUED

Name of District	Gross Area in Acres	Irrigable Area in Acres	Area Held By Districts under Tax Deed, Acres	Estimated Number of Holdings			Kind and Acreage of Irrigated Crops										Area Cropped		
				Farm Land	Town Lots	Total	Alfalfa and Ladino	Cotton	Rice	Grain and Grain Hay	Other Field and Truck	Grapes	Deciduous Fruits Nuts & Olives	Citrus and Avocado	Pasture	Not Segregated	Irrigated Acres	Dry Farmed Acres	Total Acres Cropped
Maxwell -----	8,820	8,000	8,820	-----	-----	-----	-----	-----	-----	1,033	-----	-----	-----	-----	-----	-----	1,038	-----	1,038
Merced -----	189,682	165,000	28,718	2,500	2,148	4,648	13,450	5,004	2,314	15,000	16,252	10,997	18,955	-----	-----	-----	100,391	34,116	134,507
Modesto -----	81,203	73,000	120	3,500	4,600	8,100	16,856	-----	1,307	13,539	17,834	9,127	13,678	-----	17,414	2,680	69,713	5,377	75,090
Montague -----	25,495	18,000	11,860	100	225	325	1,317	-----	-----	-----	-----	-----	-----	-----	-----	-----	1,317	3,054	4,371
Naglee-Burk -----	2,873	2,300	849	35	-----	35	1,227	-----	-----	335	284	-----	-----	-----	198	-----	2,044	-----	2,044
Nevada -----	266,211	164,000	7,020	2,530	-----	2,530	206	-----	-----	-----	190	6,609	-----	-----	6,790	-----	14,860	-----	14,860
Newport Heights -----	1,503	1,300	None	-----	1,562	1,562	-----	-----	-----	-----	-----	-----	-----	-----	575	-----	605	-----	605
Newport Mesa -----	694	400	None	-----	220	220	-----	-----	-----	-----	-----	-----	-----	-----	200	-----	200	-----	200
Oakdale -----	74,300	64,000	5,223	1,600	1,400	3,000	22,535	296	2,513	1,090	4,036	1,398	4,138	51	1,007	24	36,039	30,744	66,783
Orange Cove -----	12,537	11,000	None	249	-----	249	-----	-----	-----	-----	40	1,969	899	2,085	-----	-----	4,983	7,500	12,483
Oroville-Wyandotte -----	23,862	21,000	5,528	442	76	518	-----	-----	-----	-----	-----	-----	940	1,126	-----	-----	2,066	-----	2,066
Palmdale -----	4,756	4,200	3,512	94	170	264	547	-----	-----	-----	-----	-----	258	-----	-----	105	950	-----	950
Palo Verde -----	95,593	75,000	22,000	475	325	800	15,030	6,466	-----	1,846	4,170	-----	200	-----	-----	-----	27,712	-----	27,712
Paradise -----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	589	1,740	-----	-----	-----	-----	2,328	365	2,693
Potter Valley -----	5,058	4,000	None	110	-----	110	700	-----	-----	-----	300	-----	505	-----	-----	-----	1,505	250	1,755
Princeton-Codora-Glenn -----	13,526	12,000	991	179	5	184	377	-----	1,852	12	607	-----	890	-----	304	-----	4,042	2,500	6,542
Provident -----	22,805	12,000	21,183	17	-----	17	42	-----	4,247	-----	25	-----	-----	-----	12	-----	4,326	228	4,554
Ramona -----	660	590	None	-----	225	225	-----	-----	-----	20	-----	-----	8	40	-----	-----	68	-----	68
Richvale -----	20,061	17,000	None	113	58	171	274	-----	8,152	-----	-----	-----	-----	-----	-----	-----	8,426	-----	8,426
Riverdale -----	15,830	14,000	159	180	-----	180	3,200	2,000	-----	9,200	2,500	-----	-----	-----	3,000	-----	19,900	-----	19,900
San Dieguito -----	4,000	3,000	None	610	900	1,510	-----	-----	-----	-----	708	-----	55	1,000	-----	-----	1,763	50	1,813
Santa Fe -----	10,106	6,980	3,147	330	460	790	-----	-----	-----	-----	-----	-----	160	2,325	-----	600	3,085	300	3,385
San Ysidro -----	523	500	3	-----	381	381	-----	-----	-----	-----	-----	-----	-----	-----	-----	Dom.	0	-----	0
Scott Valley -----	5,131	4,500	None	26	-----	26	1,500	-----	-----	1,600	-----	-----	-----	-----	-----	-----	3,100	-----	3,100
Serrano -----	1,497	1,300	None	140	-----	140	-----	-----	-----	-----	-----	-----	1,316	-----	-----	-----	1,316	-----	1,316
Shafter-Wasco -----	41,520	36,000	None	500	500	1,000	2,000	-----	-----	-----	-----	2,900	890	-----	-----	24,600	30,330	-----	30,330
South Fork -----	12,404	11,000	None	18	-----	18	100	-----	-----	500	-----	-----	-----	-----	9,600	2,100	12,300	-----	12,300
South Montebello -----	883	710	2	-----	320	320	40	-----	-----	-----	142	-----	15	175	-----	-----	372	86	458
South San Joaquin -----	71,112	64,000	1,179	1,950	935	2,885	18,478	-----	-----	11,752	5,800	7,709	5,291	-----	486	4,138	53,654	13,315	66,969
Stinson -----	10,950	9,000	10,135	1	-----	1	-----	-----	5,000	-----	1,000	-----	-----	-----	-----	-----	6,000	-----	6,000
Stratford -----	12,946	12,000	None	102	-----	102	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Table Mountain -----	1,955	1,700	941	19	-----	19	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Terra Bella -----	12,285	11,000	6,931	400	35	435	-----	-----	-----	60	-----	-----	242	1,965	-----	-----	2,267	4,970	7,237
Thermalito -----	3,160	2,700	1,113	256	200	456	49	-----	-----	-----	25	54	417	251	54	-----	850	-----	850
Tracy Clover -----	1,033	920	250	-----	85	85	226	-----	-----	89	58	-----	-----	-----	43	-----	412	121	533
Tranquillity -----	10,750	9,000	598	93	180	273	1,046	1,662	-----	1,426	-----	-----	-----	-----	-----	1,247	5,381	0	5,381
Tulare -----	33,500	30,000	None	550	-----	550	5,600	-----	-----	-----	1,462	-----	2,967	-----	-----	7,971	13,000	-----	18,000
Tule -----	15,000	10,000	-----	80	-----	80	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Turlock -----	181,650	162,000	-----	6,000	2,000	8,000	47,061	930	150	47,645	35,038	11,209	10,564	-----	6,645	-----	159,192	10,000	169,192
Vandalia -----	1,275	1,100	107	38	-----	38	-----	-----	-----	-----	16	-----	-----	1,168	-----	-----	1,134	92	1,276
Vista -----	17,888	14,500	2,856	1,598	-----	1,598	5	-----	-----	-----	659	26	23	6,180	1,000	-----	7,892	-----	7,892
Walnut -----	906	900	None	77	-----	77	-----	-----	-----	-----	-----	-----	905	-----	-----	-----	905	-----	905
Waterford -----	14,110	11,400	2,269	257	111	368	1,587	-----	320	-----	796	543	1,669	-----	233	137	5,275	7,995	13,260
West Side -----	11,820	11,000	2,138	94	382	476	1,613	-----	-----	648	4,140	123	362	-----	-----	-----	6,214	2,996	9,210
West Stanislaus -----	21,531	21,000	215	120	22	142	3,202	-----	-----	375	18,810	-----	474	-----	-----	-----	22,861	-----	22,861
Woodbridge -----	14,290	13,000	None	179	-----	179	2,968	-----	950	-----	2,836	-----	2,889	-----	1,073	-----	10,716	-----	10,716
Totals -----	3,484,687	2,898,420	338,742	61,076	39,773	100,849	447,531	48,453	45,479	274,301	443,705	157,054	117,649	48,494	54,553	397,331	1,737,395	174,168	1,911,563
Buena Vista Water Str. -----	75,464	46,924	None	175	43	223	2,119	9,011	-----	17,071	6,378	-----	-----	-----	-----	-----	34,579	-----	34,579

g Modesto reported 8972 acres double cropped

i Tracy-Clover reported 4 acres double cropped

h Oakdale reported 1049 acres double cropped

j West Side reported 672 acres double cropped

TABLE III

SUMMARY OF ASSESSMENTS LEVIED, TAX CERTIFICATES SOLD, CASH RECEIPTS AND CASH EXPENDITURES IN 1938

Name of District	Average Assessed Valuation Per Acre	Assessment 1937-1938				Assessment 1938-1939				Cash Receipts 1938					Total Cash Disbursements 1938	
		Total Assessed Valuation	Rate per \$100 of Valuation	Total Assessment Levied	Tax Certificates sold Including Penalties	Total Assessed Valuation	Rate per \$100 Valuation			Total Assessment Levied	Assessments Redemptions Penalties	Water Tolls and Power Sales	Rentals Crop Share Misc.	Sale of District Land		Total Receipts
							Bond Fund	General Fund	Total Rate							
Alpaugh -----	\$ 50	\$ 424,586	\$ 4.00	\$ 10,263	\$ 571	\$ 424,586	-----	\$ 3.50	\$ 3.50	\$ 9,108	\$ 9,492	\$ 20,351	\$ 23,300	6,324	\$ 59,967	\$ 76,672
Alta -----	65	8,380,445	1.61	134,993	-----	8,326,014	.28	1.13	1.41	117,378	127,314	323	6,376	739	134,755	135,941
Anderson-Cottonwood -	45	1,215,712	2.00	24,314	4,605	1,244,714	2.00	2.00	4.00	49,789	31,682	-----	1,544	5,799	39,024	32,369
Banta-Carbona -----	150	2,133,457	2.70	57,733	892	2,139,947	-----	3.00	3.00	64,198	86,153	90,576	3,105	3,723	173,557	204,380
Bard (Part of Yuma Pra)	100	595,700	0.20	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Beaumont -----	90	345,660	3.80	13,134	1,936	334,610	2.70	1.10	3.80	12,859	14,087	30,421	2,243	7,744	54,495	59,490
Big Springs -----	100	238,321	0.83	1,990	154	238,321	.594	.990	1.474	3,520	4,015	3,893	29	-----	7,942	7,990
Browns Valley -----	---	387,200	-----	0	-----	-----	-----	-----	-----	-----	-----	5,336	249	-----	5,585	6,073
Butte Valley -----	40	859,010	1.25 Ac	3,873	1,203	849,200	-----	-----	1.25	-----	2,131	1,281	1,571	394	5,367	5,321
Byron-Bethany -----	95	1,633,013	3.00	49,990	5,415	1,598,550	-----	3.00	3.00	47,556	47,688	20,051	371	-----	69,110	61,022
Camp Far West -----	85	349,625	6.47	22,635	None	349,625	5.94	.53	6.47	21,557	21,496	-----	13	-----	21,509	21,662
Carichael -----	90	249,559	11.75	29,323	7,305	248,745	-----	11.75	11.75	29,228	30,155	5,706	1,576	2,636	40,073	40,991
Carpenter -----	900	960,493	1.90	18,249	761	960,285	1.90	-----	1.90	13,245	17,472	12,399	1,036	-----	30,947	29,954
Citrus Heights -----	100	289,369	6.00	17,362	3,394	294,000	1.30	4.70	6.00	17,640	18,379	9,685	423	2,363	30,855	30,155
Compton-Delevan -----	75	-----	-----	0	None	-----	-----	-----	-----	0	0	19	18,993	0	19,017	15,822
Consolidated -----	100	9,322,203	1.00	93,222	4,013	9,364,225	-----	1.32	1.32	123,608	118,198	576	59,485	-----	179,259	170,397
Corcoran -----	100	4,950,243	1.40	69,759	7,808	3,990,562	.60	.90	1.50	59,864	72,079	29,317	7,072	4,103	112,645	88,014
Cordua -----	25	55,935	4.52	2,528	None	58,620	-----	4.52	4.52	2,650	2,589	4,842	6,195	-----	13,616	15,260
Deer Creek -----	100	175,540	1.78	3,118	116	175,540	0	1.92	1.82	3,195	3,565	2,687	126	0	6,378	6,235
Delano-Earlimart -----	---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
East Contra Costa ---	175	3,358,892	3.15	105,694	4,185	3,357,511	2.51	1.49	4.00	134,094	122,954	65,259	169	-----	189,391	194,433
El Camino -----	75	-----	2.00 Ac	12,000	136	-----	-----	-----	2.00 Ac	12,271	12,399	5,372	1,619	215	19,593	19,746
El Dorado -----	47	1,960,119	0.80	15,681	1,337	1,950,572	.40	.40	-----	15,605	12,334	37,837	2,223	-----	52,394	70,393
El Nido -----	75	-----	-----	-----	-----	-----	-----	-----	-----	-----	23,037	5,667	470	-----	29,174	26,656
Empire West Side ---	100	646,041	2.00	12,921	2,096	646,041	-----	3.00	3.00	19,381	14,193	-----	1,893	-----	16,096	19,249
Exeter -----	---	-----	-----	0	-----	1,160,477	-----	-----	.55	6,394	5,561	-----	-----	-----	5,561	1,548
Fair Oaks -----	90	337,903	2.60	8,785	5,018	336,358	-----	-----	2.60	8,556	17,475	27,076	1,260	2,557	49,369	44,174
Fresno -----	75	19,076,255	1.00	180,762	12,058	1,797,600	-----	1.00	1.00	179,760	188,381	1,161	12,836	991	203,369	233,494
Glenn-Colusa -----	40	2,432,070	1.90	43,777	2,676	2,644,466	.03	1.57	1.60	42,055	63,757	156,581	1,796	35,125	257,259	191,910
Grenada -----	200	172,900	5.00	8,640	557	172,440	-----	1.50	1.50	2,155	9,914	3,311	3,146	390	16,751	13,594
Hollister -----	96	2,215,945	0.25	5,529	101	-----	-----	.25	.25	5,524	3,099	-----	4,316	-----	7,414	4,009
Hot Spring Valley ---	20	176,668	3.00	5,205	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Imperial -----	110	40,203,264	3.78	1,519,559	222,847	39,309,911	1.856	1.914	3.77	1,484,464	1,397,055	1,082,970	2,074,940	130,904	4,676,669	4,244,988
Island No. 3 -----	49	194,467	0.25	496	-----	194,467	-----	.25	.25	1,155	703	-----	-----	-----	703	-----
Jacinto -----	60	692,236	2.10	14,537	1,584	689,832	.53	1.57	2.10	15,681	17,246	3,954	3,963	4,000	29,063	29,422
James -----	50	6,511	2.80	182	122	7,311	-----	2.00	2.00	146	5,934	39,156	5,249	56,679	106,916	67,049
Kings River Delta ---	---	-----	-----	0	-----	-----	-----	-----	-----	0	0	-----	-----	-----	-----	-----
La Canada -----	100	1,098,485	1.60	17,576	498	1,105,252	1.60	-----	1.60	17,684	20,697	20,991	8,991	-----	50,669	43,401
Laguna -----	45	1,291,825	1.25	16,148	-----	1,291,825	-----	-----	1.50	19,440	16,906	-----	3,273	3,324	23,403	22,393
Lakeland -----	100	-----	-----	0	None	-----	-----	-----	-----	0	1,333	0	565	0	1,999	3,653
Lakeside -----	280	92,983	2.50	2,332	109	93,391	-----	-----	2.50	2,334	2,329	3,551	69	-----	5,949	4,696
La Mesa-Lemon Grove & S.V.	250	3,484,720	1.90	66,230	7,796	3,494,720	1.90	-----	1.90	67,666	67,936	194,570	254,241	23,732	530,479	562,512
Linden -----	90	616,604	1.50	9,249	90	613,294	-----	1.50	1.50	9,249	10,045	1,549	40,155	-----	51,749	43,350
Lindmore -----	---	-----	-----	0	0	-----	-----	-----	-----	-----	0	-----	190	-----	190	227
Lindsay-Strathmore --	165	1,654,939	6.00	99,296	2,535	1,684,456	-----	4.00	4.00	67,378	111,722	147,030	36,412	-----	285,164	247,267
Little Rock Creek ---	100	114,748	4.50	5,164	587	112,590	1.50	3.00	4.50	5,067	7,623	6,124	7,569	313	21,629	17,755
Madera -----	50	8,048,465	0.24	19,330	3,364	8,063,705	-----	.26	.26	20,969	21,944	-----	205	-----	22,149	22,037
Maxwell -----	50	-----	-----	0	0	-----	0	0	0	0	0	615	2,534	-----	3,149	4,676
Merced -----	75	11,463,155	3.00	344,045	15,209	11,245,640	-----	3.00	3.00	337,566	395,777	747,858	65,728	17,512	1,226,875	776,968
Modesto -----	75	7,411,800	2.60	192,707	8,067	7,410,140	1.20	1.20	2.40	177,843	193,619	744,768	59,359	-----	997,745	976,202

TABLE III
SUMMARY OF ASSESSMENTS LEVIED, TAX CERTIFICATES SOLD, CASH RECEIPTS AND CASH EXPENDITURES IN 1939 (CONTINUED)

Name of District	Average Assessed Valuation Per Acre	Assessment 1937-1938				Assessments 1938-1939				Cash Receipts 1938					Total Cash Disbursements 1938	
		Total Assessed Valuation	Rate per \$100 of Valuation	Total Assessment Levied	Tax Certificates sold Including Penalties	Total Assessed Valuation	Rate per \$100 Valuation			Total Assessment Levied	Assessments Redemptions Penalties	Water Tolls and Power Sales	Rentals Crop Share Misc.	Sale of District Land		Total Receipts
							Bond Fund	General Fund	Total Rate							
Montague -----	\$ 40	\$ 304,694	\$ 0.40	\$ 1,219	\$ 475	\$ 316,528	----	\$.40	\$.40	\$ 1,266	\$ 924	\$ 5,270	\$ 1,806	\$ 450	\$ 3,450	\$ 6,561
Naglee-Burk -----	100	201,566	6.50	13,102	1,401	199,566	----	6.00	6.00	11,974	11,105	46	2,105	----	13,256	16,767
Nevada -----	15	3,644,341	1.00	36,443	3,763	3,666,093	----	1.00	1.00	36,661	39,898	530,563	25,714	4,465	600,630	765,120
Newport Heights -----	600	1,145,860	0.95	10,886	739	1,147,750	----	0.90	0.90	10,329	12,963	10,113	513	----	23,494	21,259
Newport Mesa -----	600	-----	----	-----	-----	-----	----	----	----	-----	4,672	2,569	112	1,666	9,019	6,960
Oakdale -----	67	3,937,630	3.90	149,630	9,821	3,997,164	1.10	2.90	4.00	159,996	169,761	65,103	29,449	45,241	309,554	291,405
Orange Cove -----	50	629,396	0.70	4,406	-----	629,396	----	.70	.70	4,406	629,396	0	0	0	699	1,566
Oroville Wyandotte --	100	1,921,994	1.00	19,220	2,907	1,763,522	----	1.00	1.00	17,635	19,409	34,347	3,014	2,119	59,399	69,527
Palmdale -----	100	107,336	5.00	5,367	-----	-----	----	----	----	-----	-----	-----	-----	-----	-----	-----
Falo Verde -----	50	3,115,533	2.00	62,352	1,592	3,242,040	----	1.90	1.90	61,789	63,669	77,399	10,405	44,994	196,466	150,176
Paradise -----	60	360,071	3.75	16,667	-----	359,609	3.75	0	3.75	13,495	11,964	23,795	428	6,645	42,922	28,642
Potter Valley -----	62	256,790	5.50	12,005	236	219,536	3.135	1.965	5.00	10,977	20,587	6,416	-----	16	27,019	19,964
Princeton-Codora-Glenn	67	915,963	3.70	23,426	1,161	907,153	1.20	2.50	3.70	23,100	29,185	11,697	-----	921	41,913	36,012
Provident -----	75	106,039	1.16	1,227	1,024	104,950	----	1.157	1.157	1,214	757	40,165	12,997	-----	53,919	49,170
Ramona -----	110	92,020	8.00	6,562	1,593	92,690	----	7.50	7.50	6,202	5,993	7,359	663	155	14,159	13,421
Richvale -----	30	505,220	----	0	11,559	597,715	0	0	0	0	1,312	52,159	73	-----	53,544	53,959
Riverdale -----	50	700,954	1.60	11,215	922	707,353	----	1.20	1.20	9,493	11,344	-----	991	1,947	14,272	16,195
San Diegoito -----	500	2,173,696	2.50	54,349	19,499	2,196,141	.32	1.69	2.50	54,909	51,260	44,511	4,360	9,990	109,011	109,162
Santa Fe -----	185	1,723,200	5.20	89,606	32,999	1,397,690	1.797	3.203	5.00	59,977	70,374	39,509	13,722	2,769	126,374	127,249
San Ysidro -----	210	116,210	1.50	1,743	109	116,345	1.50	----	1.50	1,745	2,091	7,296	317	147	9,941	10,297
Scott Valley -----	50	256,565	3.00	7,697	0	256,565	----	3.00	3.00	7,697	7,691	0	0	0	7,691	9,164
Serrano -----	1,000	1,317,877	1.00	13,179	0	1,317,879	1.00	----	1.00	13,179	12,709	10,904	1,046	0	24,559	26,992
Shafter-Wasco -----	-----	-----	----	0	0	2,452,300	----	1.25	1.25	26,000	15,313	0	0	0	15,313	9,991
South Fork -----	41	502,955	3.35	16,946	731	502,955	1.70	1.50	3.20	16,091	26,071	0	0	0	26,071	26,071
South Montebello ----	900	699,979	1.70	11,896	633	699,019	----	1.70	1.70	11,932	13,479	9,039	1,347	320	24,194	20,370
South San Joaquin ---	100	6,447,465	5.40	349,163	25,410	6,455,955	3.30	2.10	5.40	349,616	355,529	65,297	6,346	-----	427,162	353,902
Stinson -----	25	231,672	10.00	23,167	0	265,974	9.00	2.00	10.00	26,597	4,639	6,697	7,947	-----	19,272	21,079
Stratford -----	-----	-----	----	-----	-----	-----	----	----	----	-----	2,261	-----	6,340	-----	8,601	7,650
Table Mountain -----	125	-----	5.30	-----	-----	-----	----	----	----	8,771	-----	2,664	2,149	-----	13,584	13,186
Terra Bella -----	100	369,331	7.00	25,941	3,699	390,996	3.15	3.85	7.00	26,627	24,439	55,044	14,932	-----	94,415	91,996
Thermalito -----	150	306,224	2.50	7,656	1,397	304,039	----	2.50	2.50	7,602	9,421	13,730	997	976	25,024	24,490
Tracy Glover -----	100	80,082	3.00	6,406	1,955	79,273	----	6.00	6.00	4,697	4,571	-----	907	202	5,690	6,365
Tranquillity -----	50	421,691	1.00	4,217	299	441,106	.56	.44	1.00	4,441	7,325	14,599	1,699	10,042	33,653	37,692
Tulare -----	40	1,523,365	1.50	22,850	3,486	1,524,470	----	1.75	1.75	26,677	13,743	19,721	17,332	-----	50,796	46,612
Turlock -----	90	13,393,650	2.50	334,957	-----	13,396,310	2.50	----	2.50	334,900	367,942	902,756	215,975	-----	1,396,473	1,425,392
Vandalla -----	200	229,999	9.00	20,700	399	230,323	3.15	2.85	6.00	13,919	16,655	13,567	19,092	-----	49,314	49,992
Vista -----	150	2,049,174	5.00	102,459	17,107	2,022,090	----	5.00	5.00	101,104	113,106	139,229	10,064	19,043	291,441	275,996
Walnut -----	1,000	906,600	0.50	4,533	279	906,600	----	.50	.50	4,533	4,411	2,945	17	-----	7,273	5,536
Waterford -----	100	939,627	4.00	37,545	1,954	923,044	----	4.00	4.00	36,922	44,759	-----	5,920	2,948	53,527	36,910
West Side -----	100	1,012,598	2.00	20,251	1,349	1,011,379	----	3.00	3.00	30,339	32,074	29,999	9,625	-----	70,597	76,997
West Stanislaus ----	100	2,169,992	3.70	90,253	694	2,147,761	3.29	.42	3.70	79,467	85,919	112,415	43,358	-----	241,952	256,866
Woodbridge -----	85	1,221,334	2.25	27,362	91	1,216,104	2.00	----	2.00	24,322	33,479	19,159	12,279	-----	63,916	64,176
Totals -----	---	192,527,772	----	4,896,779	478,085	176,048,877	----	----	----	4,863,367	5,071,096	5,737,062	3,210,147	463,390	14,531,695	13,553,389

TABLE IV
SUMMARY OF STATISTICAL DATA RELATING TO BONDS AND WARRANTS OF CALIFORNIA IRRIGATION DISTRICTS
JANUARY 1, 1939
(Totals for each district underscored)

Name of District	Number of Bond Issue	Date of Bonds	Range of Maturities	Reg-ular Coupon Rate per cent	Status of Bond Issues January 1, 1939							Interest Bearing Warrants Unpaid 1-1-39	Status of Refinancing Plans			
					Face Value of Bonds Issued		Principal Amount Sold or Exchanged	Disposition of Bonds Sold			Bond Payments in Default		Amount of R. F. C. Loan Disbursed	Basis of Refunding on \$	New and Old Bonds Held by R. F. C.	
					Original	Refunding		Refunded and Cancelled	Paid and Retired	Total out-standing	Principal					Interest
Alpaugh -----	1	Jul. 1, 1916	Jul. 1, 1927-1946	6	\$ 233,000	\$-----	\$ 233,000	\$-----	\$ 169,290	\$113,710	\$ None	\$ None	\$ None	\$-----	\$ 47,913	\$113,710
Alta -----	1	Feb. 4, 1902	Jan. 1, 1923-1942	5	500,000	-----	492,000	-----	433,500	a)53,500	None	None	None	None	None	None
Anderson-Cottonwood--	---	-----	-----	---	1,255,000	-----	1,255,000	None	134,000	1121,000	96,700	320,421	5,792	None	30.00	None
	1	Jan. 1, 1916	Jan. 1, 1937-1956	6	490,000											
	2	Jul. 1, 1917	Jul. 1, 1939-1957	6	575,000											
	3	Jul. 1, 1920	Jul. 1, 1925-1934	6	200,000											
Banta Carbona -----	---	-----	-----	---	1,164,000	-----	1,137,060	None	None	1,137,060	None	415,148	56,375	700,000	61.00	1,077,955
	1	Aug. 1, 1924	Jul. 1, 1940-1964	6	705,000											
	2	Dec. 1, 1925	Jul. 1, 1941-1965	6	125,000											
	3	Jan. 1, 1927	Jan. 1, 1943-1967	6	334,000											
Baxter Creek-----	1	Jul. 1, 1921	Jan. 1, 1926-1943	6	511,000	-----	511,000	None	None	511,000	337,000	-----	51,760	None	None	None
Beaumont -----	1 Ref	Jul. 1, 1935	Jul. 1, 1939-1969	4	-----	159,000	152,000	-----	3,000	149,000	None	None	None	-----	75.00	N 149,000
Big Springs -----	1 Ref	Jul. 1, 1936	Jan. 1, 1940-1969	4	-----	26,000	26,000	None	1,500	24,500	None	None	None	24,500	42.372	N 24,500
Butte Valley -----	1	Sep. 1, 1923	Jan. 1, 1944-1963	6	594,000	-----	594,000	None	None	594,000	None	406,360	None	None	None	None
Byron-Bethany-----	---	-----	-----	---	650,000	-----	650,000	545,000	31,000	569,000	---	-----	None	340,736	70.00	524,000
	1	Nov. 1, 1920	Jan. 1, 1924-1952	6	550,000											
	2	Sep. 1, 1923	Jul. 1, 1933-1955	6	100,000											
	1 Ref	Jan. 1, 1934	Sinking Fund 1979	6	-----	569,000										
Camp Far West -----	1	Jul. 1, 1927	Jul. 1, 1937-1956	6	200,000	-----	179,000	None	20,000	159,000	None	None	None	None	None	None
Carmichael -----	1 Ref	Jul. 1, 1937	Jan. 1, 1941-1970	4	-----	53,000	52,000	None	None	52,000	None	None	None	52,000	75.00	N 52,000
Carpenter -----	1	Jul. 1, 1929	Jul. 1, 1934-1953	6	200,000	-----	200,000	None	23,000	172,000	None	None	None	None	None	None
Citrus Heights -----	1 Ref	Jul. 1, 1937	Jan. 1, 1941-1970	4	-----	36,000	36,000	-----	3,000	73,000	None	None	None	-----	70.00	N 73,000
Compton-Delevan ----	1	Dec. 1, 1921	Jan. 1, 1922-1936	6	575,000	-----	523,000	291,000	139,000	394,000	163,000	130,360	None	None	None	None
	1 Ref	Jan. 1, 1927	Jan. 1, 1937-1950	6	-----	394,000	291,000									
Corcoran -----	1	Jan. 1, 1920	Jan. 1, 1931-1955	6	760,000	-----	760,000	None	27,000	733,000	103,000	197,104	None	446,029	75.00	676,000
Cordua -----	2 Ref	Sep. 1, 1934	Jul. 1, 1938-1967	4	-----	102,725	100,725	2,000	3,725	b)97,000	None	None	None	-----	39.00	N 97,000
Deer Creek -----	1	Sep. 1, 1927	Jul. 1, 1929-1939	6	25,000	-----	25,000	None	25,000	None	None	None	None	None	None	None
East Contra Costa ---	---	-----	-----	---	1,324,000	-----	1,301,000	1,063,300	193,000	1,109,000	None	None	7,000	None	None	None
Brentwood-----	1	Jan. 1, 1924	Jan. 1, 1935-1954	6	514,000											
Knightsem -----	1	Jul. 1, 1921	Jul. 1, 1927-1946	6	650,000											
Lone Tree -----	1	Mar. 1, 1922	Jan. 1, 1928-1947	6	160,000											
	1 Ref	Jan. 1, 1934	Sinking Fund 1979	6	-----	1,153,000	1,063,300									

(a) Alta has in addition one \$500 bond of a former issue outstanding.

(b) Cordua has in addition a \$1000 bond of the original issue outstanding.

N Designates new refunding issues accepted by R.F.C. for old bonds.

TABLE IV

SUMMARY OF STATISTICAL DATA RELATING TO BONDS AND WARRANTS OF CALIFORNIA IRRIGATION DISTRICTS
JANUARY 1, 1939

(Totals for each district underscored)

Name of District	Number of Bond Issue	Date of Bonds	Range of Maturities	Regular Coupon Rate per cent	Status of Bond Issues January 1, 1939								Interest Bearing Warrants Unpaid 1-1-39	Status of Refinancing Plans		
					Face Value of Bonds Issued		Principal Amount Sold or Exchanged	Disposition of Bonds Sold			Bond Payments in Default			Amount of R.F.C. Loan Disbursed	Basis of Refunding \$ on \$	New and Old Bonds Held by R.F.C.
					Original	Refunding		Refunded and Cancelled	Paid and Retired	Total outstanding	Principal	Interest				
El Camino -----	1st Div. Nov. 1, 1926	Jan. 1, 1937-1956	6	\$ 430,000	-----	\$ 423,000	\$ None	\$ None	\$ 423,000	\$ 36,000	\$ 206,000	\$ None	\$ None	\$ None	\$ None	
	2nd Div. Nov. 1, 1926	Jan. 1, 1940-1952	6	275,000	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	
	3rd Div. Nov. 1, 1926	Jan. 1, 1940-1956	6	29,000	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	
			6	127,000	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	
El Dorado -----	1 Mar. 1, 1927	Jan. 1, 1949-1967	6	1,300,000	-----	693,000	None	None	693,000	None	72,332	24,439	329,692	50.50	664,000	
El Nido -----	1 Jan. 1, 1931	Jan. 1, 1934-1951	6	135,000	-----	120,000	None	5,000	115,000	20,000	None	15,000	None	None	None	
Fair Oaks -----	1 Ref Sep. 1, 1937	Jul. 1, 1941-1970	4	-----	63,000	61,500	-----	1,000	60,500	None	None	None	-----	90.00	N 60,500	
Glenn-Colusa -----	1 Oct. 1, 1920	Jan. 1, 1922-1941	6	2,597,000	-----	2,404,150	235,000	1,155,696	1,249,454	654,404	219,762	None	660,943	67.0 Apr	1,208,354	
	1 Ref Nov. 1, 1924	Jan. 1, 1935-1941	6	-----	300,000	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	
Grenada -----	1 Ref Jul. 1, 1931	Jul. 1, 1939-1970	6	-----	136,000	136,000	135,000	None	(c)15,000	None	None	12,319	None	19.392	None	
Hot Spring Valley ---	1 Ref Sep. 1, 1934	Jul. 1, 1933-1967	4	-----	47,000	43,000	-----	1,000	42,000	None	None	None	-----	51.316	N 42,000	
Imperial -----	1 Jan. 1, 1915	Jan. 1, 1936-1955	5	19,263,000	4,250,000	17,567,000	13,371,000	1,750,000	15,917,000	-----	1,557,550	878,266	None	100.00	None	
	2 Jul. 1, 1917	Jul. 1, 1939-1957	5	3,500,000	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	
	3 Oct. 1, 1919	Jul. 1, 1925-1934	5½	2,500,000	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	
	4 Jul. 1, 1922	Jul. 1, 1935-1936	6	7,500,000	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	
	Elec 5 Rev Jul. 1, 1937	Jan. 1, 1941-1956	2.77	700,000	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	
	Elec 6 Rev Jul. 1, 1937	Jan. 1, 1941-1967	4	1,513,000	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	
	Elec 7 Rev Oct. 1, 1939	Jan. 1, 1942-1969	4	1,045,000	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	
	1 Ref 1 Div Feb. 7, 1933	Sinking Fund 1933	5	-----	6,000,000	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	
	1 Ref 2 Div Feb. 1, 1933	Jul. 1, 1939-1942	5½	-----	750,000	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	
	1 Ref 3 Div Feb. 1, 1933	Sinking Fund 1933	6	-----	7,500,000	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	
Jacinto -----	1 Ref Mar. 1, 1935	Jul. 1, 1939-1969	4	-----	96,000	94,500	-----	10,500	34,000	None	None	None	-----	60.50	N 94,000	
James -----	1 May 15 1920	Jan. 1, 1929-1947	6	1,000,000	-----	1,000,000	None	5,000	995,000	595,000	510,010	None	236,236	25.00	965,000	
La Canada -----	1 Jul. 1, 1925	Jul. 1, 1936-1960	5	329,000	-----	323,000	None	10,000	313,000	None	None	None	None	None	None	
	2 Jul. 1, 1929	Jul. 1, 1949-1969	5	154,000	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	
			5	174,000	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	
Lakeside -----	1 Feb. 1, 1925	Jan. 1, 1946-1965	6	35,000	-----	35,000	None	5,000	30,000	None	None	None	None	None	None	
La Mesa, Lemon Grove & S. V.	2-2nd Div May 1, 1934	May 1, 1937-1964	4	1,932,769	-----	1,932,769	-----	154,000	1,929,769	None	None	3,393	-----	64.397	N 1,267,769	
	3-1st Ref May 1, 1934	May 1, 1940-1972	4	490,000	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	
	4-Issue Jul. 1, 1937	Jan. 1, 1942-1967	4	1,347,769	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	
			4	145,000	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	
Lindsay-Strathmore --	1 Jul. 1, 1916	Jul. 1, 1927-1946	6	1,650,000	-----	1,650,000	None	223,000	1,427,000	412,000	439,650	None	752,262	59.978	1,256,000	
	2 Oct. 1, 1918	Oct. 1, 1929-1948	6	1,400,000	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	
			6	250,000	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	
Littlerock Creek ---	3 Jul. 1, 1914	Jan. 1, 1934-1954	5	369,000	-----	369,000	None	10,000	359,000	37,000	-----	None	99,492	29.432	354,300	
	4 Jan. 16, 1920	Jan. 1, 1941-1960	6	60,000	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	
	5 May 1, 1921	Jan. 1, 1925-1942	6	200,000	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	
	6 Jan. 1, 1925	Jan. 1, 1941-1960	6	43,000	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	
			6	60,000	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	
Maxwell -----	1 Sep. 1, 1918	Jan. 1, 1922-1941	6	260,000	-----	260,000	None	26,000	(d)234,000	203,000	-----	44,190	None	None	None	

(c) Grenada has \$14,000 in escrowed bonds set aside as security for refunding warrant holders, and \$1000 bond not presented for refunding.

(d) Maxwell bonds are all held by a pool of former land owners.

TABLE IV

SUMMARY OF STATISTICAL DATA RELATING TO BONDS AND WARRANTS OF CALIFORNIA IRRIGATION DISTRICTS - CONTINUED
JANUARY 1, 1939

(Totals for each district underscored)

Name of District	Number of Bond Issue	Date of Bonds	Range of Maturities	Regular Coupon Rate per cent	Status of Bond Issues January 1, 1939								Interest Bearing Warrants Unpaid 1-1-39	Status of Refinancing Plans		
					Face Value of Bonds Issued		Principal Amount Sold or Exchanged	Disposition of Bonds Sold			Bond Payments in Default			Amount of R.F.C. Loan Disbursed	Basis of Refunding \$ on \$	New and Old Bonds Held by R.F.C.
					Original	Refunding		Refunded and Cancelled	Paid and Retired	Total Outstanding	Principal	Interest				
Merced -----					<u>16,250,000</u>	-----	<u>16,250,000</u>	None	59,000	<u>16,191,000</u>	<u>507,000</u>	<u>5,659,745</u>	None	<u>2,570,870</u>	<u>51,501</u>	<u>14,702,000</u>
	1-1st Div	Jan. 1, 1922	Jan. 1, 1933-1950	6	3,120,000											
	1-2nd Div	Jan. 1, 1922	Jan. 1, 1951-1953	5½	1,800,000											
	1-3rd Div	Jan. 1, 1922	Jan. 1, 1954-1955	5½	1,320,000											
	1-4th Div	Jan. 1, 1922	Jan. 1, 1956-1962	6	5,760,000											
	2	May 1, 1924	Jan. 1, 1937-1964	6	3,250,000											
	3	Apr. 1, 1926	Jan. 1, 1965-1966	5½	1,000,000											
Modesto-----					<u>5,314,511</u>	-----	<u>5,014,511</u>	None	<u>1,960,603</u>	<u>3,050,476</u>	None	None	None	None	None	None
	1-Fund	May 1, 1902	Jan. 1, 1923-1942	5	1,056,511											
	2-Fund	Jan. 5, 1904	Jan. 1, 1925-1944	5	332,000											
	2	Jan. 1, 1903	Jan. 1, 1914-1923	6	13,000											
	3	Jul. 1, 1909	Jul. 1, 1930-1939	5	200,000											
	4	Jan. 1, 1911	Jan. 1, 1932-1941	5	50,000											
	5-6	Jul. 1, 1914	Jul. 1, 1935-1954	6	610,000											
	7-11	Jul. 1, 1920	Jul. 1, 1931-1950	6	2,000,000											
	12	Oct. 1, 1923	Jul. 1, 1934-1953	5	135,000											
	13	Jan. 1, 1924	Jul. 1, 1944-1953	5	500,000											
	14	Jan. 1, 1927	Jan. 1, 1942-1951	5	236,000											
	Sp. 14 Rev	Dec. 1, 1934	Aug. 1, 1940-1952	4	177,000											
Montague -----	1	Jan. 1, 1926	Jan. 1, 1947-1966	6	<u>1,395,000</u>	-----	<u>1,395,000</u>	None	None	<u>1,395,000</u>	None	<u>324,010</u>	None	None	None	None
Naglee-Burk -----	1	Oct. 1, 1921	Jul. 1, 1926-1940	6	<u>200,000</u>	-----	<u>195,000</u>	<u>136,000</u>	<u>9,000</u>	<u>136,000</u>	<u>12,000</u>	<u>65,990</u>	<u>6,300</u>	None	32.11	None
	1-Ref	Jul. 1, 1927	Jul. 1, 1933-1967	6	-----	192,000	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Nevada -----	1 Fund	Sep. 1, 1931	Sinking Fund 1981	4	<u>3,100,000</u>	-----	<u>3,100,000</u>	-----	<u>400,000</u>	<u>2,700,000</u>	None	None	<u>19,121</u>	None	None	None
Newport Heights ----	1	Jan. 1, 1920	Jan. 1, 1941-1960	6	<u>160,000</u>	-----	<u>160,000</u>	None	<u>9,600</u>	<u>150,400</u>	None	<u>31,371</u>	None	<u>30,440</u>	<u>59,50</u>	<u>135,200</u>
Newport Mesa -----	1	Jan. 1, 1919	Jul. 1, 1940-1959	6	<u>50,000</u>	-----	<u>50,000</u>	None	None	<u>50,000</u>	None	-----	-----	No Report	-----	-----
Oakdale -----					<u>3,675,000</u>	-----	<u>3,675,000</u>	<u>2,131,200</u>	<u>399,000</u>	<u>3,276,000</u>	-----	-----	None	<u>1,152,500</u>	<u>50.00</u>	<u>2,303,300</u>
	1	Jul. 1, 1910	Jul. 1, 1931-1940	5	1,600,000											
	2	Jan. 1, 1913	Jan. 1, 1934-1943	5	400,000											
	3	Jul. 1, 1915	Jul. 1, 1936-1955	6	400,000											
	4	Jan. 1, 1924	Jan. 1, 1925-1931	5½	175,000											
	5	Jun. 21, 1925	Jan. 1, 1927-1965	5	1,100,000											
	1-Ref	Oct. 1, 1931	Jul. 1, 1935-1973	5	-----	2,320,000	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Oroville-Wyandotte ---	1	Jan. 1, 1923	Jan. 1, 1944-1963	6	<u>2,000,000</u>	-----	<u>1,055,000</u>	None	None	<u>1,055,000</u>	None	<u>399,466</u>	None	<u>375,490</u>	<u>35,272</u>	<u>1,065,000</u>
Falmdale -----	1-Ref	Jul. 1, 1934	Jan. 1, 1947-1982	6	-----	<u>222,500</u>	<u>222,500</u>	-----	None	<u>222,500</u>	None	None	-----	None	<u>50,000</u>	None
Palo Verde -----					<u>6,507,330</u>	-----	<u>4,813,330</u>	None	<u>739,000</u>	<u>4,174,330</u>	<u>1,079,000</u>	<u>1,729,745</u>	None	<u>1,007,129</u>	<u>24.31</u>	<u>4,054,330</u>
	Mutual Water Co.	Feb. 1, 1916	Feb. 1, 1922-1935	6	500,000		500,000			170,000						
	Levee District	May 1, 1913	May 1, 1919-1953	6½	1,295,951		1,295,951			371,379						
	Levee District	Nov. 1, 1922	Nov. 1, 1923-1962	6½	371,379		371,379			350,000						
	Drainage District	Dec. 1, 1921	Jan. 1, 1933-1942	6	350,000		350,000			850,000						
	Irrigation District	1-2	Sep. 1, 1925	Jul. 1, 1937-1955	6	3,500,000		1,933,000		1,933,000						

TABLE IV

SUMMARY OF STATISTICAL DATA RELATING TO BONDS AND WARRANTS OF CALIFORNIA IRRIGATION DISTRICTS - CONTINUED

JANUARY 1, 1939

(Totals for each district underscored)

Name of District	Number of Bond Issue	Date of Bonds	Range of Maturities	Reg-ular Coupon Rate per cent	Status of Bond Issues January 1, 1939							Interest Bearing Warrants Unpaid 1-1-39	Status of Refinancing Plans			
					Face Value of Bonds Issued		Principal Amount Sold or Exchanged	Disposition of Bonds Sold			Bond Payments in Default		Amount of R.F.C. Loan Disbursed	Basis of Refunding \$ on \$	New and Old Bonds Held by R.F.C.	
					Original	Refunding		Refunded and Cancelled	Paid and Retired	Total Out-standing	Principal					Interest
Paradise -----	1	May 1, 1917	May 1, 1939-1957	6	\$ 490,000	-----	\$ 490,000	\$ None	\$ 14,000	\$ 476,000	\$ 25,000	-----	\$ None	\$ 234,169	52.521	447,000
	2	Jul. 1, 1920	Jul. 1, 1925-1956	6	350,000	-----										
					140,000	-----										
Potter Valley -----	1	Jul. 1, 1923	Jul. 1, 1933-1952	5½	100,000	-----	97,000	None	30,000	67,000	None	None	None	None	None	None
Princeton-Codora-Gleann	1	Jul. 1, 1918	Jul. 1, 1939-1958	6	175,000	-----	175,000	None	23,500	146,500	None	None	None	None	None	None
Provident -----					1,190,000	-----	1,190,000	None	233,000	957,000	222,000	394.375	None	None	None	None
	1	Aug. 15, 1918	Aug. 15, 1930-1949	6	1,000,000	-----										
	2	Aug. 9, 1921	Jul. 1, 1922-1933	6	190,000	-----										
Ramona -----	1	Jul. 1, 1926	Jul. 1, 1947-1966	6	91,000	-----	91,000	None	None	91,000	None	None	None	None	None	None
Richvale -----					605,000	-----	605,000	None	None	605,000	None	None	None	473,000	75.00	605,000
	1	1931	1937-1970	6	515,000	-----										
	2	Jul. 1, 1937	Jan. 1, 1941-1970	4	90,000	-----										
	1-Ref	Jul. 1, 1937	Jul. 1, 1941-1970	4	-----	(e)388,000										
San Dieguito -----	1	Apr. 1, 1923	Jan. 1, 1931-1950	6	400,000	-----	400,000	352,000	43,000	(f)182,500	None	None	None	134,500	52.29	1134,500
	2-Ref	Jan. 1, 1935	Jan. 1, 1941-1973	4	-----	202,500	191,500	-----	7,000							
Santa Fe -----	2-Ref	Jul. 1, 1935	Jul. 1, 1940-1972	4	-----	394,500	393,500	None	10,000	383,500	None	None	1936	383,500	52.361	1393,500
San Ysidro -----	1	Jan. 1, 1913	Jan. 1, 1934-1943	5	25,000	-----	25,000	None	12,250	12,750	None	None	None	None	None	None
Scott Valley -----	2-Ref	Jan. 1, 1936	Jan. 1, 1937-1961	5	-----	67,000	67,000	None	6,000	61,000	None	None	None	None	----	None
Serrano -----	1	Jul. 1, 1929	Jul. 1, 1934-1953	6	200,000	-----	200,000	None	23,000	172,000	None	None	None	None	None	None
South Fork -----	1	Jul. 1, 1934	Jul. 1, 1939-1964	4	165,000	-----	133,000	None	3,000	130,000	None	None	10.362	None	None	None
South Montebello ----	1	Jun. 30, 1923	Jan. 1, 1926-1945	6	125,000	-----	125,000	None	31,000	44,000	None	None	None	None	None	None
South San Joaquin ---					5,985,000	4,791,250	5,985,000	4,515,550	173,750	5,806,250	276,200	178.197	None	3,543,933	69.469	5,183,550
	1	Jul. 1, 1910	Jul. 1, 1931-1940	5	1,875,000	-----										
	2	Apr. 13, 1913	Apr. 13, 1934-1942	5	1,170,000	-----										
	3	Jul. 1, 1913	Jul. 1, 1934-1943	5	790,000	-----										
	4	Sep. 1, 1919	Sep. 1, 1940-1959	5½	500,000	-----										
	5	Nov. 6, 1923	Jul. 1, 1944-1963	5½	550,000	-----										
	6	Jun. 21, 1925	Jan. 1, 1927-1965	5	1,100,000	-----										
	1-Ref. Inv 1	Oct. 1, 1931	Jul. 1, 1936-1991	5	-----	3,741,250										
	1-Ref. Inv 2	Oct. 1, 1931	Jul. 1, 1936-1991	5½	-----	1,050,000										
Stinson -----	1	Apr. 1, 1923	Jan. 1, 1931-1950	6	360,000	-----	360,000	None	None	360,000	112,600	108.954	28.328	None	None	None
Table Mountain -----					187,000	-----	187,000	None	None	187,000	None	49.835	None	None	None	None
	1	Jul. 1, 1923	Jul. 1, 1944-1963	6	125,000	-----										
	2	Mar. 1, 1927	Jan. 1, 1948-1967	6	62,000	-----										

(e) Richvale refunding issue of \$388,000 will be exchanged for the original issue of \$515,000.

(f) San Dieguito has outstanding \$184,500 refunding bonds and \$5000 of the original issue.

N Designates new refunding issues accepted by R.F.C. for old bonds.

TABLE IV
SUMMARY OF STATISTICAL DATA RELATING TO BONDS AND WARRANTS OF CALIFORNIA IRRIGATION DISTRICTS - CONTINUED
January 1, 1939

Name of District	Number of Bond Issue	Date of Bonds	Range of Maturities	Regu- lar Coupon Rate in Per Cent	Status of Bond Issues January 1, 1939							Interest Bearing Warrants Unpaid 1-1-39	Status of Refunding Plans			
					Face Value of Bonds Issued		Principal Amount Sold	Disposition of Bonds Sold			Bond Payments in Default		Amount of R. F. C. Loan Disbursed	Basis of Refunding \$ on \$	New and Old Bonds Held by R. F. C.	
					Original	Refunding		Refunded Cancelled	Paid and Retired	Total Out-standing	Principal					Interest
Terra Bella	1	Nov. 1, 1916	Nov. 1, 1927-1946	6	1,000,000	-----	1,000,000	776,000	283,500	313,500	10,000	14,150	12,000	None	50.00	None
	1 Ref	Jul. 1, 1933	Sinking Fund 1979	4	-----	409,000	399,000	-----	192,000	42,000	-----	-----	-----	-----	-----	-----
Thermalito	1	Mar. 1, 1923	Jan. 1, 1934-1953	6	320,000	-----	320,000	None	None	320,000	49,000	-----	None	115,053	37,425	309,000
	2	May 1, 1926	Jan. 1, 1947-1966	6	50,000	-----	-----	-----	111,500	276,500	-----	-----	-----	-----	-----	-----
Tracy Clover	1	May 1, 1923	Jan. 1, 1939-1963	6	52,170	-----	52,170	None	None	52,170	2,170	17,554	362	17,293	35,53	47,170
Tranquillity	1	Jan. 1, 1920	Jan. 1, 1924-1955	5½	260,000	-----	260,000	None	34,000	226,000	-----	-----	-----	136,299	75.00	224,000
Tule	1	Jul. 1, 1921	Jan. 1, 1926-1943	6	906,000	-----	906,000	None	None	906,000	529,000	-----	-----	None	None	None
Turlock	1 Fund	Jan. 1, 1902	Jan. 1, 1922-1942	5	7,370,000	-----	7,370,000	None	2,967,260	4,902,740	None	None	None	None	None	None
	1	Jan. 1, 1905	Jan. 1, 1926-1935	5	200,000	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
	2	Jan. 1, 1910	Jul. 1, 1931-1940	5	100,000	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
	3	Jan. 1, 1911	Jan. 1, 1932-1941	5	1,206,000	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
	4-5	Jul. 1, 1920	Jul. 1, 1936-1951	6	3,593,000	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
	6	Jul. 1, 1920	Jul. 1, 1941-1960	5½	510,000	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
	7	Jan. 1, 1924	Jan. 1, 1927-1936	5	500,000	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
	8	Dec. 31, 1926	Jul. 1, 1932-1946	5	600,000	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Vandalia	1 Ref	Jul. 1, 1933	Sinking Fund 1968	5	-----	172,200	172,200	-----	24,400	147,300	None	None	None	None	None	None
Vista	1	Jan. 1, 1925	Jan. 1, 1946-1965	6	1,700,000	-----	1,700,000	None	None	1,700,000	None	-----	None	857,540	55.00	1,618,000
Waterford	1	Oct. 1, 1916	Oct. 1, 1927-1946	6	670,000	-----	670,000	None	39,075	631,925	234,025	213,739	None	None	59.45	None
	2	Jul. 1, 1919	Jul. 1, 1927-1946	5½	465,000	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
West Side	1	Jan. 1, 1917	Jan. 1, 1939-1957	6	595,000	-----	553,500	None	49,000	510,500	113,300	170,541	56,331	None	50.103	None
	2	Jul. 1, 1918	Jul. 1, 1939-1958	6	295,000	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
	3	Jan. 1, 1920	Jan. 1, 1930-1939	6	100,000	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
	4	Feb. 1, 1929	Jan. 1, 1950-1969	6	50,000	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
West Stanislaus	1	Jul. 1, 1927	Jul. 1, 1932-1957	6	1,337,376	-----	1,296,000	1,148,000	49,000	1,249,000	None	None	65,000	None	100.00	None
	2-1st Div	Jul. 1, 1935	Jul. 1, 1936-1964	4	1,216,376	-----	1,175,000	1,149,000	15,000	12,000	-----	-----	-----	-----	-----	-----
	1 Ref	Jul. 1, 1933	Jul. 1, 1936-1939	5½	121,000	-----	1,149,000	-----	17,000	104,000	-----	-----	-----	-----	-----	-----
Williams (Glenn-Colusa)	1	Jul. 1, 1921	Jan. 1, 1923-1937	6	732,000	-----	595,000	332,000	70,000	562,000	51,000	349,050	41,597	None	None	None
	2	Jan. 1, 1924	Jan. 1, 1959-1961	6	600,000	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
	3	Jun. 1, 1924	Jan. 1, 1945-1961	6	115,000	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
	Ref	Jan. 1, 1924	Jan. 1, 1942-1959	6	-----	466,000	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Woodbridge	1	Mar. 1, 1928	Jan. 1, 1930-1954	5½	325,000	-----	325,000	None	95,000	240,000	None	None	6,647	None	None	None
Totals					106,797,155	28,209,675	102,686,414	25,173,050	12,379,154	89,594,333	5,954,399	14,675,309	1,355,408	19,119,090	-----	39,958,137
Buena Vista W.S.D.	1	Jul. 1, 1929	Jul. 1, 1935-1968	6	942,731	-----	942,731	None	39,231	904,500	None	None	44,137	None	None	None

TABLE V
 DIRECTORY OF CALIFORNIA IRRIGATION DISTRICTS
 JANUARY 1, 1939

Name of District	County	Estimated Population			District Officials			District Office Address
		Inside Cities and Towns	Outside Cities and Towns	Total	President	Secretary	Manager or Engineer	
Alpaugh	Tulare		400	400	Charles C. Hopping	Mary B.E. Valance	F. E. Crowell	Box 67, Alpaugh
Alta	Tulare, Fresno, Kings	7,000	11,000	18,000	Walter Billingslea	E. Sibley	E. Sibley	298 North L Street, Dinuba
Anderson-Cottonwood	Shasta, Tehama	1,300	1,300	2,900	W. W. Treat	E. C. Eaton	Clyde Smith	Anderson
Banta-Carbona	San Joaquin		600	600	F. D. Reyner	Elvera Draper	J. B. Knight	P.O. Box 299, Tracy
Bard (Part of Yuma Project)	Imperial	100	1,400	1,500	J. M. Wagner	C. D. Haughtelin	F. E. Trask	P.O. Box 1, Bard
Baxter Creek	Lassen		170	170	Alfred Luond			Susanville
Beaumont	Riverside	2,400	600	3,000	E. L. Capps	Dorothy E. Benedict	U. S. Murphy	Beaumont
Big Springs	Siskiyou		125	125	Lloyd Fleisch	Roy E. Swigart		Montague
Big Valley	Lassen, Modoc		80	80	H. C. Jack	A. W. McKenzie		Bieber
Browns Valley	Yuba	150	900	950	Chas. L. Lambert	Ray C. Burris	Harry Kimond	Browns Valley
Butte Valley	Siskiyou	350	100	450	H. L. Nelson	M. A. Gilmer	M. A. Gilmer	Macdoel
Byron-Bethany	Contra Costa, San J.,Alameda	300	1,500	1,900	Geo. K. Anderson	G. A. Howard	Donald N. Houston	Byron
Camp Far West	Placer, Yuba		125	125	N. L. Durst	R. Anderson	M. Polk	Wheatland
Carmichael	Sacramento		1,900	1,900	E. M. Lynch	Roy W. Sullivan	L. Williamson	Rt. 5, Box 1427, Sacramento
Carpenter	Orange	900	150	1,050	W. H. Flippen	D. S. Smiley	Porter A. Price	R.R. 1, Box 399, Orange
Citrus Heights	Sacramento, Placer		1,300	1,300	J. A. Gray	Floyd J. Locher	R. A. Porch	Rt. 1, Box 161, Roseville
Compton-Delevan	Colusa		23	23	W. C. Baber	Elmer Laine		Maxwell
Consolidated	Fresno, Tulare, Kings	9,500	13,000	27,500	L. C. Darling	A. R. Stedman	I. H. Teilman	P.O. Box 200, Selma
Corcoran	Kings		1,500	1,500	J. M. Hansen	D. I. Drown	H. H. Holley	Corcoran
Cordua	Yuba		55	55	C. E. Kibbe	Jeanette Frank	Harry Kirmond	Memorial Auditorium Bldg., Marysville
Delano-Earlimart	Tulare, Kern		1,000	1,000	Paul Driver	George R. Osner		Sierra Vista Ranch, Delano
Deer Creek	Tehama		60	60	Charles Dicus	Jerome D. Peters		304 Broadway, Chico
East Contra Costa	Contra Costa	800	600	1,400	Arthur H. Honegger	Margaret Wedgwood	Gerald H. Jones	Brentwood
El Camino	Tehama		614	614	C. Grootveld	Roy Pyle	Roy Pyle	Gerber
El Dorado	El Dorado	3,000	1,500	4,500	W. A. Rantz	F. N. Hosking	F. N. Hosking	Box 399, Placerville
El Nido	Merced		375	375	Geo. T. McFarland	A. L. Cowell	G. E. Winton	El Nido
Empire West Side	Kings		51	51	J. R. Newton	Josephine Hoey	A. J. Nielsen	P.O. Box 133, Stratford
Exeter	Tulare	4,000	1,000	5,000	H. H. Chandler	Harry T. Britten	Irvin H. Althouse	101 West Pine Street, Exeter
Fair Oaks	Sacramento	600	1,100	1,700	E. C. Phoenix	Guy L. Camden	E. E. Fulton	Fair Oaks
Fresno	Fresno		50,000	50,000	Phillip A. Gordon	Jewel War	Anson J. Gerner	Helm Bldg., Fresno
Glenn-Colusa	Glenn-Colusa		1,500	1,500	S. S. Havenor	H. R. Allard		Willows
Grenada	Siskiyou	100	100	200	C. J. Strong	G. Inabnit	G. Inabnit	Grenada
Hollister	San Benito	5,000	2,200	7,200	R. C. MacLachlan	Thos. E. O'Donnell	Jos. W. Gross	Hollister
Hot Spring Valley	Modoc		250	250	S. B. Kelley	E. C. Bonner		Alturas
Imperial	Imperial	35,000	35,000	70,000	Evan T. Hewes	W. W. Goodson	M. J. Dowd	El Centro
Island No. 3	Kings		156	156	J. B. Roberts	Nellie Kaiser		Rt. 2, Box 399, Kingsburg
Jacinto	Glenn		395	395	W. W. Koehler	R. Caldwell	R. Caldwell	Glenn
James	Fresno		250	250	G. R. Chaney	N. D. Ingham	N. D. Ingham	San Joaquin
Kings River Delta	Kings		15	15	Geo. A. Smith, Jr.	Geo. Thyarks		Consolidated Farms, Stratford
La Canada	Los Angeles	1,300		1,300	D. W. Green	F. E. Slutman	W. N. Carpenter	P.O. Box 37, La Canada
Laguna	Fresno, Kings		3,000	3,000	Fred L. Davis	Bessie L. Scutt	A. J. Nielsen	Rt. 1, Box 197, Laton
Lakeland	Kings		5	5	H. F. Libby	H. S. Hurlbut	Roy L. May	Box 907, Corcoran
Lakeside	San Diego	300		300	B. J. Conrad	H. P. Schiller	H. P. Schiller	Lakeside
La Mesa, Lemon Grove & S.V.	San Diego	5,000	5,000	10,000	F. R. Beaty	Ruth C. Drew	C. Harritt	4769 Spring Street, La Mesa
Lemoore	Kings	1,500	1,500	3,000	W. S. Winger			Lemoore
Linden	San Joaquin	175	500	675	Harry B. Murphy	A. L. Cowell	E. A. Morrill	309 Belding Bldg, Stockton
Lindmore	Tulare		2,000	2,000	J. S. Schutt	K. R. Clifford		Rt. 2, Box 537, Strathmore
Lindsay-Strathmore	Tulare	40	1,500	1,540	Ernest L. Daniels	H. R. Huebert	Geo. W. Trauger	P.O. Box 625, Lindsay
Littlerock Creek	Los Angeles		250	250	W. W. Ellis	T. C. Curtis		Littlerock
Lucerne	Kings		1,200	1,200	W. L. Haag	S. E. Railsback		Hanford
Madera	Madera	7,500	8,500	16,000	J. A. Secara	Harry Barnes	Harry Barnes	120 South D Street, Madera
Maxwell	Colusa		12	12	J. Garibaldi	Thos. J. Hately		1714 - 10th Street, Sacramento

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TABLE V
 DIRECTORY OF CALIFORNIA IRRIGATION DISTRICTS
 JANUARY 1, 1939

Name of District	County	Estimated Population			District Officials			District Office Address
		Inside Cities and Towns	Outside Cities and Towns	Total	President	Secretary	Manager or Engineer	
Merced -----	Merced -----	13,000	10,000	23,000	D. K. Barnell	H. P. Sargent	L. W. Hesse	P.O. Box 759, Merced
Modesto -----	Stanislaus -----	13,500	6,500	25,000	Milton L. Kidd	C. S. Abbott	N. M. Cecil	923 - 11th Street, Modesto
Mojava River -----	San Bernardino -----	-----	100	100	T. J. Thomas	-----	-----	Victorville
Montague -----	Siskiyou -----	450	150	600	G. W. Dwinnell	Roy E. Swigart	-----	Montague
Naglee-Burk -----	San Joaquin -----	-----	150	150	V. J. Reeve	George Wadsworth	V. J. Reeve	Roberts Bldg., Tracy
Nevada -----	Nevada, Placer -----	-----	5,000	5,000	Thos. Mulcahy	B. W. Baldwin	William Durbrow	144 South Auburn St., Grass Valley
Newport Heights -----	Orange -----	2,500	-----	2,500	Geo. A. Waterman	H. B. Woodrough	-----	Costa Mesa
Newport Mesa -----	Orange -----	400	-----	400	Chas. W. Tewinkle	D. J. Dodge	-----	Costa Mesa
Oakdale -----	Stanislaus, San Joaquin -----	3,350	4,150	7,500	V. A. Farren	C. W. Quinley	R. E. Hartley	Oakdale
Orange Cove -----	Fresno, Tulare -----	-----	700	700	Geo. Zaninovich	A. L. Schoepf	-----	Orange Cove
Oroville-Wyandotte -----	Butte -----	723	640	1,363	Carleton Gray	Leone Bishop	R. C. Tyler	P.O. Box 303, Oroville
Palmdale -----	Los Angeles -----	675	225	900	E. P. Moulton	H. P. Schoeller	H. P. Schoeller	Palmdale
Palo Verde -----	Riverside -----	2,300	3,300	5,600	Robert A. Grant	W. H. Fisher	C. P. Mahoney	P.O. Box 33, Blythe
Paradise -----	Butte -----	1,000	2,500	3,500	E. P. Shier	D. C. Peck	-----	Paradise
Potter Valley -----	Mendocino -----	100	400	500	J. E. March	L. S. Clark	-----	Potter Valley
Princeton-Codora-Glenn -----	Colusa, Glenn -----	250	750	1,000	A. W. Linville	W. G. Poage	R. N. Argo	Princeton
Provident -----	Colusa, Glenn -----	-----	150	150	Chas. Clark	Blanche Covert	-----	Willows
Ramona -----	San Diego -----	1,000	-----	1,000	Clara K. Graham	Ruby Bargar	John C. Bargar	Ramona
Red Rock Creek -----	Lassen -----	-----	15	15	John K. Eneboe	-----	-----	Susanville
Richvale -----	Butte -----	160	100	260	Sam Lofgren	Alvin L. Harry	Alvin L. Harry	Richvale
Riverdale -----	Fresno -----	-----	1,500	1,500	L. P. Adams	Tina Z. Cushman	V. L. Aitken	Riverdale
San Dieguito -----	San Diego -----	900	1,600	2,400	L. P. McChesney	Herbert Nunn	Herbert Nunn	Encinitas
Santa Fe -----	San Diego -----	570	300	870	A. W. Gilbert	D. M. Bakewell	D. M. Bakewell	Rancho Santa Fe
San Ysidro -----	San Diego -----	1,500	-----	1,500	L. McKelvey	L. Judd	L. Judd	San Ysidro
Scott Valley -----	Siskiyou -----	-----	300	300	C. F. Bryan	W. D. Mathews	-----	Fort Jones
Serrano -----	Orange -----	-----	700	700	Willard Smith	F. H. Collins	-----	R.D. 1, Box 860, Orange
Shafter-Wasco -----	Kern -----	4,000	6,000	10,000	Chas. Westenberg	Fred Pritschke	I. H. Althouse	Shafter
South Fork -----	Modoc -----	-----	60	60	D. E. Van Loan	C. S. Baldwin	-----	Alturas
South Montebello -----	Los Angeles -----	1,000	-----	1,000	James P. Dilyea	Mabel E. Kennedy	W. S. Duncan	1100 Mines Ave., Montebello
South San Joaquin -----	San Joaquin -----	4,500	9,500	14,000	Glaus Popp	S. L. Steele	C. J. Campbell	Manteca
Stinson -----	Fresno -----	10	25	35	Wm. H. Noble	H. R. Stone	W. F. Bryant	Burrell, Fresno County
Stratford -----	Kings -----	300	100	400	D. C. Jones	Alida Warneke	-----	Stratford
Table Mountain -----	Butte -----	-----	10	10	Ralph Christenson	C. J. Hermle	C. J. Hermle	P.O. Box 794, Oroville
Terra Bella -----	Tulare -----	200	300	500	John A. Rowe	E. H. Robinson	I. H. Althouse	P.O. Box 126, Terra Bella
Thermalito -----	Butte -----	-----	1,300	1,300	M. Hodgson	W. B. Taylor	W. B. Taylor	Rt. 3, Box 100, Oroville
Tracy Clover -----	San Joaquin -----	-----	170	170	C. P. Fuson	Geo. Wadsworth	-----	Roberts Bldg., Tracy
Tranquillity -----	Fresno -----	225	450	675	F. E. Miller	Iva Johnson	A. Segel	Tranquillity
Tulare -----	Tulare -----	7,000	3,500	10,500	E. A. Hesselstine	Geo. A. Moran	L. E. Robertson	Beebe Bldg., Tulare
Tule -----	Lassen -----	-----	100	100	F. C. Farwell	-----	-----	Susanville
Turlock -----	Stanislaus, Merced -----	7,500	18,500	26,000	E. O. McCombs	J. F. McCoy	R. V. Meikle	117 W. Main St., Turlock
Vandalia -----	Tulare -----	-----	150	150	W. D. Emory	H. C. Pegram	I. H. Althouse	Box 1026, Porterville
Vista -----	San Diego -----	750	3,245	3,995	J. W. Rose	Chas. H. Mull	Chas. H. Mull	Vista
Walnut -----	Los Angeles -----	-----	300	300	F. C. Collins	E. D. Crouch	-----	Rivera
Waterford -----	Stanislaus -----	400	925	1,325	A. E. Ketcham	J. R. Browder	Wm. Lehnkuhl	Waterford
West Side -----	San Joaquin -----	523	1,083	1,606	Alfred Pereira	Wylesy R. Hansen	M. C. Monroe	Tracy
West Stanislaus -----	Stanislaus, Merced -----	100	300	400	W. W. Cox	Elbridge Smith	W. F. Woolley	Westley
Woodbridge -----	San Joaquin -----	-----	250	250	E. J. Shinn	W. E. Vandiveer	Frank Goldman	Woodbridge
Totals -----	-----	160,306	245,149	405,455	-----	-----	-----	-----
DIRECTORY CALIFORNIA WATER STORAGE DISTRICTS								
Buena Vista Water Storage -----	Kern -----	300	2,600	2,900	J. Leroy Nickel, Jr.	W. E. Woolley	Geo. K. Parker	Buttonwillow
Tulare Lake Basin Water Storage -----	Kings -----	-----	-----	-----	Harry Lee Martin	Dan Hadsell	Roy L. May	Hanford
North Kern Water Storage -----	Kern -----	-----	-----	-----	Hugh S. Allen	G. L. Henderson	G. L. Henderson	1712 - 19th St., Bakersfield

