STATE OF CALIFORNIA DEPARTMENT OF PUBLIC WORKS

PUBLICATIONS OF THE DIVISION OF WATER RESOURCES EDWARD HYATT, State Engineer

BULLETIN No. 21-B

REPORT

ON

IRRIGATION DISTRICTS

IN

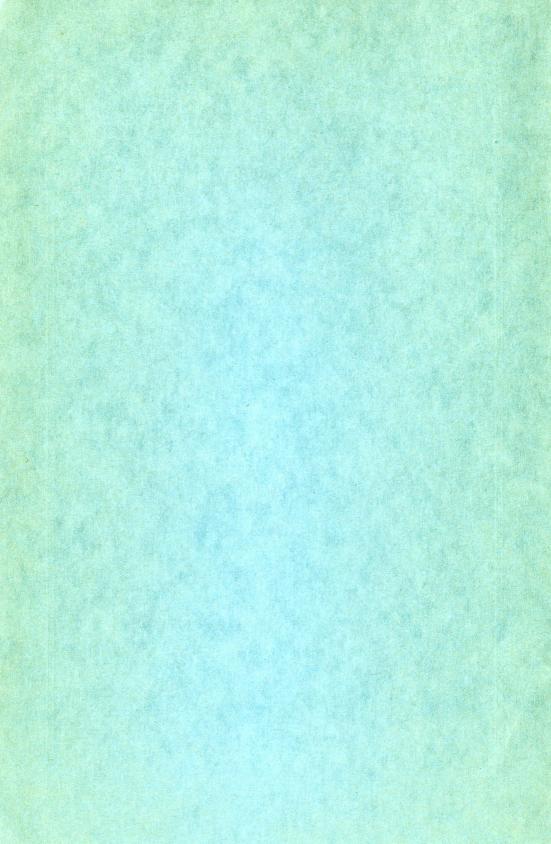
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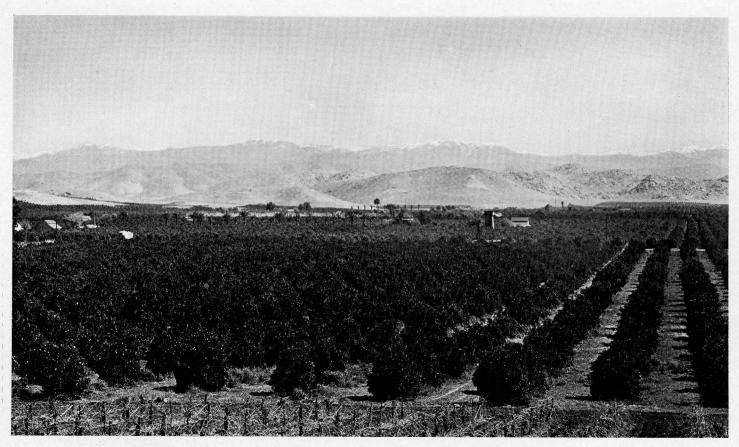
For the Year 1930

1931



CALIFORNIA STATE PRINTING OFFICE HARRY HAMMOND, STATE PRINTER SACRAMENTO, 1931





Orange groves, Lindsay-Strathmore Irrigation District

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ORGANIZATION

WALTER E. GARRISON	Director of Public Works
EDWARD HYATT	State Engineer
A. N. Burch	Irrigation District Investigations
RAY S. CARBERRY	Assistant

FOREWORD

The data contained in this report have been assembled by the office of the State Engineer, Division of Water Resources, Department of Public Works, from information furnished by the irrigation districts of the State. This information has been analyzed and checked, and while it is believed to be substantially correct and reliable, there may be minor inaccuracies in individual cases. Three earlier reports have been published on this subject, giving complete information of irrigation districts and the irrigation district movement in California up to and including 1929. These earlier reports are presented in Bulletin 2 (1916) of the State Department of Engineering, Bulletin 21 (1929) of the Department of Engineering and Irrigation and Bulletin 21-A (1930) of Division of Water Resources. The present report is published for the purpose of continuing this series of bulletins and bringing up to date historical and statistical data on California irrigation districts, and recording such other information as was obtained on irrigation district activities in 1930. It is desired to express the appreciation of this office for the cooperation of district officials. Through their generally prompt response to our requests for information, we have been able to prepare for publication the irrigation district bulletin for 1930 three months earlier in the year than was possible for the 1929 report.

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CHAPTER I

INTRODUCTION

Irrigation Development.

The 1930 census figures give the irrigated area of the United States as 19,578,441 acres, of which 4,731,632 acres, or 22 per cent, are in California. Ten of the states had less irrigated land in 1930 than in 1920, while nine show increases. The increase for the decade for all states was 2.3 per cent, while that for California was 12½ per cent. One-half of all of the active irrigation enterprises in the United States are shown to be located in California. The total area irrigated in California irrigation districts in 1930 was 37.8 per cent of all of the land irrigated in the State, and 9.1 per cent of all the land irrigated in the United States.

Weather Conditions in 1930.

Following an unusually dry winter many sections of the State entered the growing season with a deficient supply of soil moisture. This was in some measure compensated for by spring rains, although many crops required extra irrigations. March, April and May were good growing months, without serious frost periods, notwithstanding that the latter month was the coolest May recorded in California since 1897. June to August were seasonably normal, without long periods of excessive heat, as sometimes occur in the interior of the State. September was unusually cool, but October, being warm and unusually dry, was a favorable month for harvesting rice and other crops. Killing frosts occurred in the last week of November. On the whole, 1930 was a most favorable year, with most crops producing in excess of early estimates.

Crops and Comparative Crop Prices.

The unit values of field crops produced in California in 1930 reached about the low level of 1921, and were decidedly lower than for 1929, for which year the prices received for most field crops were not remunerative to the grower. Prices for the principal truck and fruit crops were also at a low ebb. The yields of fruit were generally large and qualities were good. Market conditions were exceedingly unsatisfactory and large quantities of many fruits were left unharvested and were a total loss, while a considerable proportion of clingstone peaches and raisin grapes were purchased at a nominal price by the canning and raisin industries and as a stabilizing measure left on the ground to rot. It is estimated that while there was 35 per cent more of the principal tree fruits and grapes actually harvested in 1930 than in 1929, the total returns for 1930 were only 76 per cent of the total for 1929. indicative of the general and abrupt slump in returns to farmers in 1930, the following figures compiled from the cooperative crop reports of the State Department of Agriculture for 1929 and 1930 show the prices of the principal crops grown in irrigation districts in that year in percentages of prices received for the same crops in 1929:

FIELD CROPS—	1930 price in per cent of 1929 price
	78
Wheat	
Barley	
Rice	
Cotton	
Hav	
Potatoes	75
Truck—	
Cantaloupes	81
Watermelons	70
Lettuce	90
Onions	79
Tomatoes (canning)	95
Tomatoes (table)	87
Peas (table)	
Fruits—	
Apples	61
Pears	33
Peaches (canning)	30
Apricots	62
Prunes	35
Plums	38
Cherries	
Raisins	
Raisin grapes (fresh)	58
Table grapes	
Wine grapes	
Oranges	
Lemons	
Figs (fresh)	
Figs (fresh) Figs (dried)	53
Olives	93
Almonds	
Walnuts	
vv amus	100

There was a decided recession in prices to the grower of live stock, and the returns from dairy products and poultry left no margin of profit to the producer.

Irrigation District Finances.

The principal revenues for the operation and repayment of capital costs of irrigation districts are derived from the products of the land. Anything that adversely affects the prosperity of the farmers is necessarily reflected in the collection of such revenues. While there were a total of fourteen districts in default prior to 1930, and most of these probably would not have been able to collect sufficient revenues to meet their costs in any case, there were additional defaults in 1930 which can be attributed primarily to the falling off of returns from farm operations for that year. It is estimated that in general the returns from the land did not exceed 75 per cent of those of 1929, yet of the total 1930 bond obligations of all districts not theretofore in default, 93 per cent were paid.

Under date of December 1, 1930, the findings of the Irrigation and Reclamation Financing and Refinancing Commission, appointed under the act of May 27, 1929, were reported to the Governor. The commission found that the California irrigation district law was fundamentally sound, and that in general the districts operating under it were well managed; that general depressed agricultural conditions together with an extended period of subnormal rainfall were primarily responsible for the impairment of the earning power of district lands, and that defaults could be traced to these factors, combined in some cases with overcapitalization and short amortization periods. Certain amendments to

the irrigation district act were recommended. Most of these amendments were passed by the 1930–1931 Legislature, but a recommendation that funds be appropriated by the State for the relief of districts failed

to win the approval of the legislators.

Efforts were continued to enlist Federal aid for refinancing irrigation districts, and in the furtherance of this end, as well as that of securing State aid, too much emphasis apparently was placed on the present and possible future insolvency of California irrigation districts, which together with general financial uncertainty has resulted in the holders of district bonds becoming unduly alarmed and these securities reaching a low mark, for which there is no justification. Certain districts, intrinsically solvent, should have an extension of credit and/or a reduction in interest rates. The districts that are actually badly involved will require an adjustment of the debt to the ability of the land to pay, but any prediction that California irrigation districts are on the verge of a general collapse has no basis in fact.

Irrigation District Legislation.

Some 37 amendments to irrigation district laws were passed by the 1930–1931 Legislature. The changes affecting the California irrigation district act were largely in the procedure for the issuance and redemption of bonds, and relating to the collection of assessments and sale and redemption of delinquent lands. The most important of these changes are as follows:

Bonds.—Any bond issue may be made to mature serially or at one time, and the maximum period for maturity is increased to 50 years; bonds are subject to call on any interest payment date prior to their fixed maturity. Revenues for bond payments may be based in whole or in part on proceeds derived from contracts for the sale of water and/or electricity or from any other sources than assessments, and such revenues when so allocated can not be used for any other purpose. Districts may purchase with surplus funds any bonds not yet due, without advertising for bids. Provision is made for the exchange of district bonds for canals, irrigation works or other property.

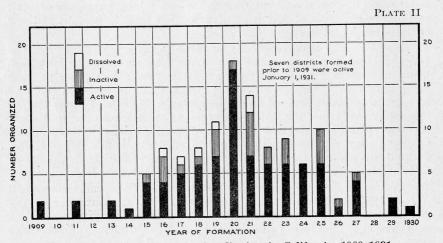
California District Securities Commission.—The Bond Commission Act of 1913 is repealed and a commission created, consisting of the Attorney General, Superintendent of Banks, State Engineer and two experienced irrigationists appointed by the Governor. The securities act provides for procedures for bond issues and for the certification of bonds similar to those of the bond commission act. Some additional authority is given in requiring annual reports from districts. However, the greatest additional authority vested in the commission is that it shall act as the State agency, under the jurisdiction of the superior courts, for the investigation and settlement of the financial affairs of insolvent irrigation districts.

Assessments.—Some minor changes are made in the procedure for assessment. Districts are permitted to collect a stand-by charge whether water is used or not. Assessments for depreciation are authorized. Four funds are created to which the moneys properly belonging shall be apportioned, viz: bond principal fund, bond interest fund, construction fund, general fund. Authority is given the directors to accept a partial redemption of land sold for assessments.

Irrigation Districts Association.

The 1930 spring meeting of the association was held in San Diego, April 17th to 19th. There were discussions on various matters of interest to irrigationists, including methods of distributing water in times of shortage, concrete lining of canals, district accounting, administration of land deeded to districts for delinquent assessments, and Federal assistance to the Palo Verde district.

The fall meeting was held in Stockton, November 21st and 22d. Practically all of this session was taken up with a discussion of irrigation district financing, Federal and State aid for districts, and suggested new State legislation affecting irrigation interests.



Rate of organization of irrigation districts in California, 1909-1931



Concrete lined main canal, Turlock Irrigation District

		Estimated population						
Name of district	district County	Inside cities and towns	Outside cities and towns	Total	President	Secretary	Manager or Engineer	Office address
Alpaugh	Tulare		150	150	H. R. Leek	A. B. Allen	A. B. Allen	Alpaugh
Alta	Tulare, Fresno, Kings	7,000	7,500	14,500	Walter Billingslea	E. Sibley	E. Sibley	Dinuba
nderson-Cottonwood	Shasta, Tehama	1,200	1,200	2,400	Lewis Arnett	Carl F. Eaton	Clyde Smith	Anderson
Banta-Carbona	San Joaquin		750	750	F. D. Ryner	Elvira Hondaa	J. B. Knight	Tracy
Bard	Imperial		1,000	1.000	S. M. Colby	W. C. Ross	o. D. Imgnesses	Ross Corner,
Jaiu	Imperial		1,000	1,000	b. M. Colby	11. 0. 1035		Yuma, Arizona
Baxter Creek	Lassen		225	225	C. M. Stewart	J. A. Pardee		Susanville
Beaumont	Riverside	1.800	500	2,300	E. D. Norcross	E. D. Stahl	A. F. McGee	Beaumont
Big Springs	Siskiyou		150	150	K. Gemmet	Roy E. Swigart	A. F. MCGee	Montague
Browns Valley	Yuba		400	400	L. B. Gurney	F. E. Snell	L. B. Gurney	Browns Valley
Butte Valley	Ci-line.	250	750	1,000	H. L. Nelson	M. A. Gilmer	M. A. Gilmer	Macdoel Macdoel
Dutte vaney	SiskiyouContra Costa, San Joaquin,	200	750	1,000	n. L. Neison	M. A. Gilmer	M. A. Gilmer	Macdoel
Byron-Bethany		300	1 000	1 700	TYT T TI	G A TF 1	Y7 T YY7 11	2
N	Alameda		1,200	1,500	W. J. Livingston	G. A. Howard	V. L. Woolley	Byron
Camp Far West	Placer, Yuba		100	100	R. H. Durst	Robert Anderson		Wheatland
Carmichael	Sacramento		750	750	E. M. Lynch	Roy W. Sullivan	L. Williamson	P. O. Box 12, Carmichae
Carpenter	Orange	950	150	1,100	L. W. Evans	D. S. Smiley	A. Kempkey	R.R. 3, Box 249, Orange
Citrus Heights	Sacramento, Placer		700	700	J. A. Gray	Floyd J. Locher	J. H. Peugh	R.F.D. 1, Box 77,
Compton-Delevan	Colusa		75	75	W. H. Lovelace	C. E. Ryan		Roseville 550 Montgomery St.,
Consolidated	France Tulone Vines		24.000	24,000	W. H. Shafer	A. R. Stedman	I. H. Teilman	San Francisco
Corcoran	Fresno, Tulare, Kings		1.500	1,500	J. M. Hansen	D. I. Drown	R. G. Wollett	1728 Tucker Ave., Selma
Cordua	Kings Yuba				W. Steel			Corcoran
Deer Creek			40	40 65	Charles Dicus	Jeanette Frank Mabel Hall		Marysville
	Tehama	500	65					Vina, % C. Dicus
East Contra Costa	Contra Costa	500	700	1,200	Robt. Wallace	Margaret Wallace	G. Jones	Brentwood
El Camino	Tehama		600	600	John Koth, Jr.	O. R. Smith	O. R. Smith	Gerber
El Dorado	El Dorado	3,000	3,000	6,000	W. A. Rantz	R. W. Browne	F. N. Hosking	Box 398, Placerville
El Nido	Merced		300	300	D. Pedrelli	A. L. Cowell	C. E. Graham	912 California Bldg., Stockton
airoaks	Sacramento		1,500	1,500	E. C. Phoenix	Guy L. Camden	E. E. Fulton	Fairoaks
Fallbrook	San Diego	7 (100)	800	900	Victor B. Westfall	C. C. Cook	23. 24 uton	Fallbrook
Foothill.	Fresno and Tulare	500	700	1,200	H. J. MacKenzie	Geo. P. Pettengill	M. E. Enderlein	Orange Grove
resno	Fresno		50,000	50,000	A. B. Tarpey	J. Allan Hall	Geo. L. Swendsen	1001-9 Griffith-McKenzi
Henn-Colusa	GI. G.I		1 700	1 700	0.0.11	TT D 411 1	D C EL	Bldg., Fresno
	Glenn, Colusa		1,500	1,500	S. S. Havenor	H. R. Allard	R. S. Edwards	Willows
Frenada	Siskiyou	108	132	240	W. E. Wanaka	Stuart Taylor		Box 53, Grenada
Hemet	Riverside		150	150	G. I. Webster	E. O. Eggen		Hemet
Hot Spring Valley	Modoc		150	150	S. B. Kelley	A. K. Wylie		Alturas
mperial	Imperial	28,473	32,421	60,894	C. W. Brockman	F. H. McIver	M. J. Dowd	El Centro
sland No. 3	Kings		320	320	J. B. Roberts	Mrs. A. J. Scott		Rt. 1, Laton

Jacinto	Glenn		325	325	W. W. Koehler	Rosco Caldwell	Rosco Caldwell	Glenn
James	Fresno		175	175	Peter Rusconi	N. D. Ingham	N. D. Ingham	San Joaquin
La Canada	Los Angeles		1.000	1.000	Dan W. Green		W. N. Carpenter	Box 37, La Canada
Ladera	Riverside		300	300	O. S. Smith			Elsinore
Laguna	Fresno, Kings		3,000	3.000	L. L. Garner		R. F. Mock	Rt. 1, Box 197, Laton
Lakeland	Kings		10	10	Forrest Riley	H. S. Hurlbut	Lars Anderson	Corcoran
	Kings	165	10	165	O. F. Einer		H. P. Schiller	Lakeside
Lakeside	San Diego	100		100	O. F. Einer	H. F. Schmer	11.1. Schine	Dakeside
La Mesa, Lemon Grove and			0.500	0.000		Ruth C. Drew	C. Harritt	P.O. Box 82, La Mesa
Spring Valley	San Diego	4,500	3,500	8,000	F. R. Beatty			
Lemoore	Kings		1,500	1,500	W. S. Winger	H. E. Odale		Lemoore
Linden	San Joaquin	50	400	450	Ralph G. Houston	A. L. Cowell		912 California Bldg., Stockton
Lindsay-Strathmore	Tulare		4,500	4,500	Ernest L. Daniels	H. R. Huebert	Geo. W. Trauger	Lindsay
Littlerock Creek	Los Angeles		200	200	Vernon A. Carr	W. J. Kling		Littlerock
	TOS Angeles	700	1,200	1,900	W. L. Haag	S. E. Railsback		Hanford
Lucerne	Kings					J. A. Secara	Harry Barnes	Madera
Madera	Madera	6,000	5,000	11,000	T. S. Coffee		G. E. Mallon	1710 10th St
Maxwell	Colusa		20	20	C. E. Schoff	Thos. J. Hateley	G. E. Mallon	
		-1						Sacramento
Merced	Merced	8,000	5,000	13,000	D. K. Barnell	H. P. Sargent	A. A. Blakesley	Drawer L-1, Merced
Modesto	Stanislaus	15,000	8,000	23,000	J. B. Fiscalini	C. S. Abbott	F. J. Van Winkle	Modesto
Mojave River	San Bernardino		100	100	T. J. Thomas	J. S. Nation	W. E. Fussing	518 E. 10th St., Upland
Montague	Siskiyou	500	200	700	G. W. Dwinnell	Roy E. Swigert		Montague
Naglee-Burk	San Joaquin		200	200	V. J. Reeve	George Wadsworth		Roberts Bldg., Tracy
Nevada	Nevada, Placer		5,000	5,000	J. A. Teagarden	Mrs. B. W. Baldwin	Wm. Durbrow	Grass Valley
Newport Heights	Orange	400	1,100	1,500	Geo. A. Waterman	C. R. Van Duyn		Costa Mesa
Newport Mesa.	Orange	100	300	300	Chas. W. TeWinkle.			Box 350, Costa Mesa
Oakdale	Stanislaus, San Joaquin	3,600	2,900	6,500	H. B. McMath	M. P. Kearney	R. E. Hartley	Oakdale
Oroville-Wyandotte	Butte	400	600	1.000	Carelton Gray	W. J. Monro	R. C. Tyler	Box 256, Oroville
Owens Valley	Invo	1,500	500	2,000	B. E. Johnson	Dell Yandall	W. R. McCarthy	Bishop
Palmdale	Los Angeles	550	50	600	F. J. Ikler	Mrs. Dorris Hussy	H. P. Schoeller	Palmdale
	Riverside, Imperial		2,500	3,500	Tony Sealey	W. G. Schollenberger	C. P. Mahoney	Blythe
Palo Verde	Riverside, imperial	1,000			Tony Sealey		J. E. Allev	Paradise
Paradise	Butte	200	1,000	1,200	A. W. Patton	J. E. Alley		
Potter Valley	Mendocino	100	450	550	J. E. March	Fred L. Bosworth		23-24 Hofman Bldg., Ukiah
Princeton-Codora-Glenn	Colusa, Glenn		1,000	1.000	V. D. Sharer	W. G. Poage	S. P. Pitt	Princeton
Provident			150	150	A. E. Moutrey	L. M. Benoit	T. E. Balch	Willows
	San Diego	850	100	850	R. L. Jerman	Mildred Wilson	J. C. Bargar	P.O. Box 34. Ramona
Ramona				800	John K. Enebae	Willarea Wilson	J. C. Dargar	Susanville
Red Rock Creek	Lassen						- 11	
Richvale	Butte	200	100	300	J. E. Baker	Mrs. Grace Strong	Alvin Harry	Richvale
Riverdale	Fresno		1,000	1,000	L. F. Adams	Tina Z. Cushman	C. W. Baker	Riverdale
San Dieguito	San Diego	1,200	1,000	2,200	Chas. H. Webster	G. E. Thrailkill	W. C. Brown	Encinitas
Santa Fe	San Diego	560	240	800	Ira E. Conner	W. O. Boettiger	W. O. Boettiger	Rancho Santa Fe
San Ysidro	San Diego	1,500		1,500	Pullan Foster	L. Judd	G. P. Hart	San Ysidro
Scott Valley	Siskiyou		120	120	C. F. Bryan	H. G. Reynolds		Fort Jones
Serrano	Orange		300	300	Willard Smith		A. Kempkey	R.F.D. 1, Box 168, Orange
South Montebello	Los Angeles	850		850	J. H. Dutcher	Mrs. Sarah F. Becker	W. S. Duncan	1210 Spruce St., S. Pasa- dena
South San Joaquin	San Joaquin	4,000	4,000	8,000	R. H. Groves	S. L. Steele	George K. Parker	

DIRECTORY OF CALIFORNIA IRRIGATION DISTRICTS—Continued

		Esti	mated populati	ion		District officials				
Name of district	County	Inside cities and towns	Outside cities and towns	Total	President	Secretary	Manager or Engineer	Office address		
Stinson	Fresno		200	200	B. W. Kilby	R. M. Bostwick	W. F. Bryant	Pacific Southwest Bldg., Fresno		
Pable Mountain Terra Bella Thermalito Tracy-Clover Tranquillity Tulare Tule Turlock Vandalia Vista Watnut Waterford West Side West Stanislaus Woodbridge	Butte Tulare Butte San Joaquin Fresno Tulare Lassen Stanislaus and Merced Tulare San Diego Los Angeles Stanislaus Stanislaus Stanislaus Stanislaus Stanislaus	150 6,000 20 6,000 800 300	40 500 1,200 140 300 2,400 100 14,000 1,519 250 600 1,340 400 200	40 650 1,200 140 450 8,400 120 20,000 150 2,319 250 900 1,340 430	R. W. Campbell R. C. Gunnison M. Hodgson B. R. Mehring J. A. Benkert R. H. Beaver F. C. Farwell D. C. Thornburg Walter D. Emory Chas. M. Stokes L. R. Paxton Guy Laughlin Samuel A. Shearer W. W. Cox W. J. Robinson, Jr.	John Brereten, Jr. E. H. Robinson Raymond A. Leonard. George Wodsworth J. E. Tuttle. Glenn L. Moran J. A. Pardee. Mrs. Anna Sorensen H. C. Pegram W. O. Bissinger Laure E. Paxton C. W. Quinley John C. Chrisman Elbridge Smith Olla L. Strother	R. M. Gray I. H. Althouse W. B. Taylor H. M. Crooker R. V. Meikle I. H. Althouse Chas. N. Bell W. Lehmkuhl W. F. Woolley Frank Davis	Feather Ave., Oroville Terra Bella Oroville Roberts Bldg., Tracy Tranquillity P.O. Box 477, Tulare Susanville Turlock Box 1026, Porterville Vista R.F.D. Box 670, Rivers Waterford Box 607, Tracy Westley Woodbridge		
Totals		109,806	213,757	323,563						
Buena Vista Water Storage Tulare Lake Basin Water Storage	Kern	100	300 25	400 25			M. N. Krag			
Totals		109,906	214,082	323,988						

CHAPTER II

DISTRICT ORGANIZATIONS

Irrigation Districts.

Since the passage of the Wright Act in 1887 there have been organized in California 166 irrigation districts, embracing within their boundaries approximately 6,104,000 acres, or an area of about 27% of the total agricultural lands of the State. Through proper legal procedure 49 of these districts, containing 2,104,000 acres, have been dissolved, and of the remaining 117, two are in the process of dissolution. Of the 117 districts now existing, 22 may be said to be inactive, in that they have not built irrigation works and no water is furnished to the included lands through the district organizations. Of the 49 districts dissolved 33 voted bonds in the total amount of \$13,839,000. Approximately \$6,000,000 of the bonds voted were never issued, and prior to dissolution settlements were effected which retired all outstanding bonds of the dissolved districts. Of the 117 districts now existing, 84 have voted bonds in the total amount of \$156,304,558, \$4,830,511 of which were refunding bonds. On January 1, 1931, the total of all irrigation district bond issues outstanding was \$96,503,091.

Irrigation Districts Organized in 1930.

In 1930, while there was more activity than for the previous year in promoting the formation of new districts, but two districts petitioned for organization, viz: Rio Seco and Richvale, both located in Butte County. The petitions for both of these districts were referred to the State Engineer, who reported favorably on the Richvale project, and, for the reason that the elements necessary for the successful operation of a district appeared to be lacking, unfavorably on the Rio Seco project.

RICHVALE IRRIGATION DISTRICT

Location: Townships 18 and 19 North, Ranges 1 and 2 East, M.D.B. and M., Butte County, about midway between Marysville and Chico.

Date of organization election: June 23, 1930. Vote on organization: 73 for, 1 against.

Gross area: 17,170 acres.
Principal town: Richvale.
Post office: Richvale.

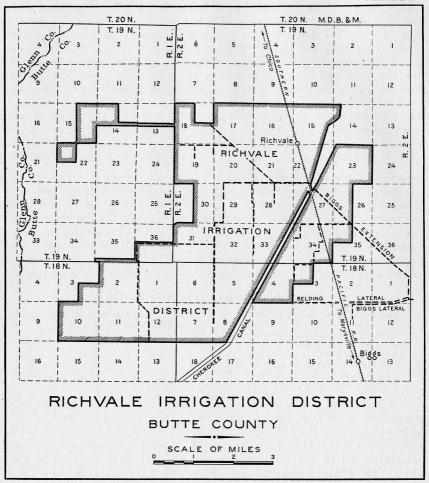
Transportation: Southern Pacific and State highway.

History and development.—Until about 1910 most of the lands of the district were dry farmed. The Richvale area was the first in California to develop the culture of rice on a commercial scale, and beginning about 1911 this crop became of increasing importance until practically all of the lands within the district were devoted to rice. The United States Department of Agriculture maintains a rice experiment station near Richvale, and through cooperation with this station the farmers in this district have stabilized rice growing and have developed one of the best rice-production sections in the State. Nearly all of the farmers in the district are members of the local rice growers' association, which is affiliated with the State association. A system of rotation prevails and an average of about 6500 acres are annually cropped to rice. The population of the district is estimated at 300,

There are 1.52 separate land holdings, seven of which contain ten acres or less. There are fifteen holdings of 300 acres or more. The total assessed valuation of the land at the time of the formation of the district was \$634,942, and of improvements \$98,450.

Soils, topography and drainage.—The soil in the greater portion of the area is classed as Stockton clay adobe, which has proven one of the best for rice culture. The lands of the district vary in elevation from 110 to 50 feet with a slope of three to five feet per mile to the southwest. The district has a complete and effective system of drainage.

PLATE IV



Water supply.—The district was irrigated by water furnished by the Sutter-Butte Canal Company, a public utility, which diverts from the Feather River. There had been progressive adjustments upwards in the rates of the utility company, and the district was organized for the purpose of reducing and stabilizing the cost of water for its lands by obtaining its own water supply.

Outstanding bonds.—The district had when organized total outstanding obligations for schools, drainage and reclamation amounting to approximately \$229,000, or an average of \$13 per acre. There are 16,202 acres included in drainage and reclamation projects on which the outstanding district obligations average \$12.60 per acre. The district voted a bond issue of \$515,000 with which to purchase a water supply and canal system.

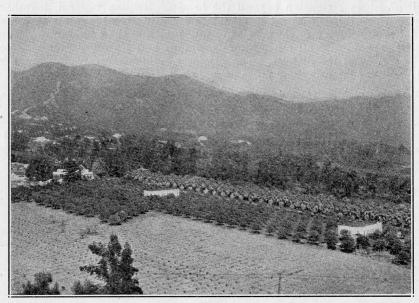
Works.—Under an agreement with the Sutter-Butte Canal Company, dated November 3, 1930, the district purchased for a consideration of \$500,000 a one-sixth interest in all the company's water rights in the Feather River, except those granted under pumping permit No. 688, a one-sixth interest in the diversion works on Feather River and in three miles of main canal; one-third interest in Biggs Extension to the head of Belding Lateral; also a two-thirds interest in all of Biggs Extension beyond the head of Belding Lateral, together with a two-thirds interest in all laterals leading from Biggs Extension that are necessary to the service of lands outside the boundaries of the district; and also all other laterals, pumps and property necessary to the service of the district. The property acquired involved altogether 47 miles of laterals, four miles of main canal and 555 structures.

Districts Organized for Irrigation or Water Conservation Other Than Irrigation Districts.

The California water storage district act authorizes the organization of districts whose primary purpose is to provide storage for irrigation. There are two districts with a total area of 230,000 acres organized under this law.

There are some 25 districts operating under the county water district act or similar acts, for the purpose of supplying domestic and irrigation water. These districts are organized under the authority of county boards of supervisors, and their operations are not generally subject to the review of any State agency. The only district of this character organized in 1930 is the Santa Clara Valley Water Conservation District. This district was formed under the Water Conservation Act of 1929 and embraces 133,000 acres in Santa Clara County.

PLATE V



Central portion of La Canada Irrigation District

CHAPTER III

STATISTICAL INFORMATION

Following this chapter is a group of seven tables summarizing information as of January 1, 1931, pertaining to all active California irrigation districts. A brief discussion of the contents of these tables and a summary of financial activities of districts in 1930 follows:

Sources 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 for the season of 1930, water diverted by gravity and by pumps and the distribution of water diverted. There are 17 major reservoirs with capacities ranging from 2000 to 286,000 acre-feet, with a total capacity of all reservoirs of 1,210,000 acre-feet. Water stored amounted to 695,000 acre-feet or a little more than 57% of the total capacity of the reservoirs. Diversions reported are 6,109,237 acre-feet by gravity, and 644,205 acre-feet pumped from streams and 339,841 from wells. Of the total of 7,093,283 acre-feet diverted, 5,301,903 acre-feet, or 74.7%, were reported as distributed for irrigation and domestic use.

Cost per Acre Irrigated.

Table II is a summary of the 74 districts reporting on the amount of water diverted in 1930, showing the total diversions, the average per acre irrigated, and the estimated cost based on the assessments on lands of usual valuation and water tolls applied to the average amount of water diverted per acre irrigated. The amount of water diverted by the districts ranges from a minimum of 0.11 to 14.77 acre-feet per acre irrigated. However, in most cases of districts located in the central part of the State, a figure of less than two acre-feet does not usually represent the quantity of water actually diverted per acre for crops, as in this section a great many private wells are used to supplement the supplies furnished by the districts, and the districts have no records of the quantity of water thus diverted. The cost per acre irrigated for the average amount of water diverted, as shown in the last column of the table, runs from a minimum of \$0.38 to a maximum of \$102.64.

An analysis of the data submitted indicates the following for irrigation districts reporting a full water supply:

			Water	Average	
Location of districts	Number of district	Acres irrigated	Total acre-feet	Acre-feet per acre	cost per acre irrigated
Northern and Central California Southern California, except Colorado River Colorado River	39 12 3	633,855 16,814 470,635	2,824,870 22,765 3,463,455	4.46 1.35 7.36	\$5 91 30 70 5 16

Areas and Crops.

Table III is a summary of the gross, irrigable and irrigated areas of the 86 districts which returned a crop report for 1930. The table also shows the number of individual holdings in each district and the

area held under tax deeds by the districts on January 1, 1931. The 86 districts contain 3,470,236 acres, of which 2,919,593 are irrigable. The total number of holdings is 86,219, of which it is estimated approximately 52,000 are farm holdings with a population of 214,000. The districts have taken tax deeds to 72,431 acres or about 2.1 per cent of the total area. Of the irrigable land 2,168,713 acres were cropped, and of the cropped land 1,789,887 acres were irrigated. Seventy-four per cent of the irrigable area was cropped and 61 per cent was irrigated. There was an increase of 34,287 acres over that reported irrigated in 1929. The following is a summary of all irrigated crops reported:

Kind of crop	Acres	Per cent of whole
Alfalfa	450,426	25.2
Grain and grain hay	273,779	15.3
Field and truck		14.2
Cotton		5.1
Rice	41,051	2.3
Vines	239,500	13.4
Deciduous fruits, nuts and olives	139,485	7.8
Citrus	41,025	2.3
Avocados	4,554	0.2
Not segregated	254,676	14.2
	-, -	
	1,789,887	100.0

Assessments, Water Tolls and Other Revenues.

Table IV sets up the principal sources and amounts of the income of California irrigation districts in 1930. The table indicates that the total assessment levies of all districts for the calendar year 1930, computed as one-half of the sum of the levies for 1929-1930 and 1930-1931, was \$10,459,088. Add to this the amount of water tolls and other revenues collected in 1930 amounting to \$4,687,789, and the result is a grand total of estimated revenues for the year of \$15,146,877. It is estimated that the total earned revenues collected in 1930 amounted to approximately \$12,760,000, the uncollected balance being mostly delinquent assessments. Columns 1, 2 and 3 of the table gives the amount of unredeemed tax certificates as of January 1, 1931, for the assessment years 1927–1928 to 1929-1930, and a subsequent column gives the total number of tax certificates sold at the date of sale in 1930. The average delinquency on the 1929-1930 assessment at the date of the 1930 tax sale was 20.5 per cent. For 1928-1929 the delinquency was 15.7 per cent, and for 1927-1928, 18.7 per cent.

Bonds and Warrants.

Table V sets forth the status as of January 1, 1931, of all bonds of districts operating under the California Irrigation District Act, showing the amount voted, canceled, sold, paid and outstanding on that date, as well as the amount of bond principal and interest in default. In addition, the last column of the table shows the amount of interest-bearing warrants outstanding. A comparison of this column with like data for 1929 indicates that the districts in 1930 increased their warrant indebtedness over the previous year in the total amount of \$509,420.

El Nido, Merced County, was the only irrigation district which voted bonds in 1930. The amount of bonds voted by this district was \$135,000, which together with \$7,000 of El Camino bonds were the only

issues validated by the California Bond Certification Commission in 1930. The following bond sales were authorized by the commission:

A	uthorized sale	Sold
District	1930	1930
Banta-Carbona	\$6,000	\$6,000
El Dorado	350,000	88,000
Nevada		91,000
Oroville-Wyandotte	36,000	36,000
West Stanislaus	50,000	100,000
	\$442,000	\$321,000

Following is a summary of bond information as of January 1, 1931, on existing California irrigation districts:

Total issues voted		\$156,304,558
Disposition of bonds.		
Original issues:	#4.00.0E4.004	
Sold		
Unsold		
Canceled	1,536,350	\$151,474,047
Refunding issues:		4/10/1,1/1/10/1
Sold or exchanged	\$4,429,511	
Unsold		
Canceled		
		\$4,830,511
Present status of bonds.		
Original issues:		
Paid		
Refunded		
Outstanding	93,559,210	
Refunding issues:		
Paid	1,485,630	
Outstanding		
Paid, all issues	And the second of the second o	\$9,569,130
Outstanding, all issues		\$96,503,091
Principal in default		\$710,700
Interest in default		\$1,827,217
Disposition of 1930 bond obligations.		
Principal paid	\$1,361,098	
Interest coupons paid		
Interest coupons para	1,100,000	\$6,146,467
Refunded		\$64,000
Defaulted: Principal		φσ1,000
Interest		
		\$928.159
		1

Percentage of 1930 bond and bond interest payments defaulted, 13%.

Annual Bond Obligations.

Table VI is a set-up of the annual bond obligations of each California irrigation district as of January 1, 1931, to December 31, 1950. In the last column is shown the total face value of bonds maturing serially after 1950. Plate VI appearing on page 24 indicates graphically the combined bond obligations of all irrigation districts, showing the trend and peak of bond payments, interest payments, and combined bond and interest payments from January 1, 1931, to the maturity of the last bond and interest coupon outstanding on that date.

Bond Obligations per Acre.

Table VII shows the average bond obligation per acre for each district and the average for all districts having outstanding bonds. These figures are a general average only, and they are not therefore necessarily a measure of the bond principal and interest payments required of any particular acre of land, as this requirement varies with the assessed valuation, which in most districts is not the same for all of the included lands.

Expenditures Approved from Bonds.

The California Irrigation District Act and the Bond Certification Commission Act provide for the approval by the Bond Commission of all district expenditures proposed from funds derived from the sale of bonds. Such proposed expenditures, as represented by approvals of the Bond Commission in 1930, were as follows:

Banta-Carbona	\$5,760	00
Buena Vista Water Storage	942,731	
El Camino	7,000	00
El Dorado	376,175	00
Oroville-Wyandotte	25,185	24
Paradise	2,853	94
Thermalito	2,501	54
Vista	59,308	69
West Stanislaus	40,000	00
Woodbridge	4,223	09
Total	1 465 788	61



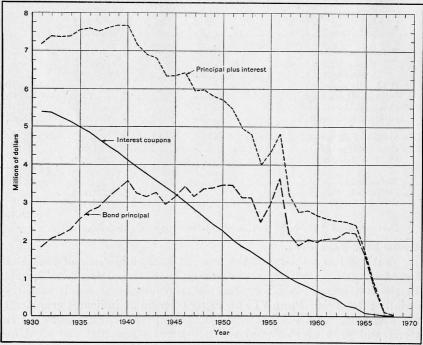


Diagram showing trend of maturities of outstanding bonds of California irrigation districts as of January 1, 1931

Additional Information.

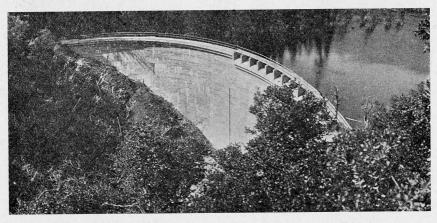
Additional information of value to those interested in irrigation and reclamation districts is available in Bulletins No. 36 and No. 37, published by the Department of Public Works, Division of Water Resources. Bulletin No. 36, "Cost of Irrigation Water in California," contains information on the cost of water under typical irrigation enterprises, including irrigation districts, mutual water companies, public utilities and individual farm plants. Bulletin No. 37 contains financial and general data pertaining to irrigation, reclamation and other public districts in California.

PLATE VII



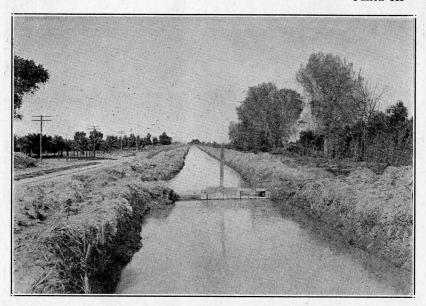
A section on crest of Lost Creek Dam, Oroville-Wyandotte Irrigation District

PLATE VIII

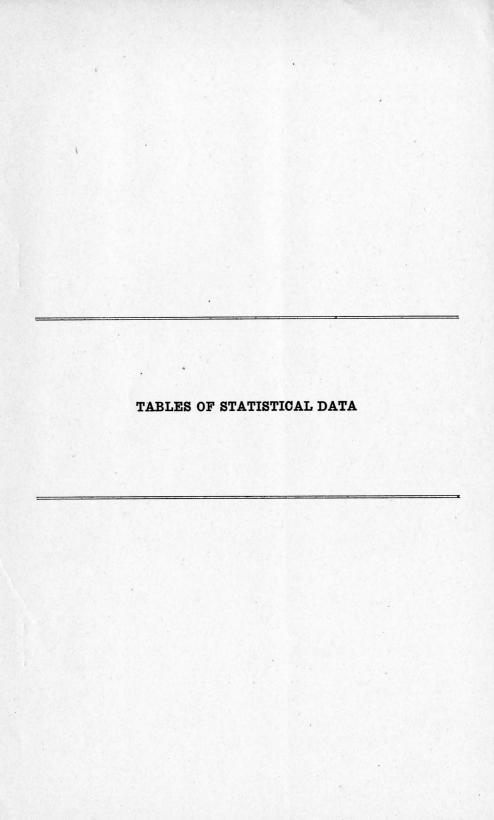


Concow Dam, Table Mountain and Thermalito Irrigation Districts

PLATE IX



Typical branch canal, Imperial Irrigation District



DATA RELATING TO SOURCE OF SUPPLY, STORAGE AND DISTRIBUTION OF WATER FOR CALIFORNIA IRRIGATION DISTRICTS

		Rese	ervoirs	Acre-feet diverted, 1930		1930		Distribution of water in acre-feet			
Name of district	Source of water supply	Capacity,	Stored for season,	By gravity	ravity By pumps	Total	Average pump lift, feet		Inside district		Outside
		acre-feet	acre-feet					Irrigation	Domestic	Total	district
AlpaughAlta	Wells Kings River			86,500	23,190	23,190 86,500	75	10,280 86,500	250	10,530 86,500	12,660
Anderson-Cottonwood Banta-CarbonaBarta_				124,071 30,347	45,109	124,071 45,109 30,347	34	124,071 25,787 30,347		124,071 25,787 30,347	4,020
Baxter CreekBeaumont	Eagle Lake			277	1,569	1,846	140	1,667		1,846	
Big Springs	Big Springs		3,000	22,585	8,400 2,500	8,400 22,585 2,500	66	8,400 22,585 2,500		8,400 22,585 2,500	
B. con-Bethany Camp Far West Carmichael	Old River (San Joaquin River) Bear River American River			5,000	16,561 3,528	16,561 5,000 3,528	44 ±100	8,347 5,000 3,528		8,347 5,000 3,528	
CarpenterCitrus Heights	Santiago Creek and wells North Fork Ditch Company			3,729		3,729		3,729		3,729	
Compton-DelevanConsolidatedCorcoran	Sacramento River Kings River Kings River, Peoples Ditch and wells			136,000 15,218	(¹) 14,881	136,000 30,099	±9	17,394 59,000 30,099		17,394 59,000 30,099	3,000
Cordua Deer Creek	Yuba River Deer Creek			24,250		24,250		24,250		24,250	
East Contra Costa El Camino El Dorado	Old River (San Joaquin) Wells South Fork American River and Webber Creek	2,000	1,200	12,000	28,861 8,171	28,861 8,171 12,000	15 65	21,407 8,171 8,000		21,407 8,171 12,000	
E1 NidoFairoaks	Merced Irrigation District and wells North Fork Ditch Company			5,511		5,511		4,521	990	5,511	
Fresno Glenn-Colusa Grenada	Kings River and wells Sacramento River Shasta River			340,225	10,128 322,550 5,863	350,353 322,550 5,863	±9 138	280,000 282,245 5,863		280,000 282,245 5,863	300 40,305
Hot Spring ValleyImperial	Pit River and Sage Reservoir Colorado River	77,000	7,000	6,500 3,280,708		6,500 3,280,708		6,000 1,679,433		6,000 1,679,433	484,919
Island No. 3 Jacinto James	Kings River Sacramento River Kings, San Joaquin rivers and 81 wells				20 057	28,057	±9 43	13,294		13,294	125
La Canada Laguna	Canyons and wells	10		105 26,586	28,057 272	377 26,586	1,125	27,210 26,586	377	27,210 377 26,586	847
Lakeland Lakeside La Mesa, Lemon Grove and Spring Valley	Kings and Tule rivers. San Diego River and wells. San Diego River, Bounder Creek and wells.	18,000	895	5,153	65 2,514	65 7,667	10 to 40 300	2,000		32 3,273	33 461
Little Rock Creek	Wachumne River and wells	2,600	2,000	3,350	13,210	16,560 3,900	287	15,774 3,000		15,961 3,000	
Maxwell Merced Modesto Montague	Sacramento River and Reclamation Drain No. 2047 Merced River (McClure Lake) and wells Tuolumne River (Don Pedro Dam) and wells Shasta River	286,000 119,466 70,000	119,466 12,000	411,890 315,265 12,000	31,605 90,000 39,671	31,605 501,890 354,936 12,000	20 40 30	31,605 376,418 354,936 12,000		31,605 376,418 354,936 12,000	
Naglee-Burk Nevada Newport Heights	Old River (San Joaquin) Yuba River Three wells	80,000	78,060	67,175	6,616	6,616 67,175 4603	10 84	6,616 11,153	529	6,616 11,682 603	3,442
Newport MesaOakdale	WellsStanislaus River	112,500	112,500	151,650	476 17	4476 151,667	120	93,500	476	476 93,500	1,360
Oroville-Wyandotte Palmdale Palo Verde	Feather River Little Rock Creek and wells Colorado River	6,300 10,000	6,300 2,250	24,300 3,325 152,400	400	$24,300 \\ 3,725 \\ 152,400$	220	3,600 1,454 152,400		3,600 1,819 152,400	3,500
ParadisePotter Valley	Little Butte Creek and storageEel River	3,012	3,012	4,335 2,866		4,335 2,866		4,335 2,866		4,335 2,866	
Princeton-Codora-Glenn Provident Ramona	Sacramento River Sacramento River Wells				34,996 86,955 61	² 34,996 ² 86,955 61	22½ 22½ 25 to 165	35,442 95,583		35,442 95,583 61	
RiverdaleSan Dieguito	Kings River_ Lake Hodges and Lake Henshaw			5,552 2,070		5,552 2,070	25 60 105	5,552 1,738		5,552 1,924	
Santa Fe.	Lake Hodges and Lake Henshaw	40,000	30,000	1,516	1,044 280	2,560 280	50 to 150	2,105	_ 280	2,247 280	
Scott ValleySouth MontebelloSouth San Joaquin	Scott River Wells Stanislaus River	87,000	87,000	21,780	1,102	21,780 1,102 218,704	175	15,246	1,102	15,246 1,102 176,000	



DATA RELATING TO SOURCE OF SUPPLY, STORAGE AND DISTRIBUTION OF WATER FOR CALIFORNIA IRRIGATION DISTRICTS

		Reservoirs		Acre-feet diverted, 1930				Distribution of water in acre-feet			
Name of district	Source of water supply	Capacity,	Stored for season,	D	D	Total	Average pump lift, feet		Inside district		Outside
		acre-feet	acre-feet	By gravity	By pumps	Total		Irrigation	Domestic	Total	district
Stinson Table Mountain	Kings River and wells Feather River	4,510	4,510	4,100	14,821	14,821 4,100	56	14,821 4,100		14,821 4,100	
Terra Bella Thermalito	Wells Feather River Old River (San Joaquin)				6,630	6,630 7,075	500	6,450 6,277	180 798	6,630 7,075	
Tranquillity	Old River (San Joaquin)		A STATE OF THE STA		1,507 10,000	1,507 10,000	38 33	1,507 10,000		1,507	
Tulare Turlock Vandalia	Tuolumne River and wells Tule River and wells	223,000	223,000	3,000 470,025	78,163 2,169	3,000 548,188 2,169	40 300	3,000 $321,168$ $2,169$		$3,000 \\ 321,168 \\ 2,169$	
Vista	Lake Henshaw			5,878	2,109	5,878		5,145		5,145	
Walnut Waterford	San Gabriel River Tuolumne River			463 25,507	1,163	1,626 $25,507$ $13,721$	58	1,163 22,000 13,721		1,163 $22,000$ $13,721$	
Westside West Stanislaus Woodbridge	San Joaquin River San Joaquin River Mokelumne River			67,246	26,617	26,617 67,246	100	24,499 51,400		24,499 51,400	2,118 15,846
		1,210,097	695,883	6,109,237	984,046	7,093,283		4,716,957	12,010	4,728,967	572,936
Buena Vista Water Storage	Kern River	209,000	8,500	52,431		52,431		52,431		52,431	

All water received from Glenn-Colusa district.
 Portion of water received from Glenn-Colusa district.
 Glenn-Colusa pumped all water for (1) and portion only for (2).
 Water diverted 1929 records.



TABLE II DATA RELATING TO THE AVERAGE COST PER ACRE IRRIGATED FROM WATER DIVERTED BY CALIFORNIA IRRIGATION DISTRICTS IN 1930

	Assessed valuation per acre for 1931			Average assessment in 1930 per acre of land of usual valuation				Water					
North of History	High Lo			Bonds outstanding per irrigable acre	General, including operation and maintenance	Construction or improvements	Bond funds		Diverted by district in 1930			Estimated cost per acre irrigated for average amount of water diverted	
Name of district		Low	Usual				Principal	Interest	Acre-feet total	Acre-feet per acre irrigated	Average toll per acre-foot diverted	Including all assessments	Excluding construction improvements and bond principal
AlpaughAlita Alita Anderson-Cottonwood Bantam-Carbona Bard	\$60 00 60 00 75 00 150 00 100 00	\$40 00 3 00 20 00 50 00 100 00	\$50 00 60 00 50 00 150 00 100 00	\$31 32 2 04 40 98 75 02	\$1 00 0 90 1 00 3 51 4 03	\$0 79 0 98	\$1 41 0 29 0 75	\$2 59 0 17 2 50 3 98	23,190 86,500 124,071 45,109 30,347	2.37 0.96 8.85 1.91 5.10	\$1 68 1 42 1 84	\$8 98 2 43 4 25 11 79 5 01	\$7 57 2 72 3 50 11 00 4 03
Beaumont Big Springs Browns Valley Butte Valley Byron-Bethany	100 00 200 00 40 00 200 00	100 00 1 00 5 00 50 00	100 00 200 00 40 00 130 00	80 35 24 75 33 94 47 51	2 50 1 32 		2 90 1 22 0 69	4 10 1 37 6 50 2 99	1,846 8,400 22,585 2,500 16,561	0.92 3.43 3.23 1.25 3.07	15 29 1 11 0 32 5 41	23 57 7 71 1 03 6 50 21 99	20 67 6 49 1 03 6 50 21 30
Camp Far West	150 00 80 00 1,000 00 100 00 75 00	5 00 80 00 1,000 00 100 00 10 00	93 75 80 00 1,000 00 100 00 75 00	67 34 31 80 151 52 59 69 33 39	0 06 3 25 1 25 4 25 0 68			2 26 2 09 3 75 3 39 2 40	5,000 3,528 3,729 17,394	2.04 1.80 1.41 7.12	4 56 0 04 1 03	2 32 15 21 11 06 10 41	2 32 13 55
Consolidated Corcoran Cordua Deer Creek East Contra Costa	110 00 100 00 75 00 100 00 190 00	1 00 80 00 30 00 5 00 70 00	70 69 100 00 70 00 100 00 180 00	1 61 14 71 47 59 12 03 62 55	0 49 0 78 0 70 1 94		0 88 0 20 1 76 0 63	0 15 0 88 3 51 0 84 2 02	136,000 30,099 24,250 28,861	1.05 0.86 12.70	0 95 0 04 2 97	1 52 3 46 4 02 3 30 10 74	0 64 2 48 4 02 1 54 10 11
El Camino	155 00 100 00 160 00 80 00	2 00 30 00 80 00 20 00	125 00 80 00 90 00 93 00 60 00	56 03 34 56 34 12	2 64	2 11	2 11	3 61 0 60 1 77	8,171 12,000 5,511	1.93 2.00 2.12	4 66 3 12	6 25 9 92 14 92	6 25 9 92 10 70
Fresno	100 00 44 00 200 00 150 00 80 00	5 00 25 00 5 00 100 00 25 00	$\begin{array}{c} 100\ 00 \\ 40\ 00 \\ 200\ 00 \\ 125\ 00 \\ 50\ 00 \\ \end{array}$	1 07 13 03 68 38 28 45	0 90 0 58 12 54 2 44	0 25	1 45 1 04 0 73	0 15 0 89 2 09 2 20	350,353 282,663 5,863 3,280,708	1.94 4.72 3.70 6.36	0 40	2 50 4 40 14 63 5 81	1 05 3 36 14 63 4 83
Jacinto	150 00 1,500 00 400 00 100 00	25 00 1,000 00 200 00 50 00	60 00 150 00 1,000 00 400 00 100 00	14 61 54 47 264 73	0 93 0 77 3 00 3 30 0 60		2 25	0 98 2 20 14 50 	13,419 28,057 377 	3.31 2.25 0.47	0 25 2 38 60 89	3 67 10 57 46 12	2 73 8 32 46 12
Lakeside La Mesa-Lemon Grove-Spring Valley Lindsay-Strathmore Little Rock Creek.	100 00 350 00 175 00 100 00	100 00 150 00 175 00 100 00	100 00 250 00 175 00 100 00	121 53 151 73 107 36 125 13	2 44 3 72 2 81 7 97 0 20	7 05	3 65 0 16	1 81 2 78 8 86 1 62	65 7,667 16,560 3,000	1.30 1.95 1.77 1.50	50 72 20 36 10 07	70 19 46 20 40 19 9 75	70 19 46 20 29 49 9 59
Madera	200 00 150 00 75 00	5 00 40 00 1 00	50 00 125 00 80 00 37 50	94 64 53 13 75 28	0 45 1 60 2 08		0 84	6 99 3 20 3 24	31,605 501,890 354,936 12,000	4.01 5.29 1.71		7 44 5 64 5 32	7 44 4 80 5 32
Naglee-Burk. Nevada Newport Heights. Newport Mesa. Oakdale.	100 00 90 00 1,120 00	60 00 6 00 650 00	100 00 30 00 960 00 600 00 60 00	65 35 48 99 106 45 125 00 51 72	5 21 0 01 7 20 7 80 1 26	0 36		4 79 0 23 6 72 4 20 1 54	6,616 67,173 603 476 151,667	2.31 1.34 0.96 1.19 7.25	2 63 12 87 1 34	10 00 3 76 26 28 13 59 4 06	10 00 3 76 26 28 13 59 2 80
Oroville-Wyandotte	100 00 100 00 90 00 60 00	25 00 2 00 3 00	100 00 100 00 75 00 55 00 60 00	49 10 94 72 60 43 48 90 23 12	1 26 3 95 1 25 1 20	1 76	2 02 0 24	2 50 6 62 7 21 3 06 1 47	24,300 3,725 152,400 4,335 2,866	5.67 3.74 5.99 1.35 1.51	1 12	6 35 9 64 13 18 4 55 5 95	6 35 7 88 11 16 4 31 5 95
Princeton-Codora-Glenn Provident Ramona Riverdale San Dieguito	70 00 80 00 200 00 75 00 1,000 00	65 00 60 00 50 00 60 00 150 00	67 50 70 00 90 00 70 00 600 00	14 24 47 81 153 20 3 38 105 14	2 09 1 45 0 18 8 43	0 60	1 54 0 53 1 92	0 88 3 17 4 55 0 20 6 78	35,442 95,583 61 5,552 2,070	8.22 14.77 1.00 0.79 1.04	0 43 0 48 78 15	6 50 13 24 82 70 1 51 33 98	6 50 11 70 82 70 0 38 31 19

		The state of the s	
5 (5)00 11:00			

DATA RELATING TO THE AVERAGE COST PER ACRE IRRIGATED FROM WATER DIVERTED BY CALIFORNIA IRRIGATION DISTRICTS IN 1930

		ssed valuation acre for 1931	per		Ave	rage assessment land of usua		ere of				Water		
N				Bonds outstanding per	General.		Bond	funds	Diverted in 1		rict		irrigated	cost per acre for average water diverted
Name of district	High	Low	Usual	irrigable acre	including operation	Construction or improvements	Principal	Interest	Acre-feet total	Acre per irrig	acre	Average toll per acre-foot diverted	Including all assessments	Excluding construction improvements and bond principal
Santa FeSan YsidroScott Valley	\$450 00 300 00	\$60 00 20 00	\$200 00 250 00 50 00	\$100 29 54 11 17 25	\$8 37 3 80 1 00	\$0.50	\$1 68	\$5 15 1 20 0 82	2,560 280 21,780		0.85 2.55 5.44	\$13 97 38 29	\$25 39 102 64 4 00	\$25 39 102 64 1 82
SerranoSouth Montebello	1,000 00 850 00	10 00 850 00	881 59 850 00	151 63 105 80	1 32 0 77		4 09	3 08 12 14	1,102		1.33	9 37	29 46	25 37
South San Joaquin	135 00 50 00 250 00 130 00 150 00	20 00 50 00 100 00 70 00 120 00	100 00 50 00 200 00 100 00 150 00	89 37 32 73 105 06 72 54 108 84	1 90 2 55 0 29 3 59 4 07	0 37	0 85 0 40 2 32	3 98 2 15 7 64 4 48 7 11	218,704 14,821 4,100 6,630 7,075		4.02 2.44 9.15 1.89	1 75 0 67 12 80	7 10 9 37 14 06 34 58	5 88 8 97 14 06 32 26
Tracy-Clover Tranquiity Tulare Turlock Vandalia	100 00 150 00 75 00 125 00 200 00	100 00 100 00 25 00 20 00 200 00	100 00 150 00 50 00 70 00 200 00	49 49 24 53 38 65 149 62	5 53 1 37 0 25 0 18 2 66			3 47 1 58 2 01 10 52	1,507 10,000 3,000 548,188 2,169		3.54 1.79 1.82 0.11 4.02 1.90	0 26 0 16 8 72	11 18 9 00 3 42 0 27 2 89 35 55	11 18 9 00 3 42 0 27 2 19 29 75
VistaWalnut Waterford. Westside West Stanislaus	200 00 1,000 00 200 00 100 00 120 00	135 00 1,000 00 5 00	155 00 1,000 00 76 00 100 00 100 00	116 36 55 76 44 75 53 08	3 87 10 00 1 67 1 75 0 77			8 02 3 13 2 72 2 12	5,878 1,626 25,507 13,721 26,617		1.06 1.78 4.87 1.16 1.96	28 71 2 23 2 81 3 00	42 32 13 97 6 29 9 01 8 88	42 32 13 97 4 80 7 73 8 77
Woodbridge	150 00	20 00	100 00	23 22			0 35	1 65	67,246		8.03	0 29	4 33	3 98
Total								V	7,086,783					
Buena Vista Water Storage	\$28 90	\$3 67	\$28 50	\$18 70	\$1 28			\$2 00	52,431		4.51		\$3 28	\$3 28
Total diverted									7,139,214					

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TABLE III

CALIFORNIA IRRIGATION DISTRICT CROP SUMMARY FOR 1930

			Area	Estimat	ed number of	holdings				K	ind and acreag	ge of crops rep	orted					Area cropped	
Name of district	Gross area, acres	Irrigable area, acres	held by districts under tax deed, acres	Farm land	Town lots	Total	Alfalfa	Grain and grain hay	Field and truck	Cotton	Rice	Vines	Deciduous fruits, nuts and olives	Citrus	Avacados	Not segregated	Dry farmed acres	Irrigated acres	Total acres
Alpaugh Alta Anderson Cottonwood Banta-Carbona Bard	8,133 129,300 32,000 15,624 7,000	8,132 112,600 28,064 15,156 6,000	875 None 1,500 1,279 None	300 2,700 360 225 170	2,150 390	300 4,850 750 225 170	430 8,312 8,056 3,611 1,600	1,020 3,000 693 200	230 769 3,114 9,071 30	2,480 1.322 4,000		44,700 855 61	8,030 1,640 90 60	832		180 23,000 350 40	35,335 2,115 1,630	4,340 89,965 14,015 13,526 5,950	4,340 125,300 16,130 15,156 5,950
Beaumont_ Big Springs	28,686	3,161 2,546 11,740 17,500 12,544	None 40 None 7,982 None	413 43 250 148 190	477 17 50 20	890 43 267 198 210	2,400 645 200 9,000	50 90 1,800	1,830 400			470	2,000 1,415 200	82		2,470	161 1,298 2,040 3,000	2,000 2,450 7,002 2,000 9,700	2,000 2,611 8,300 4,040 12,700
Camp Far West	4,089 3,138 1,328 3,158 12,652	2,658 3,038 1,320 3,066 11,500	None 10 None 36 720	10 315 115 284 10	170	10 315 285 284 10	100	300 26			2,442	1,962	2,046	1,100 130			10 2,000	2,446 1,962 1,126 2,652 2,442	2,446 1,962 1,136 2,652 4,442
Consolidated	1,907	145,757 51,000 5,421 1,663 19,760	None None 862 None None	4,600 281 44 13 403	115	4,600 281 44 13 518	2,911 200 2,816	4,852	200 9,807	9,220	1,550	1,207	1,300			129,000 360 200		129,000 16,983 1,910 1,900 13,929	$129,000 \\ 35,000 \\ 1,910 \\ 2,000 \\ 13,929$
El Camino El Dorado El Nido Fairoaks Fallbrook	9,330	7,549 19,905 7,405 3,400 10,200	None None None 3 None	284 480 112 270 293	550 150 78	284 1,030 112 420 371	2,480	419	1,487	330		103 51	1,190 6,000 65 1,850	750 655	189		700 1,000 600 1,163	4,234 6,000 3,496 2,600 851	4,934 7,000 4,096 2,600 2,014
Foothill Fresno Glenn-Colusa Grenada Hemet	243,100 122,032 4,948	43,500 239,080 119,021 3,510 9,557	None None 15,188 2,510	1,000 8,970 950 31	200	1,200 8,970 950 57	200 19,517 10,700 1,585	24,535	150 29,836 1,893	100 1,951	18,613		3,500 26,115 997	6,000 1,024	20	100 8,090 3,005 9,000	60,539 40,156	18,070 180,763 59,831 1,585 9,000	33,120 $241,302$ $99,987$ $1,585$ $9,000$
Hot Spring Valley¹ Imperial	612,200 4,620 11,554	9,000 522,200 4,120 11,496 18,266	1,800 None 80 22,024	35 4,663 150 185 14	6,002	35 10,665 150 185 14	4,379 207,977 	5,118 98,761 5,100	91,433	10,317 	169		740 630 37	11,297	10	15,593 3,000 831 330	6,000	9,497 439,260 3,000 4,052 12,457	$\begin{array}{c} 9,497 \\ 439,260 \\ 3,000 \\ 10,052 \\ 12,457 \end{array}$
La Canada Ladera Laguna Lakeland Lakeside	1,632 34,858	1,239 1,481 30,000 23,283 288	None None None 1,676 None	70 800 23 5	288	500 358 800 23 70		3,000					100	50		25,000	430	800 150 25,000 3,000 200	800 580 25,000 3,000 200
La Mesa, Lemon Grove and Spring Valley Linden Lindsay-Strathmore Little Rock Creek Madera	13,700 15,246 3,073	13,550 13,000 14,540 2,877 222,000	375 None 2,782 None None	600 250 415 103 2,000	3,400	4,000 274 415 103 4,000	300		727 500 155	25 27,691	70	250 445 25,326	6,400 865 2,000 8,437	1,358 7,885	540	624	6,219 500	3,249 7,450 9,375 2,000 79,268	3,249 13,669 9,875 2,000 179,472
Maxwell Merced Modesto Mojave River¹ Montague	8,820 190,025 81,203 27,665	6,000 171,709 78,778 20,000 18,531	None 930 None None 960	2,540	2,145	4,685 5,500 200 315	19,004 16,645 250 1,500	37,373 13,800 5,500	20,067 9,809	7,956	2,848 3,870 736	14,326 10,207 5	19,793 11,615 400			2,870 1,957 4,292 10	7,898	5,718 124,346 67,104 665 7,000	5,718 124,346 75,002 685 9,500
Naglee-Burk Nevada Newport Heights Newport Mesa Oakdale	2,871 266,000 1,503 694	2,846 164,000 1,503 400 66,800	165 None None 1,136	53 1,800 	1,000	53 1,800 570 200 2,800	1,182 774 20 3,966	625 1,977 	584 450 400 2,675	1,384	1,961	2,646	996 80 4,378	40		1,050 4,335 40 3,007	50	2,867 8,670 630 400 20,913	2,867 8,670 680 400 39,772
Oroville-Wyandotte Palmdale Palo Verde Paradise Potter Valley	4,756 88,693 11,260	22,300 4,698 70,000 9,836 4,195	None None None 265 None	318 171 555 103	137 103 121	455 274 1,150 676 103	68 6,944 800	120 1,040	1,094 100 300	16,302		100	3,000	946	10	182 208 45		2,173 996 25,425 3,200 1,900	2,173 996 25,425 3,200 3,500
Princeton-Codora-Glenn Provident	13,656 22,805 660 15,830	12,290 21,000 594 14,800 3,700	None 4,887 None 20 None	150 23 250	230	150 23 230 250 1,300	714 50 5,000	2,000	61							30		4,313 6,472 61 7,000 2,000	5,313 6,472 61 7,000 2,000

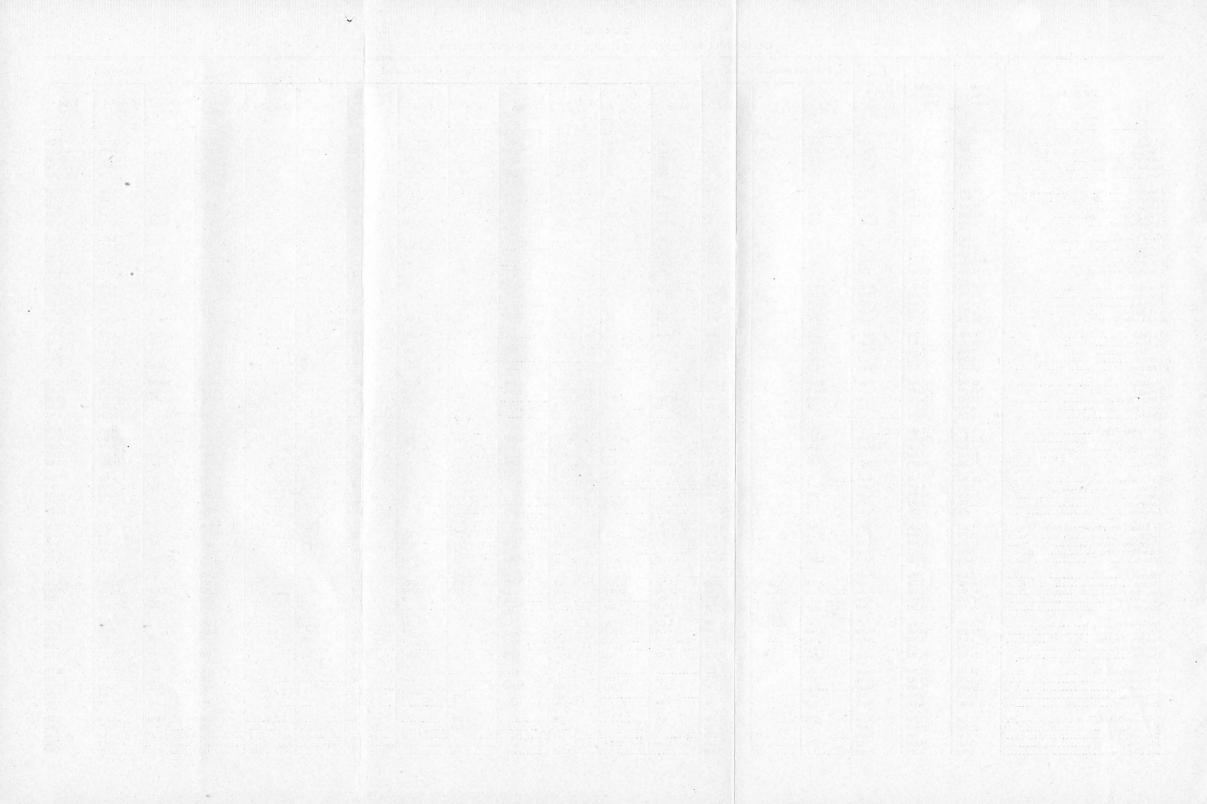


TABLE III—Continued CALIFORNIA IRRIGATION DISTRICT CROP SUMMARY FOR 1930

					O'II		Hadoaria	DIV DISTR	ICI CROP	SUMMAR	FOR 1930								
			Area	Estimat	ed number of l	holdings				Ki	nd and acreage	e of crops repo	rted					Area cropped	
Name of district	Gross area, acres	Irrigable area, acres	held by districts under tax deed, acres	Farm land	Town lots	Total	Alfalfa	Grain and grain hay	Field and truck	Cotton	Rice	- Vines	Deciduous fruits, nuts and olives	Citrus	Avacados	Not segregated	Dry farmed acres	Irrigated acres	Total acres
Santa FeSan Ysidro	$10,106 \\ 502$	6,980 462	None 14	316	140 225	456 225	100		250				160	1,640	750	100 110		3,000 110	3,000 110
Scott ValleySerranoSouth Montebello	5,125 1,499 827	4,000 1,319 827	None None None	90		28 170 300	2,000	2,000	30					1,172 377	46		1,000	4,000 1,308 827	5,000 1,308 827
South San Joaquin Stinson Table Mountain	71,112 11,150 1,955	66,465 11,000 1,780	40 536	1,995 22 12	1,000	2,995 25 12	17,930 730 45	12,673 2,036	6,628 215	383 3,084	400		4,163			1,670	11,976	54,338 6,065 448	66,314 6,065 448
Terra BellaThermalito	12,285 3,110	12,070 2,940	946 None	700 225	200 175	900 400	10	20			CONTRACTOR OF STREET	335 145	1,317 600	1,811 640	2	47 533	None	3,510 2,000	3,510 2,000
Tracy-Clover Tranquillity Tulare	1,084 10,750 34,000	1,034 10,190 30,600	None 2,750	140 156 570	90 25	140 246 595	600 1,400 8,000	243 2,000 10,000	6,000	100		3,000				2,000		843 5,500 27,000	843 5,500 27,000
Turlock Vandalia	181,556 1,276	179,278 1,253	None None	49		7,500	41,648	28,597	36,869	205		13,234	9,683	1,144		6,277	20,000	136,513 1,144	156,513 1,144
Vista Walnut Waterford	18,162 911 14,110	14,610 911 11,424	None None None	65 284	74	1,036 65 358	9 20 1,053	274	1 50	365		35 735	50 1,580	1,228 791	V	THE RESERVE OF THE PARTY OF THE	155	5,537 911 5,238	5,692 911 5,238
West Side West Stanislaus	11,828 22,137	11,811 22,000	None	86	14	498 100	6,317 2,442	2,791 707	1,827 7,358	290		411	240			476	1,673	11,822 11,037	13,495 17,680
Williams Woodbridge	9,009 14,164	8,000 13,566	Included None	with Glenn- 145	Colusa.	145	1,176	94	2,423			2,210				494	7,185	6,397	13,582
Totals	3,470,236	2,919,593	72,431			86,219	450,426	273,779	254,686	90,705	41,051	239,500	139,485	41,025	4,554	254,676	378,826	1,789,887	2,168,713
Buena Vista Water Storage	78,596	50,400	None	70	29	99	780	4,450	2,235	4,150								11,615	11,615

¹ No information furnished for 1930. Data given is from 1929 information.

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SUMMARY OF TOTAL ASSESSMENTS LEVIED, TAX CERTIFICATES SOLD AND UNREDEEMED, PERCENTAGES OF ASSESSMENTS DELINQUENT, REVENUES RECEIVED FROM WATER TOLLS AND FROM SOURCES OTHER THAN ASSESSMENTS AND WATER TOLLS IN CALIFORNIA IRRIGATION DISTRICTS

-						-	TOLI	DO IN CAL	TORNIA .	IRRIGATIO	DISTRI										
		Unredeemed to nuary 1, 1931, years 1927-28	for assessmen	t		unpaid Januar	essment remain ry 1, 1931, for 1927-28 to 1929			Assessment	, 1929-1930				Asses	sment, 1930-	1931				Collected
Name of district															Rate	per \$100 valu	ation			Water tolls collected,	from sources other than assessments
	1928	1929	1930	Total	1927-28	1928-29	1929-30	Total	Total assessed valuation	Rate per \$100 of valuation	Total assessment levied	Tax certificates sold	Total assessed valuation	Bond	for	General	All other	Total rate	Total assessment levied	1930	and water tolls, 1930
														Retirement	Interest	fund	funds				
Alpaugh Alta Anderson-Cottonwood Banta-Carbona Bard	\$8,515 15,868 3,138 933	\$14,115 8,327 8,578 1,013	\$14,011 14,513 26,662 4,175 280	\$36,641 38,708 38,378 6,121 280	19.6 9.4 2.4 0.8	27.1 5.4 6.5 0.9	29.9 10.7 20.4 3.0 17.0	25.7 8.4 9.8 1.6	\$426,116 5,202,528 1,397,492 2,137,558 600,991	\$10 00 2 38 8 50 6 00 25	\$42,612 123,612 118,787 128,253 1,502	\$15,429 14,513 29,813 5,611 348	\$381,126 5,185,000 1,374,028 2,244,162 602,199	1\$2 83 148 1 50	1\$5 17 127 5 00 1 80	\$2 00 1 43 2 00 2 85	\$1 05	\$10 00 2 18 8 50 5 70	\$38,113 112,929 116,791 127,917	\$65,525 None None 82,849 None	\$2,019 6,893 None 688 None
Beaumont Big Springs Brown's Valley		5,933 144	7,029 282	17,488 426	11.3	12.3 4.1	16.8 2.1	13.4 2.5	399,960 494,105	9 50 2 50	37,996 12,353	8,370 282	401,710 493,549	3 42 149	4 08	2 00 49		9 50 1 41	38,162 6,959	28,234 9,333 7,187	None None
Butte Valley Byron-Bethany	15,036	20,953 1,305	26,054 5,433	62,043 7,117	27.3 0.5	48.1 1.7	57.1 6.8	42.9 3.0	384,310 638,451 1,697,837	6 50 4 25	41,499 72,158	26,460 7,540	384,310 558,038 1,696,890	60	· ²⁶ 39 2 40	² 11 1 16		6 50 4 16	36,273 70,591	None 29,218	102 None 412
Camp Far West	350	1,567	4,347	6,264	1.6	7.1	18.0	9.2	349,625 250,512	3 16 8 75	10,945 21,920	None 5,028	349,625 250,402	22 08	3 06 22 61	54 4 06		3 60 8 75	12,600 21,910	None 8,954	None None
CarpenterCitrus HeightsCompton-Delevan	1,115 337	1,606 3,609	2,266 4,712	4,987 8,658	3.3 0.8	4.6 8.4	6.2 12.3	4.8 7.0	315,257 846,090	10 50 4 11	33,102 34,754	2,423 4,712	1,215,540 312,085 846,090	3 00	75 3 00 3 21	4 50 90		1 00 10 50 4 11	12,155 32,769 34,753	None 139 17,846	None 1,014 1,050
Consolidated	2,584 2,514 718	5,777 6,418 694	10,093 9,288 6,787	18,454 18,220 8,199	1.0 3.3 3.1	2.0 5.5 3.1	4.0 7.9 31.1	2.4 5.8 12.1	10,515,552 5,140,000 390,854 177,713	2 20 2 08 5 08 3 30	231,342 106,963 19,855 5,865	14,348 10,008 6,787 None	10,534,582 5,140,800 342,234 151,056	1 23 20 1 66	19 88 5 04 74	68 1 14	78	2 10 3 00 5 04 3 30	221,226 154,224 17,249 4,985	3,434 28,525 887 None	28,167 11,582 7,171 None
East Contra Costa El Camino	291	689	2,580 8,057	3,269 8,367	0.5	0.5	16.2	5.2	3,603,979 943,384	3 73 4 80	134,428 45,282	4,628 8,841	3,602,913 943,294	169	¹ 1 96 2 89	1 08		3 73 5 20	134,401 49,051	85,793	3,133
El Dorado El Nido Fairoaks Fallbrook	746 45	700 1,148 441	1,570 2,408 650	1,510 1,570 4,302 1,136	2.1 4.2 0.8	3.9 6.5 2.6	3.1 14.7 13.5 5.3	3.0 14.7 8.1 3.3	2,036,291 571,510 340,981 920,866	65 1 70 4 75 1 20	13,236 9,714 16,197 11,050	502 1,617 2,845 650	2,033,317 341,670 949,313	2 34	1 97	2 57 1 00	2 34	85 9 22 1 00	31,502 9,498	55,283 None 17,403	2,525 None 1,718
Foothill. Fresno. Glenn-Colusa. Grenada. Hemet.	95,201 40,763	16,017 15,608 77,086 37,034 785	32,438 91,746 40,556	16,017 57,915 264,033 118,353 785	1.9 24.8 82.7	21.9 3.1 21.0 57.5 7.7	6.4 25.5 65.7	21.9 3.8 23.7 67.5 7.7	2,715,408 18,429,985 5,041,529 835,010	1 00 2 50 6 50 1 68	27,154 460,750 327,699 56,113	None 46,123 126,152 40,556	1,847,381 5,024,795 522,675	15 2 73	1 45 2 55 31 68	90 1 22		2 50 6 50 1 68	461,845 328,228 8,881	None 615 130,843 15,247 None	None 8,374 2,851 1,455 None
Hot Spring Valley	177,888 25 469 181,439	220,349 9,770 175,179	319,828 33 1,913 140,698	718,065 58 12,152 497,316	6.7 4.8 1.3 97.8	8.3 26.9 93.8	11.8 5.8 5.3 98.9	8.9 5.3 11.5 96.6	191,205 49,454,608 208,000 686,520 3,468,305	10 00 5 00 25 4 75 3 73	19,120 2,472,730 520 32,610 129,377	379,343 123 2,433 140,698	50,587,177 228,323 689,731 3,619,695	70 1 59 11 40	1 92 1 61 1 35	2 16 25 1 55 48	22	5 00 25 4 75 3 23	2,529,359 571 32,762 116,916	485,427 None 3,293 66,682	134,649 None 1,160 4,508
La Canada Ladera Laguns Lakeland Lakeside	53 558 1,543 2,156 446	101 108 1,958 4,087 1,852	712 2,713 7,017 4,247 1,870	866 3,379 10,518 10,490 4,168	0.3 6.6 2.4 3.3 8.0	0.4 5.1 3.1 6.2 33.6	2.9 25.0 11.9 7.0 30.0	1.2 15.8 5.6 5.5 24.1	1,296,780 787,934 3,055,631 2,328,266 133,250	1 75 1 25 1 75 2 36 4 25	22,694 9,849 53,474 54,906* 5,663	981 2,845 7,017 13,823 1,984	1,297,435 942,011 3,067,366 133,250	86	² 1 45 21 1 81	² 30 40 58		1 75 40 1 65 4 25	22,705 3,762 50,612 5,663	22,954 None None None 3,297	1,738 None None 1,413 959
La Mesa, Lemon Grove and Spring Valley_ Linden	9,410	8,260	40,040	57,710	5.6	4.7	22.1	11.0	6,327,566	2 60	164,517	48,529	6,442,588 1,363,469		2 36	24 70		2 60	167,507 9,544	156,064 None	13,215 None
Lindsay-Strathmore Little Rock Creek Madera	28,957 10,433 2,184	39,959 12,713	48,056 8,753 3,479	116,972 31,899 5,663	8.1 32.4 3.2	12.2 39.5	14.3 27.0 7.7	11.5 33.0 5.0	2,132,055 307,300 10,242,145	14 28 9 50 40	304,457 29,419 40,969	59,275 18,259 4,001	2,063,488 310,004 9,234,175	2 82 77	5 34 7 97	3 01 76 40	2 40	13 57 9 50	280,015 29,450 36,937	166,746 None None	8,801 None 1,848
Merced	36,722 1,986 746 1,319	66,013 2,654 7,038 1,596 7,186	99,826 6,190 61,908 3,339 9,775	202,561 10,830 69,692 6,254 16,961	2.7 0.4 3.4 4.7	4.8 0.6 15.0 6.1	7.5 1.4 52.9 11.3	5.0 0.8 37.5 7.5	20,279,175 7,441,660 1,181,650 268,124 12,329,641	6 00 5 30 9 00 10 00 60	1,216,751 394,408 106,349 26,812 73,978	129,311 16,398 81,265 3,452 9,775	20,246,775 7,440,020 1,104,031 268,124 7,461,320	¹ 96	5 60 11 84 8 92 4 16 92	30 2 00 58 5 84		5 90 4 80 9 50 10 00 1 00	1,194,560 357,121 104,845 26,812 73,559	3,046 None None None 89,354	349,824 639,765 None None 349,666
Newport Heights Newport Mesa. Oakdale Oroville-Wyandotte. palmdale.	159 239 19,411 364	277 358 24,985 192 31,130	2,634 630 37,643 8,666 42,069	3,070 1,227 82,039 9,222 100,573	0.9 2.6 6.2 0.7 56.1	1.4 3.9 8.1 0.4 77.4	11.5 6.8 12.4 17.4 83.7	5.0 4.4 8.9 6.2 72.2	1,435,220 422,362 4,302,470 2,259,893 473,854	1 45 2 00 6 40 2 00 9 64	20,811 8,447 275,358 45,198 45,680	1,061 630 39,691 9,169 42,625	1,442,580 442,362 4,280,770 2,293,515 460,314	2 51	277 70 2 28 3 00 6 82	² 68 1 30 1 51	1 20	1 45 2 00 7 50 3 00 7 00	20,917 8,447 321,058 68,805 32,222	7,759 639 783 43,830 3,242	None 129 85,197 None None

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SUMMARY OF TOTAL ASSESSMENTS LEVIED, TAX CERTIFICATES SOLD AND UNREDEEMED, PERCENTAGES OF ASSESSMENTS DELINQUENT REVENUES RECEIVED FROM WATER TOLLS AND FROM SOURCES OTHER THAN ASSESSMENTS AND WATER TOLLS IN CALIFORNIA IRRIGATION DISTRICTS

	J	anuary 1, 1931	tax certificates 1, for assessment 28 to 1929-30	nt		unpaid Januar	ssment remain y 1, 1931, for 927-28 to 1929			Assessmen	, 1929-1930				Ass	essment, 1930-	1931				Collected
Name of district															Rate	per \$100 valua	ition			Water tolls collected,	from source other than assessments
	1928	1929	1930	Total	1927-28	1928-29	1929-30	Total	Total assessed valuation	Rate per \$100 of valuation	Total assessment levied	Tax certificates sold	Total assessed valuation	Bon	d for	General	All	Total rate	Total assessment levied	1930	and water tolls, 1930
														Retirement	Interest	fund	funds				
Palo Verde Paradise	7,443	\$252,282 10,002 None	\$442,234 13,814 None	\$865,078 31,259 None	25.3 14.6	30.2 19.5	54.9 26.9	37.4 20.4	\$4,908,960 621,332	\$16 95 7 50	\$731,656 46,600	\$442,234 14,680	\$3,898,650 614,289	1\$2 05 136	187 35 15 14	\$2 00		\$9 40 7 50	\$366,473 46,072	\$107,011 None	
Potter Valley	2.006	2,930 49,830	4,110 54,932	9,045 143,770	None 4.6 25.8	None 6.5 33.0	None 8.8 36.3	None 6.7 31.7	256,116 939,000 1,616,520	4 45 4 50 8 50	11,397 42,225 137,404	None 9,046 54,932	261,280 939,270 1,611,500		2 45 1 30 4 30	2 00 3 00 2 00		4 45 4 30 8 50	11,627 38,918 136,978	6,213 15,342 45,588	
Ramona Riverdale San Dieguito Santa Fe San Ysidro	174 427	84 367 4,191 568 176	425 247 5,211 5,450 179	588 788 9,829 6,018 492	1.1 0.5 0.1	1.5 1.0 5.8 0.5 3.2	6.5 0.7 7.6 4.8 3.1	3.1 0.7 5.0 2.7 3.2	74,073 1,126,659 2,072,368 1,578,000 105,040	8 00 3 00 3 00 6 59 5 00	5,926 33,800 62,171 103,990 5,252	425 3,622 6,686 5,517 224	81,410 1,168,750 2,037,737 1,689,430 105,300	0 75 64	6 00 39 1 36 2 49 21 19	25 1 71 4 44 23 81	\$0 86 29	6 00 2 25 4 00 6 93 5 00	4,885 26,297 81,173 117,077 5,265	4,767 None 31,820 35,756 10,721	9,47
Scott ValleySerrano									256,235	8 00	20,499	None	256,570 1,321,140		1 73 70	2 24 30		8 00 1 00	20,526 13,211	None None	
South Montebello South San Joaquin Stinson	121 8,949	48 9,283 27,871	189 20,803 46,675	358 39,035 92,772	0.8 1.9 34.9	0.3 1.9 53.4	1.2 3.9 89.5	0.8 2.6 59.3	703,248 6,780,615 558,341	2 00 7 10 8 50	14,065 481,424 47,387	283 25,422 46,675	703,248 6,754,890 558,341	1 12	88 4 33 14 63	1 90 5 70	37	2 00 7 10 11 90	14,065 479,592 66,443	10,331 None 25,952	
Table Mountain Terra Bella Thermalito Tracy-Clover Tranquillity	4,711 882	140 27,742 5,297 1,153 4,296	3,000 41,801 3,413 2,460 10,795	3,140 87,545 13,421 4,495 19,676	15.4 13.3 9.1 15.0	0.1 21.4 15.1 11.9 17.7	22.7 30.5 9.3 24.0 28.8	12.0 22.8 12.6 15.2 21.3	240,670 1,247,148 446,101 103,380 1,248,724	5 00 10 00 7 45 9 00 3 00	12,034 124,715 33,235 9,304 37,462	2,962 47,597 7,310 2,907 12,054	240,680 1,246,183 448,417 103,380 1,218,114	2 84	4 70 4 98 24 12 3 47 2 00	10 3 68 23 33 5 53		4 80 11 50 7 45 9 00 2 00	11,553 143,311 34,680 9,304 14,362	2,731 84,861 None None 2,589	3,20 62 Non 23 Non
Tulare Turlock Vandalia Vista Walnut	4,695 1,334 12,038	326 8,394 1,334 33,879	630 18,834 1,406 54,233 168	1,385 31,923 4,074 100,150 168	3.3 0.7 5.2 6.2	2.5 1.3 5.2 17.3	13.5 3.0 5.2 27.5 17.4	3.8 1.6 5.2 17.1 17.4	1,869,721 13,556,045 255,067 2,295,644 911,454	50 4 25 9 49 7 80 1 00	9,349 576,132 24,307 179,059 9,115	1,259 22,810 1,406 61,589 168	1,762,895 13,527,175 255,067 2,311,189 911,000	1 00 2 90	2 87 5 26 5 26	50 13 1 33 2 54 1 00		50 4 00 5 49 7 80 1 00	8,800 541,087 24,206 180,273 9,110	490 None 18,909 168,760 3,626	50 611,61 18 17,40 Non
Waterford West Side West Stanislaus	410	647 447	15,680 1,331	16,386 2,188	0.1 0.7	1.0 0.8	2.2 1.7	0.8 1.1	1,079,270 1,232,525 1,106,658	5 90 5 75 4 00	63,676 70,870 44,266	16,702 1,964 325	1,079,313 1,238,971 2,206,308	11 64 1 29 21	13 16 2 71 3 25	2 10 1 75 54		6 90 5 75 4 00	74,471 71,241 88,252	None 38,495 78,760	Non 1,887 848
Woodbridge		114	434	548		0.5	1.7	1.1	1,183,680	2 00	23,674	325 467	1,212,609	1 30	70			2 00	24,252	22,879	2,75
Totals	\$1,001,452	\$1,286,592	\$1,913,874	\$4,201,918					\$246,741,302	\$4 32	\$10,660,232	\$2,184,281	\$222,890,413					\$4 60	\$10,257,945	\$2,356,032	\$2,331,75
Buena Vista Water Storage													\$945,000		\$7 00	\$4 50		\$11 50	\$108,675	None	Non
	\$1,001,452	\$1,286,592	\$1,913,874	\$4,201,918					\$246,741,302	\$4 32	\$10,660,232	\$2 184 281	\$223,835,413					\$4 63	\$10,366,620	\$2,356,032	\$2,331,75

Rate computed from total assessment levied for bond and interest funds.
 Rate computed from total assessment levied for all funds.
 Assessment levied insufficient for interest fund with no assessment for bond retirements due.

Toursetten by VI Stand

SUMMARY DE TOTAL ASSESSAT TAN ITVELK TAN CERTIFICATES SOLD AND EMBRICACION PURCESTAGA OF ANALYS HERTS DILLEMANNE REPENDE DELITED PRODUCTION WATER TOLLS AND EROAS SOURCES OTHER THAN MISSISSESTAGE DAY OF THE FOLLS BY CALLFORNIA HERTSAFFON DISTRICAS

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TABLE V

SUMMARY OF STATISTICAL DATA RELATING TO BONDS AND OUTSTANDING WARRANTS OF CALIFORNIA IRRIGATION DISTRICTS, 1 JANUARY 1, 1931

									ista.	ous of bond issu	es January 1,	1901				- X	Interest
Name of district	Number of bond	Date of bonds	Range of	Coupon rate,	Face v	alue of all issue	s voted		Disposition	of bonds voted		Dispo	osition of bond	ls sold	Bond pay and no	ments due ot paid	bearing warrant outstandi
1	issues		maturities	per cent	Original	Refunding	Total	Origin Canceled	al issues Sold	Refunding issues exchanged or sold	Unsold, all issues	Refunded	Paid	Outstanding	Principal	Interest ²	January 1
lpaugh		July 1, 1916	July 1, 1927–1946		\$283,000		\$283,000	None	\$283,000		None		\$28,300 28,300	\$254,700 254,700	None	None	\$9,
lta	1		July 1, 1927-1946	6			283,000 1,175,000				\$140,000	\$492,000	313,500	229,500	None	None	N
	1 1 Ref.	Feb. 15, 1889 Feb. 4, 1902	Jan. 1, 1923-1942	6 5	675,000	\$500,000	675,000 500,000		543,000	\$492,000	132,000 8,000	492,000	51,000 262,500	229,500			
nderson-Cottonwood	<u>1</u>	Jan. 1, 1916	Jan. 1, 1937–1956	6	480,000		1,255,000 480,000	None	480,000		None		105,000	1,150,000 480,000	None	None	N
	2 3	July 1, 1917 July 1, 1920	July 1, 1938–1957	6	575,000 200,000		575,000 200,000		575,000 200,000				105,000	575,000 95,000			1
anta-Carbona	1	Aug. 1, 1924	July 1, 1940–1964	6	705,000		1,164,000 705,000	None	705,000		26,940		None	1,137,060 705,000	None	None	52,7
	2 3	Dec. 1, 1925 Jan. 1, 1927	July 1, 1941–1965 Jan. 1, 1948–1967	6	125,000 334,000		125,000 334,000		125,000 307,060		26,940			125,000 307,060			
axter Creek ¹	·	July 1, 1921	Jan. 1, 1926–1943	6	511,000		511,000 511,000	None	511,000		None		None	511,000 511,000	\$87,000 87,000	\$224,010	Ne rec
eaumont		Nov. 1, 1920	Jan. 1, 1926-1944	6	230,000		300,000 230,000	None	230,000	ļ	None		46,000 46,000	254,000 184,000	None	None	1,0
	2	July 1, 1926	July 1, 1931–1950	6	70,000		70,000		70,000		2.000		4,000	70,000 63,000	3.000	None	
ig Springs	1	July 1, 1928	Jan. 1, 1930-1946	6	69,000		69,000 69,000	None	67,000		2,000		4,000	63,000	3,000		No
rowns Valley	i				140,000		140,000 140,000	None	140,000		None		140,000 140,000	None	None	None	No
utte Valley	·i	Sept. 1, 1923	Jan. 1, 1944-1963	6	594,000		594,000 594,000	None	594,000				None	594,000	None	\$139,560	No
yron-Bethany		Nov. 1, 1920	Jan. 1, 1924-1952		550,000		650,000 550,000	None	550,000		None	10.00	54,000 54,000	596,000 496,000	None	None	10,7
	2	Sept. 1, 1923	July 1, 1933–1955	6	100,000		100,000		100,000					100,000			
amp Far West	1	July 1, 1927	July 1, 1937–1956	6	200,000		200,000 200,000	None	179,000		21,000 21,000			1 79,000 179,000	None	None	No
armichael	1 1	July 1, 1916	July 1, 1923–1942	6 6	90,000		1 20,000 90,000	None	90,000		None		23,400 23,400	96,600 66,600	None	None	No
arpenter	2	Jan. 1, 1926	Jan. 1, 1933–1945	6	30,000		30,000 200,000	None	30,000		None		None	30,000 200,000	None	None	No
	1	July 1, 1929	July 1, 1934–1953	6	200,000		200,000		200,000		47.000		32,000	200,000 183,000	None	None	No
itrus Heights	1	Aug. 1, 1921	July 1, 1926–1945	6	262,000		262,000 262,000	None	215,000		47,000 47,000		32,000	183,000			
ompton-Delevan	1	Dec. 1, 1921	Jan. 1, 1922–1936	6 6	575,000	384,000	959,000 575,000	\$52,000 52,000	523,000	072 000	111,000	273,000 273,000	139,000 139,000	384,000 111,000 273,000	None	None	No
onsolidated	1 Ref.	Jan. 1, 1927	Jan. 1, 1937–1950	6		384,000	384,000 850,000	None		273,000	None		615,000	235,000	None	None	No
	1 2	July 1, 1922 July 1, 1922	Jan. 1, 1924–1933 Jan. 1, 1924–1933	5½ 5½	775,000 75,000		775,000 75,000		775,000 75,000				560,000 55,000	215,000 20,000			
orcoran		Jan. 1, 1920	Jan. 1, 1931–1955	6	760,000		760,000 760,000	None	760,000				10,000 10,000	750,000 750,000	None	None	55,1
ordua							454,000 192,000	None	192,000		94,000	102,000 72,000	None	258,000 120,000	None	None	No
	1 2 3 Ref.	June 1, 1920 June 1, 1921 June 1, 1925	July 1, 1925–1940 July 1, 1925–1940 July 1, 1941–1951	6 6	192,000 75,000	187,000	75,000 187,000		65,000	103,000	10,000 84,000	30,000		35,000 103,000			
rooks Canyon ¹		-, 2020			80,000		80,000 80,000	80,000 80,000						None			No

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TABLE V-Continued

SUMMARY OF STATISTICAL DATA RELATING TO BONDS AND OUTSTANDING WARRANTS OF CALIFORNIA IRRIGATION DISTRICTS, 1 JANUARY 1, 1931

									St	atus of bond iss	sues January 1	, 1931					
Name of district	Number of bond issues	Date of bonds	Range of maturities	Coupon rate,	Face va	alue of all issues	s voted		Disposition	of bonds voted		Disp	osition of bon	ds sold	Bond pays	ments due et paid	Intere bearin warran
	issues		maturities	per cent	Original	Refunding	Total	Origina	al issues	Refunding issues exchanged or sold	Unsold, all issues	Refunded	Paid	Outstanding	Principal	Interest ²	January 1931
								Canceled	Boid	or solu							
Deer Creek	·- i	Sept. 1, 1927	July 1, 1929–1938	6	\$25,000		\$25,000 25,000	None	\$25,000				\$5,000 5,000	\$20,000 20,000	None	None	
ast Contra Costa 6							1,324,000	\$23,000			None		65,000	1,236,000	None	None	
Brentwood Knightsen	1 1	Jan. 1. 1924 July 1, 1921	Jan. 1, 1935-1954 July 1, 1927-1946	6	514,000 650,000		514,000 650,000		514,000 650,000				65,000	514,000 585,000			
Lone Tree	- 1	July 1, 1921 Mar. 1, 1922	Jan. 1, 1928–1947	6	160,000		160,000	23,000	137,000					137,000			4
l Camino	. 1	Nov. 1, 1926	Jan. 1, 1937-1956				430,000	None			\$7,000			423,000	None	\$12,690	mrs.
	1st Div. 2d Div.		Jan. 1, 1937-1956 Jan. 1, 1940-1952	6 6	275,000 28,000		275,000 28,000		275,000 28,000					275,000 28,000			100
	3d Div.		Jan. 1, 1940-1956	ő	127,000		127,000		120,000		7,000			120,000			
El Dorado							1,300,000	None			612,000		None	688,000	None	None	2
	1	Mar. 1, 1927	Jan. 1, 1948-1967	6	1,300,000		1,300,000		688,000		612,000			688,000			
El Nido							135,000	None			135,000			None			1 7 7 7
	1	Jan. 1, 1931	Jan. 1, 1934-1951	6	135,000		135,000										
Fairoaks		Oct. 1, 1918	T 1 1 1004 1040				200,000	None			40,000		44,000	116,000	None	None	
		006. 1, 1915	July 1, 1924–1943	6	200,000		200,000		160,000		40,000		44,000	116,000			
Fallbrook							None							None			7/10/14/10
oothill							2,270,000	None			2,270,000		None	None	None	None	3.5
	1	Sept. 1, 1927	July 1, 1948–1967	6	2,270,000		2,270,000				2,270,000						
Fresno		Mor 18 1021	Top 1 1092 1029		1,750,000		2,000,000 1,750,000	None	1,750,000		None		1,745,000	255,000	None	None	
	2	Mar. 18, 1921 Mar. 18, 1921	Jan. 1, 1923-1932 Jan. 1, 1923-1932	6 6	250,000		250,000		250,000				1,528,000 217,000	222,000 33,000			
Glenn-Colusa							2,887,000	182,850			15,000	\$285,000	852,650	1,551,500	None	None	14
	1 1 Ref.	Oct. 1, 1920	Jan. 1, 1922-1941	6	2,587,000	***************************************	2,587,000	182,850	2,404,150	4007.000		285,000	852,650	1,266,500			7 3 7
	I nei.	Nov. 1, 1924	Jan. 1, 1935-1941	6		\$300,000	300,000			\$285,000	15,000			285,000			
Grenada	1	July 1, 1921	July 1, 1926-1940	6	240,000		240,000 240,000	None	240,000		None		None	240,000 240,000	\$80,000 80,000	59,600	
T I G I W-11		0 113	0419 1, 1020 1010	, and	210,000				210,000		-						
Hot Springs Valley	1 2	May 1, 1920	Jan. 1, 1923-1936	6	100,000		160,000 100,000	None	100,000		None		58,000 52,000	102,000 48,000	11,000 8.000	None	
	2	Oct. 15, 1921	Jan. 1, 1927–1939	6 6	60,000		60,000		60,000				6,000	54,000	3,000		
mperial							16,000,000	None			None		1,150,000	14,850,000	None	None	61
	1 2	Jan. 1, 1915 July 1, 1917	Jan. 1, 1936–1955 July 1, 1938–1957	5 5	3,500,000 2,500,000		3,500,000 2,500,000		3,500,000 2,500,000					3,500,000 2,500,000			
	3 4	Oct. 1, 1919	July 1, 1925-1934	51/2	2,500,000		2,500,000		2,500,000				1,150,000	1,350,000			
	4	July 1, 1922	July 1, 1935–1956	0	7,500,000		7,500,000		7,500,000					7,500,000			
acinto	1	Dec. 1, 1920	Jan. 1, 1923-1942	6	238,000		238,000 238,000	None	238,000		None		70,000 70,000	168,000 168,000	None	None	
		Dec. 1, 1020	Van. 1, 1020 1012		200,000				200,000								T. A.
ames	- <u>i</u>	May 15, 1920	Jan. 1, 1928-1947	6	1,000,000		1,000,000 1,000,000	None	1,000,000		None		5,000 5,000	995,000 995,000	195,000 195,000	255,240	
a Canada							328,000	None			None			328,000			
a Canada	1 2	July 1, 1925	July 1, 1936-1960	5	154,000		154,000	140116	154,000		Nulle		None	154,000	None	None	
	2 .	July 1, 1928	July 1, 1949–1968	5	174,000		174,000		174,000					174,000			
adera							200,000	None			200,000			None			300
					200,000		200,000				200,000						
aguna		July 1 1021	July 1, 1923-1932	6	265,000		265,000 265,000	None	265,000		None		212,000 212,000	53,000 53,000	None	None	
	1 300	July 1, 1021	1, 1020-1002		200,000				200,000				212,000				
akeside	1	Feb. 1, 1925	Jan. 1, 1946-1965	6	35,000		35,000 35,000	None	35,000		None			35,000 35,000	None	None	
a Mesa, Lemon Grove and Spring Valley		-,			35,000		3.732,500	1,166,500	30,030		E00.000		40.000		Nie	00.000	
as week, Lemon Grove and opring valley	$\frac{1}{2}$	July 1, 1914	June 30, 1935-1939	6	1,232,500		1,232,500	1,166,500	66,000		500,000		10,000 10,000	2,056,000 56,000	None	20,328	1
	1 2	Jan. 1, 1925	Jan. 1, 1946-1965	6	2,500,000	11	2,500,000		2,000,000		500,000			2,000,000			

ADMINARY OF STATISTICAL DAYA RELATES: TO SPINS AND GUITSTANDING WARRANTS OF CUPURALIA

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TABLE V—Continued

SUMMARY OF STATISTICAL DATA RELATING TO BONDS AND OUTSTANDING WARRANTS OF CALIFORNIA IRRIGATION DISTRICTS, 1 JANUARY 1, 1931

									Stat	us of bond issu	es January 1, 1	931					
Name of district	Number of bond issues	Date of bonds	Range of maturities	Coupon rate,	Face va	lue of all issue	es voted		Disposition	of bonds voted		Dispo	sition of bone	ls sold	Bond pay and no	ments due ot paid	Interest bearing warrants outstanding
	2,5400		materiological designation of the second sec	per cent	Original	Refunding	Total		al issues	Refunding issues exchanged or sold	Unsold, all issues	Refunded	Paid	Outstanding	Principal	Interest ²	January 1,
					1			Canceled	Sold	or sold							
indsay-Strathmore	1 2	July 1, 1916	July 1, 1927–1946 Oct. 1, 1929–1948	6	\$1,400,000		\$1,650,000 1,400,000	None	\$1,400,000		None		\$89,000 84,000	\$1,561,000 1,316,000	None	None	\$46,70
	2	Oct. 1, 1918	Oct. 1, 1929-1948	6	250,000		250,000		250,000				5,000	245,000			
ittle Rock Creek	3	July 1, 1914	Jan. 1, 1934-1954	5	60,000		368,000 60,000	None	60,000		None		8,000	360,000 60,000	\$4,000	\$21,000	No
	5	Jan. 16, 1920 May 1, 1921 Jan. 1, 1925	Jan. 1, 1941–1960 Jan. 1, 1925–1942	6	200,000 48,000		200,000 48,000		200,000 48,000				8,000	200,000 40,000	4,000		
6.)	6	Jan. 1, 1925	Jan. 1, 1941-1960	6	60,000		60,000		60,000					60,000			
Madera	1				27,800,000		28,000,000 27,800,000	None			\$27,800,000 27,800,000		200,000	None	None	None	Non
Maxwell 7	1 1st Div.	Oct. 1, 1921	July 1, 1927–1928	6	200,000		200,000		200,000				200,000				
viaxwen ·	1	Sept. 15, 1918	Jan. 1, 1922–1941	6	260,000		260,000 260,000	None	260,000		None		26,000 26,000	234,000 234,000	104,000 104,000	67,830	Non
Merced	1 1st Div.	Jan. 1, 1922	Jan. 1, 1933-1950		3,120,000		16,250,000 3,120,000	None	3,120,000		None		None	16,250,000 3,120,000	None	None	Non
	1 2d Div. 1 3d Div.	Jan. 1, 1922 Jan. 1, 1922	Jan. 1, 1951-1953 Jan. 1, 1954-1955	5½ 5½ 5½	1,800,000 1,420,000		1,800,000 1,420,000		1,800,000 1,420,000					1,800,000 1,420,000			
	1 4thDiv.	Jan. 1, 1922	Jan. 1, 1956–1962	6	5,660,000 3,250,000		5,660,000 3,250,000		5,660,000 3,250,000					5,660,000 3,250,000			
	3	May 1, 1924 April 1, 1926	Jan. 1, 1965–1966	6 5½	1,000,000		1,000,000		1,000,000					1,000,000			
Modesto	Orig.				1,342,511		6,480,022 1,342,511		1,342,511		282,000	\$1,342,511 1,342,511	672,130	4,183,381	None	None	Non
	1 Ret.	May 1, 1902 Jan. 1, 1903	Jan. 1, 1923-1942 Jan. 1, 1914-1923	5 6	18,000	\$1,056,511	1,056,511 18,000		18,000	\$1,010,511	46,000		500,930 18,000	509,581			•
	2 Ref.	Jan. 5, 1904 July 1, 1909	Jan. 1, 1925–1944 July 1, 1930–1939	5 5	200,000	332,000	332,000 200,000		200,000	332,000			122,200 22,000	209,800 178,000			
	5	Jan. 1, 1911 July 1, 1914	Jan. 1, 1932-1941 July 1, 1935-1954	5 6	50,000 500,000		50,000 500,000		50,000 500,000				1,000	49,000 500,000			
	6 7	July 1, 1914 July 1, 1920	July 1, 1935–1954 July 1, 1931–1950	6	110,000 1,180,000		110,000 1,180,000		110,000 1,180,000					110,000			
	8 9	July 1, 1920 July 1, 1920 July 1, 1920	July 1, 1931–1950 July 1, 1931–1950	6 6	181,600 150,000		181,600 150,000		181,600 150,000					181,600 150,000			
	10 11	July 1, 1920	July 1, 1931–1950 July 1, 1931–1950	6	190,000 298,400		190,000 298,400		190,000 298,400					190,000 298,400			
	12 13 14	Oct. 1, 1923 Jan. 1, 1924	July 1, 1934-1953 July 1, 1944-1953	5 5	135,000 500,000		135,000 500,000		135,000 500,000				6,000 2,000	129,000 498,000			
Mojave River¹		Jan. 1, 1927	Jan. 1, 1942–1951	5	236,000 5,600,000		236,000 5,600,000	N1			236,000						
Wiojave Hiver	1st Div. 2d Div.	Aug. 15, 1922 Jan. 1, 1924	Jan. 1, 1933 Jan. 1, 1935-1954	6	5,600,000		5,600,000	None			5,600,000			None			None
Montague ⁸	Zu Div.	Jan. 1, 1924	Jan. 1, 1955-1954	0			1,395,000	None					None	1,395,000	None	413,500	
	1	Jan. 1, 1926	Jan. 1, 1947–1966	6	1,395,000		1,395,000	None	1,395,000				None	1,395,000	None		None
Naglee-Burk	1	Oct. 1, 1921	July 1, 1926–1940	6	200,000		392,000 200,000	None	195,000	186,000	11,000 5,000	186,000	9,000 9,000	186,000	None	None	8,247
	1 Ref.	July 1, 1927	July 1, 1933–1967	6		192,000	192,000				6,000	186,000		186,000			
Nevada	1 1st Div.	July 1, 1925	July 1, 1936-1965	51/2	6,000,000		9,842,000 6,000,000	None	6,000,000		1,807,000		None	8,035,000 6,000,000	None	140,000	19,100
	1 2d Div.	July 1, 1926 July 1, 1928	July 1, 1933-1965 July 1, 1949-1962	5½ 5½ 5½ 5½	1,250,000 2,592,000		1,250,000 2,592,000		1,250,000 785,000		1,807,000			1,250,000 785,000			
Newport Heights	1						160,000	None					None	160,000	None	None	None
N		Jan. 1, 1910	July 1, 1941–1960	6	160,000		160,000		160,000					160,000			
Newport Mesa	1	Jan. 1, 1919	July 1, 1940-1959	6	50,000		50,000 50,000	None	50,000				None	50,000 50,000	None	None	None
Oakdale		Tubu 1 1010	L.L. 1 1021 1040		1 000 000		3,675,000	None			None		220,000	3,455,000	None	None	68,340
	$\begin{bmatrix} 1\\2\\3 \end{bmatrix}$	July 1, 1910 Jan. 1, 1913 July 1, 1915	July 1, 1931–1940 Jan. 1, 1934–1943 July 1, 1936–1955	5 5	1,600,000 400,000		1.600,000 400,000		1,600,000 400,000	2				1,600,000			
	4	July 1, 1915 Jan. 1, 1924 June 21, 1925	July 1, 1936–1955 Jan. 1, 1925–1931 Jan. 1, 1927–1965	6 5½ 5	400,000 175,000 1,100,000		400,000 175,000 1,100,000		400,000 175,000 1,100,000				175,000 45,000	1,055,000			V P

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TABLE V—Continued

SUMMARY OF STATISTICAL DATA RELATING TO BONDS AND OUTSTANDING WARRANTS OF CALIFORNIA IRRIGATION DISTRICTS, 1 JANUARY 1, 1931

									Statu	s of bond issue	s January 1, 1	931	1.1				
Name of district	Number of bond issues	Date of bonds	Range of maturities	Coupon rate,	Face va	alue of all issue	s voted		Disposition o	f bonds voted		Dispo	sition of bone	ds sold		ments due ot paid	Interest bearing warrants outstandin
	135403		naturiores .	per cent	Original	Refunding	Total		al issues	Refunding issues exchanged	Unsold, all issues	Refunded	Paid	Outstanding	Principal	Interest ²	January 1
								Canceled	Sold	or sold							
Oroville-Wyandotte	1	Jan. 1, 1923	Jan. 1, 1944–1963	6	\$2,000,000		\$2,000,000 2,000,000	None	\$1,095,000		\$905,000 905,000		None	\$1,095,000 1,095,000	None	None	\$47,8
Owens Valley1	1	Jan. 1, 1924	Jan. 1, 1940-1959	5½	1,650,000		1,850,000 1,650,000	None	471,500		1,1 78,500 1,178,500		None	471,500 471,500	None	None	No
Palmdale							545,000	None			100,000		None	445,000	None	\$146,850	22,4
	$\begin{bmatrix} 1\\2\\3 \end{bmatrix}$	May 16, 1920 May 1, 1921	Jan. 1, 1933-1942	6	382,000 63,000		382,000 63,000		382,000 63,000					382,000 63,000			
	3	June 1, 1925	Jan. 1, 1941–1960	6	100,000		6,507,330	#20 000			100,000		0470 000	4.000.000		040.005	
Palo Verde Mutual Water Co Levee District	1	Feb. 1, 1916 May 1, 1918	Feb. 1, 1922-1935 May 1, 1919-1958	6	500,000 1,285,951		500,000 1,285,951	\$32,000 32,000	500,000 1,253,951		1,562,000	\$213,000 90,000 96,000	\$470,000 210,000 224,000	4,230,330 200,000 933,951	\$41,000 32,000	249,805	138,6
Levee District Drainage District	2	Nov. 1, 1922 Dec. 1, 1921		61/2	371,379 850,000		371,379 850,000	32,000	371,379 850,000			27,000	36,000	308,379 850,000	9,000		
Irrigation District	1 1st Div 1 2d Div.	Sept. 1, 1925 Sept. 1, 1925	July 1, 1937–1955 July 1, 1938–1955	6 6	3,114,000 173,000		3,114,000 173,000		1,650,000 75,000		1,464,000 98,000			1,650,000 75,000			
Irrigation District	2 Ref.	Sept. 1, 1925	July 1, 1937–1955	U		\$213,000	213,000 490.000	None		\$213,000	None		9,000	213,000 481,000	None	None	No
: aradist	1 2	May 1, 1917 July 1, 1920	May 1, 1938–1957 July 1, 1925–1956	6 6	350,000 140,000		350,000 140,000		350,000 140,000				9,000	350,000			140
Potter Valley	1	July 1, 1928	July 1, 1933–1952	5½	100,000		100,000 100,000	None	97,000		3,000 3,000		None	97,000 97,000	None	None	No
Princeton-Cordova-Glenn	·	July 1, 1918	July 1, 1939–1958	6	175,000		175,000 175,000	None	175,000		None		None	175,000 175,000	None	None	3,8
Provident							1,190,000	None			None		186,000	1,004,000	12,000	24,870	No
	2	Aug. 15, 1918 Aug. 9, 1921	Aug. 15, 1930–1949 July 1, 1922–1933	6	1,000,000 190,000		1,000,000 190,000		1,000,000 190,000				8,000 178,000	992,000 12,000	12,000		
Ramona	····i	July 1, 1926	July 1, 1947–1966	6	91,000		91,000 91,000	None	91,000		None		None	91,000 91,000	None	None	3,7
Red Rock Creek ¹	1 1st Div.	Jan. 1, 1926	Jan. 1, 1947-1966	6	175,000		442,160 175,000				442,160 175,000			None			10,0
D: 11	1				267,160		267,160				267,160						
Riverdale	1	Oct. 1, 1922	July 1, 1925–1933	6	123,000		123,000 123,000	None	123,000		None		73,000 73,000		None	None	No
San Dieguito	1	April 1, 1923	Jan. 1, 1931-1950	6	400,000		400,000 400,000	None	400,000		None		11,000 11,000	389,000 389,000	None	None	No
Santa Fe		Nov. 1, 1923	July 1, 1933–1952	6	700,000		700,000 700,000	None	700,000		None		None	700,000	None	None	No
San Ysidro			Jan. 1, 1934–1943	5	25,000		25,000 25,000	None	25,000		None		None	25,000	None	None	22,7
Scott Valley							125,000	None			None		56,000	25,000 69,000	None	None	No
Serrano	1	July 1, 1920	July 1, 1923–1937	6	125,000		125,000 200,000	* None	125,000		None		56,000 None	69,000	None	None	
	1	July 1, 1929	July 1, 1934–1953	6	200,000		200,000		200,000		None			200,000			No
South Montebello	1	June 30, 1923	Jan. 1, 1926–1945	6	125,000		125,000 125,000	None	125,000		None		37,500 37,500	8 7,500 87,500	None	None	No
South San Joaquin		July 1, 1910	July 1, 1931-1940	5	1.875.000		5,985,000 1,875,000	None	1,875,000		None		45,000	5,940,000 1,875,000	None	None	165,6
	$\frac{1}{2}$	April 18, 1913 July 1, 1913	April 18, 1934–1942 July 1, 1934–1943	5 5	1,875,000 1,170,000 790,000		1,170,000		1,170,000					1,170,000			
	4 5 6	Sept. 1, 1919 Nov. 6, 1923	July 1, 1940–1959 July 1, 1944–1963 Jan. 1, 1927–1965	5½ 5½ 552	500,000 550,000 1,100,000		500,000 550,000 1,100,000		500,000 550,000 1,100,000				45,000	500,000 550,000			*

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TABLE V-Continued

SUMMARY OF STATISTICAL DATA RELATING TO BONDS AND OUTSTANDING WARRANTS OF CALIFORNIA IRRIGATION DISTRICTS, 1 JANUARY 1, 1931

									Statu	is of bond issue	s January 1, 1	931					Interes
N	Number of bond		Range of	Coupon rate,	Face va	lue of all issue	s voted		Disposition of	of bonds voted		Dispo	osition of bond	ls sold	Bond payr and no	nents due t paid	bearing warrant outstandi
Name of district	issues	Date of bonds	maturities	per cent	Original	Refunding	Total	Origina Canceled	l issues	Refunding issues exchanged or sold	Unsold, all issues	Refunded	Paid	Outstanding	Principal	Interest ²	January 1931
							\$360,000	None			None		None	\$360,000	\$7,200	\$34,212	\$30,
inson	1	April 1, 1923	Jan. 1, 1931–1950	6	\$360,000		360,000		\$360,000				N	360,000 187,000	7,200 None	5,550	N
able Mountain		July 1, 1923	July 1, 1944–1965 Jan. 1, 1948–1967	6	125,000		187,000 125,000	None	125,000 62,000		None		None	125,000 62,000	None		
	2	July 1, 1923 Mar. 1, 1927	Jan. 1, 1948–1967	6	62,000		62,000 1,000,000		02,000		None		\$124,500	875,500	2,500	None	
rra Bella	1	Nov. 1, 1916	Nov. 1, 1927–1940	6	1,000,000		1,000,000		1,000,000				124,500	875,500	2,500	None	
ermalito		Mar. 1, 1923	Jan. 1, 1934–195	36	270,000		320,000 270,000		270,000		None		None	320,000 270,000 50,000	None	None	•
	2	May 1, 1926	Jan. 1, 1947–196	6	50,000		50,000 None		50,000					30,000			
a Juana River							52,170			-	None		Nene	52,170	None	None	
acy-Clover	1	May 1, 1923	Jan. 1,11939-196	6	52,170		52,170	The second	52,170		Nana		10.000	52,170 250,000	3.000	13,750	1
anquillity		Jan. 1, 1920	Jan. 1, 1924-195	51/2	260,000		260,000 260,000		260,000		None		10,000	250,000	3,000		
llare		-			500,000		500,000 500,000		500,000				500,000 500,000				
			-				806,000	None			None			806,000	132,000 132,000	248,242	No r
ule¹	1	July 1, 1921	Jan. 1, 1926-194	3 6	806,000		806,000		806,000		\$44,000	\$1,156,000	984.100	6,929,900	None	None	
urlock	Original		1 1000 104		1,200,000	\$1,200,000	9,114,000 1,200,000 1,200,000		1,200,000	\$1,156,000	44,000	1,156,000	44,000 600,000	556,000			
	1 Ref.	July 1, 1902 Jan. 1, 1905 July 1, 1910	Jan. 1. 1926-193	5 5	200,000		200,000		200,000 100,000				90,100	100,000			
	3 4	Jan. 1, 1911 July 1, 1920	Jan. 1, 1932-194 July 1, 1936-195	1 5 6	1,206,000 2,570,000		1,206,000 2,570,000		1,206,000 2,570,000					1,206,000 2,570,000 1,028,000			
	5 6	July 1, 1920 July 1, 1920	July 1, 1936-195 July 1, 1941-196	$\begin{bmatrix} 1 & 6 \\ 5 & 5 \end{bmatrix}_{2}$	1,028,000 510,000		1;028,000 510,000		1,028,000 510,000 500,000				250,000	510,000			
	7 8	Jan. 1, 1924 Dec. 31, 1926	Jan. 1, 1927-193	6 5	500,000 600,000		500,000 600,000		600,000					600,000			
andalia		April 1, 1924	Jan. 1, 1928-194	7	210,000		210,000 210,000		210,000		None		23,100 23,100		None	None	
	1			,			1,700,000	None		-	None		None		None	None	
ista	1	Jan. 1, 1925	Jan. 1,1946-196	5 6	1,700,000		1,700,000 670,000		1,700,000		None		32,950	637,050	None	None	1
aterford	·i	Oct. 1, 1916	Oct. 1, 1927-194	6 6 51/2	465,000 205,000		465,000 205,000		465,000 205,000				18,600 14,350	446,400			
	2	July 1, 1919	July 1, 1927–194	572	203,000		595,000	None			36,500		30,000		None	None	1
est Side	1 2	Jan. 1, 1917 July 1, 1918	July 1, 1939-195	8 6	295,000 100,000		295,000 100,000		295,000 100,000				30,000	295,000 100,000 120,000			
	3 4	Jan. 1, 1920 Feb. 1, 1929	Jan. 1, 1930–193 Jan. 1, 1950–196	6 6	150,000 50,000		150,000 50,000		150,000 13,500		36,500			13,500			
est Stanislaus		July 1, 1927	July 1, 1932-195	76	1,216,376		1,216,376 1,216,376	None	1,175,000		41,376 41,376			1,1 75,000 1,175,000	None	None	1
	1	July 1, 1927	4		W Comment		1,198,000	None			234,000	379,000	16,000 16,000		29,000 29,000	150,180	
illiams.	1 2 1st Div.	July 1, 1921			600,000		600,000		453,000	379,000	147,000 87,000	379,000	16,000	379,000	28,000		
	Ref. 2 2d Div.	Jan. 1, 1924 Jan. 1, 1924	Jan. 1, 1942–1959 Jan. 1, 1959–1963 Jan. 1, 1945–1963	6	115,000 17,000	466,000	466,000 115,000 17,000		115,000 17,000		87,000			115,000			

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TABLE V-Continued

SUMMARY OF STATISTICAL DATA RELATING TO BONDS AND OUTSTANDING WARRANTS OF CALIFORNIA IRRIGATION DISTRICTS, 1 JANUARY 1, 1931

									Stat	tus of bond issu	ies January 1,	1931					
	Number		Range of	Coupon	Face v	alue of all issu	ies voted		Disposition o	f bonds voted		Dispo	sition of bond	ls sold	Bond pay:	ments due ot paid	Interest bearing warrants outstanding
Name of district	of bond issues	Date of bonds	Range of maturities	per cent	0111	D.C. II	Total	Origin	nal issues	Refunding issues	Unsold,	Refunded	Paid	Outstanding			January 1, 1931
					Original	Refunding	lotal	Canceled	Sold	exchanged or sold	all issues	Refunded	Tura	Outstanding	Principal	Interest ²	
Woodbridge							\$325,000 325,000	None					\$10,000	\$315,000	None	None	None
Woodbluge	1	Mar. 1, 1928	Jan. 1, 1930-1954	51/2	\$325,000		325,000		\$325,000				10,000	315,000			
Totals					\$151,474,047	\$4,830,511	\$156,304,558	\$1,536,350	\$106,071,221	\$4,429,511	\$44,267,476	\$4,428,511	\$9,580,130	\$96,503,091	\$710,700	\$1,827,217	\$1,666,910
							\$942,731	None			None		None	\$942,731	None	None	\$78,617
Buena Vista Water Storage	1	July 1, 1929	July 1, 1935-1968	6	\$942,731		049 791		2049 721					942,731			

Summary contains data on Baxter Creek, Crooks Canyon, Mojave River, Owens Valley, Red Rock Creek and Tule Irrigation districts which are considered as inactive or partially active.

Does not include interest on bonds after date of maturity.

Interest payments due from July 1, 1927, to January 1, 1932, inclusive, deferred by agreement made with bond holders.

Special arrangements in effect between district and bond holders regarding interest charges.

By agreement, bonds of Williams Irrigation District, now consolidated with Glenn-Colusa Irrigation District, are an obligation against lands in Williams Irrigation District only.

East Contra Costa Irrigation District formed in 1926 by consolidation of Brentwood, Knighten and Lone Tree Irrigation Districts.

Negotiations are being carried on relative to compromise of Maxwell Irrigation District indebtedness.

Organized as an irrigation district, but name changed to Montague Water Conservation District, September, 1926.

Includes Levee District, Drainage District and Mutual Water Company bonds which were assumed by Palo Verde Irrigation District by special act of legislature in 1925.

Construction charges Bureau of Reclamation not considered.

Palo Verde issued and sold \$213,000 of refunding bonds, to retire as due for a period of three years, the following obligations: Mutual Water Company bonds, first issue Levee district bonds, second issue Levee district bonds.

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TABLE VI

ANNUAL OBLIGATIONS OF CALIFORNIA IRRIGATION DISTRICTS, FROM 1931-1950 ON BONDS OUTSTANDING AFTER JANUARY 1, 1931, AND ALSO FACE VALUE OF BONDS MATURING SERIALLY AFTER 1950

	Number	Total bonds	Interest	Date on which	Payme	ents in									Payments di	ie annually froi	n 1932 to 1950									Total bonds outstanding present issue,
Name of district	of bond issues	outstanding January 1, 1931	rate, per cent	annual payments are due	1931 Janus	after	1932	1933	1934	1935	1936	1937	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	December 31, 1950
Alpaugh	1	\$234,700	6	July 1					411 000		214.150	\$14.150	@14.15O	\$16,980	\$16,980	\$16,980	\$16,930	\$19,810	\$19,810	\$22,640	\$22,640					
					Interest	7,641	\$11,320 14,263	\$11,320 13,584	\$11,320 12,905	\$14,150 12,141	\$14,150 11,292	\$14,150 10,443	\$14,150 9,594	6,860	7,641	6,622	5,603	4,500	3,311	2,038	679					
Alta	1 Ref.	\$229,500	5	Jan. 1		318,961	\$25,583	\$24,904	\$24,225	\$26,291	\$25,442	\$24,593	\$23,744	\$23,840	\$24,621	\$23,602	\$22,583	\$24,310	\$23,121	\$24,678	\$23,319					
					Principal	\$5,738	\$25,000 10,225	\$23,500 9,050	\$21,500 7,975	\$25,000 6,725	\$25,000 5,475	\$18,500 4,550	\$25,000 3,300	\$25,000 2,050	\$15,000 1,300	\$15,500 525	\$10,500 525									
Anderson-Cottonwood	3	\$1,150,000				\$5,738	\$35,225	\$32,550	\$29,475	\$31,725	\$30,475	\$23,050	\$28,300	\$27,050	\$16,300	\$16,025	\$11,025									477,600
XIIddiSon-Oostonwood	1	480,000	6	Jan. 1								\$9,600	\$9,600	\$14,400 11,500	\$14,400	\$19,200 17,250	\$19,200 23,000	\$19,200 23,000	\$19,200 23,000	\$24,000 23,000	\$24,000 28,750	\$24,000 28,750	\$24,000 28,750	\$28,800 28,750	\$28,800 34,500	201,600 276,00
	3	575,000 95,000	6	Jan. 1 July 1 July 1		22,000	23,000	25,000	25,000				11,500		17,250								\$52,750	\$57,550	\$63,300	
					Principal Interest	22,000 34,500	\$23,000 66,990	\$25,000 65,550	\$25,000 64,050	63,300	63,300	\$9,600 62,724	\$21,100 61,803	\$25,900 60,249	\$31,650 58,523	\$36,450 56,335	\$42,200 53,976	\$42,200 51,444	\$42,200 48,912	\$47,000 46,092	\$52,750 43,099	\$52,750 39,935	36,769	33,317	29,691	
Banta-Carbona	3	\$1,137,060				\$56,500	\$89,990	\$90,550	\$89,050	\$63,300	\$63,300	\$72,324	\$82,903	\$86,149	\$90,173	\$92,785	\$96,176	\$93,644	\$91,112	\$93,092	\$95,849	\$92,685	\$89,519	\$90,867	\$92,991	\$950,680
	1 1	705,000 125,000	6	July 1 July 1											\$7,000	\$7,000 1,000	\$7,100 1,000	\$7,100 1,000	\$14,100 2,000	\$14,100 2,000	\$14,100 2,000	\$14,100 2,000	\$14,100 3,000	\$21,150 3,000	\$21,150 5,000	564,000 103,000
	3	307,060	6	Jan. 1											27.000	\$8,000	\$8,100	\$8,100	\$16,100	\$16,100	\$16,100	\$16,100	6,680 \$23,780	6,680 \$30,830	10,020 \$36,170	283,680
					Principal	\$34,112	\$68,224	\$68,224	\$68,224	\$68,224	\$68,224	\$68,224	\$68,224	\$68,224	\$7,000 68,014	67,564	67,081	66,595	65,869	64,903	63,937	62,971	61,574	59,936	\$93,995	
Baxter Creek		\$511,000	6	Jan. 1		\$34,112	\$68,224	\$68,224	\$68,224	\$68,224	\$68,224	\$68,224	\$68,224	\$68,224	\$75,014	\$75,564	\$75,181	\$74,695	\$81,969	\$81,003	\$80,037	\$79,071	\$85,354	\$90,766	\$95,895	
		\$311,000		Jan. 1		\$87,000 249,450	\$25,000 23,940	\$27,000 22,320	\$28,000 20,640	\$30,000 18,840	\$32,000 16,920	\$34,000 14,880	\$36,000 12,720	\$38,000 10,440	\$40,000 8,040	\$42,000 5,520	\$45,000 2,820	\$47,000 2,820								
					Total due \$3	336,450	\$48,940	\$49,320	\$48,640	\$48,840	\$48,920	\$48,880	\$48,720	\$48,440	\$48,040	\$47,520	\$47,820	\$49,820								
Beaumont	$\begin{bmatrix} 2\\1\\2 \end{bmatrix}$	\$254,000 184,000 70,000		Jan. 1 July 1		3,500	\$9,200 3,500	\$9,200 3,500	\$11,500 3,500	\$11,500 3,500	\$11,500 3,500	\$13,800 3,500	\$13,800 3,500	\$13,800 3,500	\$16,100 3,500	\$16,100 3,500	\$18,400 3,500	\$18,400 3,500	\$20,700 3,500	3,500	3,500	3,500	3,500	3,500	3,500	
					Principal	\$3,500 7,620	\$12,100 14,373	\$12,700 13,611	\$15,000 12,711	\$15,000 11,811	\$15,000 10,911	\$17,300 9,871	\$17,300 8,835	\$17,300 7,797	\$19,600 6,621	\$19,600 5,445	\$21,900 4,131	\$21,900 2,817	\$24,200 2,607	\$3,500 1,155	\$3,500 945	\$3,500 735	\$3,500 525	\$3,500 315	\$3,500 105	
					The state of the s	\$11,120 -	\$26,473	\$26,311	\$27,711	\$26,811	\$25,911	\$27,171	\$26,135	\$25,097	\$26,221		\$26,031	\$24,717	\$26,807	\$4,655	\$4,455	\$4,235	\$4,025	\$3,815	\$3,605	
Big Springs	1	\$63,000	6	Jan. 1		1\$3,000	\$4,000	\$4,000	\$4,000	\$4,000	\$4,000	\$4,000	\$4,000	\$4,000	\$4,000	\$4,000 1,200	\$4,000 960	\$4,000 720	\$4,000 480	\$4,000 240	\$4,000 240					
					Interest	1,890 \$4,890	\$7,360 \$7,360	3,120 \$7,120	2,880 \$6,880	\$6,640	\$6,400	2,160 \$6,160	\$5,920	\$5,680	1,440 \$5,440	\$5,200	\$4,960	\$4,720	\$4,480	\$4,240	\$4,240					
Butte Valley	1	\$594,000	6	Jan. 1	Principal														\$12,000	\$12,000	\$20,000	\$20,000	\$24,000	\$24,000	\$24,000	\$458,000
					Interest2\$1	175,200	\$35,640	\$35,640 \$35,640	\$35,640 \$35,640	\$35,640 \$35,640	\$35,640	\$35,640 \$35,640	34,920 \$46,920	\$46,200	\$53,000	\$1,800 \$51,800	\$54,360 \$54,360	\$52,920 -	\$51,480							
Byron-Bethany	2	\$596,000			Total due \$1	175,200	\$35,640	\$33,040	\$33,040	φ30,0±0	\$35,640		#30,0 1 0	955,040												\$100,000
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					Principal	\$17,880	\$12,000 35,040	\$15,000 34,200	\$16,000 33,240	\$18,000 32,160	\$19,000 31,020	\$21,000 29,790	\$22,000 28,470	\$23,000 27,090	\$25,000 25,590	\$26,000 24,030	\$28,000 22,380	\$29,000 20,640	\$30,000 18,840	\$32,000 16,920	\$33,000 14,940	\$35,000 12,870	\$36,000 10,710	\$37,000 8,490	\$39,000 6,210	
						\$17,880	\$47,040	\$49,200	\$49,240	\$50,160	\$50,020	\$50,790	\$50,470	\$50,090	\$50,590		\$50,380	\$49,640	\$48,840	\$48,920	\$47,940	\$47,870	\$46,710	\$45,490	\$45,210	
Camp Far West	1	\$179,000	6	July 1								#10.000	810.000	#10.000	#10.000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$39,000 39,000
						\$5,370	\$10,740	\$10,740	\$10,740	\$10,740	\$10,740	\$10,000 10,440	\$10,000 9,840	\$10,000 9,240	\$10,000 8,640	8,040	7,440	6,840	6,240	5,640	5,040	4,440	3,840	3,240	\$12,640	
			1		Total due	\$5,370	\$10,740	\$10,740	\$10,740	\$10,740	\$10,740	\$20,440	\$19,840	\$19,240	\$18,640	\$18,040	\$17,440	\$16,840	\$16,240	\$15,640	\$15,040	\$14,440	\$13,840	\$13,240	\$12,640	AN OLD THE

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TABLE VI—Continued ANNUAL OBLIGATIONS OF CALIFORNIA IRRIGATION DISTRICTS, FROM 1931-1950 ON BONDS OUTSTANDING AFTER JANUARY 1, 1931, AND ALSO FACE VALUE OF BONDS MATURING SERIALLY AFTER 1950

										(Totals	for each d	istrict in bo	old face typ	e)									* 1			
	Number	Total bonds	Interest	Date on which	Payn	nents in									Payments du	e annually fron	n 1932 to 1950									Total bonds outstanding
Name of district	of bond issues	outstanding January 1, 1931		annual payments are due	193	1 after uary 1	1932	1933	1934	1935	1936	1937	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	present issue, December 31, 1950
Carmichael	2	\$96,600		-																						
	1 2	66,600 30,000		July 1 Jan. 1		\$4,500	\$4,500	\$4,500 500	\$4,500 500	\$5,400 500	\$5,400 500	\$5,400 500	\$5,400 1,000	\$6,300 1,000	\$6,300 1,000	\$7,200 1,000	\$7,200 1,000	7,500	7,500	7,500						
					Principal Interest	\$4,500 2,898	\$4,500 5,391	\$5,000 5,091	\$5,000 4,791	\$5,900 4,464	\$5,900 4,110	\$5,900 3,756	\$6,400 3,372	\$7,300 2,961	\$7,300 2,523	\$8,200 2,058	\$8,200 1,566	\$7,500 900	\$7,500 450	\$7,500 450						
						\$7,398	\$9,891	\$10,091	\$9,791	\$10,364	\$10,010	\$9,656	\$9,772	\$10,261	\$9,823	\$10,258	\$9,766	\$8,400	\$7,950	\$7,950						
Carpenter	1	\$200,000	6	July 1	Principal	************			\$4,000	\$4,000	\$6,000	\$6,000	\$8,000	\$8,000	\$8,000	\$8,000	\$10,000	\$10,000	\$10,000 7,380	\$10,000 6,780	\$12,000 6,120	\$12,000 5,400	\$12,000 4,680	\$12,000 3,960	\$14,000 3,180	\$46,000
						\$6,000	\$12,000 \$12,000	\$12,000 \$12,000	\$15,880	\$15,640	\$17,340	\$16,980	\$18,560	\$18,080	\$17,600	9,120 \$17,120	\$18,580 \$18,580	\$17,980	\$17,380	\$16,780	\$18,120	\$17,400	\$16,680	\$15,960	\$17,180	
Citrus Heights	1	\$183,000	6	July 1	Principal	\$10,000	\$10,000	\$11,000	\$12,000	\$12,000	\$13,000	\$14,000	\$15,000	\$16,000	\$17,000	\$18,000	\$19,000	\$16,000								
					Interest	5,490 \$15,490	\$20,080	9,490 \$20,490	\$20,760	\$20,040	7,290 \$20,290	\$20,480	\$20,610	\$20,680	3,690 \$20,690	\$20,640	\$20,530	\$16,480								
Compton-Delevan	2	\$384,000						φ20,π30	\$20,100			#20,±30			Ψ20,090	\$20,040										
	1 1 Ref	111,000 273,000	6 6	Jan. 1 Jan. 1		\$8,000	\$15,000	\$15,000	\$29,000	\$15,000	\$35,000	\$9,000 \$19,000	\$20,000	\$21,000	\$23,000	\$24,000	\$25,000	\$22,000	\$25,000	\$18,000	\$21,000	\$14,000	\$19,000	\$12,000	\$10,000	
					Principal Interest	\$8,000 11,520	\$15,000 21,660	\$29,000 19,920	\$15,000 19,020	\$35,000 16,920	\$9,000 16,380	\$19,000 15,240	\$20,000 14,040	\$21,000 12,780	\$23,000 11,400	\$24,000 9,960	\$25,000 8,460	\$22,000 7,140	\$25,000 5,640	\$18,000 4,560	\$21,000 3,300	\$14,000 2,460	\$19,000 1,320	\$12,000 600	\$10,000 600	
						319,520	\$36,660	\$48,920	\$34,020	\$51,920	\$25,380	\$34,240	\$34,040	\$33,780	\$34,400	\$33,960	\$33,460	\$29,140	\$30,640	\$22,560	\$24,300	\$16,460	\$20,320	\$12,600	\$10,600	
Consolidated	2	\$23 5,000 215,000		T 1			#107 000	\$110,000																		
	2	20,000	5½ 5½	Jan. 1 Jan. 1		1000	\$105,000 10,000	10,000											1							
					Principal Interest	\$6,463	\$115,000 6,600	\$120,000 6,600																		
Corcoran		\$750,000	6	Jan. 1		\$6,463	\$121,600	\$126,600																		\$260,000
		4,00,000		Van. 1	Principal		\$10,000	\$10,000	\$10,000	\$10,000	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$30,000	\$30,000	\$30,000 31,200	\$30,000 29,400	\$30,000 27,600	\$40,000 25,200	\$40,000 22,800	\$40,000 20,400	\$40,000 18,000	\$40,000 15,600	\$490,000
						\$22,500 \$22,500	\$54,400 \$54,400	\$53,800	\$53,200	\$52,600	\$61,400	\$60,200	\$59,000 \$59,000	\$57,800 \$57,800	\$56,600 \$56,600	\$64,800	\$63,000	\$61,200	\$59,400	\$57,600	\$65,200	₹ \$62,800	\$60,400	\$58,000	\$55,600	
Cordua	3	\$258,000																								
	1 2 3 Ref.	120,000 35,000 103,000	6 6	July 1 July 1 July 1		512,000 5,000	\$12,000 5,000	\$12,000 5,000	\$12,000 5,000	\$12,000 5,000	\$12,000 5,000	\$12,000 5,000	\$12,000	\$12,000	\$12,000	\$17,000	\$17,000	\$17,000	\$17,000	\$17,000	\$17,000	\$1,000			Y	
		1		04.5	Principal \$	17,000	\$17,000	\$17,000	\$17,000	\$17,000	\$17,000	\$17,000	\$12,000	\$12,000	\$12,000	\$17,000	\$17,000	\$17,000 3,630	\$17,000 2,610	\$17,000 1,590	\$17,000 570	\$1,000 30				
						7,740	\$30,950	\$29,930	\$28,910	\$27,890	9,870 \$26,870	\$,850 \$25,850	7,980 \$19,980	7,260 \$19,260	\$18,540	\$22,678	\$21,650	\$20,630	\$19,610	\$18,590	\$17,570	\$1,030				
Deer Creek	1	\$20,000	6	July 1	Principal	\$2,500	\$2,500	\$2,500	\$2,500	\$2,500	\$2,500	\$2,500	\$2,500													
					Interest	\$3,100	975 \$3,475	\$3,325	\$3,175	\$3,025	\$2,875	\$2,725	\$2,575													
East Contra Costa	3	\$1,236,000																								\$154,200
Brentwood Knightsen	1	514,000 585,000	6 6	Jan. 1 July 1		26,000	\$26,000	\$26,000	\$26,000	\$10,280 \$32,000	\$10,280 \$32,000	\$15,420 33,000	\$15,420 33,000	\$20,560 39,000	\$20,560 39,000	\$20,560 39,000	\$20,560 39,000	\$25,700 45,000	\$25,700 46,000 11,000	\$25,700 52,000 11,000	\$25,700 52,000 13,000	\$30,840	\$30,840	\$30,840	\$30,840	154,200
Lone Tree		137,000	6	Jan. 1	Principal\$	26,000	\$26,000	\$31,000	6,000 \$32,000	7,000 \$49,280	\$50,280	\$56,420	8,000 \$56,420	\$67,560	9,000 \$68,560	10,000 \$69,560	10,000 \$69,560	10,000 \$80,700	\$82,700	\$88,700	\$90,700	\$43,840	\$30,840 12,953	\$30,840 11,102	\$30,840 9,252	
						37,080 63,080	\$97,820	\$100,960	\$100,040	\$114,543	\$112,526	\$115,311	\$111,926	\$119,192	\$116,079	\$112,905	\$108,732	\$115,210	\$112,278	\$113,136	\$109,694	\$59,423	\$43,793	\$41,942	\$40,092	
						- 5,000		+ J,000 1			,															

69	
Total bonds outstanding present issue, present issue, present of the control of t	
910,418	

TABLE VI—Continued

ANNUAL OBLIGATIONS OF CALIFORNIA IRRIGATION DISTRICTS, FROM 1931-1950 ON BONDS OUTSTANDING AFTER JANUARY 1, 1931, AND ALSO FACE VALUE OF BONDS MATURING SERIALLY AFTER 1950 (Totals for each district in bold face type)

	Number	Total bonds	Interest	Date on which		Payments in								I	ayments due a	annually from	1932 to 1950									Total bonds outstanding
Name of district	of bond issues	outstanding January 1, 1931	rate,	annual payments are due		1931 after January 1	1932	1933	1934	1935	1936	1937	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	present issue December 3: 1950
El Camino	1	\$423,000	6	Jan. 1																						\$179,00
					PrincipalInterest	²\$26,380	\$25,380	\$25,380	\$25,380	\$25,380	\$25,380	\$11,000 24,720	\$12,000 24,000	\$13,000 23,220	\$14,000 22,380	\$15,000	\$16,000 20,520	\$16,000 19,560	\$17,000	\$19,000 17,400	\$20,000 16,200	\$21,000	\$22,000	\$23,000 12,240	\$25,000 10,740	179,0
					Total due		\$25,380	\$25,380	\$25,380	\$25,380	\$25,380	\$35,720	\$36,000	\$36,220	\$36,380	\$36,480	\$36,520	\$35,560	18,540 \$35,540	\$36,400	\$36,200	\$35,940	\$35,620	\$35,240	\$35,740	
El Dorado	1	\$688,000	6	Jan. 1																						\$621,0
					PrincipalInterest	\$20,640	\$41,280	\$41,280	\$41,280	\$41,280	\$41,280	\$41,280	\$41,280	\$41,280	\$41,280	\$41,280	\$41,280	\$41,280	\$41,280	\$41,280	\$41,280	\$41,280	\$20,000 40,080	\$20,000 38,880	\$27,000 37,260	621,00
					Total due	\$20,640	\$41,280	\$41,280	\$41,280	\$41,280	\$41,280	\$41,280	\$41,280	\$41,280	\$41,280	\$41,280	\$41,280	\$41,280	\$41,280	\$41,280	\$41,280	\$41,280	\$60,080	\$58,880	\$64,260	
Fairoaks	1	\$116,000	6	July 1	PrincipalInterest	\$8,000 3,480	\$10,000 6,180	\$10,000 5,580	\$10,000 4,980	\$10,000 4,380	\$12,000 3,720	\$12,000 3,000	\$12,000 2,280	\$12,000 1,560	\$14,000	\$6,000 180										
					Total due		\$16,180	\$15,580	\$14,980	\$14,380	\$15,720	\$15,000	\$14,280	\$13,560	\$14,780	\$6,180										
resno	2	\$255,000			-																					
	$\frac{1}{2}$	222,000 33,000		Jan. 1 Jan. 1			\$222,000 33,000																			
					PrincipalInterest	\$7,650	\$255,000 15,300																			
					Total due		\$270,300																			
Henn-Colusa	2	\$1,551,500																								
	1 Ref.	1,266,500 285,000		Jan. 1 Jan. 1			\$113,350 	\$120,350	\$128,350	\$129,350 7,000	\$129,350 15,000	\$129,350 24,000	\$129,350 32,000	\$129,350 41,000	\$128,350 55,000	\$129,350 111,000	*		2							
					PrincipalInterest	\$46,545	\$113,350 86,289	\$120,350 79,068	\$128,350 71,367	\$136,350 63,186	\$144,350 54,525	\$153,350 45,324	\$161,350 35,643	\$170,350 25,422	\$183,350 14,421	\$240,350 14,421										
					Total due	\$46,545	\$199,639	\$199,418	\$199,717	\$199,536	\$198,875	\$198,674	\$196,993	\$195,772	\$197,771	\$254,771										
Grenada	1	\$240.000	6	July 1	Principal Interest	1\$96,000 271,120	\$16,000 8,160	\$16,000 7,200	\$16,000 6,240	\$16,000 5,280	\$16,000 4,320	\$16,000 3,360	\$16,000 2,400	\$16,000 1,440	\$16,000 480											•••••••
					Total due	\$167,120	\$24,160	\$23,200	\$22,240	\$21,280	\$20,320	\$19,360	\$18,400	\$17,440	\$16,480											
Hot Spring Valley	2	\$91,000			-																					
	1 2	40,000 51,000	6 6	Jan. 1 Jan. 1			\$8,000 3,000	\$8,000 4,000	\$8,000 4,0 00	\$8,000 5,000	\$8,000 5,000	\$10,000	\$10,000	\$10,000												
					Principal Interest	¹\$11,000 2,730	\$11,000 4,800	\$12,000 4,080	\$12,000 3,360	\$13,000 2,580	\$13,000 1,800	\$10,000 1,200	\$10,000 600	\$10,000 600											4	
					Total due	\$13,730	\$15,800	\$16,080	\$15,360	\$15,580	\$14,800	\$11,200	\$10,600	\$10,600											- 6	
Imperial	4	\$14,850,000 3,500,000		Top. 1							970 000	e70.000	\$105,000	\$105,000	\$140,000	2140,000	\$140,000	P140 000	\$175,000	e175 000	\$175,000	£175,000	\$210,000	\$210,000	\$210,000	\$4,562,00 1,260,00
	2 3	2,500,000 1,350,000	5 5½	Jan. 1 July 1 July 1 July 1		\$300,000	\$300,000	\$350,000	\$400,000		\$70,000	\$70,000	50,000	50,000	75,000	\$140,000 75,000	100,000	\$140,000 100,000	100,000	\$175,000 100,000	125,000	\$175,000 125,000	125,000	\$210,000 125,000	150,000	1,200,00
	4	7,500,000	6	July 1	Principal	\$300,000	\$300,000	\$350,000	\$400,000	\$422,000 \$422,000	377,000 \$447,000	396,000 \$466,000	\$13,000 \$468,000	327,000 \$482,000	279,000 \$494,000	292,000 \$507,000	292,000 \$532,000	\$20,000 \$560,000	\$579,000	\$609,000	\$633,000 \$633,000	\$673,000 \$673,000	\$718,000	\$668,000	\$680,000 \$680,000	2,102,00
					Interest	412,125	799,500	781,625	761,000	737,340	709,870	683,180	655,410	628,460	600,155	572,275	543,380	513,020	480,550	447,660	413,275	377,095	337,665	299,435	262,470	
acinto	1	\$168,000	6	Jan. 1	Total due	\$712,125	\$1,099,500	\$1,131,625	\$1,161,000		\$1,156,870	\$1,149,180	\$1,123,410	\$1,110,460	\$1,094,155		\$1,075,380	\$1,073,020	\$1,059,550	\$1,056,660	\$1,046,275	\$1,050,095	\$1,055,665	\$967,435	\$942,470	
					Principal	\$5,040	\$11,000 9,420	\$12,000 8,700	\$13,000 7,920	\$14,000 7,080	\$14,000 6,240	\$15,000 5,340	\$16,000 4,380	\$17,000 3,360	\$18,000 2,280	\$19,000 1,140	\$19,000 1,140									
mar.		***			Total due	\$5,040	\$20,420	\$20,700	\$20,920	\$21,080	\$20,240	\$20,340	\$20,380	\$20,360	\$20,280	\$20,140	\$20,140								10	
imes	1	\$995,000	6	Jan. 1	Principal Interest		\$50,000 45,000	\$50,000 42,000	\$50,000 39,000	\$50,000 36,000	\$50,000 33,000	\$50,000 30,000	\$50,000 27,000	\$50,000 24,000	\$50,000 21,000	\$50,000 18,000	\$50,000 15,000	\$50,000 12,000	\$50,000 9,000	\$50,000 6,000	\$50,000 3,000	\$50,000 3,000				
		1. 1			Total due		\$95,000	\$92,000			\$83,000		\$77,000	\$74,000							\$53,000					

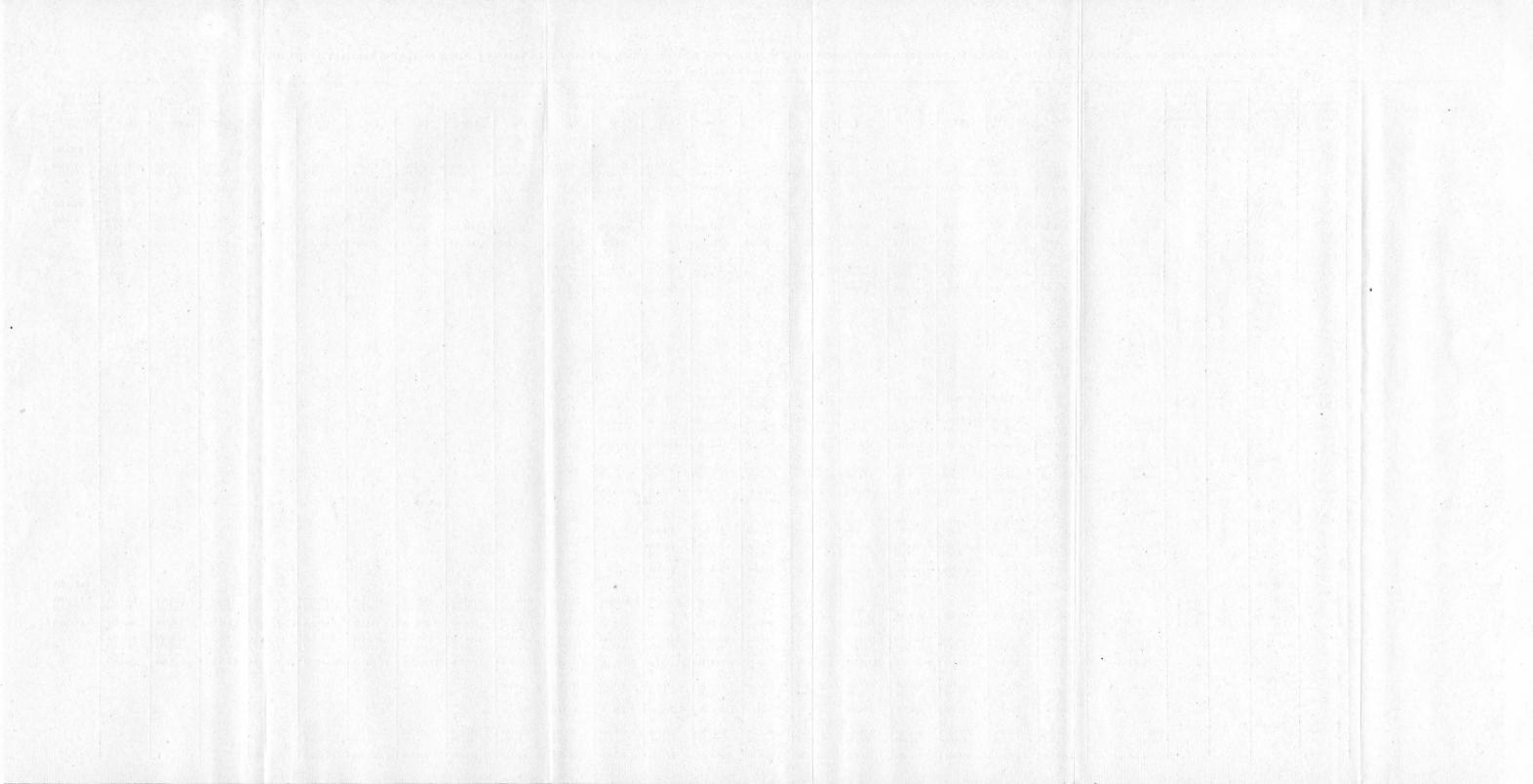


TABLE VI—Continued

ANNUAL OBLIGATIONS OF CALIFORNIA IRRIGATION DISTRICTS, FROM 1931-1950 ON BONDS OUTSTANDING AFTER JANUARY 1, 1931, AND ALSO FACE VALUE OF BONDS MATURING SERIALLY AFTER 1950

										(Totals	for each d	istrict in bo	old face typ	e)												
	Number	Total bonds	Interest	Date on which		Payments in									Payments d	ue annually fro	om 1932 to 195	0								Total bonds outstanding
Name of district	of bond issues	outstanding January 1, 1931	rate, per cent	annual payments are due		1931 after January 1	1932	1933	1934	1935	1936	1937	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	present issue, December 31, 1950
La Canada	2	\$328,000																								\$249,000
	1 2	154,000 174,000	5 5	July 1 July 1							\$3,000	\$3,000	\$4,000	\$4,000	\$4,000	\$4,000	\$5,000	\$5,000	\$5,000	\$5,000	\$6,000	\$6,000	\$6,000	\$6,000 3,000	\$7,000 3,000	81,000 168,000
					Principal Interest	\$8,200	\$16,400	\$16,400	\$16,400	\$16,400	\$3,000 16,325	\$3,000 16,175	\$4,000 16,000	\$4,000 15,800	\$4,000 15,600	\$4,000 15,400	\$5,000 15,175	\$5,000 14,925	\$5,000 14,675	\$5,000 14,425	\$6,000 14,150	\$6,000 13,850	\$6,000 13,550	\$9,000 13,175	\$10,000 12,700	
					Total due	-	\$16,400	\$16,400	\$16,400	\$16,400	\$19,325	\$19,175	\$20,000	\$19,800	\$19,600	\$19,400	\$20,175	\$19,925	\$19,675	\$19,425	\$20,150	\$19,850	\$19,550	\$22,175	\$22,700	
Laguna	1	\$53,000	6	July 1	Principal	\$26,500 1,590	\$26,500 1,590																			
					Total due	-	1,590 \$28,090																			
Lakeside	1	\$35.000	6	Jan. 1																	6					\$28,500
					PrincipalInterest	\$1,050	\$2,100	\$2,100	\$2,100	\$2,100	\$2,100	\$2,100	\$2,100	\$2,100	\$2,100	\$2,100	\$2,100	\$2,100	\$2,100	\$2,100	\$1,000 2,040	\$1,000 1,980	\$1,500 1,890	\$1,500 1,800	\$1,500 1,710	28,500
					Total due	\$1,050	\$2,100	\$2,100	\$2,100	\$2,100	\$2,100	\$2,100	\$2,100	\$2,100	\$2,100	\$2,100	\$2,100	\$2,100	\$2,100	\$2,100	\$3,040	\$2,980	\$3,390	\$3,300	\$3,210	
La Mesa, Lemon Grove and Spring Valley	2	\$2,056,000		T- 00						810 170	40.050		400 500	er 000												\$1,720,000
	2	56,000 2,000,000	6	June 30 Jan. 1						\$16,150	\$6,350	\$8,000	\$20,500	\$5,000							\$40,000	\$40,000	\$60,000	\$60,000	\$80,000	1,720,000
					PrincipalInterest	\$143,688	\$123,360	\$123,360	\$123,360	\$16,150 122,875	\$6,350 122,201	\$8,000 121,770	\$20,500 120,915	\$5,000 120,150	\$120,000	\$120,000	\$120,000	\$120,000	\$120,000	\$120,000	\$40,000 117,600	\$40,000 115,200	\$60,000 111,600	\$60,000 108,000	\$80,000 103,200	
T: 1 04 - 11		24 504 000			Total due	2\$143,688	\$123,360	\$123,360	\$123,360	\$139,025	\$128,551	\$129,770	\$141,415	\$125,150	\$120,000	\$120,000	\$120,000	\$120,000	\$120,000	\$120,000	\$157,600	\$155,200	. \$171,600	\$168,000	\$183,200	
Lindsay-Strathmore	1	\$1,561,000 1,316,000	6	July 1 Oct. 1		\$42,000	\$42,000	\$56,000	\$56,000	\$70,000	\$70,000	\$70,000	\$70,000	\$84,000	\$84,000	\$84,000	\$84,000	\$98,000	\$112,000	\$140,000	\$154,000					·
	2	245,000	6	Oct. 1	Principal	\$47,000	5,000 \$47,000	7,500 \$63,500	7,500 \$63,500	10,000	10,000 \$80,000	12,500 \$82,500	12,500 \$82,500	12,500	12,500	15,000 \$99,000	15,000 \$99,000	15,000 \$113,000	15,000 \$127,000	17,500 \$157,500	20,000 \$174,000	\$25,000 \$25,000	\$27,500 \$27,500			
					Interest	46,830	89,505	\$63,500 86,227	82,418	\$80,000 78,150	73,350	68,512	63,563	\$96,500 58,192	\$96,500 52,403	46,575	40,635	\$113,000 34,275	27,075	\$157,500 18,577	8,670	\$25,000 2,775	1,238			
Little Rock Creek	4	\$360,000			Total due	\$93,830	\$136,505	\$149,727	\$145,918	\$158,150	\$153,350	\$151,012	\$146,063	\$154,692	\$148,903	\$145,575	\$139,635	\$147,275	\$154,075	\$176,077	\$182,670	\$27,775	\$28,738			\$170,000
	3	60,000 200,000	5	Jan. 1 Jan. 1						\$3,000	\$3,000	\$3,000	\$3,000	\$3,000	\$3,000	\$3,000 4,000	\$3,000 4,000	\$3,000 6,000	\$3,000 6,000	\$3,000 8,000	\$3,000 8,000	\$3,000 8,000	\$3,000 8,000	\$3,000 10,000	\$3,000 10,000	12,000 128,000
	5 6	40,000 60,000	6 6	Jan. 1 Jan. 1			\$6,000	\$3,000	\$3,000	3,000	4,000	4,000	4,000	5,000	5,000	1,000 3,000	2,000 3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	30,000
					PrincipalInterest	\$42,000	1\$6,000 20,640	\$3,000 20,460	\$3,000 20,280	\$6,000 19,950	\$7,000 19,560	\$7,000 19,170	\$7,000 18,780	\$8,000 18,330	\$8,000 17,880	\$11,000 17,250	\$12,000 16,680	\$12,000 15,870	\$12,000 15,180	\$14,000 14,370	\$14,000 13,560	\$14,000 12,750	\$14,000 11,940	\$16,000 11,010	\$16,000 10,080	
					Total due	2\$42,000	\$26,640	\$23,460	\$23,280	\$25,950	\$26,560	\$26,170	\$25,780	\$26,330	\$25,880	\$28,250	\$28,680	\$27,870	\$27,180	\$28,370	\$27,560	\$26,750	\$25,940	\$27,010	\$26,080	
Maxwell	1	\$234,000	6	Jan. 1	Principal	401.070	1\$117,000	\$13,000	\$13,000	\$13,000	\$13,000	\$13,000	\$13,000	\$13,000 1,560	\$ 13,000	\$13,000										
					Total due	\$81,870 2\$81,870	7,020 \$124,020	\$19,240	\$18,460	\$17,680	\$16,900	3,120 \$16,120	2,340 \$15,340	\$14,560	\$13,780	\$13,780								1 - 4		
Merced	3	\$16,250,000																								\$11,980,000
	1 1st Div. 1 2d Div.	3,120,000 1,800,000	6 5½	Jan. 1 Jan. 1				\$60,000 	\$63,000	\$67,000	\$71,000	\$75,000	\$80,000	\$85,000	\$90,000	\$95,000	\$101,000	\$107,000	\$113,000	\$120,000	\$127,000	\$426,000	\$480,000	\$480,000	\$480,000	1,800,000 1,320,000
	1 3d Div. 1 4th Div. 2	3,250,000	5½ 6 6	Jan. 1 Jan. 1 Jan. 1								10,000	20,000	35,000	50,000	130,000	145,000	160,000	175,000	200,000	225,000					5,760,000 2,100,000
	3	1,000,000	5½	Jan. 1	Principal			\$60,000	\$63,000	\$67,000	\$71,000	\$85,000	\$100,000	\$120,000	\$140,000	\$225,000	\$246,000	\$267,000	\$288,000	\$320,000	\$352,000	\$426,000	\$480,000	\$480.000	\$480,000	1,000,000
			4		Interest	\$477,200	\$954,400	950,800	\$47,020	943,000	938,740	933,640	927,640	920,440	912,040	898,540	883,780	867,760	850,480	831,280	810,160	784,600	755,800	727,000	727,000	

Total due______ \$477,200 \$954,400 \$1,010,800 \$1,010,800 \$1,010,000

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TABLE VI—Continued

ANNUAL OBLIGATIONS OF CALIFORNIA IRRIGATION DISTRICTS, FROM 1931-1950 ON BONDS OUTSTANDING AFTER JANUARY 1, 1931, AND ALSO FACE VALUE OF BONDS MATURING SERIALLY AFTER 1950

							the parameter of			(Totals	for each d	strict in bo	ld face typ	e)												
	Number	Total bonds	Interest	Date on which	Payment	sin								I	Payments due	annually from	1932 to 1950									Total bond outstandin
Name of district	of bond issues	outstanding January 1, 1931	rate, per cent	annual payments are due	1931 afi January		1932	1933	1934	1935	1936	1937	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	December 3 1950
Modesto	13	\$4,182,881																								\$464,0
	1 Ref. 2 Ref. 3	509,081 209,800 178,000 49,000	5 5 5 5	Jan. 1 Jan. 1 July 1 Jan. 1	\$12,	500	\$45,826 15,100 14,000 2,500	\$49,325 16,600 16,000 3,000	\$52,826 14,600 17,500 3,500	\$52,325 15,600 17,000 3,000	\$52,826 16,100 22,000 4,500	\$47,825 16,600 22,000 5,000	\$47,326 16,600 25,000 5,500	\$50,825 16,600 32,000 6,500	\$51,826 16,100 7,500	\$51,325 16,100 8,000	\$6,826 16,600	\$16,600	\$16,600	#01 000	\$25,000	820 000	\$30,000	\$30,000	\$30,000	\$150,0
	5 6 7 8	500,000 110,000 1,180,000 181,600 150,000	6 6 6 6	July 1 July 1 July 1 July 1 July 1 July 1	3,	000 600 000	24,000 4,000 3,000	35,000 6,000 4,000	35,000 6,000 5,000	10,000 2,200 47,000 7,000 5,000	10,000 2,200 47,000 7,000 5,000	15,000 3,300 48,000 7,000 6,000	15,000 3,300 48,000 7,000 6,000	20,000 - 4,400 58,000 9,000 6,000	20,000 4,400 58,000 9,000 6,000	20,000 4,400 58,000 9,000 7,000	20,000 4,400 60,000 10,000 7,000	25,000 5,500 69,000 10,000 9,000	25,000 5,500 69,000 11,000 9,000	\$25,000 5,500 77,000 12,000 10,000	5,500 78,000 12,000 11,000	\$30,000 6,600 82,000 12,000 12,000	6,600 83,000 12,000 12,000	6,600 90,000 14,000 12,000	6,600 90,000 14,000 12,000	33,0
	10 11 12 13	190,000 298,400 129,000 498,000	6 6 5 5	July 1 July 1 July 1 July 1 July 1	4,	000 400	4,000 6,000	6,000 8,000	6,000 9,000 3,000	8,000 12,000 3,000	8,000 12,000 4,000	8,000 13,000 4,000	8,000 13,000 5,000	9,000 14,000 5,000	9,000 15,000 5,000	10,000 15,000 6,000	10,000 15,000 6,000	10,000 16,000 6,000	10,000 16,000 7,000 15,000	11,000 20,000 7,000 25,000	11,000 20,000 7,000 35,000	14,000 22,000 2,000 33,000	14,000 22,000 9,000 45,000	15,000 22,000 9,000 45,000	15,000 23,000 10,000 50,000	31,0 250,0
					Principal \$52, Interest 117,	500 592	\$118,426 227,468	\$143,925 220,272	\$152,426 212,213	\$182,125 203,088	\$190,626 192,795	\$195,725 182,278	\$199,726 171,389	\$231,325 159,397	\$201,826 147,322	\$204.825 136.331	\$155,826 127,307	\$167,100 117,709	\$184,100 108,309	\$192,500 96,949	\$204,500 85,409	\$213,600 73,251	\$233,600 60,280	\$243,600 46,504	\$250,600 32,248	
					Total due \$170,	092	\$345,894	\$364,197	\$364,639	\$385,213	\$383,421	\$378,003	\$371,115	\$390,722	\$349,148	\$341 156	\$283,133	\$284,809	\$292,409	\$289,449	\$289,909	\$286,851	\$293,880	\$290,104	\$282,848	#1 05E 0
Iontague	1	\$1,395,000	6	Jan. 1	Principal																	\$28,000	\$28,000	\$42,000	\$42,000	\$1,25 5 ,0
					Interest \$97, Total due 2\$97,		\$83,700	\$83,700	\$83,700	\$83,700	\$83,700 \$83,700	\$83,700 \$83,700	\$83,700 \$83,700	\$83,700 \$83,700	\$83,700	\$83,700	\$83,700	\$83,700	\$83,700	\$83,700	\$83,700	\$2,020 \$110,020	\$108,340 \$108,340	\$119,820	75,300 \$117,300	
Jaglee-Burk	1 Ref.	\$186,000	6	July 1																						\$120,0
					Principal \$5.	580	\$11,160	\$11,160	\$11,160	\$3,000 11,070	\$3,000 10,8\$0	\$3,000 10,710	\$3,000 10,530	\$4,000 10,320	\$4,000 10,080	\$4,000 9,840	\$4,000 9,420	\$4,000 9,360	\$4,000 9,120	\$5,000 8,850	\$5,000 8,550	\$5,000 8,250	\$5,000 7,950	\$5,000 7,650	\$5,000 7,350	120,0
Vevada	2	\$8,035,000			Total due \$5	580	\$11,160	\$11,160	\$11,160	\$14,070	\$13,890	\$13,710	\$13,530	\$14,320	\$14,080	\$13,840	\$13,420	\$13,360	\$13,120	\$13,850	\$13,550	\$13,250	\$12,950	\$12,650	\$12,350	\$5,137,0
	1 2	7,250,000 785,000	5½ 5½					\$25,000	\$50,000	\$100,000	\$150,000	\$150,000	\$150,000	\$150,000	\$175,000	\$175,000	\$175,000	\$175,000	\$175,000	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000 24,000	\$200,000 24,000	4,400,0 737,0
		1,00,000	0,2		Principal		\$441,925	\$25,000 441,238	\$50,000 439,175	\$100,000 435,050	\$150,000 428,175	\$150,000 419,925	\$150,000 411,675	\$150,000 403,425	\$175,000 394,487	\$175,000 384,863	\$175,000 375,237	\$175,000 265,613	\$175,000 355,987	\$200,000 345,675	\$200,000 334,675	\$200,000 323,675	\$200,000 312,675	\$224,000 301,015	\$224,000 288,695	
					Total due 2\$581,	-	\$441,925	\$466,238	\$489,175	\$535,050	\$578,175	\$569,925	\$561,675	\$553,425	\$569,487	\$559,863	\$550,237	\$540,613	\$530,987	\$545,675	\$534,675	\$523,675	\$512,675	\$525,015	\$512,695	
Newport Heights	1	\$160,000	6	Jan. 1	Principal											\$3,200	\$3,200	\$4,800	\$4,800	\$6,400	\$6,400	\$6,400	\$6,400	\$8,000	\$8,000	\$102,4 102,4
						800	\$9,600 \$9,600	\$9,600 \$9,600	\$9,600	\$9,600 \$9,600	\$9,600	\$9,600	\$9,600	\$9,600	\$9,600 \$9,600	9,408 \$12,608	9,216 \$12,416	\$,928 \$13,728	\$,640 \$13,440	8,256 \$14,656	7,872 \$14,272	7,488 \$13,888	7,104 \$13,504	\$14,624	6,144 \$14,144	
Newport Mesa	1	\$50,000	6	July 1	Total due \$4,	800		\$9,000	φ9,000	φθ,000	φυ,000 		φ3,000	φυ,000		ψ12,003					******					\$29,5
					Principal \$1,	500	\$3,000	\$3,000	\$3,000	\$3,000	\$3,000	\$3,000	\$3,000	\$3,000	\$1,000 2,970	\$1,000 2,910	\$1,500 2,835	\$1,500 2,745	\$2,000 2,640	\$2,000 2,520	\$2,000 2,400	\$2,000 2,280	\$2,500 2,145	\$2,500 1,995	\$2,500 1,845	29,5
					Total due \$1,	500	\$3,000	\$3,000	\$3,000	\$3,000	\$3,000	\$3,000	\$3,000	\$3,000	\$3,970	\$3,910	\$4,335	\$4,245	\$4,640	\$4,520	\$4,400	\$4,280	\$4,645	\$4,495	\$4,345 •	\$829,0
Dakdale	1	\$3,455,000 1,600,000	5	July 1	\$80,	000	\$96,000	\$112,000	\$128,000	\$144,000	\$160,000	\$176,000	\$208,000	\$240,000	\$256,000	#9.000	60,000	64.000							·	φο23,0
	2 3 5	400,000 400,000 1,055,000	5 6 5½	Jan. 1 July 1 Jan. 1			10,000	15,000	20,000	24,000 15,000	28,000 8,000 15,000	32,000 8,000 15,000	36,000 12,000 15,000	40,000 12,000 15,000	44,000 16,000 20,000	52,000 16,000 20,000	60,000 16,000 20,000	64,000 16,000 20,000	20,000 20,000	20,000 25,000	20,000 25,000	20,000 25,000	24,000 25,000	24,000 25,000	24,000 30,000	144,0 685,0
					Principal \$80, Interest 91,	000 013	\$106,000 175,075	\$127,000 169,050	\$163,000 161,225	\$183,000 152,400	\$211,000 142,335	\$231,000 131,030	\$271,000 118,205	\$307,000 103,460	\$336,000 86,920	\$88,000 75,860	\$96,000 70,800	\$100,000 68,740	\$40,000 63,360	\$45,000 60,785	\$45,000 58,210	\$45,000 55,635	\$49,000 52,940	\$49,000 50,125	\$54,000 47,035	
					Total due \$171,	013	\$281,075	\$296,050	\$324,225	\$335,400	\$353,335	\$362,030	\$389,205	\$410,460	\$422,920	\$163,860	\$166,800	\$168,740	\$103,360	\$105,785	\$103,210	\$100,635	\$101,940	\$99,125	\$101,035	0055
Oroville-Wyandotte	1	\$1,095,000	6	Jan. 1	Principal														\$40,000	\$40,000	\$60,000	\$60,000	\$80,000	\$80,000	\$80,000	\$655,0 655,0
			+		Interest \$32, Total due \$32,	000	\$65,700 \$65,700	\$65,700 \$65,700	\$65,700	\$65,700	\$65,700 \$65,700	\$65,700 \$65,700	\$65,700 \$65,700	\$65,700 \$65,700	\$65,700 \$65,700	\$65,700 \$65,700	\$65,700 \$65,700	\$65,700 \$65,700	\$103,300	\$100,900	\$117,300	\$113,700	\$128,900	\$124,100	\$119,300	

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TABLE VI—Continued

ANNUAL OBLIGATIONS OF CALIFORNIA IRRIGATION DISTRICTS, FROM 1931-1950 ON BONDS OUTSTANDING AFTER JANUARY 1, 1931, AND ALSO FACE VALUE OF BONDS MATURING SERIALLY AFTER 1950

	Number	Total bonds	Interest	Date on which		Payments in									Payments du	ie annually fro	m 1932 to 1950									Total bonds outstanding
Name of district	of bond issues	outstanding January 1, 1931	rate, per cent	annual payments are due		1931 after January 1	1932	1933	1934	1935	1936	1937	1938	1939	1940	. 1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	present issue, December 31, 1950
Owens Valley	1	\$471,500	5½	Jan. 1	Principal										\$23,000	\$23,000	\$34,500	\$34,500	\$46,000	\$46,000	\$46,000	\$46,000	\$57,500	\$57,500	\$57,500	
					Interest	\$12,966 \$12,966	\$25,932 \$25,932	\$25,933 \$25,933	\$25,932 \$25,932	\$25'933 \$25,933	\$25,932 \$25,932	\$25,933 \$25,933	\$25,932 \$25,932	\$25,933 \$25,933	24,675 \$47,675	\$46,403	\$56,00 5	\$54,107	\$63,078	\$60,547	\$58,018	9,487 \$55,487	\$63,825	\$60,663	\$60,662	
Palmdale	2	\$445,000			Total due	\$12,900		φ20,900	Φ20,932																	\$244,480
	1 2	382,000 63,000	6 6	Jan. 1 Jan. 1				\$4,000	\$5,000	\$6,000	\$7,000	\$8,000	\$8,000	\$9,000	\$10,000	\$7,640 3,000	\$7,640 3,000	\$11,460	\$11,460	\$15,280	\$15,280	\$15,280	\$15,280	\$19,100	\$19,100	244,480
					PrincipalInterest	\$173,550	\$26,700	\$4,000 26,460	\$5,000 26,160	\$6,000 25,800	\$7,000 25,380	\$8,000 24,900	\$8,000 24,420	\$9,000 23,880	\$10,000 23,280	\$10,640 22,642	\$10,640 22,003	\$11,460 21,316	\$11,460 20,628	\$15,280 19,711	\$15,280 18,794	\$15,280 17,878	\$15,280 16,961	\$19,100 15,815	\$19,100 14,669	
					Total due	²\$173,550	\$26,700	\$30,460	\$31,160	\$31,800	\$32,380	\$32,900	\$32,420	\$32,880	\$33,280	\$33,282	\$32,643	\$32,776	\$32,088	\$34,991	\$34,074	\$33,158	\$32,241	\$34,915	\$33,769	
Palo Verde		\$4,230,330		77.1. 1			e20 000	\$30,000	\$30,000	\$30,000	\$50,000															\$1,109,330
Mutual Water Co Levee District Levee District	1	200,000 933,951 308,379	6½ 6½ 6½	Feb. 1 May 1 Nov. 1		\$30,000 64,000 18,000	\$30,000 32,000 12,000	32,000 9,000	32,000 9,000	32,000 9,000	32,000 9,000	\$32,000 9,000	\$32,000 9,000	\$32,000 9,000 93,500	\$32,000 9,000 110,500	\$32,000 9,000 127,500	\$32,000 12,000 136,000	\$32,000 9,000	\$32,000 9,000	\$32,000 9,000	\$32,000 9,000	\$32,000 9,000	\$32,000 9,000	\$32,000 9,000	\$32,000 9,000	261,951 113,379
Drainage District Irrigation District Irrigation District	1 1 2 D C	850,000 1,725,000 213,000	6 6	Jan. 1 July 1 July 1				42,500	51,000	59,500	68,000	76,500 5,000 11,000	85,000 15,000 11,000	15,000 11,000	21,000 11,000	21,000 11,000	21,000 11,000	117,000 11,000	118,000 11,000	118,000 11,000	118,000 11,000	118,000 11,000	121,000 11,000	121,000 11,000	121,000 11,000	675,000 59,000
Ingation District					PrincipalInterest	1\$112,000 2 379,821	\$74,000 249,735	\$113,500 242,557	\$122,000 235,032	\$130,500 226,997	\$159,000 217,352	\$133,500 209,367	\$152,000 200,342	\$160,500 190,507	\$183,500 180,057	\$200,500 168,317	\$212,000 164,620	\$169,000 146,832	\$170,000 136,457	\$170,000 125,052	\$170,000 115,647	\$170,000 105,242	\$173,000 94,747	\$173,000 84,162	\$173,000 73,621	
					Total due	\$491,821	\$323,735	\$356,057	\$357,032	\$357,497	\$376,352	\$342,867	\$352,342	\$351,007	\$363,557	\$368,817	\$376,620	\$315,832	\$306,457	\$295,052	\$285,647	\$275,242	\$267,747	\$257,162	\$246,621	
Paradise	2	\$481,000		-									\$7,000	\$7,000	\$10,500	\$10,500	\$14,000	\$14,000	\$14,000	\$14,000	\$17,500	\$17.500	\$17,500	\$17,500	\$21,000	\$22 2,00 0
	1 2	350,000 131,000	6	May 1 July 1		\$2,000	\$2,000	\$2,000	\$2,000	\$3,000	\$3,000	\$3,000	3,000	3,000	3,000	4,000	3,000	5,000	5,000 \$19,000	6,000 \$20,000	6,000 \$23,500	5,000 \$22,500	5,000 \$22,500	6,000 \$23,500	6,000 \$27,000	54,000
					Principal Interest	\$2,000 14,430	\$2,000 28,680	\$2,000 28,560	\$2,000 28,440	\$3,000 28,290	\$3,000 28,110	\$3,000 27,930	\$10,000 27,470	\$10,000 26,870	\$13,500 26,130	\$14,500 25,290	\$17,000 24,310	\$19,000 23,230	22,090	20,920	19,580	18,200	16,850	15,470	13,920	
		\$97,000	51/2	July 1	Total due	\$16,430	\$30,680	\$30,560	\$30,440	\$31,290	\$31,110	\$30,930	\$37,470	\$36,870	\$39,630	\$39,790	\$41,310	\$42,230	\$41,090	\$40,920	\$43,080	\$40,700	\$39,350	\$38,970	\$40,920	\$7,000
Potter Valley		\$37,000	372	July 1	Principal		ar oor	\$5,000	\$5,000	\$5,000	\$5,000 4,372	\$5,000 4,098	\$5,000 3,822	\$5,000 3,548	\$5,000 3,272	\$5,000 2,998	\$5,000 2,722	\$5,000 2,448	\$5,000 2,172	\$5,000 1,898	\$5,000 1,622	\$5,000 1,348	\$5,000 1,072	\$5,000 798	\$5,000 522	7,000
					Total due	\$2,668	\$5,335 \$5,335	\$10,198	\$9,922	\$9,648	\$9,372	\$9,098	\$8,822	\$8,548	\$8,272	\$7,998	\$7,722	\$7,448	\$7,172	* \$6,898	\$6,622	\$6,348	\$6,072	\$5,798	\$5,522	
Princeton-Codora-Glenn	1	\$175,000	6	July 1																## 000	87.000	eo 750	\$8,750	\$8,750	\$8,750	\$9 4,50 0
					Principal Interest	\$5,250	\$10,500	\$10,500	\$10,500	\$10,500	\$10,500	\$10,500	\$10,500	\$3,500 10,395	\$3,500 10,185	\$5,250 9,922	\$5,250 9,608	\$7,000 9,240	\$7,000 8,820	\$7,000 8,400	\$7,000 7,980	\$8,750 7,507	6,983	6,457	5,933	
		61 004 000			Total due	\$5,250	\$10,500	\$10,500	\$10,500	\$10,500	\$10,500	\$10,500	\$10,500	\$13,895	\$13,685	\$15,172	\$14,858	\$16,240	\$15,820	\$15,400	\$14,980	\$16,257	\$15,733	\$15,207	\$14,683	Said Total
Provident	2 1	\$1,004,000 992,000	6	Aug. 15 July 1		\$37,000	\$28,000	\$31,000	\$34,000	\$37,000	\$40,000	\$43,000	\$46,000	\$49,000	\$51,000	\$54,000	\$57,000	\$60,000	\$63,000	\$66,000	\$69,000	\$72,000	\$75,000	\$80,000		
	2	12,000	6	July 1	Principal	1\$42,000	\$32,000	3,000 \$34,000	\$34,000	\$37,000	\$40,000	\$43,000	\$46,000	\$49,000	\$51,000	\$54,000	\$57,000	\$60,000	\$63,000	\$66,000	\$69,000	\$72,000 12,000	\$75,000 7,612	\$80,000 3,000		
					Total due	\$96,990	\$88,970 \$88,970	\$89,012	\$86,995	\$87,888	\$88,600	\$89,132	\$89,485	\$89,658	37,672 \$88,672	\$88,545	\$88,238	\$87,750	\$87,082	\$86,235	\$85,208	\$84,000	\$82,612	\$83,000		
Ramona	1	\$91,000	6	July 1																						\$82,000
					PrincipalInterest	\$2,730	\$5,460	\$5,460	\$5,460	\$5,460	\$5,460	\$5,460	\$5,460	\$5,460	\$5,460	\$5,460	\$5,460	\$5,460	\$5,460	\$5,460	\$5,460	\$1,500 5,415	\$1,500 5,325	\$3,000 5,190	\$3,000 5,010	82,000
			1		Total due	\$2,730	\$5,460	\$5,460	\$5,460	\$5,460	\$5,460	\$5,460	\$5,460	\$5,460	\$5,460	\$5,460	\$5,460	\$5,460	\$5,460	\$5,460	\$5,460	\$6,915	\$6,825	\$8,190	\$8,010	
Riverdale	1	\$50,000	6	July 1	PrincipalInterest	\$16,000 1,500	\$17,000 1,530	\$17,000 510																		
		1	1		Total due	\$17,500	\$18,530	\$17,510							1	•									1	

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TABLE VI—Continued

ANNUAL OBLIGATIONS OF CALIFORNIA IRRIGATION DISTRICTS, FROM 1931-1950 ON BONDS OUTSTANDING AFTER JANUARY 1, 1931, AND ALSO FACE VALUE OF BONDS MATURING SERIALLY AFTER 1950 (Totals for each district in bold face type)

		Total bonds outstanding	T	1	Promoted and the state of the s																					
Name of district	Number of bond		Interest rate.	Date on which annual		Payments in 1931 after		Payments due annually from 1932 to 1950														Total bonds outstanding				
	issues	January 1, 1931	per cent	payments are due		January 1	1932	1933	1934	1935	1936	1937	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	December 31, 1950
San Dieguito	1	\$389,000	6	Jan. 1	Principal		\$11,000	\$12,000	\$13,000	\$14,000	\$14,000	\$15,000	\$16,000	\$17,000	\$18,000	\$19,000	\$21,000	\$22,000	\$23,000	\$25,000	\$26,000	\$28,000	\$30,000	\$32,000	\$33,000	
					Total due	\$11,670	\$33,680	\$33,960	\$34,180	\$34,340	\$33,500	\$33,600	\$33,640	\$33,620	15,540	14,400	\$21,000 13,140	\$22,000 11,820	10,440	8,940	\$26,000 7,380	5,700	3,900	1,980	1,980	
Santa Fe	1	\$700,000	6	July 1	Total due				ф0 1 ,100	φυτ,υτυ			499,040	фээ,020	\$33,540	\$33,400	\$34,140	\$33,820	\$33,440	\$33,940	\$33,380	\$33,700	\$33,900	\$33,980	\$34,980	\$112,000
					PrincipalInterest	\$21,000	\$42,000	\$19,000 41,430	\$20,000 40,260	\$20,000 39,060	\$23,000 37,770	\$24,000 36,360	\$26,000 34,860	\$27,000 33,270	\$29,000 31,590	\$30,000 29,820	\$32,000 27,960	\$34,000 25,980	\$36,000 23,880	\$39,000 21,630	\$40,000 19,260	\$43,000 16,770	\$46,000 14,100	49,000 11,250	\$51,000 8,250	112,000
					Total due	\$21,000	\$42,000	\$60,430	\$60,260	\$59,060	\$60,770	\$60,360	\$60,860	\$60,270	\$60,590	\$59,820	\$59,960	\$59,980	\$59,880	\$60,630	\$59,250	\$59,770	\$60,100	\$60,250	\$59,250	
San Ysidro	1	\$25,000	5	Jan. 1	Principal		\$1,250	\$1,250	\$1,250 1,187	\$1,500 1,113	\$1,750 1,025	\$2,000 925	\$2,250	\$2,500	\$2,750	\$3,250	\$3,750	\$4,000								
*					Total due	\$625 \$625	\$1,250	\$1,250	\$2,437	\$2,613	\$2,775	\$2,925	\$3,063	\$3,187	\$3,300	\$3,637	\$3,950	\$4,200					7 -			
Scott Valley	1	\$69,000	6	July 1	Principal	\$9,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000														
			1111		Interest		\$13,300 \$13,300	\$12,700	\$12,100	1,500 \$11,500	\$10,900	\$10,300														
Serrano	1	\$200,000	6	July 1		41,010																				\$46,000
					PrincipalInterest	\$6,000	\$12,000	\$12,000	\$4,000 11,880	\$4,000 11,640	\$6,000 11,340	\$6,000 10,980	\$8,000 10,560	\$8,000 10,080	\$8,000 9,600	\$8,000 9,120	\$10,000 8,580	\$10,000 7,980	\$10,000 7,380	\$10,000 6,780	\$12,000 6,120	\$12,000 5,400	\$12,000 4,680	\$12,000 3,960	\$14,000 3,180	46,000
					Total due	\$6,000	\$12,000	\$12,000	\$15,880	\$15,640	\$17,340	\$16,980	\$18,560	\$18,080	\$17,600	\$17,120	\$18,580	\$17,980	\$17,380	\$16,780	\$18,120	\$17,400	\$16,680	\$15,960	\$17,180	
South Montebello	1	\$87,500	6	Jan. 1	Principal	#0.00F	\$6,000 4,890	\$6,500 4,500	\$6,000 4,140	\$6,500 3,750	\$6,000 3,390	\$6,500 3,000	\$6,000	\$6,500	\$6,000	\$6,500	\$6,000	\$6,500	\$6,000	\$6,500						
					Total due	\$2,625	\$10,890	\$11,000	\$10,140	\$10,250	\$9,390	\$9,500	\$8,640	\$8,750	1,890 \$7,890	\$8,000	\$7,140	750 \$7,250	\$6,390	\$6,890						
South San Joaquin	6	\$5,940,000																, , , , , , , , , , , , , , , , , , ,								\$1,409,000
	1 2 3	1,875,000 1,170,000 790,000 500,000	. 5	July 1 April 18 July 1 July 1 July 1 July 1		-	\$112,500	\$131,250	\$150,000 58,500 39,500	\$168,750 70,200 47,400	\$187,500 81,900 55,300	\$206,250 93,600 63,200	\$243,750 105,300 71,100	\$281,250 117,000 79,000	\$300,000 128,700 86,900 10,000	\$152,100 102,700 10,000	\$175,500 118,500 15,000	\$187,200 126,400	***************************************	****						
	5 6	550,000 1,055,000	51	July 1 Jan. 1			10,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	20,000	20,000	20,000	20,000	\$20,000 11,000 20,000	\$20,000 11,000 25,000	\$20,000 16,500 25,000	\$20,000 16,500 25,000	\$25,000 22,000 25,000	\$25,000 22,000 25,000	\$25,000 22,000 30,000	295,000 429,000 685,000
					Principal	\$93,750 151,125	\$122,500 294,250	\$146,250 287,406	\$263,000 276,590	\$301,350 262,364	\$339,700 246,221	\$378,050 228,160	\$435,150 207,713	\$492,250 184,411	\$545,600 158,198	\$284,800 137,154	\$329,000 121,513	\$348,600 104,381	\$51,000 96,148	\$56,000 93,193	\$61,500 90,086	\$61,500 86,829	\$72,000 83,282	\$72,000 79,448	\$77,000 75,363	
					Total due	<u> </u>	\$416,750	\$433,656	\$539,590	\$563,714	\$585,921	\$606,210	\$642,863	\$676,661	\$703,798	\$421,954	\$450,513	\$452,981	\$147,148	\$149,193	\$151,586	\$148,329	\$155,282	\$151,448	\$152,363	
Stinson	1	\$360,000	6	Jan. 1	Principal		\$14,400	\$10,800	\$10,800	\$14,400	\$14,400	\$14,400	\$14,400	\$18,000	\$18,000	\$18,000	\$18,000	\$21,600	\$21,600	\$21,600	\$21,600	\$25,200	\$25,200	\$28,800	\$28,800	
					Total due	\$45,012 2\$45,012	\$35,136	\$30,888	\$30,240	\$32,976	\$32,112	\$31,248	\$30,384	\$32,904	\$31,824 \$31,824	30,774	\$29,664	\$31,968	\$30,672	\$29,376	\$28,080	\$30,168	3,456 \$28,656	\$30,528	\$30,528	
Table Mountain	2	\$187,000																								\$152,000
	1 2	125,000 62,000		July 1 Jan. 1		The second secon													\$3,000	\$3,000	\$4,000	\$4,000	\$5,000 2,000	\$5,000 2,000	\$5,000 2,000	96,000 56,000
					Principal	\$11,110	\$11,220	\$11,220	\$11,220	\$11,220	\$11,220	\$11,220	\$11,220	\$11,220	\$11,220	\$ 11,220	\$11,220	\$11,220	\$3,000 11,130	\$3,000 10,950	\$4,000 10,740	\$4,000 10,500	\$7,000 10,110	\$7,000 9,690	\$7,000 9,270	
					Total due		\$11,220	\$11,220	\$11,220	\$ 11,220	\$11,220	\$11,220	\$11,220	\$11,220	\$11,220	\$11,220	\$11,220	\$11,220	\$14,130	\$13,950	\$14,740	\$14,500	\$17,110	\$16,690	\$16,270	
Terra Bella	1	\$875,500	6	Nov. 1	Principal Interest	*\$32,500 26,265	\$25,000 50,330	\$40,000 48,680	\$40,000 46,280	\$45,000 43,830	\$50,000 41,080	\$30,000 38,280	\$50,000 36,280	\$59,000 33,190	\$60,000	\$35,000	\$57,000	\$70,000	\$79,000	\$93,000	\$110,000					
					Total due		\$75,330	\$88,680	\$86,280	\$88,830	\$91,080	\$68,280	\$86,280	\$92,190	29,640 \$89,640	\$61,290	\$80,970	\$90,420	\$95,130	\$104,250	\$115,500					

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TABLE VI—Continued

ANNUAL OBLIGATIONS OF CALIFORNIA IRRIGATION DISTRICTS, FROM 1931-1950 ON BONDS OUTSTANDING AFTER JANUARY 1, 1931, AND ALSO FACE VALUE OF BONDS MATURING SERIALLY AFTER 1950

(Totals for each district in bold face type)

	Number	Total bonds	Interest	Date on which	P	ayments in									Payments due	annually from	1932 to 1950									Total bond outstandin
Name of district	of bond issues	outstanding January 1, 1931	rate, per cent	annual payments are due		1931 after January 1	1932	1933	1934	1935	1936	1937	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	present issu December 3 1950
Thermalito	2	\$320,000																								\$107,00
	1 2	270,000 50,000	6	Jan. 1 Jan. 1					\$5,000	\$6,000	\$8,000	\$8,000	\$11,000	\$11,000	\$11,000	\$11,000	\$13,000	\$14,000	\$13,000	\$14,000	\$16,000	\$16,000 1,000	\$16,000 1,000	\$16,000 1,000	\$19,000 2,000	62,00 45,00
		00,000			Principal				\$5,000	\$6,000	\$8,000	\$8,000	\$11,000	\$11,000	\$11,000	\$11,000	\$13,000	\$14,000	\$13,000	\$14,000	\$16,000	\$17,000	\$17,000	\$17,000	\$21,000	10,00
					Total due	\$9,600 \$9,600	\$19,200 \$19,200	\$19,200 \$19,200	\$23,900	18,540 \$24,540	\$26,060	\$25,580	\$27,920	\$27,260	\$26,600	\$25,940	\$27,160	\$27,320	\$25,540	\$25,700	\$26,740	9,720 \$26,720	\$25,700	7,680 \$24,680	\$27,420	
racy-Clover	1	\$52,170	6	Jan. 1																						\$28,0
					PrincipalInterest	\$1,565	\$3,120	\$3,120	\$3,120	\$3,120	\$3,120	\$3,120	\$3,120	\$2,170 3,000	\$2,000 28,880	\$2,000 2,760	\$2,000 2,640	\$2,000 2,520	\$2,000 2,400	\$2,000 2,280	\$2,000 2,160	\$2,000 2,040	\$2,000 1,920	\$2,000 1,800	\$2,000 1,680	24,1
					Total due	\$1,565	\$3,120	\$3,120	\$3,120	\$3,120	\$3,120	\$3,120	\$3,120	\$5,170	\$4,880	\$4,760	\$4,640	\$4,520	\$4,400	\$4,280	\$4,160	\$4,040	\$3,920	\$3,800		
'ranquillity	1	\$250,000	51/2	Jan. 1																						\$81,0
					Principal Interest	\$20,625	1\$6,000 13,420	\$3,000 13,255	\$4,000 13,035	\$4,000 12,815	\$4,000 12,595	\$5,000 12,320	\$6,000 11,990	\$6,000 11,660	\$7,000 11,275	\$8,000 10,835	\$9,000 10,340	\$10,000 9,790	\$11,000 9,185	\$12,000 8,525	\$13,000 7,810	\$14,000 7,040	\$15,000 6,215	\$16,000 5,335	\$16,000 4,455	
		***************************************			Total due	2\$20,625	\$19,420	\$16,255	\$17,035	\$16,815	\$16,595	\$17,320	\$17,990	\$17,660	\$18,275	\$18,835	\$19,340	\$19,790	\$20,185	\$20,525	\$20,810	\$21,040	\$21,215	\$21,335	\$20,455	
Cule	1	\$806,000	0	Jan. 1	Principal	\$296,720	1\$172,000 38,040	\$42,000 35,520	\$45,000 32,840	\$48,000 29,940	\$51,000 26,880	\$54,000 23,640	\$57,000 20,220	\$60,000 16,620	\$64,000 12,780	\$68,000 8,700	\$72,000 4,380	\$73,000 4,380								
					Total due	2\$296,720	\$210,040	\$77,520	\$77,840	\$77,940	\$77,880	\$77,640	\$77,220	\$76,620	\$76,780	\$76,700	\$76,380	\$77,380								
'urlock		\$6,929 900																								\$757,4
	1 Ref.	556,000 109,900 100,000	5 5 5	Jan. 1 Jan. 1 July 1		\$5,000	\$60,000 22,000 6,000	\$60,000 26,000 7,000	\$60,000 30,000 8,000	\$60,000 31,900 9,000	\$60,000	\$60,000 11,000	\$60,000	\$60,000 15,000	\$60,000 16,000	\$60,000						, .				
	3 4	1,206,000 2,570,000	5	Jan. 1 July 1			60,300	72,360	84,420	96,480	108,540 20,000	120,600 20,000	132,660 20,000	156,780 10,000	180,900 1,000	192,960 43,000	\$204,000	\$210,000	\$217,000	\$220,000	\$235,000	\$246,000	\$158,000	\$271,000	\$288,000	
	6 7	1,028,000 510,000 250,000	5½ 5	July 1 July 1 Jan. 1			50,000	50,000	50,000	50,000	10,000	9,000	7,000	4,000	1,000	10,000 10,200	72,000 10,200	76,000 15,300	85,000 15,300	94,000 20,400	97,000 20,400	105,000 20,400	107,000 20,400	110,000 25,500	117,000 25,500	
	8	600,000	5	July 1			25,000 \$223,300	25,000 \$240,360	25,000 \$257,420	25,000 \$272,380	25,000 \$283,540	25,000 \$245,600	50,000 \$282,660	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	2071 400	2007 400	2402 500		
					PrincipalInterest	\$5,000 192,513	374,385	362,392	349,546	337,547	324,900	309,825	296,037	\$295,780 280,768	\$308,900 264,968	\$322,160 260,138	\$336,200 236,759	\$351,300 216,697	\$367,300 - 195,716	\$384,400 173,754	\$402,400 150,752	\$371,400 127,890	\$385,400 105,288	\$406,500 81,646	\$430,500 56,663	
Vandalia		\$186,900	6	Jan. 1	Total due	\$197,513	\$597,685	\$602,752	\$606,966	\$609,927	\$608,440	\$555,425	\$578,697	\$576,548	\$573,868	\$582,298	\$572,959	\$567,997	\$563,016	\$558,154	\$553,152	\$499,290	\$490,688	\$488,146	\$487,163	
Vandalia		\$100,000	· ·	Van. 1	Principal	\$5,607	\$7,350 10,773	\$7,350 10,332	\$8,400 9,828	\$8,400 9,324	\$9,450 8,757	\$9,450 8,190	\$10,500 7,560	\$10,500 6,930	\$11,550 6,237	\$12,600 5,481	\$12,600 4,725	\$13,650 3,906	\$14,700 3,024	\$15,750 2,079	\$16,800 1,071	\$17,850 1,071				
	+				Total due	\$5,607	\$18,123	\$17,682	\$18,228	\$17,724	\$18,207	\$17,640	\$18,060	\$17,430	\$17,787	\$18,081	\$17,325	\$17,556	\$17,724	\$17,829	\$17,871	\$18,921				
Vista	1	\$1,700,000	6	Jan. 1	District																**************		****			\$1,462,0
					PrincipalInterest	\$51,000	\$102,000	\$102,000	\$102,000	\$102,000	\$102,000	\$102,000	\$102,000	\$102,000	\$102,000	\$102,000	\$102,000	\$102,000	\$102,000	\$102,000	\$34,000 99,960	\$34,000 97,920	\$51,000 94,860	\$51,000 91,800	\$68,000 87,720	
Votorford		\$627.050			Total due	\$51,000	\$102,000	\$102,000	\$102,000	\$102,000	\$102,000	\$102,000	\$102,000	\$102,000	\$102,000	\$102,000	\$102,000	\$102,000	\$102,000	\$102,000	\$133,960	\$131,920	\$145,860	\$142,800	\$155,720	
Waterford	1	\$637,050 446,400	6	Oct. 1		\$13,950	\$13,950	\$18,600	\$18,600	\$23,250	\$25,575	\$25,575	\$27,900	\$27,900	\$27,900	\$27,900	\$27,900	\$32,550 15,375	\$37,200	\$46,500	\$51,150					
	2	190,650	51/2	July 1	Principal	5,125 \$19,075	5,125 \$19,075	6,150 \$24,750	\$,200 \$26,800	\$10,250 \$33,500	12,300 \$37,875	12,300 \$37.875	12,300 \$40,200	13,325 \$41,225	14,350 \$42,250	14,350 \$42,250	14,350 \$42,250	15,375 \$47,925	15,375 \$52,575	15,375 \$61,875	16,400 \$67,550					
					Interest	18,635	35,801	34,584	33,073	31,380	29,330	27,119	24,873	22,495	20,060	17,596	15,133	12,572	9,703	6,486	2,753					

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TABLE VI-Continued

ANNUAL OBLIGATIONS OF CALIFORNIA IRRIGATION DISTRICTS, FROM 1931-1950 ON BONDS OUTSTANDING AFTER JANUARY 1, 1931, AND ALSO FACE VALUE OF BONDS MATURING SERIALLY AFTER 1950 (Totals for each district in bold face type)

N C. N. A.L.A	Number	Total bonds	Interest	Date on which		Payments in									Payments du	e annually from	n 1932 to 1950									Total bon- outstandir
Name of district	of bond issues	outstanding January 1, 1931	rate, per cent	annual payments are due		1931 after January 1	1932	1933	1934	1935	1936	1937	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	present iss December : 1950
West Side	4	\$528,500																								\$208,
	1 2	295,000 100,000	6	Jan. 1 July 1									\$5,900	\$5,900 2,000	\$8,850 2,000	\$8,850 3,000	\$11,800 3,000	\$11,800 4,000	\$1,800 4,000	\$11,800 4,000	\$14,750 4,000	\$14,750 5,000	\$14,750 5,000	\$14,750	\$17,700	141,
	3 4	120,000 13,500	6	Jan. 1 Jan. 1			\$15,000	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000	15,000	15,000		5,000		4,000		4,000	4,000	9,000	5,000	5,000	5,000 1,000	
					PrincipalInterest	\$15,855	\$15,000 30,810	\$15,000 29,910	\$15,000 29,010	\$15,000 28,110	\$15,000 27,210	\$15,000 26,310	\$20,900 25,056	\$22,900 24,642	\$10,850 23,091	\$11,850 22,410	\$14,800 21,522	\$15,800 20,604	\$15,800 19,656	\$15,800 18,708	\$18,750 17,583	\$19,750 16,428	\$19,750 15,243	\$19,750 14,058	\$23,700 12,636	
					Total due	\$15,855	\$45,810	\$44,910	\$44,010	\$43,110	\$42,210	\$41,310	\$45,956	\$47,542	\$33,941	\$34,260	\$36,322	\$36,404	\$35,456	\$34,508	\$36,333	\$36,178	\$34,993	\$33,808	\$36,336	_
West Stanislaus	1	\$1,175,000	6	July 1																						\$585,
					PrincipalInterest		\$10,000 70,200	\$10,000 69,600	\$10,000 69,000	\$12,000 68,340	\$12,000 67,620	\$20,000 66,660	\$20,000 65,460	\$20,000 64,260	\$25,000 62,910	\$25,000 61,410	\$30,000 59,760	\$30,000 57,960	\$35,000 56,010	\$35,000 53,910	\$35,000 51,810	\$50,000 49,260	\$61,000 45,930	\$70,000 42,000	\$80,000 37,500	585,0
oriu:					Total due	\$35,250	\$80,200	\$79,600	\$79,000	\$80,340	\$79,620	\$86,660	\$85,460	\$84,260	\$87,910	\$86,410	\$89,760	\$87,960	\$91,010	\$88,910	\$86,810	\$99,260	\$106,930	\$112,000	\$117,500	-
Villiams	1	\$569,000 58,000	6	Jan. 1			\$41,000	\$7,000	\$4,000	\$6,000	4															\$325
	2 1 Ref. 2 2d Div.	379,000 115,000	6	Jan. 1 Jan. 1		A STATE OF THE PARTY OF THE PAR											\$15,000	\$15,000	\$15,000	\$20,000	\$20,000	\$20,000	\$25,000	\$25,000	\$25,000	199 115 11,
	3	17,000	6	Jan. 1	Principal		1\$41,000	\$7,000	\$4,000	\$6,000							\$15,000	\$15,000	\$15,000	1,000	1,000	1,000	1,000	1,000	1,000	
					Interest	\$107,200	31,680	31,260	31,020	30,660	\$30,660	\$30,660	\$30,660	\$30,660	\$30,660	\$30,660	29,760	28,860	27,960	\$21,000 26,700	\$21,000 25,440	\$21,000 24,180	\$26,000 22,620	\$26,000 21,060	\$26,000 19,500	
Woodbridge	1	\$315,000	5½	Jan. 1	Total due		\$72,680	\$38,260	\$35,020	\$36,660	\$30,660	\$30,660	\$30,660	\$30,660	\$30,660	\$30,660	\$44,760	\$43,860	\$42,960	\$47,700	\$46,440	\$45,180	\$48,620	\$47,060	\$45,500	3 3
					PrincipalInterest		\$5,000 17,050	\$10,000 16,500	\$10,000 15,950	\$10,000 15,400	\$10,000 14,850	\$10,000 14,300	\$10,000 13,750	\$10,000 13,200	\$10,000 12,650	\$10,000	\$10,000	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000 7,425	\$15,000	\$20,000	\$20,000	
					Total due		\$22,050	\$26,500	\$25,950	\$25,400	\$24,850	\$24,300	\$23,750	\$23,200	\$22,650	\$22,100	\$21,550	10,725 \$25,725	9,900 \$24,900	9,075 \$24,075	\$23,250	\$22,425	\$21,600	\$25,500	\$24,400	_
		\$96,491,591				\$6,374,363	\$7,676.521	\$7,369,277	\$7,388,925	\$7,541,902	\$7,597,156	\$7,526,215	\$7,614,412	\$7,675,397	\$7,674,739	\$7,189,762	\$6,909,957	\$6,824,422	\$6,340,469	\$6,353,725	\$6,423,289	\$5,963,931	\$5,973,877	\$5,816,463	\$5,711,002	-
Buena Vista Water Storage	1	\$942,731	6	July 1																					44,111,002	\$676,
					Principal Interest	\$28,282	\$56,564	\$56,564	\$56,564	\$9,731 56,272	\$9,500 55,695	\$9,500 55,125	\$9,500 54,555	\$9,500 53,985	\$9,500 53,415	\$9,500 52,845	\$9,500 52,275	\$9,500 51,705	\$9,500 51,135	\$28,500 49,995	\$28,500 48,285	\$28,500 46,575	\$28,500 44,865	\$28,500 43,155	\$28,500 41,445	676,
					Total due	\$28,282	\$56,564	\$56,564	\$56,564	\$66,003	\$65,195	\$64,625	\$64,055	\$63,485	\$62,915	\$62,345	\$61,775	\$61,205	\$60,635	\$78,495	\$76,785	\$75,075	\$73,365	\$71,655	\$69,945	-
Totals		\$97,434,322				\$6,402.645	\$7,232 535	\$7,425,841	\$7,445,489	\$7,607,905	\$7,662,351	\$7,590,840	\$7,678.467	\$7,738,882	\$7,737,654	\$7,252,107	\$6,971,732	\$6,885,627	\$6,401,104	\$6,432,220	\$6,500,074	\$6,039,006	\$6,047,242	\$5,888,118	\$5,780,947	=====

¹ Includes bond maturities in default. ² Includes bond interest in default.

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TABLE VII BOND OBLIGATIONS PER ACRE OF CALIFORNIA IRRIGATION DISTRICTS JANUARY 1, 1931

		Estimat	ed area	Bonds	Bonds outstan	ding per acre
District	Year formed	Gross acres	Irrigable acres	outstanding, total	Gross area	Irrigable area
Alpaugh	1915 1888 1914 1921 1917	8,133 129,300 32,000 15,624 9,336	8,132 112,600 28,064 15,156 8,636	\$254,700 229,500 1,150,000 1,137,060 511,000	\$31 32 1 77 35 94 72 78 54 73	\$31 32 2 04 40 98 75 02 59 17
Beaumont	1919 1927 1920 1919 1924	4,141 3,611 28,686 17,200 4,089	3,161 2,546 17,500 12,544 2,658	254,000 63,000 594,000 596,000 179,000	61 34 17 45 20 71 34 65 43 78	80 35 24 75 33 94 47 51 67 34
Carmichael Carpenter Citrus Heights Compton-Delevan Consolidated	1916 1927 1920 1920 1921	3,138 $1,328$ $3,158$ $12,652$ $149,047$	3,038 1,320 3,066 11,500 145,757	96,600 200,000 183,000 384,000 235,000	30 78 150 60 57 95 30 35 1 58	31 80 151 52 59 69 33 39 1 61
Corcoran	1919 1919 1926 1926 1921	51,606 5,461 1,907 20,200 7,549	51,000 5,421 1,663 19,760 7,549	750,000 258,000 20,000 1,236,000 423,000	14 53 47 24 10 49 61 19 56 03	14 71 47 59 12 03 62 55 56 03
El Dorado Fair Oaks Fresno Glenn-Colusa Grenada Grenada	1925 1917 1920 1920 1921	30,000 3,900 243,100 122,032 4,948	19,905 3,400 239,080 119,021 3,510	688,000 116,000 255,000 1,551,500 240,000	22 93 29 74 1 05 12 71 48 50	34 56 34 12 1 07 13 03 68 38
Hot Spring Valley	1919 1911 1917 1920 1924	$\begin{array}{c} 9,497 \\ 612,200 \\ 11,554 \\ 26,266 \\ 1,294 \end{array}$	9,000 522,200 11,496 18,266 1,239	102,000 14,850,000 168,000 995,000 328,000	10 74 24 26 14 54 37 88 253 48	11 33 28 44 14 61 54 47 264 73
LagunaLakeside. La Mesa, Lemon Grove, Spring Valley- Lindsay-Strathmore. Littlerock Creek.	1920	34,858 320 19,245 15,246 3,073	30,000 288 13,550 14,540 2,877	53,000 35,000 2,056,000 1,561,000 360,000	1 52 109 38 106 83 102 39 117 50	1 77 121 53 151 73 107 36 125 13
Maxwell	1918	8,820 190,025 81,203 26,117 2,871	6,000 171,709 78,778 18,531 2,846	234,000 16,250,000 4,183,381 1,395,000 186,000	26 53 85 52 51 52 53 41 64 79	39 00 94 64 53 10 75 28 65 38
Newada	1921	266,000 1,503 694 74,240 24,100	164,000 1,503 400 66,800 22,300	8,035,000 160,000 50,000 3,455,000 1,095,000	30 21 106 45 72 05 46 54 45 44	48 99 106 48 125 00 51 73 49 10
Palmdale	1918 1923	4,756 88,693 11,260 5,042 13,656	4,698 70,000 9,836 4,195 12,290	445,000 4,230,330 481,000 97,000 175,000	93 57 47 61 42 72 19 24 12 81	94 72 60 43 48 90 23 12 14 24
Provident	1918 1925 1920 1922	22,805 660 15,830 3,900 10,106	21,000 594 14,800 3,700 6,980	1,004,000 91,000 50,000 389,000 700,000	99 74	47 8 153 20 3 3 105 1 100 2
San Ysidro Scott Valley Serrano South Montebello South San Joaquin	1911 1917 1927	502 5,125 1,499 827 71,112	462 4,000 1,319 827 66,465	25,000 69,000 200,000 87,500 5,940,000	13 46 133 42 105 80	54 1 17 2- 151 6 105 8 89 3

TABLE VII—Continued BOND OBLIGATIONS PER ACRE OF CALIFORNIA IRRIGATION DISTRICTS JANUARY 1, 1931

		Estima	ted area	Bonds	Bonds outstar	nding per acre
District	Year formed	Gross acres	Irrigable acres	outstanding, total	Gross area	Irrigable area
Stinson	1921	11,150	11,000	\$360,000	\$32 29	\$32 73
Table Mountain	1922	1,955	1,780	187,000	95 65	105 06
Terra Bella	1915	12,285	12,070	875,500	71 27	72 54
Thermalito	1922	3,110	2,940	320,000	102 89	108 84
Tracy-Clover	1922	1,084	1,034	52,170	48 13	49 49
Tranquillity	1918	10,750	10,190	250,000	23 26	24 53
Tule	1920	15,015	9,795	806,000	53 68	82 29
Turlock	1887	181,556	179,278	6,929,900	38 17	38 65
Vandalia	1923	1,276	1,253	186,900	146 47	
Vista	1923	18,162	14,610	1,700,000	93 60	149 62 116 36
Waterford	1913	14,110	11,424	637,050	45 15	55 76
West Side	1915	11,828	11,811	528,500	44 68	44 75
West Stanislaus	1920	22,137	22,000	1.175,000	53 08	53 41
Williams	1920	9,009	8,000	569,000	63 16	71 13
Woodbridge	1924	14,164	13,566	315,000	22 24	23 22
Totals and averages		2,904,636	2,534,227	\$96,031,591	\$33 06	\$37 89
Buena Vista Water Storage District	1928	78,596	50,400	942,731	11 99	18 70
Totals and averages		2,983,232	2,584,627	\$96,974,322	\$32 51	\$37 52

 $Note - Owens \ Valley \ irrigation \ district \ has \$471,500 \ bonds \ outstanding \ which are not included \ in above \ table \ as \ these \ obligations are assumed \ by the City of Los Angeles.$

PUBLICATIONS DIVISION OF WATER RESOURCES

PUBLICATIONS OF THE

DIVISION OF WATER RESOURCES

DEPARTMENT OF PUBLIC WORKS

STATE OF CALIFORNIA

When the Department of Public Works was created in July, 1921, the State Water Commission was succeeded by the Division of Water Rights, and the Department of Engineering was succeeded by the Division of Engineering and Irrigation in all duties except those pertaining to State Architect. Both the Division of Water Rights and the Division of Engineering and Irrigation functioned until August, 1929, when they were consolidated to form the Division of Water Resources.

STATE WATER COMMISSION

First Report, State Water Commission, March 24 to November 1, 1912. Second Report. State Water Commission, November 1, 1912, to April 1, 1914. *Blennial Report, State Water Commission, March 1, 1915, to December 1, 1916.
Biennial Report, State Water Commission, December 1, 1916, to September 1, 1918. Biennial Report, State Water Commission, September 1, 1918, to September 1, 1920.

DIVISION OF WATER RIGHTS

- *Bulletin No. 1—Hydrographic Investigation of San Joaquin River, 1920–1923.
 *Bulletin No. 2—Kings River Investigation, Water Master's Reports, 1918–1923.
 *Bulletin No. 3—Proceedings First Sacramento-San Joaquin River Problems Conference, 1924.
- *Bulletin No. 4-Proceedings Second Sacramento-San Joaquin River Problems Conference, and Water Supervisor's Report, 1924.
- *Bulletin No. 5-San Gabriel Investigation-Basic Data, 1923-1926.
- Bulletin No. 6—San Gabriel Investigation—Basic Data, 1926—1928. Bulletin No. 7—San Gabriel Investigation—Analysis and Conclusions, 1929.
- *Biennial Report, Division of Water Rights, 1920-1922.

- *Biennial Report, Division of Water Rights, 1922–1924.
 Biennial Report, Division of Water Rights, 1924–1926.
 Biennial Report, Division of Water Rights, 1924–1928.

DEPARTMENT OF ENGINEERING

- *Bulletin No. 1—Cooperative Irrigation Investigations in California, 1912-1914.
- *Bulletin No. 2-Irrigation Districts in California, 1887-1915.
- Bulletin No. 3—Investigations of Economic Duty of Water for Alfalfa in Sacramento Valley, California, 1915.
- *Bulletin No. 4-Preliminary Report on Conservation and Control of Flood Waters in Coachella Valley, California, 1917.
- *Bulletin No. 5-Report on the Utilization of Mojave River for Irrigation in Victor Valley, California, 1918. *Bulletin No. 6—California Irrigation District Laws, 1919 (now obsolete).
- Bulletin No. 7—Use of water from Kings River, California, 1918. *Bulletin No. 8—Flood Problems of the Calaveras River, 1919.
- Bulletin No. 9-Water Resources of Kern River and Adjacent Streams and Their Utilization, 1920.
- *Biennial Report, Department of Engineering, 1907-1908.
- *Biennial Report, Department of Engineering, 1908-1910.
- *Biennial Report, Department of Engineering, 1910-1912.
 *Biennial Report, Department of Engineering, 1912-1914.
- *Biennial Report, Department of Engineering, 1914-1916.
- *Biennial Report, Department of Engineering, 1916-1918. *Biennial Report, Department of Engineering, 1918-1920.

^{*}Reports and Bulletins out of print. These may be borrowed by your local library from the California State Library at Sacramento, California.

DIVISION OF WATER RESOURCES

Including Reports of the Former Division of Engineering and Irrigation

1—California Irrigation District Laws, 1921 (now obsolete). 2—Formation of Irrigation Districts, Issuance of Bonds, etc., 1922. *Bulletin No.

*Bulletin No. 3-Water Resources of Tulare County and Their Utilization, 1922. Bulletin No.

4-Water Resources of California, 1923. Bulletin No. 5-Flow in California Streams, 1923. Bulletin No.

Bulletin No. 6-Irrigation Requirements of California Lands, 1923.

7—California Irrigation District Laws, 1923 (now obsolete). 8—Cost of Water to Irrigators in California, 1925. *Bulletin No.

*Bulletin No.

Bulletin No. 9-Supplemental Report on Water Resources of California, 1925.

*Bulletin No. 10—California Irrigation District Laws, 1925 (now obsolete).

Bulletin No. 11—Ground Water Resources of Southern San Joaquin Valley, 1927.

Bulletin No. 12—Summary Report on the Water Resources of California and a Coordinated Plan for Their Development, 1927.

Bulletin No. 13—The Development of the Upper Sacramento River, containing U. S. R. S. Cooperative Report on Iron Canyon Project, 1927.

Bulletin No. 14-The Control of Floods by Reservoirs, 1928.

*Bulletin No. 18—California Irrigation District Laws, 1927 (now obsolete). Bulletin No. 18—California Irrigation District Laws, 1929 Revision.

Bulletin No. 19-Santa Ana Investigation, Flood Control and Conservation (with packet of maps), 1928.
Bulletin No. 20—Kennett Reservoir Development, an Analysis of Methods and

Extent of Financing by Electric Power Revenue, 1929.

Bulletin No. 21-Irrigation Districts in California, 1929.

Bulletin No. 21-A-Report on Irrigation Districts in California for the Year 1929, 1930.

Bulletin No. 21-B-Report on Irrigation Districts in California for the year 1930. 1931.

Bulletin No. 22-Report on Salt Water Barrier (two volumes), 1929.

Bulletin No. 23—Report of Sacramento-San Joaquin Water Supervisor, 1924-1928.

Bulletin No. 24—A Proposed Major Development on American River, 1929. Bulletin No. 25—Report to Legislature of 1931 on State Water Plan, 1930. Bulletin No. 28-A-Industrial Survey of Upper San Francisco Bay Area, 1930.

Bulletin No. 31-Santa Ana River Basin, 1930.

Bulletin No. 32-South Coastal Basin, a Cooperative Symposium, 1930.

Bulletin No. 33-Rainfall Penetration and Consumptive Use of Water in Santa Ana Valley and Coastal Plain.

Bulletin No. 34-Permissible Annual Charges for Irrigation Water in Upper San Joaquin Valley, 1930.

Bulletin No. 35-Permissible Economic Rate of Irrigation Development in California. 1930.

Bulletin No. 36—Cost of Irrigation Water in California, 1930.

Biennial Report, Division of Engineering and Irrigation, 1920-1922.

Biennial Report, Division of Engineering and Irrigation, 1922-1924. Biennial Report, Division of Engineering and Irrigation, 1924-1926.

COOPERATIVE AND MISCELLANEOUS REPORTS

*Report of the Conservation Commission of California, 1912.

*Irrigation Resources of California and Their Utilization (Bul. 254, Office of Exp. U. S. D. A.) 1913.

*Report, State Water Problems Conference, November 25, 1916. *Report on Pit River Basin, April, 1915.

*Report on Lower Pit River Project, July, 1915.

*Report on Iron Canyon Project, 1914. *Report on Iron Canyon Project, California, May, 1920. *Sacramento Flood Control Project (Revised Plans), 1925.

Report of Commission Appointed to Investigate Causes Leading to the Failure of St. Francis Dam, 1928.

Report of the Joint Committee of the Senate and Assembly Dealing With the Water

Problems of the State, 1929. Report of the California Joint Federal-State Water Resources Commission, 1930. Conclusions and Recommendations of the Report of the California Irrigation and Reclamation Financing and Refinancing Commission, 1930.

Report of the Joint Committee of the Senate and Assembly Dealing with the Water Problems of the State, 1931.

^{*}Reports and Bulletins out of print. These may be borrowed by your local library from the California State Library at Sacramento, California.

PAMPHLETS

Rules and Regulations Governing the Supervision of Dams in California, 1929.
Water Commission Act with Latest Amendments Thereto, 1929.
Rules and Regulations Governing the Appropriation of Water in California, 1930.
Rules and Regulations Governing the Determination of Rights to Use of Water in Accordance with the Water Commission Act, 1925.
Tables of Discharge for Parshall Measuring Flumes, 1928.
General Plans, Specifications and Bills of Material for Six and Nine Inch Parshall Measuring Flumes, 1930.

