

ADMINISTRATION REPORT OF THE
PUBLIC WORKS DEPARTMENT
IRRIGATION BRNCH, FOR
THE YEAR 1935-36



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TABLE OF CONTENTS

ADMINISTRATION REPORT OF THE PUBLIC WORKS DEPARTMENT, IRRIGATION BRANCH, FOR THE YEAR 1935-36.

CHAPTER I.

General—Pages 1-5.

CHAPTER II.

	PAGES		PAGES
Personnel	5	A.—Irrigation Works—Unproductive	
Classification of works	5	—cont.	
Capital outlay, revenue and extent		Working expenses	7
irrigated	5-6	Remissions	8
Financial results—		Value of crops	8
Productive works	6	B.—Navigation, Embankment and	
Unproductive works	6	Drainage Works—Unproductive	
Minor works	6	—Navigation canals—Receipts.	8
Irrigation Works—Productive—		Works for which Capital and Rev-	
Number of works	6	enue Accounts are not kept—	
Length of canals	6	Irrigation works	8
Capital outlay	6	Tank Restoration Scheme	
Area irrigated	6	works	8-9
Working expenses	6	Works for which Capital and Rev-	
Revenue	7	enue Accounts are not kept—	
Financial results	7	Navigation, Embankment and	
Revenue and working expenses		Drainage Works	9
Per acre	7	Investigation of projects	9-10
Value of crops	7	Character of the season	10-11
Remissions	7	Floods	11
Irrigation Works—Unproductive—		Breaches and accidents	11-12
Number of works	7	Irrigation—Advisory	
Capital outlay	7	Board	12
Length of canals	7	Irrigation panchayat	12
Area irrigated	7	General	12
Revenue	7		

CHAPTER III.

I.—Works for which Capital and Revenue accounts are kept.

A.—Important works carried out during the year.

Cauvery-Mettur Project	12-14	Godavari delta	14-15
Alai Scheme	14	Polavaram Island Project	15
Avannah channel	14	Kistna delta	15-16
Payapalem Project	14	Pennar River Canals system	16
Chikulya system	14	Cauvery delta	16
Avalli River system	14	Vridhachalam anicut system	16

1935

37.2

99

II.—Works for which Capital and Revenue accounts are not kept.
Page 17.

B.—Season Rainfall and Supply.

	PAGES		PAGES
Rushikulya system	17	Divi Pumping system	18
Ganjam Minor River system ..	17-18	Pennar River Canals system ..	19
Nagavalli River system	18	Cauvery delta	19
Godavari delta	18	Periyar system	19
Kistna delta	18	Sriyaikuntam anicut system ..	19
C.—Closure of canals	19		
D.—Industrial crops	20		

E. Works for which Capital and Revenue Accounts are not kept.

(1) Irrigation Works.

Number of works	20	Particulars of revenue	21
Area irrigated and financial results ..	20	Financial results	21
Outlay	20	Tank Restoration Scheme works ..	21

(2) Navigation, Embankment and Drainage Works.

Receipts	21	Expenditure	22
----------------	----	-------------------	----

APPENDIX I.

<i>Statistical statements—</i>	
Statement A-I.—Canal projects with particulars regarding discharges, rainfall, area commanded, cost of construction, expenditure, interest charges and length of canals, etc. ..	23-26
Statement A-II.—Reservoir projects with similar particulars as above	27-29
Statement B-I.—Capital Account of Irrigation, Navigation, Embankment and Drainage works for which Capital and Revenue accounts are kept ..	30-34
Statement C-I.—Financial results showing receipts and expenditure against Revenue, etc., of Irrigation, Navigation, Embankment and Drainage works for which Capital and Revenue accounts are kept ..	35-42
Statement C-II.—Financial results (based on actual receipts) showing capital outlay, gross receipts, working expenses, interest charges, etc., of Irrigation, Navigation, Embankment and Drainage works for which Capital and Revenue accounts are kept	43-48
Statement C-III.—Demands and realizations of Irrigation, Navigation, Embankment and Drainage works for which Capital and Revenue accounts are kept	49-51

<i>Statistical statements—cont.</i>	
Statement C-IV.—Financial results (based on assessments for the year) of Irrigation, Navigation, Embankment and Drainage works for which Capital and Revenue accounts are kept ..	52-55
Statement D-I.—Statement of traffic on the principal navigable canals	56
Statement D-II.—Description and quantities of goods, etc., carried on the principal navigable canals	57-60
Statement E-I.—Areas irrigated, etc., under irrigation works classed as productive and unproductive for which Capital and Revenue accounts are kept	61-62
Statement E-II.—Incidence of working expenses and assessed water revenue on irrigation systems under irrigation works classed as productive and unproductive for which Capital and Revenue accounts are kept	63-64
Statement E-III.—Areas irrigated and the value of crops raised	65-71
Statement E-IV.—Comparative statement of irrigation and rainfall	72-77
Statement F-I.—Incidence of water-rates under irrigation works classed as productive and unproductive for which Capital and Revenue accounts are kept	78-79

Statement showing the results of irrigation.

APPENDIX II.

	PAGE	PAGE
Statement No. I.—Financial results of irrigation works classed as productive and unproductive for which Capital and Revenue accounts are kept	80-85	

APPENDIX III.

Statement No. II.—Extent irrigated and the revenue derived under minor works for which Capital and Revenue accounts are not kept	86-87
--	-------

APPENDIX IV.

Statement showing the number of wells used for irrigation in fasli 1343 (1933-34), Parts I and II. ..	88
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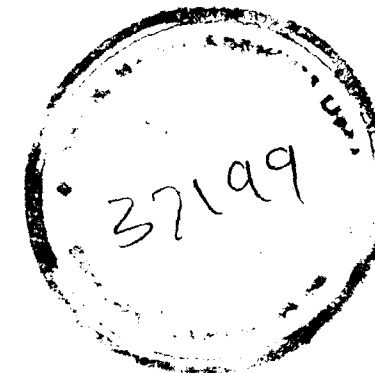


TABLE OF CONTENTS.

Administrative Accounts.

Systems.	No. 2, Capital Account.	No. 3, Revenue Account.	No. 4, Interest Account.	No. 5, Indirect Charges Account.	No. 6, Statement comparing charges to date with sanctioned estimates.
	PAGE	PAGE	PAGE	PAGE	PAGE
REVIEW OF THE ACCOUNTS— PAGES 89-92.					

No. 1.—GENERAL ABSTRACT OF FINANCIAL RESULTS—PAGES 93-105.

A. IRRIGATION WORKS.

1. Productive Works.

1 Cauvery delta system ..	106	107-108	109	109	110
2 Srivaikuntam anicut system ..	111	112-113	114	114	115
3 Godavari delta system ..	116	117	118	118	119
4 Mehamattur anicut system ..	120	121-122	123	123	124
5 Tadapalle channel system ..	125	126-127	128	128	129
6 Kalingarayan channel system ..	130	131-132	133	133	134
7 Tridhachalam anicut system ..	135	136	137	137	138
8 Chembrambakkam tank system ..	139	140-141	142	142	143
9 Marudur anicut system ..	144	145-146	147	147	148
10 Pennar river canals system ..	149	150-151	152	152	153
11 Arkenkota channel system ..	154	155-156	157	157	158
12 Tirukkoyilur anicut system ..	159	160-161	162	162	163
13 Shatlatope anicut system ..	164	165-166	167	167	168
14 Cheyyar anicut system ..	169	170-171	172	172	173
15 Cumbum tank ..	174	175-176	177	177	178
16 ..	179	180-181	182	182	183
17 ..	184	185-186	187	187	188
18 ..	189	190	191	191	192
19 ..	193	194-195	196	196	197
20 ..	198	199-200	201	201	202
21 ..	203	204-205	206	206	207
22 ..	208	209	210	210	211
23 ..	212	213	214	214	215
24 ..	216	217	218	218	219
25 ..	220-222	223	224	224	225
26 ..	226-227	228	229	229	230

2. Unproductive Works.

1 Kurnool-Cuddapah canal ..	231	232-233	234	234	235
2 Barur tank ..	236	237	238	238	239
3 Vallur anicut ..	240	241-242	243	243	244
4 Madras Water-supply and Irrigation system ..	245	246-247	248	248	249
5 Pelandoral anicut system ..	250	251-252	253	253	254
6 Palar anicut system ..	255	256-257	258	258	259
7 Rushikulya system ..	260	261-262	263	263	264
8 Munjyeru system ..	265	266-267	268	268	269
9 Dondapad system ..	270	271	272	272	273
10 Yerur tank ..	274	275	276	276	277
11 Sagileru system ..	278	279-280	281	281	282
12 Atmakur tank ..	283	284	285	285	286
13 Jangamaheswarapuram tank ..	287	288	289	289	290
14 Anamasamudram-Beraperu tank ..	291	292-293	294	294	295
15 Hajipuram tank ..	296	297	298	298	299
16 Ponnalur tank ..	300	301	302	302	303
17 Markapur tank ..	304	305-306	307	307	308
18 Nagavalli river system ..	309	310-311	312	312	313
19 Venkatapuram tank ..	314	315	316	316	317
20 Bhavanasi tank ..	318	319	320	320	321
21 Yellanur tank ..	322	323	324	324	325

Administrative Accounts—cont.

Systems.	No. 2, Capital Account.	No. 3, Revenue Account.	No. 4, Interest Account.	No. 5, Indirect Charges Account.	No. 6, Statement comparing charges to date with sanctioned estimates.
	PAGE	PAGE	PAGE	PAGE	PAGE
A. IRRIGATION WORKS— <i>cont.</i>					
2. <i>Unproductive Works—cont.</i>					
22 Panjapatti reservoir project.	326	327	328	328	329
23 Siddapur tank ..	330	331	332	332	333
24 Nagavaram anicut and supply channel.	334	335	336	336	337
25 Mopad reservoir system ..	338	339	340	340	341
26 Kaniyampalayam anicut ..	342	343	344	344	345
27 Thippayapalem project ..	346	..	347	347	348
28 Basavannah channel ..	349	350	351	351	352
B. NAVIGATION, ETC.					
2. <i>Unproductive Works.</i>					
1 Ganjam-Gopalpur canal ..	353	354	355	355	356
2 Vedaranniyam canal ..	357	358	359	359	360
3 Buckingham canal ..	361	362	363	363	364

PUBLIC WORKS DEPARTMENT, MADRAS PRESIDENCY

ADMINISTRATION REPORT

FOR THE YEAR 1935-36

PART II-IRRIGATION

Chapter I.

GENERAL.

The remarks in this chapter are, as usual, intended to bring the general information up to the end of the calendar year 1936.

2. *Cauvery-Mettur Project.*—No. 2 Canal Division, Pattukottai, was abolished on 30th June 1936, except one subdivision which continued till 30th November 1936.

Reservoir and dam.—At the end of the last irrigation season (January 1936) the lake level was 59.5. It rose to 76.35 on 9th June 1936 when the first-crop season commenced. The high and low level sluices were in use till about the third week of July, when, due to a good south-west monsoon, the lake level rose so high that supply to the delta was possible through the surplus sluices. On 23rd August, the level of the reservoir was 119.00. The reservoir surplussed at this level for about two days, and then gradually fell to 110.5. It rose again to 120.00 by the middle of November. This was the first occasion after the completion of the dam that water rose to the full lake level. The probable level at the close of the irrigation season will be 95.00.

The leakage through the drainage gallery in the dam reached the maximum of 34 cubic feet per minute in July, when the lake reached a level of 118.00. It has since fallen to about 14 cubic feet per minute for almost the same lake level. This shows that the pores in the dam are getting closed. There is little leakage noticed in rear of the dam except at the overflow section and even this is much less than before. It may disappear entirely in another season or two.

Supply channel.—Early in 1936, the bed of the supply channel was examined and it was found that there were deep scours in many places, chiefly above the drops in the high level channel and above and below the channel bridge. These scour pits were filled with masonry wherever necessary. In places, the scour pits were as deep as 7 to 9 feet.

The bridge across the channel was giving some trouble when 30,000 cusecs were discharged. There were eddies at the junction of the bridge abutments with the revetment. Water was found to splash against the bridge girders. To remedy these defects the piers of the bridge were extended by 9 feet and a twisted wall was built joining the revetment with the bridge abutments. These improvements have been highly successful.

Surplus course.—The high ground in rear of Ellis Saddle surplus course was lowered opposite vents 18 to 16. At a distance of 450 feet from the apron, there was a spur of rock opposite vents 15 and 16. The rock was lowered to divert the discharge from the vents in a southerly direction and keep it away from the scour opposite vents 10 and 11. It was also proposed to build stepped aprons opposite vents 10 and 11 to dissipate the energy of the water issuing through these vents and prevent the scour travelling back to the retaining wall at the end of apron. These works will be done in 1937.

Gaugings.—To ascertain the coefficient of discharge of the surplus and supply sluices under varying conditions of discharge, nearly 90 gaugings were conducted at Nattamangalam. Coefficients for the surplus sluices have been worked out for full and partial openings.

Sale of materials.—The total sales during the year amount to nearly Rs. 1½ lakhs.

Industrial development.—Attempts are being made to make Mettur an industrial centre. With a plentiful supply of water and electric power, there is ample scope for industrial development. It is proposed to sell the Salem Camp Buildings and about 250 acres of lands to Messrs. Beardsell & Co., who intend to build a textile factory. Another firm is negotiating for certain lands and buildings near the Mettur Dam Railway station for starting chemical industries. The old surki shed and 10 acres of lands nearby have been sold to the South India Dye Works, Ltd., Salem.

Canal system.—During the year, the canal below Ammanichatram Regulator was thrown open for irrigation.

The areas under Cauvery-Mettur Project above R.D. 19/25 were included in the double-crop zone and arrangements have been made to allow water to this area for fifteen days longer than the usual date (31st January). In the first-crop zone, the areas actually cultivated under the Vadavar and Grand Anicut Canal up to end of November were 19,164 acres and 85,688 acres, respectively, against a forecast of 30,670 acres and 89,730 acres. The second-crop area cultivated to end of November 1936 was 1,699 acres and 2,845 acres, against a forecast of 10,000 acres and 5,000 acres, respectively.

3. *Vizagapatam division.*—The Rushikulya system was transferred to the newly formed Orissa Province from 1st April 1936. Owing to heavy rains in July and October, considerable damage was caused to certain works in the Ganjam Minor Rivers system, the Nagavalli River system and under the Gokivadagedda and Sarada rivers.

4. *Godavari delta system.*—Due to cyclonic weather from 27th to 29th October 1936, there were very heavy rains all over the delta and a number of small breaches occurred. The breaches were closed promptly. Regulator No. 3 on Kokkirigedda supply channel in the Godavari Northern division was damaged, steps are being taken to reconstruct it. On account of floods caused by a cloud-burst on 29th August 1936, the gates of the tail lock of the Dunmagudem canal were damaged and the canal had to be closed for navigation. Arrangements are being made to replace the gates and it is hoped that the canal will be re-opened in March 1937.

5. *Kistna delta system.*—The Kistna East Bank canal, including the Campbell Aqueduct across the Puligedda arm, was completed in June 1936 and supply by direct flow was given to Divi from 21st June 1936. The pumping system ceased from that date. Supply was satisfactory throughout the season. The aqueduct was formally opened by His Excellency the Acting Governor Rai Bahadur Sir Kurma Venkata Reddi Nayudu, Kt., on 25th August 1936.

There was a severe cyclone in Kistna and Guntur districts on 28th October 1936. The Commamur canal for a length of 25 miles in the Guntur district suffered heavy damage. Considerable damage was also caused to the Muniyeru system. The cost of making good the damages to irrigation works is Rs. 59,000.

6. *Penner river canals system.*—There was abnormally heavy rain in and around Nellore on the 5th and 6th November 1936. The rainfall at six gauging stations for the two days was about 14 inches. Nineteen inches of rain fell in Nellore in two days, of which total 11 inches fell in seven hours. The result was that many irrigation channels and several small tanks in the delta breached. The bigger works in the delta were luckily not affected. The Machavaram tank outside the delta breached for a length of 150 feet.

7. *Tungabhadra project.*—Joint gaugings of the Tungabhadra river were continued during the year. The gaugings conducted during 1935 were examined by the Special Superintending Engineers, Madras and Hyderabad, and the Superintending Engineer, Irrigation Circle, Mysore, and tentative estimates of the dependable flow in the river were framed. Towards the close of the year, a conference was held with the Mysore Government to decide on an equitable distribution of the Tungabhadra basin waters. This ended satisfactorily.

Proposals for conducting experiments at Siruguppa, in Bellary district, on duty of water for crops to be grown in the project area were sanctioned by Government at the close of the year.

8. *Thippayapalem project.*—In place of the earthen dam which breached in August 1935, a masonry dam was proposed. A revised estimate amounting to Rs. 6.27 lakhs was sanctioned by Government during the year.

9. *Duvvaleru project, Kurnool district.*—The Duvvaleru scheme, for an anicut across the Duvvaleru river and a channel to feed a chain of tanks, was sanctioned for Rs. 1.52 lakhs. The channel will irrigate about 1,355 acres.

10. *Lower Bhavani project.*—The revised estimate was submitted to Government in October 1936. Experiments on duty of water for dry crops under flow irrigation in the project area and under project conditions were concluded during the year.

11. While the damages caused to irrigation works by the floods of November 1935 were being repaired, the Amaravathi and Aliyar rivers rose, on 2nd November 1936, to as high a level as in the previous year and caused damage to the works under execution. The cost of restoring the damaged works is about Rs. 76,200.

12. *Cauvery delta system.*—Mettur reservoir was opened for irrigation at 6 p.m. on the 9th June. The date of opening was advanced three days for filling the rivers and tanks before the sluices were opened for irrigation.

The north-east monsoon commenced late. Rainfall was below average in October, in the latter half of November and in the first half of December. In the first half of November, there were heavy rains. They caused some minor breaches in the delta. In spite of the bad monsoon, the supply from Mettur was steady during this period.

13. *Kattalai scheme.*—The Kattalai high level channel was opened for irrigation during the current year, and a good part of the proposed ayacut has been brought under cultivation. The ryots are very enthusiastic and reclamation of lands is proceeding rapidly.

Works in connexion with the North Bank canal, under the Kattalai project system, have been nearly completed and a steady and continuous supply is being maintained. The total area under irrigation has exceeded the anticipated figure.

14. *Cauvery gauging.*—In continuation of the work done in the last five years, observations for the determination of the Krishnaraj-Sagar Sluice Co-efficients by the volumetric method were conducted as long as the water levels permitted.

In accordance with rule 3 of the Rules of Regulation of the Krishnaraj-Sagar Reservoir, the usual cross sections of the rivers at the standard stations were taken, and the river Hemavathi jointly gauged at Akkihebbal Standard station. The Mandagere channel was gauged jointly with Mysore.

Gaugings of the Irwin canal were continued throughout the irrigation season, as the canal has not yet attained a permanent regime.

With reference to rule 20 and rule 26 (i) of the Rules of Regulation of the Krishnaraj-Sagar, verification observations were conducted to find out which of the eight gauges in the river, between the reservoir and Chickdevaroyasagar anicut, is most suited

for calibration. Cross sections at the verification site were taken during the year. Leakage observations for the reservoir sluices were also conducted.

In connexion with the Mysore proposals under clauses 10 (vii) to (x) of the 1924 agreement for a reservoir across the Kabbini near the Hullahalli anicut, joint gaugings of the river and the two irrigation channels taking off above the anicut, were conducted from June, in pursuance of the joint programme.

Selection of sites for joint gaugings across the Hemavathi, at Gorur and Sri-Ramadevar dam, was made during the year.

A new site for the gauging of the Sivasamudram power channel, consequent upon the construction of a new balancing reservoir was under consideration.

Chapter II.

M.R.Ry. Diwan Bahadur R. Narasimha Ayyangar Avargal continued as Chief Engineer for Irrigation, and M.R.Ry. V. Ayyadurai Ayyar Avargal, as Deputy Chief Engineer, throughout the year.

2. Irrigation works in the Presidency are classified as shown below :—

(a) Works for which capital and revenue accounts are kept—

A. Irrigation works—

(i) Productive.

(ii) Unproductive.

B. Navigation, Embankment and Drainage works—

(i) Productive.

(ii) Unproductive.

(b) Works for which capital and revenue accounts are not kept—

(i) Irrigation works.

(ii) Navigation, Embankment and Drainage works.

The classification of a work as productive or unproductive is based on financial results of three consecutive years. There are no works in the Presidency under B. Navigation, Embankment and Drainage works—Productive.

3. The total outlay on irrigation works during the year was Rs. 1,22,06,977 against Rs. 1,41,78,641 in 1934-35. The total revenue realized was Rs. 3,29,69,522 against Rs. 3,20,84,152 for the previous year. The area charged as irrigated was 7,552,515 acres against 7,302,390 acres in the previous year. The net revenue, after deducting working expenses, was Rs. 1,72,78,206 against Rs. 1,57,92,342 of the previous year. The expenditure figures include indirect charges. If direct charges alone are considered, the expenditure during the year was Rs. 112.68 lakhs against the budget

allotment of Rs. 134.32 lakhs. The total cropped area in the Presidency during 1935-36 of all the chief food-grains and industrial crops, both irrigated and dry, was 36,628,827 acres or 909,683 acres less than in the previous year. The area irrigated by Government irrigation works was 7,552,515 acres or 20.61 per cent of the total cropped area. This area was 250,125 acres more than in 1934-35. The increase was due to the favourable season and development of irrigation under the new systems.

4. *Financial results*—(i) *Productive works*.—The capital outlay during the year was Rs. 18,83,043 and to the end of the year Rs. 15,20,72,181. The area charged as irrigated was 3,944,311 acres and the estimated value of crops raised was Rs. 20,69,15,908. The net revenue derived was Rs. 1,13,15,325, representing a return of 7.44 per cent on the capital outlay. The accumulated profits to the end of the year amounted to 30.23 crores.

(ii) *Unproductive works*.—The capital outlay during the year was Rs. 1,37,552 and to the end of the year Rs. 4,39,94,301. The area charged as irrigated was 405,857 acres and the estimated value of crops raised was Rs. 1,62,79,016. The net revenue derived was Rs. 5,83,134 representing a return of 1.32 per cent on the capital outlay.

(iii) *Minor works for which capital and revenue accounts are not kept*—(a) *Irrigation works*.—There are about 36,000 works in this class. The outlay on them during the year was Rs. 33,94,305. The revenue realized was Rs. 96,04,610. The area charged as irrigated was 3,202,347 acres.

(b) *Navigation, etc., works*.—The outlay incurred was Rs. 9,06,726 and the revenue derived was Rs. 84,896.

5. *Irrigation works—Productive*.—(1) As in the previous year, there were 26 works in this class. The canals in the Godavari and the Kistna delta systems are used both for irrigation and navigation. The remaining works are for irrigation.

(2) The total length of the main and branch canals at the end of the year was 3,672½ miles. Of this length, 873¾ miles were for irrigation and navigation combined and the remainder for irrigation. The length of distributaries was 9,930⅝ miles.

(3) The capital outlay (direct and indirect) during the year was Rs. 18,83,043 against Rs. 31,86,771 in the previous year. The bulk of the expenditure was incurred on the Kistna and the Godavari delta systems, and the Kattalai scheme. Details of the works carried out are given in Chapter III.

(4) The total area charged as irrigated was 3,417,615 acres first crop and 526,696 acres second crop, against 3,380,817 acres and 512,222 acres, respectively, in 1934-35. The increase under both crops occurred mainly in the Kistna delta, the Cauvery-Mettur Project and the Kattalai scheme.

(5) The gross working expenses of the year were Rs. 55,31,039 against Rs. 55,64,402 in the previous year.

(6) The gross revenue of the year was Rs. 2,17,50,819 against Rs. 2,18,82,756 in 1934-35. The decrease occurred mainly in the Cauvery delta system.

(7) The net revenue derived and the net profit after deducting interest charges amounted to Rs. 1,13,15,325 and Rs. 51,25,136 against Rs. 1,14,09,227 and Rs. 51,91,784, respectively, in the previous year. The net profit works out to 3.37 per cent on the total capital outlay of Rs. 15,20,72,181 against 5.91 per cent in 1910-11. As in the previous year, the fall in profits was due chiefly to the large outlay on the Cauvery-Mettur Project which has recently commenced to function.

(8) The estimated value of irrigated crops raised during the year amounted to Rs. 20,69,15,908 against Rs. 19,29,65,273 in the previous year.

(9) The average revenue per acre amounted to Rs. 5.51 on the gross area and Rs. 6.89 on new irrigation. The working expenses per acre were Rs. 1.40 on the gross area, and Rs. 2.15 on new irrigation.

(10) The remissions granted during the year amounted to Rs. 1,70,192 against Rs. 2,39,615 in the previous year. The areas affected were mainly in the Godavari, the Kistna and the Cauvery deltas.

6. *Irrigation works—Unproductive works*.—(1) There were 28 works of this class, including the Thippayapalem project and the Basavannah channel (extension) under construction. The Kurnool-Cuddapah canal is used for irrigation and navigation, navigation is confined to the first 75 miles. The other works are used only for irrigation.

(2) The capital outlay (direct and indirect) during the year was Rs. 1,37,552 against Rs. 1,40,021 in 1934-35. The bulk of the expenditure was on the Thippayapalem project.

(3) The total length of the main and branch canals at the end of the year was 930½ miles, of which 75 miles were for irrigation and navigation combined and the remainder only for irrigation. The length of distributaries was 904¼ miles.

(4) The area irrigated during the year was 405,857 acres against 399,044 acres in 1934-35.

(5) The gross working expenses amounted to Rs. 5,77,996 against Rs. 6,26,578 in the previous year.

(6) The gross revenue amounted to Rs. 14,47,848 against Rs. 13,98,069 in 1934-35.

(7) The net revenue due to improvements was Rs. 5,83,134 against Rs. 4,84,602 in the previous year. This represents a return of 1.32 per cent on the capital outlay of Rs. 4,39,94,301 to the end of the year. The net revenue fell short of the interest charges by Rs. 8,79,949 of which Rs. 6,27,385 pertained to the Kurnool-Cuddapah canal. This deficit represents 2.10 per cent on the capital outlay.

(8) The estimated value of crops amounted to Rs. 1,62,79,016 against Rs. 1,47,40,649 in the previous year.

(9) The average revenue per acre amounted to Rs. 3.75 on the gross area and Rs. 4.80 on the new irrigation. The working expenses per acre were Rs. 1.50 on the gross area and Rs. 2.36 on new irrigation.

(10) The remissions granted during the year amounted to Rs. 26,663 against Rs. 70,480 in the previous year. The area affected was mainly under the Kurnool-Cuddapah canal and the Nagavalli river system.

7. *B. Navigation, Embankment and Drainage works—Un-productive.*—There were three works of this class, viz., the Ganjam-Gopalpur canal, the Buckingham canal and the Vedaranniyam canal, the total length being 297½ miles. The gross receipts amounted to Rs. 81,349 and the charges to Rs. 1,88,495 against Rs. 1,13,882 and Rs. 2,66,079, respectively, in the previous year. There was thus a loss of Rs. 1,07,146 on the working of these canals, against a loss of Rs. 1,52,197 in 1934-35. The value of goods carried during the year was Rs. 89,95,939.

8. *Navigation canals.*—Navigation was carried on as usual on the Dummagudem, Godavari, Kistna, Kurnool-Cuddapah, Buckingham, West Coast and Vedaranniyam canals. As in the previous year, navigation in the Kurnool-Cuddapah canal was limited to the first 75 miles. The total direct receipts amounted to Rs. 4.84 lakhs being an increase of Rs. 0.25 lakhs over the figure for the previous year. The increase occurred mainly under annual licence fees in the Kistna delta and under tolls in the West Coast canals.

9. *Works for which capital and revenue accounts are not kept—Irrigation works.*—The outlay incurred, the area irrigated, and the revenue derived from the works of this class are compared below, with the figures of 1934-35 and the average of the previous triennium :—

	Outlay incurred.	Area irrigated.	Gross revenue.
	RS.	ACS.	RS.
During 1935-36	33,94,305	3,202,347	96,04,610
During 1934-35	39,34,421	3,010,307	86,28,529
Average of the triennium ending 1934-35	37,89,166	3,186,217	94,20,962

10. *Tank Restoration Scheme works.*—(1) The total area coming within the scope of Tank Restoration Scheme investigation is 102,500 square miles. The area of minor basins on which work had been commenced or completed at the beginning of the year was 94,660 square miles, of which 88,878 square miles had already been investigated. During the year under review, an area of 6 square miles was investigated bringing the total to 88,884 square miles. The remaining 5,776 square miles have been under investigation. In the area investigated, works were completed on an extent of 84,993 square miles and in the remaining area of 3,891 square miles works have been in progress or are yet to be begun.

About 86.72 per cent of the total area of 102,500 square miles affected by the scheme was investigated up to 31st March 1936, leaving on that date a balance of 13,616 square miles. The estimates sanctioned during the year amounted to Rs. 36,731 against Rs. 60,314 in the previous year. The Tank Restoration divisions and subdivisions abolished as a measure of retrenchment in 1931 have not been restored.

(2) The total amount of estimates sanctioned from the commencement of the Tank Restoration Scheme operations up to the end of the year was Rs. 2,02,37,000 nearly, against which the total expenditure incurred was Rs. 1,70,56,405 exclusive of charges for establishment and tools and plant. The expenditure during the year amounted to Rs. 61,863.

11. *Works for which capital and revenue accounts are not kept—Navigation, Embankment and Drainage works.*—The outlay incurred and the revenue derived from, the works of this class are compared below with the figures of the previous year and the average of the previous triennium :—

	Outlay incurred.	Revenue derived.
	RS.	RS.
During 1935-36	9,06,723	84,896
During 1934-35	8,67,755	60,916
Average of the triennium ending 1934-35	9,12,201	68,200

12. *Projects under consideration.*—To give relief from submer- sion caused by floods in the Coringa arm of the Godavari river to an area of about 20,000 acres a proposal to cross-bund the Coringa river has been made. The proposal is being considered.

A special division was formed in December 1935 to localize second-crop areas in the Godavari Eastern and Central deltas.

A preliminary report on Gundlakamma project based on five-year gaugings was submitted to Government and recording of water levels with the aid of the automatic recorders continued. Proposals were made for taking current meter observations of discharges.

Gauging the Pillaperu for determining the supply in the Mopad main channel was continued. Investigation of the proposal to fit falling shutters on the Nellore anicut and to extend irrigation under the Survepalli reservoir was investigated and detailed plans and estimates were submitted to Government. Plans and estimates for fitting falling shutters on the Sangam anicut to divert additional supply into the Kanigiri reservoir were also sent to Government.

Regarding Tungabhadra Project, joint gaugings with Mysore and Hyderabad Governments and a soil survey of the project area, by the Agricultural Department were in progress during the year. Proposals for experiments to determine the water required for crops to be grown in the Project area were under consideration.

The Balahal-Bheemanakeri project was considered and dropped. Plans and estimates for Duvvaleru project were submitted to Government. Proposals for excavating a channel from the right bank of the Pennar to irrigate certain villages in Sidhout taluk of the Cuddapah district were received from the local officers late in the year (1935-36). The gaugings of the Pennar in connexion with the Pennar-Kumudavathi project were continued.

Investigation of the Lower Bhavani project continued till the end of November 1935. Calyx drill borings along the line of the proposed dam were completed and the estimate for the dam revised. The area to be irrigated by the project was localized and the ayacut worked out after a full enquiry by the Revenue, Public Works and Agricultural departments. Experiments on the duty of water for dry crops irrigated by flow were carried out under project conditions in two typical areas of 100 to 150 acres. One of the sites selected is at Chennasamudram at the end of the Kalingaroyan channel and the other at Kugalur at the end of the Kugalur branch channel. The experiments on the first crop area at Chennasamudram were conducted for the first time between June and October 1935. The second year's experiments at Kugalur were conducted between October 1935 and March 1936. Observations on transmission losses in certain channels were also made.

The estimate for the Siruvani scheme was received from the local officers and submitted to Government through the Board of Revenue late in the year 1935-36.

An estimate for restoring the old course of the Uyyacondan channel, Trichinopoly district, was under the consideration of Government.

13. *Character of the season.*—The south-west monsoon set in about the middle of June and the rainfall during the month was normal except in Ganjam, Vizagapatam, East Godavari, West Godavari, Kistna, Guntur and Chingleput districts. In July the rainfall was above normal in Ganjam, Vizagapatam (Agency), East Godavari, West Godavari, Kurnool, Bellary, Cuddapah and Nellore. There were good rains in August in almost all districts of the Presidency and the rainfall was above normal outside the Circars. The monsoon weakened in the latter half of September. The south-west monsoon was on the whole above normal in Ceded Districts, Nellore, Chingleput, Chittoor, North Arcot, Salem, Trichinopoly and Madura.

The north-east monsoon brought fairly good rains during the first half of October in Vizagapatam (Agency), Bellary, Anantapur, North Arcot, Salem, Coimbatore and Madura. Rainfall in October was above average in West Godavari, Ceded Districts, Nellore, Chingleput, South Arcot, Chittoor, North Arcot and Tinnevely and below average elsewhere. In November it was above average in Trichinopoly, Tanjore and Madura. The monsoon was generally weak in December though rainfall was above average in South Arcot, Salem, Coimbatore, Trichinopoly, Tanjore and Madura districts. Speaking generally the monsoon was above average in the

districts of North Arcot, Tanjore, Madura and Tinnevely and below normal in other districts. The condition of standing crops was generally fair except in parts of Vizagapatam, Guntur, Cuddapah, Nellore and Ramnad.

The average rainfall in the Presidency exclusive of the West Coast and Nilgiris, for the official year 1935-36, was 34.49 inches as against 28.54 inches in the previous year and against the average of 37.32 for the five years ending 1934-35.

14. *Floods.*—The highest flood in the Godavari river occurred on the 18th September 1935 with a depth of 9.6 feet over Dowlaish-waram anicut against the recorded maximum of 17 feet in 1891, above the then crest level (the present crest level being 0.75 foot higher). In the Kistna river the maximum flood occurred on the 2nd September 1935 with a depth of 11.85 feet over Bezwada anicut against the recorded maximum of 23.50 feet in October 1903. In the Tungabhadra the highest reading was 3.5 feet on the crest of the Sunkesula anicut on the 15th July 1935, the highest depth recorded being 10.40 feet on 31st October 1916. The maximum depth over the Adinimayapalli anicut across the Pennar was 6.0 feet on the 25th August 1935, the highest recorded depth being 13.86 feet on the 26th October 1874. The Cauvery rose to 10.30 feet on the Cauvery Dam north gauge on the 16th November 1935 against a recorded maximum of 14.65 feet on the 20th July 1924. The floods in the Tambraparni at the Srivaikuntam anicut rose to 13.10 feet on 26th December 1935 against the ever recorded maximum of 21.80 feet on 16th December 1923.

15. *Breaches and accidents.*—When water was let in after the closure of 1935 the left side wall of the Kurada aqueduct which carries the Kovvur-Manjair Junction Canal over the Kurada drain suddenly collapsed on 4th June 1935 due to the gradual deterioration of the lime mortar with which the masonry had been constructed. The wall is being rebuilt to a stronger section. Due to heavy rain-fall on the catchment area and consequent sudden rise of water in the Thippayapalem reservoir by 10½ feet in 3 hours, the newly formed earthen bund breached in two places on 25th August 1935. A revised estimate for the restoration of the damages has been sanctioned. Owing to unusually heavy rains in and around Nandisankur, the Kurnool-Cuddapah canal breached in two places lower down. These and 43/43; leakages occurred in three places lower down. These damages were repaired in time. As a result of heavy rains, in November 1935, extensive damages occurred to almost all anicuts and channels in the locality. Temporary repairs were done promptly and standing crops saved. Further protective works of a permanent nature are being done by a special subdivision. Due to cyclone on the 14th and 15th November 1935 in the south and south-east portion of the Vennar basin, there were several breaches and scours, in almost all rivers in the Tiruturaipundi and Naga-patam taluks of the Tanjore district. Trees and plantations on the river banks were considerably damaged. The Narpavalakudi tank in the Vennar Division breached. Owing to heavy rains between

the 14th and 16th November 1935 at Palni in the lower Palni Hills, the minor rivers of the taluk received unprecedented floods causing damages to anicuts, floodbanks and channels. The floods caused serious damages to crops. Steps were taken to repair damages.

At about 3 p.m. on the 15th October 1935, the staff boat of the Superintending Engineer, Bezwada Circle, was struck by a heavy gale and sank in the Kistna Western Canal near Sitanagaram lock. Mr. K. V. Sankara Ayyar, the Superintending Engineer, Bezwada Circle, and his wife who were in the boat were drowned.

16. *Irrigation Advisory Boards.*—There were no Advisory Boards in the districts of Ganjam, Vizagapatam, Cuddapah, Anantapur, Kurnool, Chingleput, Chittoor, North Arcot, South Arcot, Rannad and Coimbatore. The boards in Nellore, Bellary, Madura and that for the Mohanur channel in Salem district did no work. The Collector of Bellary has reconstituted the advisory boards for Tunga-bhadra channels, and has replaced the eleven boards previously functioning by three boards for administrative reasons. Prompt action was taken by the local officers on representations made by the advisory boards.

17. *Irrigation panchayats.*—Forty-eight irrigation panchayats were working in the several districts of the Presidency, in the beginning of the year. During the year under review, twenty-three new panchayats were formed and one panchayat was dissolved. The number of irrigation panchayats at the end of the year was seventy. There were three districts, viz., Chittoor, Tanjore and Madura in which there were no irrigation panchayats during the year. The working of the panchayats was on the whole satisfactory.

18. *General.*—With a view to relieve unemployment among the rural population, and to improve the economic condition in the country, a widespread scheme of improvements to minor irrigation works was started during the year in all districts, except Malabar, South Kanara and the Nilgiris. Nineteen special subdivisions and one division were sanctioned to execute the works. Good progress was made and works to the value of Rs. 13.19 lakhs were carried out during the year. The work was appreciated by the ryot population.

Chapter III.

A. IMPORTANT WORKS CARRIED OUT DURING THE YEAR.

1. Works for which capital and revenue accounts are kept.

CAUVERY-METTUR PROJECT.

1. *Staff—Headworks.*—After the abolition of the Mettur Headworks Division in March 1935, there were two subdivisions, viz., the Stanley Dam Subdivision and the Sales Subdivision, attached to Salem Division. The Sales Subdivision was sanctioned on a temporary basis to deal mainly with sales of surplus materials and plant left over on completion of the project.

Canal system.—No. II Canal Division, Pattukkottai, and the Special Division, Tanjore, continued during the year. The latter division was abolished on 1st April 1936.

2. *Progress of works, etc.—Headworks—Workshops.*—The workshops, with the buildings, equipment and staff were transferred to the Electricity Department on 1st April 1935 for their use. The distribution of electric supply to works and residences was also taken over by the Electricity Department.

Main dam and supply channel.—There were no improvements or few repairs to the dam during the year.

The low level channel gave some trouble. The revetment on its right bank slipped during the time heavy discharges were allowed in June and July 1935. The dry stone revetments were replaced by masonry walls from the site of the hydraulic jump to the nose drop. The high velocities in the high and low level channels caused several deep scours. They were filled with random rubble masonry.

The lake level at the end of the irrigation season was 59.5, it rose to 63.20 at the end of March 1936, about 30 feet higher than the level on the date last year. Leakage through the drainage gallery decreased.

Disposal of surplus plant.—The realization by sales of special tools and plant during the year amounted to Rs. 2,13,000. Much of the plant was transferred to Electricity Department. The sale of surplus materials amounted to Rs. 6,48,000. The surplus stock was revalued during the year with a view to fix prices on the basis of rates prevailing in the open market. The depreciation adjusted on this account amounted to Rs. 1,88,000 against the original value of Rs. 3,89,000.

Miscellaneous.—There were three mild earthquake shocks in October and November 1935, but no damages to works or property resulted. The matter is being specially investigated by the Government of India Geological Department.

CANAL SYSTEM.

Grand Anicut Canal System—Main Canals and Branches.—Two regulators and 12 cross drainage works below Pudupatnam head and 3 bridges were completed during the year. The office and staff quarters at Ayangudi, the temporary inspection bungalows at Panangulam and Karavayal and lascars' quarters at Merpanaikad and Ammanichatram head were also completed.

The excavation of the Grand Anicut Canal below R.D. 24-65 was completed.

Distributaries.—The syphon aqueduct at 1/5102 and the aqueduct at 3/4684 of the Grand Anicut Extension channel were completed. All masonry works including pipe sluices in the distributaries taking off between R.D. 3060 and 35/8038 of Grand Anicut Canal were completed. Works in Pannavoyal channel were in progress.

Out of a total of 2,700 units, 1,800 units of earth work in the Tiruvappadi channel were done. The excavation of the Grand Anicut Extension, Anavoyal, Ammanichatram and Anandavallipuram channels was nearing completion. The widening of the Pannavoyal channel was in progress. Excavation of all minor distributaries, except a few, was completed.

Heavy plant and machinery.—Except $2\frac{1}{2}$ miles of track and 70 tipping wagons, all the other heavy plant and machinery were disposed of. Five pumping sets and portable concrete mixers were sent to P.W.D. Workshops.

3. *General.*—The capital outlay during the year amounted to Rs. 5.39 lakhs and to the end of the year Rs. 665.08 lakhs, against the total estimate of Rs. 7.37 crores.

Kattalai Scheme—Kattalai High Level Channel.—The outlay during the year was Rs. 1,63,383, and to the end of the year Rs. 12,03,373. Supply is now being given as far as the 35th mile. A fairly large area has already been brought under cultivation and the ryots are eagerly looking forward to the completion of the channel.

Kattalai North Bank Canal.—The outlay during the year was Rs. 5,679 and to the end of the year Rs. 3,40,435. The work has been completed.

Basavannah Channel Extension.—The improvements to the Mukurthi Odai were completed during the year. Work on distributaries was in progress. The total expenditure to the end of the year amounted to Rs. 5,66,439, against the sanctioned estimate of Rs. 5.93 lakhs.

Thippayapalem Project—Constructing a storage reservoir on the Rallavagu near Thippayapalem—Main bund.—All the works as per sanctioned plans and estimates were completed, but the newly formed earthen bund gave way owing to heavy rainfall in the catchment basin and sudden rise of water in the reservoir.

The total expenditure to the end of the year amounted to Rs. 3.65 lakhs, against the sanctioned estimate of Rs. 4.07 lakhs.

Rushikulya System—Excavating the Girisola channel.—(Estimate Rs. 2,70,000).—The outlay during the year was Rs. 9,524 and to the end of the year Rs. 2,45,882. The whole project has been completed, except for one syphon in the Vishnuchakram branch channel which is nearing completion.

Nagavalli River System—Excavating the Palavalasa distributary.—(Estimate Rs. 17,000).—The expenditure during the year was Rs. 6,282 and to the end of the year Rs. 7,550.

Godavari Delta System—(1) Improvements to the upper portion of the Yenamadurru drain.—(Estimate Rs. 10,14,684).—The outlay during the year was Rs. 4,416 and to the end of the year Rs. 9,76,451.

(2) *Providing means of irrigation to the waste lands proposed for second crop cultivation in the Godavari Western Delta.*—(Estimate Rs. 19,100).—Outlay during the year was Rs. 826 and to the end of the year Rs. 12,061.

(3) *Providing irrigation facilities to the Government waste lands in Vempa Muthuyalapalli and Losarigutlapadu Ranges.*—(Estimate Rs. 88,885).—Expenditure during the year was Rs. 7,110 and to the end of the year Rs. 58,177.

(4) *Constructing a headsluice to the Venkayya and Weyyeru canal.*—(Estimate Rs. 80,900).—Outlay during the year was Rs. 1,150 and to the end of the year Rs. 76,556.

(5) *Constructing a lock and regulator across the Cocanada canal below the head of the Samalkota canal.*—(Estimate Rupees 70,287).—The work was started during the year and an expenditure of Rs. 15,349 was incurred.

(6) *Installation of 3 feet shutters over the Godavari anicut.*—(Estimate Rs. 4,48,000).—The work was commenced during the year and Rs. 1,92,974 was spent.

(7) *Excavating a channel to the Losarigutlapadu village.*—(Estimate Rs. 1,01,000).—A small outlay of Rs. 100 was incurred to start the work.

(8) *Excavating a channel to the Vemuladevi village.*—(Estimate Rs. 1,10,000).—This was started with an expenditure of Rs. 100.

The following are some of the other important works which were in progress during the year and the total expenditure incurred thereon was Rs. 6,636 :—

(1) Remodelling the Adivicodu channel.

(2) Excavating the Kakinada drain.

Polavaram Island Project—Extending the north and south embankment of the Polavaram Island and constructing outfall sluices.—(Estimate Rs. 63,550).—The outlay during the year was Rs. 32,967 and to the end of the year Rs. 39,702.

Kistna Delta System—(1) Extension of the Kistna East Bank canal.—(Estimate Rs. 28,49,320).—The outlay during the year was Rs. 9,16,256 and to the end of the year Rs. 17,20,935. The first and second reaches of the main canal were nearly completed and there was a small area under wet cultivation. In the third reach, excavation was started. Masonry works (viz.), locks, bridges, etc., were also in progress and many of them were almost finished. In the fourth reach, 4 miles out of $5\frac{1}{2}$ miles of the reach was completed. Masonry works in the reach were nearly completed. The flood bank from 34th to 36th mile was diverted. The work of revetting the canals from the Aqueduct to the Regulator was almost finished.

The aqueduct superstructure consisting of 35 piers and abutments was completed in June 1935; R.C. Troughs in 27 spans were completed at the end of March 1936.

(2) *Improvements to the Pedalanka channel*—(Estimate Rs. 4,28,690).—The outlay during the year was Rs. 1,17,088 and to the end of the year Rs. 2,17,297. Nearly 70 per cent of the earth-work widening of the canal, strengthening its banks in the first 15 miles and 50 per cent of the work below the fifteenth mile were completed. The Daggumalli lock was built during the closure of 1935, and the Korukollu lock completed in September 1935. The canal was opened for navigation in September 1935. The Pothumarru channel was completed and handed over to the Kistna Eastern Division in August 1935 and irrigation under it began during the year.

(3) *Excavation of the Vempad channel*—(Estimate Rupees 1,05,066).—The outlay during the year was Rs. 980 and to the end of the year Rs. 1,02,768. The work has been completed.

(4) *Excavating the Pedakondur channel, Kistna Western Delta*—(Estimate Rs. 47,286).—The outlay during the year was Rs. 35,516 and to the end of the year Rs. 47,377.

(5) *Excavating the Tumulur, Davulur and Kollipara New channels*—(Estimate Rs. 54,071).—The outlay during the year was Rs. 26,292 and to the end of the year Rs. 36,747.

(6) *Excavation of the Kistna West High Level channel*—(Estimate Rs. 7,11,431).—The work was started during the year and an expenditure of Rs. 38,021 was incurred.

Pennar River Canals System—*Extension of irrigation under the Kanigiri Reservoir*—(Estimate Rs. 41,300).—The outlay during the year was Rs. 5,560 and to the end of the year Rs. 33,194. The work was completed.

Cauvery Delta System—(1) *Converting the Cauvery-Arasalar Dam into a Regulator*—(Estimate Rs. 36,000).—The expenditure during the year was Rs. 1,696 and to the end of the year Rs. 33,196. The work was completed.

(2) *Improvements to the Odambogiyar*—(Estimate Rupees 40,500).—The outlay during the year was Rs. 7,462 and to the end of the year Rs. 33,997.

(3) *Improvements to Thillairilagam and Pallimodu channels under Virancayal Regulator*—(Estimate of Rs. 32,400).—The outlay during the year was Rs. 10,953 and to the end of the year Rs. 19,639.

(4) *Conversion of three dams across the Pamaniyar into Regulators*—(Estimate Rs. 58,700).—The outlay during the year was Rs. 1,392, and to the end of the year Rs. 48,812. The work was completed.

(5) *Remodelling the third reach of the Pandavayar*—(Estimate Rs. 49,510).—The work was started during the year and an expenditure of Rs. 6,816 was incurred.

Vriddhachalam Anicut System—*Excavating a new supply channel to Kattalai and Upper Adanur tank from Sathapadi Dam*—(Estimate Rs. 14,800).—The outlay during the year was Rs. 1,336 and to the end of the year Rs. 14,340. The work has been completed.

II. Works for which Capital and Revenue Accounts are not kept.

Kistna Central Division—*Formation of a new tank in Paidurpad village*—(Estimate Rs. 25,360). The outlay during the year was Rs. 2,870 and to the end of the year Rs. 19,058. The work has been completed.

Nellore division—*Improvements to the Chamadala tank and supply channel*—(Estimate Rs. 37,870). The outlay during the year was Rs. 2,132 and to the end of the year Rs. 25,712.

Kurnool division—(1) *Restoration of the Kothapalli Spring channel*—(Estimate Rs. 22,800). The outlay during the year was Rs. 7,960 and to the end of the year Rs. 19,203, inclusive of the amount spent out of contribution.

(2) *Restoration of the Pedasettipalli channel*—(Estimate Rs. 44,900).—The work was started during the year and the expenditure incurred was Rs. 10,970.

Salem division—*Restoration of the Gudamalai tank and supply channel*—(Estimate Rs. 37,700).—The outlay during the year was Rs. 4,409 and to the end of the year Rs. 29,035.

Trichinopoly division—(1) *Improvements to Musiri Nattu Vaikal*—(Estimate Rs. 46,460).—The outlay during the year was Rs. 981 and to the end of the year Rs. 36,236.

(2) *Excavation of the Puduvoithalai High Level channel for the irrigation of sanded areas of the Murungapettai block*—(Estimate Rs. 73,000).—The outlay during the year was Rs. 11,998 and to the end of the year Rs. 51,789.

(3) *Restoring the Neiveli anicut and channel and restoring the Neiveli, Sitambur and Komangalam tanks*—(Estimate Rupees 38,000).—The outlay during the year was Rs. 3,991 and to the end of the year Rs. 28,273.

B. SEASON, RAINFALL AND SUPPLY.

Rushikulya System.—During the year, the rainfall was poor, and not timely. There was little rain at the end of the season. There was great scarcity for water, and supply was insufficient for tail-end lands. The Surada reservoir was therefore opened and water let down the canal by adopting a system of turns. The demand was met with great difficulty. There was however no loss of crop.

The average rainfall in the catchment area was 44.64 inches against 43.10 inches in the previous year. Rain gauges were read at six stations and the quantity recorded was 36.07 inches in the south-west monsoon and 2.68 inches in the north-east monsoon. The rainfall was on the whole normal.

Ganjam Minor Rivers System.—The rains commenced early and the first crop cultivation started in time, transplantation being completed by the end of August. There was no scarcity till October 1935, when complaints were received. Arrangements were then made for the construction of a Korambo. Difficulty was felt in

supplying water as the north-east monsoon failed and the water levels in the river fell down rapidly. Though there was no loss of crop, the yield was reported to be below normal.

Nagavalli River System.—The Nagavalli main channel was opened for first crop on the 15th June 1935. Though the river was low, sufficient water was available on account of rains for timely transplantation. The rains in August were below normal; there were no rains in November. The river fell very low and it was with great difficulty that supply could be given for the last few wettings of the first crop. The yield is however reported to have been generally good. The channel was opened for second crop on the 11th January 1936. Gingelly and ragi were grown on the greater part of the area. Sugarcane and Chittada paddy were grown in small areas. Owing to the untimely rains in February, the gingelly crop was badly damaged but the other crops were not affected. The channel was closed on the 28th February 1936.

Godavari Delta System.—Rainfall was below average in the first-crop season but a good supply in the canals made up for it. The river rose on 25th June 1935 and the water-supply was thereafter steady. Transplantation was completed in time over the whole of the delta, but till the end of June, some difficulty was felt in the interior tracts due to the poor rainfall and inadequate supplies. The first-crop season was on the whole good except in the Western Delta, where a paddy pest spoiled basangi crop in some areas. Supply during the second-crop season was satisfactory though turns had to be arranged to irrigate high lands in the Eastern Delta. Due to unusual rains in February 1936, there was some loss of crop and fodder in the Western Delta and gingelly crop suffered in the Eastern Delta. Second crop was allowed in the Western Delta, outside sanctioned zones on lands where first crop failed due to the paddy pest.

Kistna Delta System.—The Kistna was low when the canals were opened in the first-crop season. There were a few showers in the Eastern Delta, before the floods arrived on the 17th June 1935. During transplantation season, timely rains helped and transplantation was finished without much difficulty. The crop yield is reported to be fair.

In the Western Delta, the rainfall was low in June, normal in July and August and heavy in September. River supply was poor during the transplantation season.

Divi Pumping System.—The river was low and brackish till the end of June. Pumping was started on 1st July 1935 and closed on 26th November 1935. Rainfall was less than in the previous year. On account of deficiency of rain in the latter part of the season, eight engines and pumps had to be worked (against 5 in the previous year) to meet the demand. Transplantation was commenced on 13th July 1935 and completed by 31st August 1935. Rains in July and August were insufficient to supplement the canal supply for transplantation. The period of high floods in the river was very short and there was direct flow into the canal only for 4 days against

11 days in 1934 and 31 days in 1933. On the whole, the supply and the yield from crops were fair during the season.

Pennar River Canals System.—The south-west monsoon brought timely freshes in the river. The north-east monsoon rains were very deficient. However there was sufficient supply for first crop in the delta, while second crop was raised on an area of 1,800 acres.

Cauvery Delta.—The condition was fair throughout, except for a few days in November when there was a disturbance due to cyclone.

Grand Anicut Canal, Cauvery-Mettur Project.—Partial failure of south-west monsoon led to a great demand for water in the proprietary areas. Rainfall during the north-east monsoon was heavy. There were untimely rains in February and March.

Periyar System.—The general condition of crops was below normal and water-supply was not always sufficient. The season was not favourable. In the beginning, Periyar lake was extremely low and the irrigation season for first crop had to be postponed from 1st to 15th June and for the second crop from 15th August to 15th September. The Periyar head sluice was opened for irrigation at 6 p.m. on 15th June 1935, with the lake level at + 117.35, and was closed at 6 p.m. on 15th March 1936 with level at + 128.55. The highest level to which water in the Periyar lake rose during the year was 150.35 on 29th November 1935, as against an F.T.L. of 152.00.

There were floods in the Vaigai river in November and on 16th November 1935, the front reading at Peranai regulator was 12.75' with a rear reading of 10.65' all the gates being opened by 11'.

Srivaikuntam Anicut System.—The season was late and supply inadequate. Both the monsoons were late, poor and untimely.

C. CLOSURE OF CANALS.

The following table shows the dates of closure and re-opening of canals in the Godavari and Kistna deltas :—

<i>Godavari delta.</i>		
Canals.	Date of closure.	Date of re-opening.
Eastern delta canals ..	24th April 1935 ..	1st June 1935.
Central delta canals ..	15th April 1935 ..	23rd May 1935.
Western delta canals ..	27th April 1935 ..	4th June 1935.
Dummagudem canals..	31st March 1935..	10th June 1935.
<i>Kistna delta.</i>		
Canals.	Date of re-opening.	Date of closure.
Kistna Eastern delta—		
Main canal ..	15th May 1935 ..	15th March 1936.
Bandar canal ..	Do. ..	1st March 1936.
Ryves canal ..	Do. ..	Do.
Ellore canal ..	1st June 1935 ..	15th March 1936.
Kistna Western delta—		
All canals ..	1st June 1935 ..	16th March 1936.

D. INDUSTRIAL CROPS.

The area under sugarcane in the systems for which capital and revenue accounts are kept during the year was 23,748 acres (chiefly in the Godavari and Kistna deltas, and in Hospet taluk of Bellary district), against 20,562 acres in the previous year. The increase occurred mainly under the Kistna delta. Thirty-one acres of indigo was grown under the Pennar River Canals against 28 in the previous year.

E. WORKS FOR WHICH CAPITAL AND REVENUE ACCOUNTS ARE NOT KEPT.

1. *Irrigation works*.—The number of works in this class during the year was as shown below :—

	Channels.	Tanks.	Other works.	Total.
In charge of Public Works Department.	541	2,761	..	3,302
In charge of Revenue Department ..	5,461	25,604	1,674	32,739
Total ..	6,002	28,365	1,674	36,041

2. The area irrigated, the outlay and the revenue from works of this class are dealt with in paragraph 9 of Chapter II.

3. The subjoined statement shows the details of outlay during the year.

Statement showing the outlay in 1935-36 on works for which neither Capital nor Revenue accounts are kept—Irrigation works by minor heads.

Minor heads.	Ordinary minor works.		Old maintenance charges.	Tank Restoration Scheme works.	Total.
	Public Works Department works.	Revenue Department works in charge of Public Works Officers.			
	Rs.	Rs.	Rs.	Rs.	Rs.
Works	73,365	..	..	..	73,365
Extensions and improvements ..	71,449	1,306	41,957	..	1,14,712
Maintenance and repairs ..	10,18,649	23,153	2,53,538	61,863	13,60,203
Establishment ..	3,09,338	4,115	1,10,425	18,616	4,42,494
Tools and plant ..	1,693	27	274	468	2,462
Miscellaneous expenditure ..	1,23,681	..	..	..	(a) 1,23,681
Total ..	15,98,175	28,601	4,09,194	80,947	21,16,917
Add outlay by Civil officers on minor irrigation works ..	..	..	..	..	(b) 12,77,388
Grand total ..	..	..	..	..	33,94,305

(a) Represents outlay on other charges, establishment and tools and plant.

	Rs.
(b) Works	13,540
Maintenance and repairs ..	10,22,717
Establishment	2,41,131
Tools and plant	..
Total ..	12,77,388

PUBLIC WORKS DEPARTMENT (IRRIGATION BRANCH), 1935-36 21

4. The particulars of revenue from the works during the year are compared below with those of the previous year.

	1934-35.	1935-36.
	RS.	RS.
Irrigation revenue	85,60,502	95,35,736
Receipts collected by the Public Works Department	68,027	68,874
Total ..	86,28,529	96,04,610

5. The net revenue of the year after deducting working expenses amounted to Rs. 63,06,656 against Rs. 48,51,236 in the previous year.

6. The progress made in the investigation and execution of Tank Restoration Scheme works is dealt with in paragraph 10 of Chapter II. The following table shows by districts the work done during and up to the end of the year 1935-36.

Table showing the districts and works done during and up to the end of the year 1935-36.

Circle.	District.	Approximate area investigated.		Number of estimates sanctioned.		Amount of estimates sanctioned.	
		During the year 1935-36.	To the end of the year 1935-36.	During the year 1935-36.	To the end of the year 1935-36.	During the year 1935-36.	To the end of the year 1935-36.
		SQ. MLS.	SQ. MLS.			RS.	RS.
Waltair ..	Ganjam ..	Nil.	36	..	31	..	7,198
	Vizagapatam ..	..	1,814	..	463	690	..
	East Godavari ..	..	147	* 18	918	19,743	15,44,311
Dowlaiswaram ..	West Godavari ..	..	2,409	..	160	..	2,40,888
	Kistna ..	..	1,491	..	257	..	2,04,724
	Guntur ..	..	4,411	..	474	..	6,13,994
Bezwada ..	Nellore ..	..	7,300	..	340	..	8,33,682
	Kurnool ..	..	7,848	..	1,319	360	11,80,692
	Cuddapah ..	..	4,650	..	251	485	3,44,321
Madras ..	Bellary ..	..	10,518	..	789	3,070	10,69,692
	Anantapur ..	..	7,830	..	2,050	2,730	32,45,001
	Chingleput ..	..	2,227	2	602	679	5,86,768
Chittoor ..	Chittoor ..	..	1,583	1	..	4,050	..
	North Arcot ..	..	4,659	1	2,001	450	27,03,632
	North Arcot ..	..	8,097	..	149	..	3,10,079
Coimbatore ..	Coimbatore ..	..	6,052	..	1,271	..	11,19,147
	Salem ..	..	851	..	723	..	16,29,113
	South Arcot ..	..	1,140	..	610	..	7,94,940
Tanjore ..	Tanjore ..	..	4,564	1	600	8,570	12,36,720
	Trichinopoly ..	..	4,836	..	1,644	..	14,95,984
	Madura ..	..	1,970	1	969	1,885	13,42,766
Trichinopoly ..	Tinnevely ..	..	1,643	..	8	..	2,33,325
	Ramnad ..	..	..	..	..	..	..
	Total ..	6	85,376	26	15,723	56,474	2,02,37,186

* The Revenue figures of East Godavari district for 1934-35 have since been included. Those for 1935-36 have not however been shown.

Navigation, Embankment and Drainage Works.

7. The receipts realized by the sale of plantation and produce of trees along river embankments amounted to Rs. 84,896, against Rs. 60,916 in the previous year.

8. The expenditure was Rs. 9,06,726, against Rs. 8,67,705 in the previous year, as detailed below :—

	1935-36.	1934-35.
	RS.	RS.
Works	3,043	4,588
Extensions and improvements ..	5,373	8,727
Maintenance and repairs	6,78,135	6,22,364
Establishment	2,15,895	2,25,727
Tools and plant	3,471	5,334
Other charges	809	965
Total ..	9,06,726	8,67,705

MADRAS,
23rd December 1936.

F. M. DOWLEY,
Chief Engineer for Irrigation.

APPENDIX I

APPENDIX I.

STATISTICAL STATEMENTS (Prescribed by the Secretary of State).

A-I.—Statement of Canals in the Madras Presidency for the year 1935-36.

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Source of supply of water	Nagavalli river system.	River Nagavalli.	Godavari River Godavari.	Kistna delta system.	Divi pumping system.	Pennar river canals system.	Kurnool-Cuddapah canal.	Pokey ancient system.	Cheyvar ancient system.
Minimum discharge of river	75	2,095	14,510	13,284	718	8,392	227	NIL.	NIL.
Maximum discharge of main canals, as designed	414	13,991	12,339	685.1	7,555	2,035	2,000	3,217	1,542
Maximum discharge during the year	418	42.36	35.39	35.16	27.32	26.72	2,035	1,871	1,926
Average rainfall for the year	43.16	1,295,000	1,350,400	100,000	258,600	383,115	49,26	42,560	45.95
Gross area commanded	49,920	1,122,500	1,000,000	80,000	190,000	357,569	23,824	23,824	29,461
Culturable area commanded	31,200	840,000	968,000	50,000	165,385	130,282	23,824	23,824	23,629
Area irrigable by complete project	27,638	810,000	810,000	42,000	162,500	123,419	22,462	22,462	22,637
Area irrigable at present	27,500								
Sanctioned estimate—									
Direct charges	17,47,770	1,10,89,332	1,42,13,010	19,50,000	47,80,289	1,76,35,000	2,97,178	4,42,925	
Indirect charges	68,530	19,34,864	9,81,160	48,000	10,06,096	11,754	6,379	11,754	
Interest during construction	2,93,217	1,11,38,052	1,28,24,716	3,23,617	22,83,418				
Total, Estimate	21,09,517	2,41,62,248	2,80,18,886	23,21,617	80,74,803	1,76,35,000	2,73,557	4,54,679	
Expenditure to end of 1935-36—									
Direct charges	17,02,165	1,65,70,789	2,08,00,553	25,91,505	58,58,203	2,33,13,676	2,95,106	5,22,995	
Indirect charges	42,506	11,78,851	96,15,269	61,638	10,16,451	78,438	8,812	16,187	
Interest during construction	2,93,217	99,82,397	96,15,269	3,09,819	25,84,125				
Total, Expenditure	20,37,898	2,86,13,536	3,15,94,673	29,62,962	94,57,779	2,33,87,114	3,03,918	5,39,182	
Works completed at end of 1935-36—									
Main canals, irrigation	64½	509 5/8	349½	50	30½	417½	{	55	21
Branch canals, irrigation	47½	1,887	2,19½	120½	477	294½		49	120
Distributaries								78	
Of above—									
Navigable		490½	382½				75		

A-1.—Statement of Canals in the District of Madras.							
Source of supply of water	Trunkoyilur system.	Shattatope ancient system.	Lower Coleroon ancient system.	Cauvery delta system.	Strivakuntam ancient system.	Ganjam minor rivers system.	Muniyern system.
	(10)	(11)	(12)	(13)	(14)	(15)	(16)
	River Ponmalar.	River Vellar.	River Coleroon.	River Cauvery.	River Tambraparni.	Rivers Langulya, Vamsadriara and Garibulla-gedda drain.	River Muniyern.
Minimum discharge of river	134	136	..	..	..	Not known.	300
Maximum discharge of main canals, as designed.	1,271	850	2,377	43,750	1,860	..	319
Maximum discharge during the year.	773	1,020	2,551	30,330	15,253	..	35,065
Maximum rainfall for the year	38.86	48.17	47.78	53.24	34.61	31.93	14,471
Average rainfall for the year	54,895	108,069	158,926	1,706,023	89,000	88,010	13,024
Gross area commanded	43,977	33,935	117,233	909,034	83,500	70,000	10,580
Culturable area commanded	28,000	31,000	110,318	908,375	26,000	67,000	10,000
Area irrigable by complete project	28,000	32,000	107,928	900,928	26,000	66,800	10,000
Area irrigable at present	..	..	..	..	..	..	..
Sanctioned estimate—							
Direct charges	Rs. 3,68,759	9,15,245	18,69,597	16,62,925	13,61,520	2,58,182	6,71,434
Indirect charges	9,189	37,271	71,259	1,66,767	1,15,286	10,203	25,000
Interest during construction	..	..	..	..	7,49,577	..	..
Total, Estimate	3,75,948	9,72,516	19,40,856	18,29,692	22,26,383	2,68,385	6,99,434
Expenditure to end of 1935-36—							
Direct charges	Rs. 3,89,189	10,29,416	29,13,423	27,49,768	16,67,459	2,78,196	5,71,399
Indirect charges	10,001	59,671	88,246	9,61,273	1,07,604	11,030	29,751
Interest during construction	..	..	..	13,37,765	8,67,827	..	..
Total, Expenditure	3,99,190	10,39,087	30,01,669	93,48,806	26,42,890	2,89,226	6,01,150
Works completed at end of 1935-36—							
Main canals, irrigation	57 Miles.	3	94	1,258½	28	119	21½
Branch canals, irrigation	80	38	289	3,205	46	225	34
Distributaries	28.23	149	620	..	..	..	6½
Of above—							
Of Navigable	..	..	..	..	..	..	..

A-I.—Statement of Canals in the Madras Presidency for the year 1935-36—cont.

[illegible]

A-I.—Statement of Canals in the Madras Presidency for the year 1935-36—cont.

Source of supply of water	Nandiyar channel system. (26)	Marudur ancient system. (27)	Nagavaram ancient and supply channel. (28)	Kaniam-palayam aicut. (29)	Polavaram Island project. (30)	Kattalai south bank canal. (31)	Ganjam-Gopalpur canal. (32)	Buckingham canal. (33)	Vedaranni-yan canal. (34)
Minimum discharge of river ..	..	..	77.08	..	13	..	..	..	..
Maximum discharge of main canals, as designed ..	237	1,595	78	27.56	292	1,411	..	..	..
Maximum discharge during the year ..	201	1,444	78	..	244	1,186	..	..	..
Average rainfall for the year ..	40.53	34.01	34.70	28.22	97.71	3,836	..	..	..
Gross area commanded ..	9,480	35,840	894	1,600	23,193	40,000	..	..	..
Culturable area commanded ..	9,480	17,920	894	1,600	18,943	40,000	..	..	..
Area irrigable by complete project ..	7,295	17,920	894	400	17,500	40,000	..	..	..
Area irrigable at present ..	7,084	17,920	894	213	17,500	36,623	..	..	..
Sanctioned estimate—									
Direct charges ..	63,231	50,541	1,07,295	1,36,343	17,97,194	42,96,845	1,43,100	85,56,015	1,32,699
Indirect charges ..	2,484	1,265	2,595	3,757	24,463	71,381	12,393	4,88,256	3,733
Interest during construction ..	..	..	..	..	..	..	..	..	..
Total, Estimate ..	65,715	51,806	1,09,890	1,40,100	18,21,657	43,68,226	1,55,493	90,44,271	1,36,432
Expenditure to end of 1935-36—									
Direct charges ..	63,231	58,721	1,07,295	1,07,221	16,46,273	38,12,748	1,43,100	85,92,529	1,32,699
Indirect charges ..	2,484	1,401	2,595	3,853	27,229	90,481	12,393	4,89,464	3,733
Interest during construction ..	..	..	..	..	..	..	..	..	..
Total, Expenditure ..	65,715	60,122	1,09,890	1,11,074	16,73,502	39,03,229	1,55,493	90,81,993	1,36,432
Works completed at end of 1935-36—									
Main canals, irrigation ..	31	29	2	10½	..	18½	..	262	35½
Branch canals, irrigation ..	..	..	..	..	44½	..	..	..	..
Distributaries ..	..	7½	..	..	..	..	..	..	..
Of above—									
Navigable ..	..	..	..	..	..	..	..	262	31½

A-II.—Statement of Reservoir Projects in the Madras Presidency for the year 1935-36.

Source of supply of water	Barur tank. (1)	Periyar system. (2)	Rushikulya system. (3)	Jangam-maheswaram tank. (4)	Arnakur tank. (5)	Dondapad tank. (6)	Hajipuram tank. (7)	Ponnalur tank. (8)
Area of catchment ..	2,082	239	1,751	60	105	56	100	32.14
Average rainfall during the year ..	28.46	75.46	44.60	23	23	26.72	30.93	30.18
Contents of tank between levels of Mill. c.ft. surface of full supply and sill of canal head sluice ..	248.6	9,815	2,736.2	79	164	288.38	309	180.512
Gross area commanded ..	605	10.20	5,003	619	575	705	1,600	719
Cultivable area commanded ..	6,887	768,000	230,880	960	1,700	3,240	2,900	1,973
Area irrigable by complete projects ..	6,887	Not known.	142,000	280	1,160	2,880	2,900	1,973
Area irrigable at present ..	3,750	143,000	120,000	280	480	250	700	1,000
Sanctioned estimate—								
Direct charges ..	4,00,000	84,71,000	45,53,000	61,253	1,09,951	1,24,786	2,78,774	1,90,887
Indirect charges ..	25,300	2,79,000	3,92,820	10,411	13,428	15,218	33,109	25,011
Interest during construction ..	41,439	16,23,606	14,91,004	..	..	..	..	..
Total, Estimate ..	4,66,739	1,08,73,606	64,36,824	71,664	1,23,379	1,40,004	3,11,883	2,15,898
Expenditure to end of 1935-36—								
Direct charges ..	4,19,375	1,04,64,627	51,83,148	61,253	1,11,959	1,24,786	2,78,774	1,92,975
Indirect charges ..	23,788	3,71,027	4,27,117	10,411	13,444	15,218	33,109	25,074
Interest during construction ..	80,175	16,06,402	16,09,901	..	..	..	..	..
Total, Expenditure ..	5,23,288	1,24,42,056	72,80,166	71,664	1,25,403	1,40,004	3,11,883	2,18,049
Works completed to end of 1935-36—								
Dam (height completed) ..	28 (earth)	178	57.7 (earth)	24	33	23 (partly earth and partly masonry).	6 (masonry).	51½
Canals ..	11	152	98	..	..	..	..	..
Distributaries ..	26	116	230	5½	4½	6½	4½	7

A-II.—Statement of Reservoir Projects in the Madras Presidency for the year 1935-36—*cont.*

Source of supply of water	Anasasamudram tank.	Yerur tank.	Cumbum tank.	Markapur tank.	Madras water-supply tank and irrigation system.	Chembarambakkam tank.	Bhavanasai tank.
	(9)	(10)	(11)	(12)	(13)	(14)	(15)
.. .. .	Beraperu river.	Rainfall and surplus of upper tanks and also spill from Chalkalva branch of Swarnamuki.	Gundlakamma and Jampuru rivers.	Gundlakamma river.	Kortalyar river.	Coomu river.	Rainfall.
If supplied by } Area of catchment .. Sq. miles. rainfall. } Average rainfall during the year. Contents of tank between levels of Mill. c.ft. surface of full supply and sill of canal head sluice.	23-62 22-10 90-67	60-50 37-37 317-69	430 24-59 2,942-17	270-25 24-66 124-52	34 50-01 2,729-864	100 44-85 3,146	48 24-46 174-64
Area of surface at full supply .. Acres.	474	3,285	5,697	811	5,361	5,729	650
Gross area commanded .. "	1,000	3,176	7,860	1,931	16,129	32,554	2,700
Cultivable area commanded .. "	1,000	3,176	6,000	1,701	10,165	24,478	2,448
Area irrigable by complete projects. .. "	1,000	1,500	6,000	1,701	9,852	18,000	841
Area irrigable at present .. "	1,000	1,470	5,980	1,583	9,852	18,000	841
Sanctioned estimate—							
Direct charges .. Rs.	71,687	61,741	83,985	1,16,657	15,47,123	6,48,970	2,02,289
Indirect charges .. "	1,886	1,612	2,388	4,001	2,38,945	1,12,547	6,711
Interest during construction .. "	..	..	..	..	..	..	47,173
Total, Estimate .. "	73,573	63,353	86,373	1,20,658	17,86,068	7,61,517	2,56,173
Expenditure to end of 1935-36—							
Direct charges .. Rs.	71,687	61,741	83,985	1,24,481	16,28,864	6,51,348	2,54,995
Indirect charges .. "	1,886	1,612	2,388	4,869	2,40,054	1,12,795	11,098
Interest during construction .. "	..	..	..	..	..	..	28,808
Total, Expenditure .. "	73,573	63,353	86,373	1,29,340	18,63,918	7,64,143	2,95,297
Works completed to end of 1935-36—							
'Dam (height completed) .. Feet.	..	..	56 (earth)	22 (earth)	30 (earth)	25 (earth)	20 (partly earth and partly masonry)
Canals .. Miles.	..	..	..	7½	11½	10½	6½
Distributaries .. "	..	..	28½	..	..	..	..

APPENDIX I

A-II.—Statement of Reservoir Projects in the Madras Presidency for the year 1935-36—*cont.*

Source of supply of water	Yellanur tank.	Venkata-puram tank.	Siddapur tank.	Panjanatti reservoir.	Monad reservoir.	Toludur (Willington) reservoir.	Canavery-Mettur project.
	(16)	(17)	(18)	(19)	(20)	(21)	(22)
.. .. .	Catchment and basin supply from Chitravati river.	Free basin and supply from Dhone river.	Bhavanasai and other vagus.	Drainage basin.	Manneru river.	Vellar river and rainfall.	Canavery river.
If supplied by } Area of catchment .. Sq. miles. rainfall. } Average rainfall during the year.	20-5 31-75	51 27-65	45 39-49	..	250 17-29	50 43-94	16,300 107-26 (hilly portion) 30-37 (plain portion) 98,500
Contents of tank between levels of Mill. c.ft. surface of full supply and sill of canal head sluice.	342-5	237	636	..	2,007	2,591-58	..
Area of surface at full supply .. Acres.	2,617	448	1,125	..	3,100	3,946	59-25
Gross area commanded .. "	1,707	1,700	4,900	..	13,890	38,400	497,200
Cultivable area commanded .. "	1,681	1,700	4,250	..	13,890	38,400	497,200
Area irrigable by complete projects. .. "	955	340	1,000	..	12,500	27,670	332,000
Area irrigable at present .. "	925	340	1,000	..	12,500	25,000	177,000
Sanctioned estimate—							
Direct charges .. Rs.	2,85,711	3,31,776	9,21,980	3,36,090	21,97,000	29,60,000	7,23,11,030
Indirect charges .. "	30,089	14,824	26,620	68,510	1,00,000	2,50,000	18,97,000
Interest during construction .. "	..	..	..	..	..	..	1,72,19,655
Total, Estimate .. "	2,65,800	3,46,600	9,48,600	4,04,600	22,97,000	32,10,000	9,09,27,655
Expenditure to end of 1935-36—							
Direct charges .. Rs.	2,89,192	3,72,250	7,91,038	3,27,781	21,93,275	28,48,337	6,48,01,482
Indirect charges .. "	30,515	12,671	13,448	11,495	96,422	2,51,159	10,43,174
Interest during construction .. "	..	71,315	..	..	..	..	1,72,19,655
Total, Expenditure .. "	2,69,707	4,56,236	8,04,486	3,39,276	22,89,697	25,99,496	8,30,64,311
Works completed to end of 1935-36—							
Dam (height completed) .. Feet.	15	31	27-5	..	71½ (earth)	50 (earth)	214 (masonry)
Canals .. Miles.	..	3½	6-7/8	..	16-7/8	31½	109
Distributaries .. "	..	..	9	..	84	40	515-5/8

APPENDIX I

B.I.—Capital Accounts of Irrigation, Navigation, Embankment and Drainage Works (classified as 'Productive' and 'Unproductive') for which Capital and Revenue Accounts are kept in the Madras Presidency for the year 1935-36.

30

Works or systems.										
(1)	Works.	Establishment.	Tools and Plant.	Suspense.	Deduct receipts on capital account.	Total.	Indirect charges.	Total excluding interest.	Simple interest.	
(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)		
A.—IRRIGATION WORKS.										
1.—PRODUCTIVE WORKS.										
Cauvery delta system.	To end of previous year.	62,80,410	13,29,065	1,34,497	— 1	14,768	76,79,293	2,80,773	79,39,976	82,17,171
	During the year.	49,969	20,513	83	..	..	70,565	500	71,065	3,14,305
Srivaikuntam anicut system.	To end of previous year.	13,23,683	3,33,353	10,792	..	369	16,67,459	1,07,604	17,75,063	34,09,017
	During the year.	1,21,68,307	31,43,265	9,54,425	..	7,853	1,62,63,139	20,57,462	1,83,20,601	58,490
Godavari delta system.	To end of previous year.	2,38,390	67,456	1,804	..	..	3,07,650	2,888	3,10,538	6,01,962
	During the year.	64,667	16,007	17	..	..	80,691	2,062	82,753	1,73,002
Mehamattur anicut system.	To end of previous year.	872	359	2	..	..	1,233	9	1,242	2,874
	During the year.	1,36,531	29,336	16	..	..	1,66,383	11,063	1,77,446	3,37,199
Thadepalli channel.	To end of previous year.	1,43,789	32,191	..	..	..	1,75,980	4,506	1,80,486	5,558
	During the year.	81,620	20,577	61	..	..	1,02,258	3,666	1,05,924	5,852
Vridhachalam anicut system.	To end of previous year.	1,336	543	2	..	..	1,886	894	2,280	3,738
	During the year.	5,14,255	1,28,958	8,249	..	114	6,51,348	1,12,795	7,64,143	14,79,150
Chenbrambakkam tank.	To end of previous year.	47,925	10,820	— 24	..	..	58,721	1,401	60,122	21,854
	During the year.	47,16,475	9,90,742	1,44,733	..	2,858	58,49,092	10,15,385	68,64,477	1,07,69,934
Pennar river canals system.	To end of previous year.	6,538	2,662	11	..	..	9,111	65	9,176	1,97,243
	During the year.	1,14,505	26,264	..	..	..	1,40,769	3,676	1,44,445	2,93,139
Arankota channel.	To end of previous year.	8,18,375	70,709	105	..	..	2,89,189	10,001	3,99,190	4,681
	During the year.	..	..	..	..	..	..	..	..	7,06,239
Thukkoyilur anicut system.	To end of previous year.	..	..	..	..	..	..	..	..	13,303
	During the year.	..	..	..	..	..	..	..	..	..

APPENDIX I

APPENDIX I

Shadistope anicut system.	To end of previous year.	9,02,593	1,25,388	658	..	10,29,139	59,669	10,88,808	10,27,099
During the year.	197	80	730	..	..	977	2	279	36,087
Cheyar anicut system.	To end of previous year.	4,17,345	1,09,217	..	..	5,27,562	15,173	5,36,415	9,31,588
During the year.	1,412	335	6	..	..	1,753	14	1,767	18,919
Cumbum tank.	To end of previous year.	68,701	15,234	..	..	83,935	2,388	86,373	1,38,354
During the year.	2,34,263	60,576	267	..	..	2,95,106	8,812	3,03,918	2,793
Polney anicut system.	To end of previous year.	80,22,303	16,90,738	7,66,897	..	21,311	3,71,027	1,08,35,654	6,08,632
During the year.	1,51,94,421	35,59,749	7,28,566	..	23,767	1,94,88,404	11,57,227	2,06,45,631	10,738
Periyar system.	To end of previous year.	11,56,701	1,56,330	648	..	1,899	21,624	13,33,773	3,50,724
Kistna delta system.	To end of previous year.	51,476	11,755	..	..	63,231	2,484	65,715	3,02,03,222
Nandiyar channel system.	To end of previous year.	2,27,662	50,107	427	..	2,78,196	11,030	2,89,226	748,783
Ganjam minor river system.	To end of previous year.	24,57,252	4,42,566	19,780	..	29,13,423	88,246	30,01,669	83,313
Lower Coleroon anicut system.	To end of previous year.	15,18,432	3,58,096	6,77,467	..	25,51,505	61,638	26,53,143	21,92,886
Divi pumping system.	To end of previous year.	15,33,598	4,63,502	3,05,986	..	23,46,221	2,51,105	25,99,326	97,396
Toludur reservoir project.	To end of previous year.	12,39,851	3,54,035	13,940	..	16,03,727	54	16,30,627	17,51,044
Polavaram Island project.	To end of previous year.	5,96,78,297	58,20,496	2,97,331	..	64,93,658	10,33,248	6,59,69,406	1,73,90,339
Cauvery-Mettur Project.	To end of previous year.	5,33,660	2,04,539	— 373	..	— 1,34,676	9,926	— 1,24,750	80,275
Kattalai scheme.	To end of previous year.	31,66,853	3,72,160	52,683	..	35,84,221	84,360	36,68,601	32,04,520
During the year.	1,69,082	61,995	— 117	1,590	823	2,89,527	6,101	2,34,628	7,50,976
Total A. Irrigation Works—1. Productive Works.	To end of previous year.	12,05,27,539	1,96,39,956	41,14,553	3,91,016	14,84,25,417	67,63,721	15,01,89,138	18,18,02,825
During the year.	21,96,136	5,24,081	2,315	— 2,21,205	6,60,240	18,41,137	41,906	18,83,043	61,90,189

2. UNPRODUCTIVE WORKS.

Kurnool-Cuddapah canal.	To end of previous year.	1,90,93,092	3,80,864	40,84,003	..	2,44,233	73,438	2,33,87,114	4,31,25,520
During the year.	3,35,765	76,701	6,931	..	..	4,19,375	23,738	4,43,113	7,82,416
Barur tank.	To end of previous year.	..	..	..	..	..	..	..	7,31,051
During the year.	..	..	..	..	..	..	..	..	13,946

31

B.1.—Capital Accounts of Irrigation, Navigation, Embankment and Drainage Works (classed as 'Productive' and 'Unproductive') for which Capital and Revenue Accounts are kept in the Madras Presidency for the year 1935-36—cont.

Works or systems.	Direct charges (net expenditure).								
	Works.	Establishment.	Tools and Plant.	Suspense.	Deduct receipts on capital account.	Total direct.	Indirect charges.	Total excluding interest.	Simple interest.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
A.—IRRIGATION WORKS—cont.									
2. UNPRODUCTIVE WORKS—cont.									
Vallur ancient system. To end of previous year.	60,662	13,679	25	..	..	74,366	1,916	76,282	1,65,473
Madras water-supply and irrigation system. During the year.	13,92,995	2,30,243	6,928	..	1,302	16,23,864	2,40,054	18,63,918	2,046
Pelandora ancient system. To end of previous year.	5,20,637	1,17,426	6,037	..	798	6,43,302	48,772	6,92,074	37,75,841
Palar ancient system. To end of previous year.	18,50,071	4,69,061	30,042	..	672	23,48,502	1,17,304	24,65,806	11,47,286
Rushikulya ancient system. To end of previous year.	41,72,839	9,25,123	1,31,761	..	65,853	51,66,870	4,26,045	55,92,915	21,912
Muniyeru system. To end of previous year.	9,871	6,860	47	..	1,732	16,278	1,072	17,350	78,501
Dondapad tank. To end of previous year.	4,64,796	1,04,516	3,728	..	..	5,71,308	29,751	6,01,059	72,84,290
Yerur tank. To end of previous year.	1,05,348	18,945	..	..	7	1,24,786	15,218	1,40,004	1,80,168
Sagleru system. To end of previous year.	50,219	11,522	..	..	..	61,741	1,612	63,353	7,57,882
Atmakur tank. To end of previous year.	3,54,321	80,339	12,449	..	1	4,47,108	17,619	4,64,727	19,037
Jangamaheswaram tank. To end of previous year.	92,765	19,191	3	..	..	1,11,959	13,444	1,25,403	1,82,616
Anamasamudram-Berseru tank. To end of previous year.	52,564	8,689	..	..	..	61,253	10,411	71,664	4,149
	58,421	13,266	..	..	..	71,687	1,866	73,573	63,448
	..	..	..	..	..	..	..	..	2,053
	..	..	..	..	..	..	..	..	6,23,267
	..	..	..	..	..	..	..	..	14,867
	..	..	..	..	..	..	..	..	1,14,566
	..	..	..	..	..	..	..	..	6,23,267
	..	..	..	..	..	..	..	..	2,053
	..	..	..	..	..	..	..	..	6,23,267
	..	..	..	..	..	..	..	..	14,867
	..	..	..	..	..	..	..	..	1,14,566
	..	..	..	..	..	..	..	..	6,23,267
	..	..	..	..	..	..	..	..	2,053
	..	..	..	..	..	..	..	..	6,23,267
	..	..	..	..	..	..	..	..	14,867
	..	..	..	..	..	..	..	..	1,14,566
	..	..	..	..	..	..	..	..	6,23,267
	..	..	..	..	..	..	..	..	2,053
	..	..	..	..	..	..	..	..	6,23,267
	..	..	..	..	..	..	..	..	14,867
	..	..	..	..	..	..	..	..	1,14,566
	..	..	..	..	..	..	..	..	6,23,267
	..	..	..	..	..	..	..	..	2,053
	..	..	..	..	..	..	..	..	6,23,267
	..	..	..	..	..	..	..	..	14,867
	..	..	..	..	..	..	..	..	1,14,566
	..	..	..	..	..	..	..	..	6,23,267
	..	..	..	..	..	..	..	..	2,053
	..	..	..	..	..	..	..	..	6,23,267
	..	..	..	..	..	..	..	..	14,867
	..	..	..	..	..	..	..	..	1,14,566
	..	..	..	..	..	..	..	..	6,23,267
	..	..	..	..	..	..	..	..	2,053
	..	..	..	..	..	..	..	..	6,23,267
	..	..	..	..	..	..	..	..	14,867
	..	..	..	..	..	..	..	..	1,

	To end of previous year.	48,308	..	..	220	2,78,774	33,109	3,11,883	2,78,536
Hajipuram tank	{ During the year. To end of previous year.	31,658	..	54	..	1,92,975	25,674	2,18,649	1,97,633
Ponnalur tank	{ During the year. To end of previous year.	23,066	..	41	..	1,24,481	..	1,20,340	1,09,783
Markapur tank	{ During the year. To end of previous year.	2,72,983	33,336	..	..	16,89,423	42,387	17,31,810	14,96,752
Nagavalli river system.	{ During the year. To end of previous year.	5,108	37	..	389	19,742	119	12,861	87,361
Venkatapuram tank.	{ During the year. To end of previous year.	64,539	4,236	..	319	3,72,250	12,671	3,84,921	2,91,351
Bhavinasi tank	{ During the year. To end of previous year.	43,103	25,710	..	207	2,54,395	11,096	2,65,491	12,801
Yellanur tank	{ During the year. To end of previous year.	41,156	7,087	..	343	2,39,192	30,515	2,69,707	1,93,094
Siddapur tank	{ During the year. To end of previous year.	96,255	1,72,474	..	442	7,91,038	13,448	8,04,486	5,76,997
Nagavaram anicut and supply channel.	{ During the year. To end of previous year.	18,538	..	..	..	1,07,295	2,595	1,09,890	26,370
Mopad reservoir system.	{ During the year. To end of previous year.	3,20,381	2,34,213	..	27,894	21,93,275	96,422	22,89,697	78,170
Kanniyampalayam anicut.	{ During the year. To end of previous year.	27,935	..	495	17,700	1,07,221	3,853	1,11,074	81,741
Tippayapalem project.	{ During the year. To end of previous year.	50,064	..	559	656	2,70,035	9,491	2,79,526	4,838
Panjapatji reservoir	{ During the year. To end of previous year.	13,143	77	..	703	85,076	719	85,795	15,441
Beasvannah channel.	{ During the year. To end of previous year.	1,03,380	2,141	..	..	3,27,761	11,495	3,39,276	2,38,668
Total A. Irrigation works-2.	{ During the year. To end of previous year.	3,286	19	..	..	5,38,772	6,222	5,44,994	12,147
Unproductive Works.	{ During the year. To end of previous year.	3,68,252	48,82,328	..	3,68,252	4,25,31,704	13,25,045	4,38,56,749	1,82,435
Total A. Irrigation works.	{ During the year. To end of previous year.	27,923	180	..	329	1,85,462	2,090	1,37,552	27,141
	{ During the year. To end of previous year.	2,32,96,378	89,96,891	3,91,016	16,15,949	18,59,57,121	80,88,766	19,40,45,887	6,90,45,538
	{ During the year. To end of previous year.	5,52,004	2,495	--	6,60,569	19,70,599	43,996	20,20,595	14,63,083
	{ During the year. To end of previous year.	25,03,874	2,495	--	6,60,569	19,70,599	43,996	20,20,595	20,08,48,363
	{ During the year. To end of previous year.	5,52,004	2,495	--	6,60,569	19,70,599	43,996	20,20,595	76,53,272

B-I.—Capital Accounts of Irrigation, Navigation, Embankment and Drainage Works (classified as 'Productive' and 'Unproductive') for which Capital and Revenue Accounts are kept in the Madras Presidency for the year 1935-36—cont.

Works or systems.	Direct charges (net expenditure).								
	Works.	Establishment.	Tools and Plant.	Suspense.	Deduct receipts on capital account.	Total direct.	Indirect charges.	Total excluding interest.	Simple interest.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
B.—NAVIGATION, EMBANKMENT AND DRAINAGE WORKS.									
2. UNPRODUCTIVE WORKS.									
Ganjam-Gopalpur canal.	1,02,675	37,799	2,733	..	107	1,43,100	12,393	1,55,493	2,42,342
{ To end of previous year.	1,07,885	24,814	..	..	..	1,32,699	..	1,36,432	4,758
Vedaranniyam canal.	68,21,308	16,14,546	1,81,040	..	24,365	85,92,529	4,89,464	90,81,993	3,35,517
{ To end of previous year.	..	..	..	..	..	..	..	..	4,412
Buckingham canal ..	..	..	..	..	..	..	..	..	1,70,73,178
Total, B. Navigation, etc., works—2. Unproductive works.	70,31,868	16,77,159	1,83,773	..	24,472	88,68,328	5,05,590	93,73,918	2,86,920
Total, B. Navigation, etc., works.	70,31,868	16,77,159	1,83,773	..	24,472	88,68,328	5,05,590	93,73,918	1,76,51,037
Total, Construction of Irrigation, etc., works.	16,19,20,663	2,49,73,537	91,80,654	3,91,016	16,40,421	19,48,25,449	85,94,356	20,34,19,805	21,84,99,400
{ To end of previous year.	23,03,874	5,52,004	2,495	—	2,21,205	19,76,599	43,996	20,20,595	79,49,362

APPENDIX I

C-1.—Statement showing the financial results of Irrigation, Navigation, Embankment and Drainage Works (classified as 'Productive' and 'Unproductive') for which Capital and Revenue Accounts are kept in the Madras Presidency for the year ending 1935-36.

Works or systems.	Revenue (actual receipts).									
	Irrigation.					Revenue (actual receipts).				
	Irrigation revenue.	Share of land revenue.	Total.	Navigation.	Plantation.	Miscellaneous.	Total.	Less refunds of revenue.		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)		
A. IRRIGATION WORKS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.		
1. PRODUCTIVE WORKS.										
1 Cauvery delta system ..	48,09,289	1,24,043	49,33,312	404	4,009	9,192	10,805	215		
2 Srivaikuntam anicut system ..	2,21,052	1,490	2,22,542	15	853	7,146	8,014	17		
3 Godavari delta system ..	49,56,164	2,29,666	51,85,830	1,90,076	7,832	46,312	2,44,220	2,249		
4 Mahamathur anicut system ..	26,302	196	26,498	..	22	545	567	..		
5 Thadapalli channel system ..	1,45,246	2,329	1,47,575	..	1,704	338	1,942	..		
6 Kalingarayan channel system ..	1,28,083	483	1,28,566	..	1,644	132	1,776	..		
7 Vriddachalam anicut system ..	44,279	339	44,618	..	180	135	315	..		
8 Chembrambakkam tank ..	64,834	957	65,791	..	..	105	105	..		
9 Marudur anicut system ..	2,05,400	279	2,05,679	..	79	1,887	1,966	..		
10 Pennar river canals system ..	8,41,308	71,945	9,13,253	252	227	2,052	2,531	488		
11 Arankota channel system ..	38,077	428	38,505	..	244	24	268	..		
12 Trunkoyilur anicut system ..	1,37,395	3,869	1,40,764	..	892	226	1,118	78		
13 Shatiakope anicut system ..	1,62,678	17,031	1,79,709	..	212	242	454	..		
14 Cheyyar anicut system ..	1,19,217	4,735	1,23,952	..	57	1,105	1,162	..		
15 Cumbum tank ..	39,838	461	40,299	..	..	..	..	..		
16 Poincy anicut system ..	1,14,844	5,471	1,20,315	..	45	196	241	..		
17 Periyar project system ..	9,54,709	94,826	10,49,535	365	2,085	4,984	7,434	42		
18 Kistna delta system ..	44,79,351	1,88,762	46,68,133	1,46,707	2,770	46,703	1,96,180	774		
19 Nandiyar channel system ..	32,204	243	32,447	2	186	34	222	..		
20 Ganjam minor rivers system ..	1,50,168	7,574	1,58,042	..	1,508	10	10	..		
21 Lower Coleroon anicut system ..	5,78,235	51,515	6,29,750	130	1,020	1,020	2,658	59		
22 Divi pumping system ..	2,30,713	87,205	3,17,918	2,464	..	3,428	5,892	88		
23 Toludur reservoir ..	1,08,135	448	1,08,583	..	2	375	377	..		
24 Polavaram island project ..	1,24,841	..	1,24,841	..	349	234	583	11		
25 Cauvery-Mettur project ..	12,66,146	..	12,66,146	46	1,426	33,758	35,230	54		
26 Kattalai scheme ..	3,53,397	121	3,53,518	96	2,121	1,199	3,416	112		
Total, A. Irrigation works.—1. Productive works ..	2,03,92,885	8,94,836	2,12,27,721	3,40,557	28,447	1,85,282	5,27,286	4,188		
2. UNPRODUCTIVE WORKS.										
1 Kurnool-Cuddapah canal ..	3,22,629	2,901	3,25,530	122	..	9,376	9,498	327		
2 Barur tank ..	21,894	758	22,652	..	447	873	1,320	..		
3 Vallur anicut ..	7,177	1,074	8,251	..	..	146	146	..		
4 Madras water-supply and irrigation system.	28,696	402	29,158	..	258	49,077	49,077	..		
5 Pelandurai anicut system ..	58,722	86	58,808	..	264	206	464	3		
6 Palar anicut system ..	3,65,281	16,851	3,82,132	..	264	1,200	1,464	..		
7 Rushikulya system ..	2,60,171	6,244	2,66,415	..	422	3,156	3,578	50		
8 Muniyeru anicut system ..	49,345	60	49,405	..	41	906	947	..		
9 Dondapad tank ..	857	10	867	..	..	..	..	..		

APPENDIX I

C-I.—Statement showing the financial results of Irrigation, Navigation, Embankment and Drainage Works (classified as 'Productive' and 'Unproductive') for which Capital and Revenue Accounts are kept in the Madras Presidency for the year ending 1935-36—*cont.*

Works or systems.	Revenue (actual receipts).								Less refunds of revenue.	
	Irrigation.				Navigation.					Total.
	Irrigation revenue.	Share of land revenue.	Total.							
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)		
RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.		
A. IRRIGATION WORKS—cont.										
2. UNPRODUCTIVE WORKS—cont.										
10 Yerur tank	3,840	86	3,926	..	..	..	..	..		
11 Sagluru system	26,085	26	26,061	..	..	..	..	..		
12 Atmakur tank	1,958	..	1,958	..	..	..	..	..		
13 Jangamaheswarapuram tank	1,862	..	862	..	..	..	..	..		
14 Annamasandram-Beraperu tank	1,613	1	1,614	..	..	..	..	..		
15 Halipuram tank	1,585	70	1,655	..	..	..	..	..		
16 Ponnalur tank	4,563	..	4,563	..	..	..	..	..		
17 Markapur tank	8,337	..	8,338	..	..	..	..	..		
18 Nagavalli river system	1,09,523	21,463	1,30,986	..	15	..	641	..		
19 Venkatapuram tank	1,397	38	1,435	..	..	..	..	..		
20 Bhavanasi tank	4,475	..	4,475	..	..	..	14	..		
21 Yellatur tank	2,409	..	3,513	..	..	..	..	..		
22 Siddapur tank	4,577	..	4,577	..	..	..	..	..		
23 Nagavaram ancient and supply channel	3,628	146	3,774	..	2	..	48	..		
24 Mopad reservoir system	30,745	5,166	35,911	..	..	..	135	..		
25 Kanniyampalayam anicut	..	..	..	..	..	..	4,000	..		
26 Tippayapalem project	..	..	..	..	..	..	..	..		
27 Panjapatti reservoir	..	..	..	..	..	..	..	..		
28 Basavauna channel	..	..	..	..	..	..	..	..		
29	..	..	..	..	..	..	..	..		
Total, A. Irrigation works—2. Unproductive works	13,20,219	56,547	13,76,766	122	1,449	69,891	71,462	380		
Total, A. Irrigation works	2,16,53,104	9,51,383	2,26,04,487	3,40,679	29,896	2,28,173	5,98,748	4,568		
B. NAVIGATION, EMBANKMENT AND DRAINAGE WORKS.										
2. UNPRODUCTIVE WORKS.										
1 Ganjam-Gopalpur canal	..	..	..	..	..	..	..	..		
2 Vedaranniyam canal	..	..	..	731	506	17	1,254	8		
3 Buckingham canal	..	..	..	78,367	53	1,672	80,092	5		
Total, B. Navigation works, etc.—2. Unproductive works	..	..	..	79,098	559	1,697	81,354	5		
Total, B. Navigation, etc., works	..	..	..	79,098	559	1,697	81,354	5		
Total, Construction of Irrigation, etc., works	2,16,53,104	9,51,383	2,26,04,487	4,19,777	30,455	2,29,870	6,80,102	4,573		

APPENDIX I

C-I.—Statement showing the financial results of Irrigation, Navigation, Embankment and Drainage Works (classified as 'Productive' and 'Unproductive') for which Capital and Revenue Accounts are kept in the Madras Presidency for the year ending 1935-36—*cont.*

Works or systems.	Revenue (actual receipts)— <i>cont.</i>										Working Expenses—Revenue management.			
	Revenue (actual receipts)					Total revenue due to improvements.								
	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)
	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
A. IRRIGATION WORKS—<i>cont.</i>														
1. PRODUCTIVE WORKS—<i>cont.</i>														
1 Cauvery delta system	49,43,702	33,90,382	15,53,320	..	..	..	..	..	..	..	..	..	..	..
2 Srivakuntam ancient system	2,30,539	79,000	1,51,539	..	..	..	..	..	..	..	..	..	..	..
3 Godavari delta system	54,27,801	1,24,000	53,03,801	..	..	..	..	..	..	..	..	..	..	..
4 Mahamattur ancient system	27,065	4,000	23,065	..	..	..	..	..	..	..	..	..	..	..
5 Thadapali channel system	1,50,117	78,000	74,117	..	..	..	..	..	..	..	..	..	..	..
6 Kallinarayan channel system	1,31,341	85,000	46,341	..	..	..	..	..	..	..	..	..	..	..
7 Viddhachalam ancient system	44,933	18,000	26,933	..	..	..	..	..	..	..	..	..	..	..
8 Chembrambakkam tank	65,896	18,000	47,896	..	..	..	..	..	..	..	..	..	..	..
9 Marudur ancient system	2,08,645	1,15,000	93,645	..	..	..	..	..	..	..	..	..	..	..
10 Pennar river canals system	9,15,236	2,58,000	6,57,236	..	..	..	..	..	..	..	..	..	..	..
11 Arankota channel system	38,773	19,000	19,773	..	..	..	..	..	..	..	..	..	..	..
12 Tirukkoyilur ancient system	1,41,804	60,000	81,804	..	..	..	..	..	..	..	..	..	..	..
13 Shadakoore ancient system	1,80,163	20,000	1,60,163	..	..	..	..	..	..	..	..	..	..	..
14 Cheyyar ancient system	1,25,114	39,000	86,114	..	..	..	..	..	..	..	..	..	..	..
15 Cumbum tank system	40,239	30,000	10,239	..	..	..	..	..	..	..	..	..	..	..
16 Ponnay ancient system	10,56,927	2,04,000	8,52,927	..	..	..	..	..	..	..	..	..	..	..
17 Periyar system	48,63,539	71,000	47,92,539	..	..	..	..	..	..	..	..	..	..	..
18 Kurnool delta system	32,669	17,000	15,669	..	..	..	..	..	..	..	..	..	..	..
19 Nandiyar channel system	1,58,052	95,000	63,052	..	..	..	..	..	..	..	..	..	..	..
20 Ganjam minor rivers system	6,32,349	1,55,000	4,77,349	..	..	..	..	..	..	..	..	..	..	..
21 Lower Coleroon ancient system	3,23,722	20,500	3,03,222	..	..	..	..	..	..	..	..	..	..	..
22 Divi pumping system	1,08,960	10,580	98,380	..	..	..	..	..	..	..	..	..	..	..
23 Poludur reservoir system	1,25,413	98,000	27,413	..	..	..	..	..	..	..	..	..	..	..
24 Polavaram island project	13,00,322	2,94,000	10,06,322	..	..	..	..	..	..	..	..	..	..	..
25 Cauvery-Mettur project	3,56,822	2,94,000	67,822	..	..	..	..	..	..	..	..	..	..	..
26 Kattalai scheme	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total, A. Irrigation works—1. Productive works	2,17,50,819	52,84,772	1,64,66,047	..	..	..	..	..	..	..	..	..	..	..
2. UNPRODUCTIVE WORKS.														
1 Kurnool-Cuddapah canal	3,34,701	35,872	2,98,829	..	..	..	..	..	..	..	..	..	..	..
2 Barur tank	23,972	4,500	19,472	..	..	..	..	..	..	..	..	..	..	..
3 Vallur ancient	8,397	5,000	3,397	..	..	..	..	..	..	..	..	..	..	..
4 Madras water-supply and irrigation system	78,235	11,000	67,235	..	..	..	..	..	..	..	..	..	..	..
5 Pelandurai ancient system	59,269	3,000	56,269	..	..	..	..	..	..	..	..	..	..	..
6 Palar ancient system	3,83,596	1,25,000	2,58,596	..	..	..	..	..	..	..	..	..	..	..
7 Rushikulya system	2,69,943	67,000	2,02,943	..	..	..	..	..	..	..	..	..	..	..
8 Muniyuru system	50,252	2,500	47,752	..	..	..	..	..	..	..	..	..	..	..
9 Dondapad tank	867	..	867	..	..	..	..	..	..	..	..	..	..	..

APPENDIX I

C-1.—Statement showing the financial results of Irrigation, Navigation, Embankment and Drainage Works (classified as 'Productive' and 'Unproductive') for which Capital and Revenue Accounts are kept in the Madras Presidency for the year ending 1935-36—*cont.*

Works or systems.	Revenue (actual receipts)— <i>cont.</i>			Direction.	Working expenses—Revenue management.		
	Gross revenue less refunds.	Deduct share of old irrigation revenue.	Total revenue due to improvements.		Execution.	Civil officers.	Total Revenue management.
	(10)	(11)	(12)	(13)	(14)	(15)	(16)
RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
A. IRRIGATION WORKS— <i>cont.</i>							
2. UNPRODUCTIVE WORKS— <i>cont.</i>							
10 Yenur tank	3,926	425	3,501	..	..	175	175
11 Sagileru system	26,129	17,800	8,329	..	..	413	413
12 Atmakur tank	1,958	..	1,958	..	..	98	98
13 Jangamaheswarapuram tank	862	500	362	..	..	18	18
14 Annamasamudram-Beraperu tank	1,614	3,600	—	..	..	99	99
15 Halipuram tank	1,655	..	1,655	..	..	82	82
16 Ponnalur tank	4,564	..	4,564	..	..	228	228
17 Markapur tank	8,338	2,130	6,208	..	..	310	310
18 Nagavalli river system	1,642	37,400	94,242	..	..	3,887	3,887
19 Venkatapuram tank	1,435	164	1,271	..	..	63	63
20 Bhavanasi tank	4,489	..	4,489	..	..	224	224
21 Yellanur tank	4,577	..	4,577	..	..	151	151
22 Siddapur tank	3,822	2,256	1,566	..	..	229	229
23 Nagavaram anicut and supply channel	36,048	433	35,615	..	..	76	76
24 Mopad reservoir system	..	..	4,000	..	..	1,548	1,548
25 Kanniyampalayam anicut	..	..	..	..	..	..	..
26 Tippiyapalem project	..	..	..	..	..	..	..
27 Panjapatti reservoir	..	..	..	..	..	..	..
28 Basavanna channel	..	..	..	..	..	..	..
Total, A. Irrigation works—2. Unproductive works	14,47,848	3,18,580	11,29,268	..	..	51,655	51,655
Total, A. Irrigation works	2,31,98,667	56,03,352	1,75,95,315	..	..	8,34,894	8,34,894
B. NAVIGATION, EMBANKMENT AND DRAINAGE WORKS.							
2. UNPRODUCTIVE WORKS.							
1 Ganjam-Gopalpur canal	8	..	8	..	..	..	..
2 Vedaraniyam canal	1,249	..	1,249	..	..	..	..
3 Buckingham canal	80,092	..	80,092	..	..	..	..
Total, B. Navigation, etc., works—2. Unproductive works	81,349	..	81,349	..	..	..	..
Total, B. Navigation, etc., works	81,349	..	81,349	..	..	..	..
Total, Construction of Irrigation, etc., works.	2,32,80,016	56,03,352	1,76,76,664	..	..	8,34,894	8,34,894

C-1.—Statement showing the financial results of Irrigation, Navigation, Embankment and Drainage Works (classified as 'Productive' and 'Unproductive') for which Capital and Revenue Accounts are kept in the Madras Presidency for the year ending 1935-36—*cont.*

Works or systems.	Establishment.				Maintenance and repairs.				Total cost of maintenance.	
	Direction.	Execution.	Total.	Direction.	Extensions and improvements.	Maintenance and repairs.	Tools and plant.	Deduct recoveries on revenue account.	(23)	(24)
	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	RS.	RS.
A. IRRIGATION WORKS.										
1. PRODUCTIVE WORKS.										
1 Cauvery delta system	56,514	2,96,056	2,82,570	99,192	5,46,823	997	..	..	9,29,382	9,29,382
2 Srivalkuntam anicut system	3,288	21,152	26,440	2,780	73,901	—	126	..	1,02,995	1,02,995
3 Godavari delta system	68,614	2,74,366	3,42,980	1,84,848	7,18,889	6,845	..	..	12,53,540	12,53,540
4 Mahamathi anicut system	80	3,336	3,069	..	5,930	10	..	..	9,244	9,244
5 Thadapalli channel system	890	3,556	4,045	—	14,154	57	..	..	18,217	18,217
6 Kalingarayan channel system	577	2,308	4,447	109	16,463	67	..	..	20,961	20,961
7 Vriddhachalam anicut system	337	1,347	2,883	574	4,912	8	..	..	7,912	7,912
8 Chembambakkam tank system	1,870	7,480	9,350	8,519	20,030	—	47	..	9,508	9,508
9 Marudur anicut system	8,878	3,512	44,390	3,351	86,335	150	..	..	1,36,100	1,36,100
10 Pennar river canals system	2,430	9,721	1,079	3,989	21,586	42	..	..	37,768	37,768
11 Arunkota channel system	2,842	11,368	12,151	1,496	24,369	42	..	..	40,117	40,117
12 Tirukkottur anicut system	1,253	5,014	6,267	265	22,373	92	..	..	29,000	29,000
13 Shadiatope anicut system	57	927	143	143	19,866	1	..	..	1,316	1,316
14 Cheyyar anicut system	1,080	4,241	5,324	24	19,433	79	..	..	24,887	24,887
15 Cumbum tank system	11,711	46,846	58,557	23,801	1,23,258	—	79	..	2,10,367	2,10,367
16 Polney anicut system	66,910	2,67,640	3,34,550	74,403	6,72,305	971	..	..	9,31,431	9,31,431
17 Periyar system	431	1,724	2,155	146	5,472	9	..	..	7,814	7,814
18 Kistna delta system	5,417	21,697	27,084	1,846	3,032	184	..	..	66,166	66,166
19 Nandiyar channel system	10,132	40,529	50,661	7,863	84,863	166	..	..	1,52,598	1,52,598
20 Ganjam minor rivers system	9,057	36,227	45,284	1,533	84,863	142	..	..	1,31,942	1,31,942
21 Lower Coleroon anicut system	2,254	9,016	11,270	2,998	18,865	38	..	..	34,204	34,204
22 Divi pumping system	587	2,350	2,937	8	18,865	1	..	..	8,488	8,488
23 Toludur reservoir system	25,231	1,00,922	1,26,153	35,501	2,40,567	1,268	..	..	4,03,489	4,03,489
24 Polavaram Island project	5,226	20,903	26,129	11,900	64,916	—	126	..	1,02,879	1,02,879
25 Cauvery-Mettur project	..	..	..	..	..	..	..	..	..	..
26 Kattalai scheme	..	..	..	..	..	..	..	..	..	..
Total, A. Irrigation works—1. Productive works	2,89,182	11,56,726	14,45,908	4,67,405	27,88,621	10,667	..	..	47,12,601	47,12,601
2. UNPRODUCTIVE WORKS.										
1 Kurnool-Cuddapah canal	5,663	22,650	28,313	6,984	96,464	110	..	..	1,31,871	1,31,871
2 Barur tank	330	1,320	1,650	128	5,499	23	..	..	7,300	7,300
3 Valur anicut	83	3,258	4,072	..	1,505	1	..	..	1,922	1,922
4 Madras water-supply and irrigation system.	814	4,960	6,200	569	20,350	22	..	..	25,013	25,013
5 Pellandurai anicut system	1,240	11,950	14,937	981	10,717	18	..	..	17,866	17,866
6 Palar anicut system	2,987	11,950	14,937	580	53,120	176	..	..	68,813	68,813
7 Rushikulya system	13,017	52,068	65,083	4,997	85,054	426	..	..	1,55,560	1,55,560
8 Munjery anicut system	650	2,602	3,252	972	4,319	8	..	..	8,551	8,551
9 Dondapad tank	2	9	11	..	..	..	..	..	..	..

C-I.—Statement showing the financial results of Irrigation, Navigation, Embankment and Drainage Works (classified as 'Productive' and 'Unproductive') for which Capital and Revenue Accounts are kept in the Madras Presidency for the year ending 1935-36—*cont.*

Works or systems.	Working expenses—cont.									
	Deduct old maintenance charges.					Net revenue.				
	Indirect charges.	Grand total of working expenses.	Direct charges.	Indirect charges.	Total.	Total working expenses on improvements.	Total.	Due to improvements.	RS.	
(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	RS.	RS.	
A. IRRIGATION WORKS—cont.										
2. UNPRODUCTIVE WORKS—cont.										
10 Yerru tank	..	832	..	..	..	832	3,094	2,669	2,669	
11 Sagluru system	46	5,928	2,586	22	2,608	3,320	20,201	5,009	5,009	
12 Almakur tank	3	651	..	..	..	651	1,307	1,307	1,307	
13 Jangamaleswarapuram tank ..	..	82	..	..	..	82	780	280	280	
14 Anamasamudram-Berapetu tank ..	5	595	892	7	899	—	1,019	1,682	1,682	
15 Hajipuram tank	1	313	..	..	..	313	1,337	1,337	1,337	
16 Ponnalur tank	19	3,006	..	..	..	3,006	1,558	1,558	1,558	
17 Markapur tank	43	5,368	286	2	288	5,280	2,710	928	928	
18 Nagavalli river system	194	38,231	4,772	29	4,801	33,430	93,411	60,812	60,812	
19 Venkatapuram tank	5	614	..	..	..	614	741	577	577	
20 Bhavanasi tank	19	2,880	..	..	..	2,880	1,609	1,609	1,609	
21 Yellatur tank	9	1,311	..	..	..	1,311	2,212	2,212	2,212	
22 Siddapur tank	4	849	..	..	..	849	3,728	3,728	3,728	
23 Nagavaram anicut and supply channel ..	5	577	..	..	..	577	989	989	989	
24 Mopad reservoir system	82	13,614	..	..	..	13,614	22,434	22,001	22,001	
25 Kanniyampalayam anicut	12	1,522	..	..	..	1,522	2,478	2,478	2,478	
26 Tippiyapalem project	..	..	..	..	..	..	..	..	..	
27 Panjapatti reservoir	2	257	..	..	..	257	213	213	213	
28 Basavanna channel	310	37,011	..	..	..	37,011	—	—	—	
Total, A. Irrigation works—2. Unproductive Works	3,684	5,77,996	31,681	231	31,862	5,46,134	8,69,852	5,83,134	5,83,134	
Total, A. Irrigation works	38,883	61,09,035	4,09,194	2,985	4,12,179	56,96,856	1,70,89,632	1,18,98,459	1,18,98,459	
B. NAVIGATION, EMBANKMENT AND DRAINAGE WORKS.										
2. UNPRODUCTIVE WORKS.										
1 Ganjam-Gopalpur canal	..	..	..	..	..	..	..	..	..	
2 Vedarannilyam canal	85	12,086	..	..	..	12,086	10,837	10,837	10,837	
3 Buckingham canal	1,428	1,76,409	..	..	..	1,76,409	96,317	96,317	96,317	
Total, B. Navigation, etc., works—2. Unproductive Works	1,513	1,88,495	..	..	..	1,88,495	1,07,146	1,07,146	1,07,146	
Total, B. Navigation, etc., works	1,513	1,88,495	..	..	..	1,88,495	1,07,146	1,07,146	1,07,146	
Total, Construction of Irrigation, etc., works.	40,396	62,97,530	4,09,194	2,985	4,12,179	58,85,351	1,69,82,486	1,17,91,313	1,17,91,313	

APPENDIX I

C-II.—Statement showing the financial results of Irrigation, Navigation, Embankment and Drainage Works for, and up to, the end of 1935-36.

Number of works.	Name of works.	General financial results to end of 1935-36.									
		Mileage in operation.					Total.				
		Main canals and branches.	Distributaries.	(4)	(5)	(6)	Date of completion of work.	Date when system first came into operation.	Accumulated arrears of interest.	Accumulated surplus revenues.	Total sum-at-charge [column (7) plus column (8)].
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
		MILES.	MILES.	RS.	DATE.	RS.	DATE.	RS.	RS.	RS.	RS.
A. IRRIGATION WORKS.											
1. PRODUCTIVE WORKS.											
1 Cauvery delta system.	1,258½	3,205	81,38,436	..	..	80,11,041	..	4,07,52,787	80,11,041	17,75,063	1,00,000,000
2 Srivakuntam anicut system.	28	46	17,75,063	1870-71	..	17,75,063	..	1,92,306	1,92,306	..	1,92,306
3 Godavari delta system ..	509½	1,887	1,91,86,208	1846-47	1877-78	1,86,31,139	..	13,24,69,631	1,86,31,139	83,995	1,88,18,134
4 Menamattur anicut system.	15	9½	89,053	..	..	83,995	..	3,54,072	3,54,072	..	3,54,072
5 Thadapalli channel system.	85	..	1,77,446	..	..	1,77,446	..	16,77,154	16,77,154	..	16,77,154
6 Kalingarayan channel syst. m.	62½	..	1,80,486	..	..	1,80,486	..	6,92,860	6,92,860	..	6,92,860
7 Vriddhachalam anicut system.	33	16	1,08,204	..	..	1,08,204	..	6,65,745	6,65,745	..	6,65,745
8 Chembrambakkam tank system.	10½	1½	7,64,143	..	..	7,64,143	..	4,98,053	4,98,053	..	4,98,053
9 Marudur anicut system.	29	7½	60,122	1860-61	1860-61	60,122	..	38,78,967	38,78,967	..	38,78,967
10 Pennar river canals system.	30½	477	68,87,888	..	..	68,73,953	..	99,45,257	99,45,257	..	99,45,257
11 Arkenkota channel system.	24	..	1,44,445	..	..	1,44,445	..	85,504	85,504	..	85,504
12 Tirukkoyilur anicut system.	137	28½	3,99,190	1861-62	..	3,99,190	..	9,26,414	9,26,414	..	9,26,414
13 Shatlatope anicut system.	41	149	10,99,087	1847-48	..	10,99,087	..	45,22,691	45,22,691	..	45,22,691
14 Cheyyar anicut system.	61	120	5,40,942	1852-53	..	5,33,182	..	1,13,859	1,13,859	..	1,13,859
15 Cumbum tank system ..	23½	78	86,373	1855-56	..	86,373	..	32,028	32,028	..	32,028
16 Polney anicut system ..	104	118	3,03,918	31-8-1897	..	3,03,918	..	18,90,059	18,90,059	..	18,90,059
17 Periyar system	152	..	1,08,35,654	1858-56	..	1,08,35,654	..	80,50,003	80,50,003	..	80,50,003
18 Krishna delta system ..	349½	..	2,43,80,982	1897-98	..	2,19,79,404	..	10,26,18,960	10,26,18,960	..	10,26,18,960
19 Nandiyar channel system.	31	..	65,715	1895-96	..	65,715	..	25,134	25,134	..	25,134
20 Ganjam minor rivers system.	119	225	2,89,226	..	..	2,89,226	..	8,26,139	8,26,139	..	8,26,139
21 Lower Coleroon anicut syst. m.	383	620½	30,01,669	1848-49	..	30,01,669	..	1,36,20,515	1,36,20,515	..	1,36,20,515
22 Divi pumping system ..	50	120½	26,53,143	31-10-1913	..	26,53,143	..	54,651	54,651	..	54,651
23 Toludur reservoir system.	31½	40	26,43,674	1824-25	..	26,43,674	..	11,87,441	11,87,441	..	11,87,441
24 Polavaram Island system.	..	44-5/8	17,03,892	1829-30	..	16,73,562	..	32,346	32,346	..	32,346
25 Cauvery-Mettur system.	109	515-5/8	6,79,00,000	In progress.	..	6,58,44,856	..	1,98,86,459	1,98,86,459	..	1,98,86,459
26 Kattalai scheme	18½	..	33,67,226	1929-30	..	33,67,226	..	10,41,201	10,41,201	..	10,41,201
Total, A. Irrigation—1. Productive Works.	3,672½	9,980-5/8	15,67,24,245	15,20,72,181	2,21,27,282	32,43,12,964	17,40,99,413	32,43,12,964	32,43,12,964	..	32,43,12,964

APPENDIX I

C-II.—Statement showing the financial results of Irrigation, Navigation, Embankment and Drainage Works for, and up to, the end of 1935-36—cont.

Financial results of the year 1935-36.												
Number of works.	Name of works.	Gross receipts (direct and indirect).	Working expenses (direct and indirect).	Net revenue.	Percentage on capital outlay [column (7)].	Percentage on sum-at-charge [column (10)].	Interest.	Net profit.	Net loss.	Area irrigated.	Percentage of working expenses to receipts to column (11) to column (20).	
		(11) RS.	(12) RS.	(13) RS.	(14) PER CENT.	(15) PER CENT.	(16) RS.	(17) RS.	(18) RS.	(19) ACS.	(20) PER CENT.	
A. IRRIGATION WORKS.												
1. Productive Works.												
1	Cauvery delta system.	15,78,320	8,63,923	6,89,397	8.61	8.61	3,14,305	3,75,092	..	190,058	55.62	
2	Srirangam anicut system.	1,51,539	1,03,730	47,809	2.69	2.69	56,490	..	8,681	18,217	68.45	
3	Godavari delta system ..	53,03,801	15,14,002	37,89,799	20.34	20.34	6,01,262	31,88,537	..	894,176	28.55	
4	Melanatur anicut system.	23,065	9,521	13,544	16.12	16.12	2,874	10,670	..	4,302	41.28	
5	Thadapalli channel system.	74,117	17,507	56,610	31.90	31.90	5,558	51,052	..	8,716	23.62	
6	Kallangayan channel system.	46,341	18,359	27,982	15.50	15.50	5,852	22,130	..	6,767	39.62	
7	Virudhachalam anicut system.	36,433	9,767	26,666	24.64	24.64	3,738	22,928	..	7,772	26.81	
8	Chembrambakkam tank system.	49,896	5,653	44,243	5.79	5.79	21,854	22,389	..	7,113	11.33	
9	Marudur anicut system.	93,645	36,454	57,191	95.12	95.12	2,084	55,107	..	8,159	38.93	
10	Pennar river canals system.	6,59,296	1,27,441	5,32,155	7.74	7.74	1,97,243	3,34,912	..	74,420	19.28	
11	Arankota channel system.	19,773	4,365	15,408	10.67	10.67	4,681	10,727	..	2,502	22.08	
12	Tirukoyilur anicut system.	81,804	35,049	46,755	11.71	11.71	13,303	33,452	..	14,699	42.85	
13	Shattope anicut system.	1,60,163	46,115	1,14,048	10.47	10.47	36,067	77,981	..	32,341	28.79	
14	Cheyyar anicut system.	86,114	29,391	56,723	10.54	10.54	18,019	37,804	..	22,314	34.13	
15	Coleroon tank system ..	10,299	894	9,405	10.89	10.89	2,793	6,612	..	3,271	8.68	
16	Periyar anicut system ..	82,554	25,238	57,316	18.86	18.86	10,738	46,580	..	12,586	30.37	
17	Periyar system ..	8,32,927	2,16,151	6,16,776	5.88	5.88	8,50,724	2,86,052	..	89,258	25.34	
18	Kista delta system ..	47,92,539	11,63,095	36,28,844	16.51	16.51	74,873	28,80,061	..	752,103	24.28	
19	Nandiyar channel system.	15,669	4,357	11,312	17.21	12.45	2,128	9,184	..	3,625	27.81	
20	Ganjam minor rivers system.	63,052	61,982	1,070	0.37	0.37	9,574	..	8,504	18,365	98.30	
21	Lower Coleroon anicut system.	4,77,349	1,67,667	3,09,682	10.32	10.32	1,13,732	1,95,950	..	75,165	35.12	
22	Divi pumping system ..	3,03,422	1,27,099	1,77,323	6.65	6.51	97,346	78,987	..	30,746	41.89	
23	Toludur reservoir system.	95,370	39,333	56,037	2.27	1.56	1,02,651	..	43,614	14,440	39.98	
24	Polavaram island system.	1,25,413	14,785	1,10,628	6.61	6.49	80,275	30,853	..	21,892	11.79	
25	Cauvery-Mettur system.	12,02,322	4,64,406	7,37,716	1.12	0.86	32,04,520	..	24,66,804	55,115	38.64	
26	Kattalai scheme ..	1,02,822	43,938	58,884	1.51	1.19	1,82,705	..	1,23,821	19,294	42.73	
Total, A. Irrigation—		1,64,66,047	51,50,722	1,13,15,325	7.44	6.50	61,90,189	51,25,136	..	2,38,7,166	31.28	
1. Productive Works.												

APPENDIX 1

C-II.—Statement showing the financial results of Irrigation, Navigation, Embankment and Drainage Works for, and up to, the end of 1935-36—cont.

30

General financial results to end of 1935-36.

Number of works.	Name of works.	Mileage in operation.		Estimated cost of construction (direct and indirect).	Date of completion of work.	Date when system first came into operation.	Total capital outlay (direct and indirect).	Accumulated arrears of interest.	Accumulated surplus revenues.	Total sum-at-charge [column (7) plus column (8)].
		Main canals and branches.	Distributaries.							
(1)	(2)	(3)	(4)	(5)	(6-a)	(6-b)	(7)	(8)	(9)	(10)
		MILES.	MILES.	RS.	DATE.	DATE.	RS.	RS.	RS.	RS.
A. IRRIGATION WORKS.										
(2) UNPRODUCTIVE WORKS.										
1	1 Kurnool-Cuddapah canal system.	417½	294½	2,33,87,114	1882-83	1882-83	2,33,87,114	3,95,27,025	..	6,29,84,139
2	2 Perur tank system ..	11	26	4,43,113	1887-88	1887-88	4,43,113	3,93,878	..	8,36,991
3	3 Vallur anicut system ..	5½	8	76,282	..	..	76,282	20,742	..	97,024
4	4 Madras water-supply and irrigation system.	11½	..	18,68,918	..	..	18,68,918	27,59,036	..	46,27,954
5	5 Palanadral anicut system.	39	25	6,92,074	1886-87	..	6,92,074	4,25,455	..	11,17,529
6	6 Palar anicut system ..	156	139	24,65,806	1891-92	1892-93	24,65,806	4,34,951	..	29,00,757
7	7 Musikuniya system ..	98	230	56,24,012	1901-02	1898-99	56,10,265	48,45,764	..	1,04,56,029
8	8 Muniverni tanks ..	60½	6½	6,09,130	31-3-03	1898-99	6,01,150	2,88,977	..	8,90,127
9	9 Dondapad tank ..	..	..	1,40,004	31-3-05	1898-99	1,40,004	1,76,298	..	3,16,302
10	10 Yerru tank ..	..	..	63,353	31-3-07	1892-93	63,353	32,834	..	96,187
11	11 Sagileru tank ..	12	..	4,64,727	31-8-07	1898-99	4,64,727	6,70,786	..	11,35,513
12	12 Annakur tank ..	..	4½	1,25,403	31-8-07	1912-13	1,25,403	90,206	..	2,15,609
13	13 Jananaheswarapuram tank.	..	5½	71,664	31-3-08	1912-13	71,664	56,783	..	1,28,447
14	14 Annasamudram-Reraperu tank.	..	2½	73,573	31-3-10	1911-12	73,573	69,913	..	1,43,486
15	15 Hejipattan tank ..	..	4½	3,11,883	31-3-11	1910-11	3,11,883	2,31,050	..	5,42,933
16	16 Perur tank ..	..	7	1,18,649	31-3-11	1910-11	1,18,649	2,23,951	..	4,42,600
17	17 Maravali tank ..	..	..	1,23,340	31-3-11	1909-10	1,23,340	96,088	..	2,25,428
18	18 Nagavalli river system.	64½	47½	17,65,425	31-12-13	1909-10	17,14,671	3,59,613	..	21,04,284
19	19 Venkatapuram tank ..	31	..	3,84,921	31-3-18	1921-22	3,84,921	6,90,613	..	6,90,054
20	20 Bhavanasi tank ..	6½	..	2,65,491	31-3-19	1921-22	2,65,491	1,99,365	..	4,64,846
21	21 Vellalur tank ..	..	3½	2,69,707	31-3-19	1920-21	2,69,707	1,63,153	..	4,32,860
22	22 Siddapur tank ..	6½	9	6,04,486	30-10-19	1921-22	6,04,486	5,90,448	..	13,94,934
23	23 Nagavaram anicut and supply channel.	2	..	1,09,890	31-12-19	1920-21	1,09,890	57,873	..	1,67,763
24	24 Monal reservoir system.	16½	84	22,80,697	30-4-21	1921-22	22,80,697	15,72,502	..	38,53,199
25	25 Kannampalayam anicut.	10½	..	1,11,074	31-3-22	1924-25	1,11,074	1,08,571	..	2,19,645
26	26 Pan'apatti reservoir ..	1½	..	5,30,276	30-6-19	1924-25	3,39,276	2,45,451	..	5,84,927
27	27 Tipnapalem project ..	..	..	4,07,425	In progress.	In progress	3,65,321	64,500	..	4,29,821
28	28 Basavanna channel ..	..	..	5,92,100	Do.	Do	5,66,449	2,48,983	..	8,15,432
Total, A. Irrigation—(2)		930½	904½	4,41,04,537	..	..	4,39,94,301	5,43,29,469	..	9,83,23,770
Unproductive Works.										
Total, A. Irrigation		4,803	10,834½	29,08,28,782	..	..	19,60,66,482	7,63,56,701	..	32,43,12,984
Total, A. Irrigation		4,803	10,834½	29,08,28,782	..	..	19,60,66,482	7,63,56,701	..	32,43,12,984

APPENDIX 1

C-II.—Statement showing the financial results of Irrigation, Navigation, Embankment and Drainage Works for, and up to, the end of 1935-36—cont.

Number of works.	Name of works.	Mileage in operation.		Estimated cost of construction (direct and indirect).	Date of completion of work.	Date when system first came into operation.	Total capital outlay (direct and indirect).	Accumulated arrears of interest.	Accumulated surplus revenues.	Total sum-at-charge [column (7) plus column (8)].
		Main canals and branches.	Distributaries.		(6-4)	(6-5)	(7)	(8)	(9)	(10)
(1)	(2)	MILES.	MILES.	(5)	(6-4)	(6-5)	RS.	RS.	RS.	RS.
B. NAVIGATION, EMBANKMENT AND DRAINAGE WORKS.										
(2) UNPRODUCTIVE.										
1	Ganjam-Gopalpur canal.	31½	..	1,55,493	..	..	1,55,493	2,38,490	..	3,93,983
2	Vedaramayan canal ..	262	..	1,36,432	..	..	1,36,432	7,00,007	..	8,36,439
3	Buckingham canal ..	..	..	90,81,993	..	..	90,81,993	2,14,98,362	..	3,05,80,355
Total, (2) Unproductive Works ..		293½	..	93,73,918	..	..	93,73,918	2,24,36,859	..	3,18,10,777
Total, B. Navigation, etc. Works ..		293½	..	93,73,918	..	..	93,73,918	2,24,36,859	..	3,18,10,777
Total, Construction of Irrigation Works, etc.		4,875½	10,812-3/8	21,02,02,700	..	..	20,54,40,400	9,87,93,560	32,43,12,984	30,42,33,960

APPENDIX I

C-II.—Statement showing the financial results of Irrigation, Navigation, Embankment and Drainage Works for, and up to, the end of 1935-36—cont.

Number of works.	Name of works.	Gross receipts (direct and indirect).	Working expenses (direct and indirect).	Net Revenue.	Percentage on capital outlay, column (7).	Percentage on sum-at-charge, column (10).	Interest.	Net profit.	Net loss.	Area irrigated [column (11) to column (12)].	Percentage of working expenses to receipts to column (12).
		(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)
RS.	RS.	RS.	RS.	RS.	PER CENT.	PER CENT.	RS.	RS.	RS.	ACS.	PER CENT.
A. IRRIGATION WORKS.											
(2) UNPRODUCTIVE WORKS.											
1	Kurnool-Cuddapah canal system.	2,98,829	1,43,798	1,55,031	0-66	0-25	7,82,416	..	6,27,385	72,024	48-12
2	Barur tank system ..	19,472	8,234	11,238	2-54	1-34	13,945	..	2,707	2,095	42-29
3	Valur aicut system ..	3,397	2,333	2,333	3-74	2-94	2,646	..	..	1,167	16-01
4	Madras water-supply and irrigation system.	67,235	21,594	45,641	2-44	0-98	55,491	..	3,850	4,350	32-12
5	Palandurai aicut system.	56,269	20,606	35,663	5-15	3-19	21,912	13,751	..	11,062	36-62
6	Palar aicut system ..	2,58,596	78,243	1,80,353	7-11	6-22	78,501	1,01,802	..	48,373	30-28
7	Rushikulya system ..	2,02,943	1,57,058	45,885	0-52	0-44	1,80,108	13,082	1,34,283	53,235	22-27
8	Muniyuru system ..	47,52	10,633	37,119	6-17	4-17	19,037	..	..	8,596	6-23
9	Dondapad tank ..	1,271	54	813	0-58	0-26	4,149	..	3,336	823	23-76
10	Yerur tank ..	3,501	832	2,669	4-21	2-78	2,053	..	..	1,396	39-88
11	Sagileru tank ..	8,329	3,320	5,009	1-08	0-44	14,867	..	9,858	1,803	33-25
12	Arnakur tank ..	1,953	651	1,307	1-04	0-61	3,755	..	2,43	484	22-65
13	Jangamaheswarapuram tank.	1,362	82	1,280	0-39	0-22	2,038	..	1,758	287	15-31
14	Anamasamudram-Beraperu tank.	1,936	304	1,632	2-29	1-17	2,384	..	4,066	..	19-21
15	Halpuram tank ..	1,655	318	1,337	0-43	0-25	9,270	..	7,933	683	65-86
16	Ponnalur tank ..	4,564	3,006	1,558	0-71	0-35	6,847	..	5,289	809	85-05
17	Markapur tank ..	6,208	5,230	928	0-72	0-41	4,206	..	3,338	1,781	35-47
18	Nagavalli river system	94,242	33,430	60,812	3-49	2-39	57,361	3,451	..	14,612	54-60
19	Venkatapuram tank ..	1,271	694	577	0-15	0-08	12,801	..	12,224	577	64-16
20	Bhavanasi tank ..	4,489	2,880	1,609	0-61	0-35	9,062	..	8,073	989	37-03
21	Yellanur tank ..	2,212	1,301	911	0-82	0-51	8,238	..	6,036	2,202	18-55
22	Siddapur tank ..	4,577	849	3,728	0-46	0-27	28,370	..	22,642	5,728	36-85
23	Nagavaram aicut and supply channel.	1,566	577	989	0-90	0-59	3,568	..	2,579	324	38-23
24	Mopad reservoir system.	35,615	13,614	22,001	0-96	0-57	81,741	..	59,740	4,594	38-05
25	Kanayampalayam aicut.	4,000	1,522	2,478	2-23	1-13	3,638	..	2,360	208	584-09
26	Panjanatti reservoir ..	44	257	213	0-06	0-04	12,447	..	12,380	..	..
27	Tippavapalem project.	..	..	..	..	..	15,441	..	15,441	..	..
28	Basavanna channel ..	..	37,011	37,011	6-53	4-54	27,141	..	64,152	..	..
Total, A. Irrigation (2) Unproductive Works.		11,29,268	5,46,134	5,83,134	1-32	0-59	14,63,083	..	8,79,949	231,802	48-36
Total, A. Irrigation Works ..		1,76,95,315	56,96,856	1,18,98,450	6-07	4-37	76,53,272	42,45,187	..	2,618,968	32-38

APPENDIX I

C-II.—Statement showing the financial results of Irrigation, Navigation, Embankment and Drainage Works for, and up to, the end of 1935-36—Cont.

Number of works.	Name of works.	Financial results of the year 1935-36.									
		Gross receipts (direct and indirect).	Working expenses (direct and indirect).	Net Revenue.	Percentage on capital outlay, column (7).	Percentage on sum-at-charge, column (10).	Interest.	Net profit.	Net loss.	Area irrigated.	Percentage of working expenses to receipts, column (11) to column (12).
(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)		
RS.	RS.	RS.	PER CENT.	PER CENT.	RS.	RS.	RS.	ACS.	PER CENT.		
B. NAVIGATION, EMBANKMENT AND DRAINAGE WORKS.											
(2) UNPRODUCTIVE.											
1	Ganjam-Gopalpur canal.	8	0.005	0.002	4,758	..	4,750	..	967.66		
2	Vedaranyam canal ..	1,249	7.94	1.30	4,412	..	15,249	..	220.26		
3	Buckingham canal	80,092	1.06	0.32	2,86,920	..	3,83,237	..			
	Total, (2) Unproductive Works	81,349	1.14	0.34	2,96,090	..	4,03,236	..	231.71		
	Total, B. Navigation, etc., Works ..	81,349	1.14	0.34	2,96,090	..	4,03,236	..	231.71		
	Total, Construction of Irrigation Works, etc.	1,76,76,664	5.74	3.68	79,49,362	38,41,951	..	2,618,968	33.29		

APPENDIX I

C-III.—Demands and Realizations during the year 1935-36 in the Madras Presidency. Irrigation, Navigation, Embankment and Drainage Works (classed as 'Productive' and 'Unproductive') for which Capital and Revenue Accounts are kept.

Works or systems.	Balance demands up to the year.	Demand for the year.	Total.	Deduct remissions including cash refunds.	Net total.	Deduct amount realized at the close of the year.	Actual total receipts of the year.	Deduct share due to old irrigation.	Net revenue due to improvements.	(10)	(11)
	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
A. IRRIGATION WORKS.											
1. PRODUCTIVE WORKS.											
1	Cauvery delta system	49,82,353	49,82,353	38,651	49,43,702	..	49,43,702	33,90,352	15,53,350		
2	Sivakumari canal system.	2,31,371	2,31,371	832	2,30,539	..	2,30,539	79,000	1,51,539		
3	Godavari delta	55,05,003	55,05,003	77,202	54,27,801	..	54,27,801	1,24,000	53,03,801		
4	Madamur canal	27,065	27,065	..	27,065	..	27,065	4,000	23,065		
5	Madamur canal	1,50,207	1,50,207	90	1,50,117	..	1,50,117	76,000	74,117		
6	Kalingarayan channel	1,31,375	1,31,375	31	1,31,344	..	1,31,344	85,000	46,344		
7	Viduthachalam tank	44,938	44,938	5	44,933	..	44,933	8,500	36,433		
8	Chentrambakkam tank	66,199	66,199	303	65,896	..	65,896	16,000	49,896		
9	Pennar river canals	2,09,648	2,09,648	1,043	2,08,605	..	2,08,605	1,15,000	93,605		
10	Arakotla channel	9,18,630	9,18,630	3,334	9,15,296	..	9,15,296	2,56,000	6,59,296		
11	Thakkavilur canal	38,773	38,773	..	38,773	..	38,773	19,000	19,773		
12	Shadappa do.	1,41,946	1,41,946	142	1,41,804	..	1,41,804	60,000	81,804		
13	Thakkavilur canal	1,80,188	1,80,188	25	1,80,163	..	1,80,163	20,000	1,60,163		
14	Shadappa do.	1,25,485	1,25,485	371	1,25,114	..	1,25,114	39,000	86,114		
15	Chentrambakkam tank	40,619	40,619	320	40,299	..	40,299	30,000	10,299		
16	Chentrambakkam tank	1,21,014	1,21,014	458	1,20,556	..	1,20,556	38,000	82,556		
17	Polur project	10,60,646	10,60,646	3,719	10,56,927	..	10,56,927	2,04,000	8,52,927		
18	Kistna delta	48,82,736	48,82,736	19,197	48,63,539	..	48,63,539	71,000	47,92,539		
19	Nandya channel	33,140	33,140	471	32,669	..	32,669	17,000	15,669		
20	Nandya channel	1,60,258	1,60,258	2,206	1,58,052	..	1,58,052	95,000	63,052		
21	Lower Coleroon rivers	6,34,584	6,34,584	2,235	6,32,349	..	6,32,349	1,55,000	4,77,349		
22	Divi pumping	3,29,173	3,29,173	5,451	3,23,722	..	3,23,722	20,300	3,03,422		
23	Toludur reservoir	1,08,960	1,08,960	..	1,08,960	..	1,08,960	10,500	98,460		
24	Polavaram island project	1,25,452	1,25,452	39	1,25,413	..	1,25,413	..	1,25,413		
25	Cauvery-Mettur	13,16,742	13,16,742	16,420	13,00,322	..	13,00,322	98,000	12,02,322		
26	Kattalai scheme	3,58,657	3,58,657	1,885	3,56,772	..	3,56,772	2,54,000	1,02,772		
	Total, A. Irrigation—1. Productive Works ..	2,19,25,199	2,19,25,199	1,74,380	2,17,50,819	..	2,17,50,819	52,84,772	1,64,66,047		
2. UNPRODUCTIVE WORKS.											
1	Kurnool-Cuddapah canal	3,41,035	3,41,035	9,334	3,34,701	..	3,34,701	35,872	2,98,829		
2	Barur tank	24,000	24,000	28	23,972	..	23,972	4,500	19,472		
3	Vallur ancient ..	8,617	8,617	220	8,397	..	8,397	5,000	3,397		

APPENDIX I

49

C-III.—Demands and Realizations during the year 1935-36 in the Madras Presidency—*cont.*
Irrigation, Navigation, Embankment and Drainage Works (classified as 'Productive' and 'Unproductive') for which Capital and Revenue Accounts are kept—*cont.*

Works or systems.	Balance of demands realized at the commencement of the year.	Demand for the year.	Total.	Deduct remissions including cash refunds.	Net total.	Deduct amount unrealized at the close of the year.	Actual total receipts of the year.	Deduct share due to old irrigation.	Net revenue due to improvements.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
A. IRRIGATION WORKS— <i>cont.</i>									
2. UNPRODUCTIVE WORKS— <i>cont.</i>									
4 Madras water-supply and irrigation systems ..	..	78,702	78,702	487	78,235	..	78,235	11,000	67,235
5 Pealandurai aicut system ..	..	59,272	59,272	3	59,269	..	59,269	3,000	56,269
6 Palur do. ..	..	3,86,165	3,86,165	2,569	3,83,596	..	3,83,596	1,25,000	2,58,596
7 Rushikulva system ..	..	2,71,499	2,71,499	1,556	2,69,943	..	2,69,943	67,000	2,02,943
8 Muniyeri do. ..	..	51,239	51,239	987	50,252	..	50,252	2,500	47,752
9 Dondapur tank system ..	..	867	867	..	867	..	867	..	867
10 Yeru do. ..	..	3,926	3,926	..	3,926	..	3,926	425	3,501
11 Sagleri system ..	..	26,425	26,425	296	26,129	..	26,129	17,800	8,329
12 Annakur tank system ..	..	1,958	1,958	..	1,958	..	1,958	..	1,958
13 Angamaleswarapuram tank ..	..	1,422	1,422	..	862	..	862	500	362
14 Annadasandurai-Beraperu tank ..	..	4,004	4,004	2,390	1,614	..	1,614	3,600	—
15 Hojipuram tank ..	..	2,884	2,884	1,229	1,655	..	1,655	..	1,655
16 Pondalur do. ..	..	5,697	5,697	1,133	4,564	..	4,564	..	4,564
17 Marudai do. ..	..	8,338	8,338	..	8,338	..	8,338	2,130	6,208
18 Nagavalli river system ..	..	1,36,354	1,36,354	4,712	1,31,642	..	1,31,642	97,400	94,242
19 Venkatapuram tank ..	..	1,435	1,435	..	1,435	..	1,435	164	1,271
20 Bhavanesi do. ..	..	4,459	4,459	..	4,459	..	4,459	..	4,459
21 Yellanur do. ..	..	4,113	4,113	..	3,513	..	3,513	..	3,513
22 Siddapur tank ..	..	4,958	4,958	381	4,577	..	4,577	..	4,577
23 Nagavaram aicut and supply channel ..	..	4,170	4,170	348	3,822	..	3,822	2,256	1,566
24 Mopad reservoir ..	..	36,278	36,278	230	36,048	..	36,048	433	35,615
25 Kanniyampalayam aicut ..	..	4,000	4,000	..	4,000	..	4,000	..	4,000
26 Tippayapalam project ..	..	..	..	..	..	..	..	..	..
27 Panjapatli reservoir ..	..	44	44	..	44	..	44	..	44
28 Basavanna channel ..	..	..	..	..	..	..	..	..	..
Total, A. Irrigation Works—	..	14,74,891	14,74,891	27,043	14,47,848	..	14,47,848	3,18,580	11,29,268
2. Unproductive Works ..	..	2,34,00,090	2,34,00,090	2,01,423	2,31,98,667	..	2,31,98,667	56,03,352	1,75,95,315
Total, A. Irrigation Works ..	..	2,34,00,090	2,34,00,090	2,01,423	2,31,98,667	..	2,31,98,667	56,03,352	1,75,95,315

APPENDIX I

B. NAVIGATION, EMBANKMENT, AND DRAINAGE WORKS.

2. UNPRODUCTIVE WORKS.

1 Ganjam-Gopalpur canal ..	..	8	8	..	8	..	8	..	8
2 Feduranniyam canal ..	..	1,254	1,254	5	1,249	..	1,249	..	1,249
3 Buckingham canal ..	..	80,092	80,092	..	80,092	..	80,092	..	80,092
Total, B. Navigation, etc.—	..	81,354	81,354	5	81,349	..	81,349	..	81,349
2. Unproductive Works ..	..	81,354	81,354	5	81,349	..	81,349	..	81,349
Total, B. Navigation, etc., Works.	..	81,354	81,354	5	81,349	..	81,349	..	81,349
Total, Construction of Irrigation, etc., Works ..	..	2,34,81,444	2,34,81,444	2,01,428	2,32,80,016	..	2,32,80,016	56,03,352	1,76,76,664

APPENDIX I

C-IV.—Statement showing the financial results of Irrigation, Navigation, Embankment and Drainage Works (classified as 'Productive' and 'Unproductive') for which Capital and Revenue Accounts are kept in the Madras Presidency for the year 1935-36 based on the assessment for the year.

Works or systems.	Revenue assessed during the year.									
	Capital outlay (direct and indirect) to end of the year.	Direct revenue.				Indirect revenue and land revenue due to operations of canal.				Grand total.
		Owner's rates.	Plantations.	Navigation.	Miscellaneous.	Total.	Less refunds of revenue.			
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	RS.
A. IRRIGATION WORKS.										
1. PRODUCTIVE WORKS.										
1 Cauvery delta system ..	80,11,041	..	4,009	404	6,192	10,605	49,83,312	215	49,43,702	
2 Srivakuntam ancient system ..	17,75,063	..	353	15	7,146	8,014	2,22,542	17	2,30,539	
3 Godavari delta ..	186,51,139	..	7,832	1,90,076	46,312	2,44,220	51,85,830	2,249	54,27,801	
4 Renamattur ancient do. ..	83,995	..	22	..	545	567	26,498	..	27,065	
5 Nadapalli channel do. ..	1,77,446	..	1,704	..	238	1,942	1,48,175	..	1,50,117	
6 Kalingarayam channel do. ..	1,80,486	..	1,644	..	132	1,776	1,29,566	1	1,31,341	
7 Piddilacalam ancient do. ..	7,08,204	..	180	..	135	315	44,618	..	44,933	
8 Chembrambattam tank do. ..	7,64,143	..	..	..	105	105	66,791	..	66,896	
9 Karundur ancient do. ..	68,73,053	..	79	..	1,887	1,966	2,06,679	..	2,08,645	
10 Pennar river canals do. ..	3,44,445	..	227	..	2,052	2,279	9,13,253	..	9,15,296	
11 Tirukkottai channel do. ..	3,89,180	..	244	..	24	268	38,505	..	38,773	
12 Tirukkoyilur ancient do. ..	10,89,187	..	892	..	226	1,118	1,40,764	..	1,41,804	
13 Chataoipe do. do. ..	5,38,182	..	212	..	242	454	1,79,709	..	1,80,163	
14 Cheyyar do. do. ..	8,83,873	..	57	..	1,105	1,162	1,23,952	..	1,25,114	
15 Pambun tank do. do. ..	1,08,52,818	..	45	..	..	..	40,299	..	40,299	
16 Penuy ancient do. do. ..	2,19,72,715	..	2,085	..	4,984	7,434	10,49,535	..	10,56,927	
17 Kallar delta do. do. ..	2,89,228	..	186	..	34	222	46,68,133	..	46,68,539	
18 Nandiyar channel do. do. ..	2,89,228	..	1,508	..	10	10	1,58,042	..	1,58,052	
19 Lower Coleroon river do. do. ..	2,89,228	..	..	..	1,020	2,658	6,29,750	..	6,32,349	
20 Gandharum ancient do. do. ..	2,89,228	..	..	..	3,428	5,892	3,17,918	..	3,23,722	
21 Divi pumping do. do. ..	2,89,228	..	..	..	376	377	1,08,583	..	1,08,960	
22 Toludam reservoir do. do. ..	16,73,602	..	349	..	234	583	1,24,841	..	1,25,413	
23 Polavarum tank project do. do. ..	6,58,456	..	1,426	..	33,758	35,230	12,65,146	..	13,00,322	
24 Cauvery settur do. do. ..	39,03,229	..	2,121	..	1,119	3,416	3,53,518	112	3,56,822	
25 Kattalai scheme ..	..	..	..	..	..	..	..	..	..	
Total A. Irrigation Works—	15,20,72,181	..	28,447	3,40,557	1,58,282	5,27,286	2,12,27,721	4,188	2,17,50,819	

APPENDIX I

APPENDIX I

Works or systems.	Revenue assessed during the year.									
	Capital outlay (direct and indirect) to end of the year.	Direct revenue.				Indirect revenue and land revenue due to operations of canal.				Grand total.
		Owner's rates.	Plantations.	Navigation.	Miscellaneous.	Total.	Less refunds of revenue.			
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	RS.
2. UNPRODUCTIVE WORKS.										
1 Kurnool-Oddapah canal ..	2,33,87,114	..	447	122	9,876	9,498	3,25,530	327	33,470	
2 Barur tank ..	4,43,113	..	..	..	873	1,320	22,652	..	23,972	
3 Vallur ancient ..	76,282	..	..	..	146	146	8,251	..	8,397	
4 Madras water-supply and irrigation system ..	18,68,918	..	..	..	49,077	49,077	29,158	..	78,235	
5 Palandol ancient system ..	6,92,074	..	258	..	206	464	58,808	3	59,269	
6 Pakar do. do. ..	24,85,806	..	264	..	1,200	1,464	3,82,132	..	3,83,596	
7 Kankalya do. do. ..	56,10,265	..	422	..	3,156	3,578	2,66,415	..	2,69,943	
8 Masayen system ..	6,01,150	..	41	..	906	947	48,305	..	50,252	
9 Doddapah tank ..	1,40,004	..	..	..	..	..	867	..	867	
10 Yerru do. do. ..	63,353	..	..	..	..	..	3,926	..	3,926	
11 Bagluru system ..	4,64,727	..	..	..	..	..	26,061	..	26,129	
12 Annakur tank ..	1,25,403	..	..	..	..	..	1,958	..	1,958	
13 Jangamabeswarapuram tank ..	71,664	..	..	..	..	..	862	..	862	
14 Annamassurdam-Beraperu tank ..	73,573	..	..	..	..	..	1,614	..	1,614	
15 Ponnalur tank ..	3,11,883	..	..	..	..	..	1,655	..	1,655	
16 Ponnalur do. do. ..	2,18,649	..	..	..	..	..	4,563	..	4,564	
17 Markapur do. do. ..	1,29,340	..	..	..	..	..	8,338	..	8,338	
18 Nagavalli river system ..	17,44,671	..	15	..	..	..	1,30,986	..	1,31,642	
19 Veekataparam tank ..	3,84,921	..	..	..	..	..	1,435	..	1,435	
20 Bhavanasi do. do. ..	2,65,491	..	..	..	..	..	4,475	..	4,489	
21 Telanur do. do. ..	2,69,707	..	..	..	..	..	3,513	..	3,513	
22 Siddapur tank ..	8,04,486	..	..	..	..	..	4,577	..	4,577	
23 Nagavaram ancient and supply channel ..	1,09,890	..	..	..	..	..	3,774	..	3,774	
24 Mopad reservoir system ..	22,89,697	..	..	..	..	..	35,911	..	36,043	
25 Kanniyampalayam ancient ..	1,11,074	..	2	..	135	137	..	..	..	
26 Pappayampalem project ..	3,65,321	..	..	..	..	..	..	..	..	
27 Panhapatti reservoir ..	3,39,276	..	..	..	..	..	..	..	..	
28 Basavanna channel ..	5,66,449	..	..	..	..	..	..	..	..	
Total A. Irrigation Works—	4,39,94,301	..	1,449	122	69,991	71,462	13,76,766	380	14,47,848	
2. UNPRODUCTIVE WORKS.										
Total A. Irrigation Works ..	19,60,86,482	..	29,896	3,40,679	2,28,173	5,98,748	2,26,04,487	4,568	2,31,98,667	
B. NAVIGATION, EMBANKMENT AND DRAINAGE WORKS.										
2. UNPRODUCTIVE WORKS.										
1 Ganjam-Gopalpur canal ..	1,55,493	..	..	..	8	8	..	..	8	
2 Vedaranyam do. do. ..	1,36,432	..	..	..	17	17	..	..	17	
3 Buckingham do. do. ..	90,81,993	..	..	..	1,672	1,672	..	..	1,672	
Total B. Navigation, Embankment and Drainage Works—	93,73,918	..	559	79,098	1,697	81,354	..	5	81,349	
Total B. Navigation, etc., Works ..	93,73,918	..	559	79,098	1,697	81,354	..	5	81,349	
Total, Construction of Irrigation, etc., Works ..	20,54,40,400	..	30,455	4,19,777	2,29,870	6,80,102	2,26,04,487	4,578	2,32,80,016	

C-IV.—Statement showing the financial results of Irrigation, Navigation, Embankment and Drainage Works (classified as 'Productive' and 'Unproductive') for which Capital and Revenue Accounts are kept in the Madras Presidency for the year 1935-36 based on the assessment for the year—cont.

Works or systems.	Revenue assessed during the year—cont.				Net revenue of the year.		Percentage on capital outlay to end of the year (improvements only).
	Working expenses.				Total.	Due to improvements.	
	Deduct share due to old irrigation.	Total revenue due to improvements.	Total charges (direct and indirect).	Deduct old maintenance charges.			
	(11)	(12)	(13)	(14)	(16)	(17)	(18)
A. IRRIGATION WORKS.							
1. PRODUCTIVE WORKS.							
1 Cauvery delta system ..	33,90,332	15,53,320	10,14,148	1,50,225	39,29,554	6,89,397	8.61
2 Srivakuntam anicut system ..	79,000	1,51,539	1,11,146	7,416	1,03,730	47,809	2.69
3 Godavari delta ..	1,24,000	53,03,801	15,14,002	..	39,13,799	37,89,799	20.34
4 Melamattur anicut ..	4,000	23,065	10,426	905	16,639	13,544	16.12
5 Thadapalli channel ..	76,000	74,117	21,971	4,404	1,28,146	56,610	31.90
6 Kalingarayan channel ..	88,000	46,341	23,354	4,995	1,07,987	27,982	15.50
7 Vridhachalam anicut ..	18,000	36,433	9,767	..	35,166	26,666	24.64
8 Chembrambakkam tank ..	1,15,000	49,896	12,076	6,423	53,820	44,243	5.79
9 Marudur anicut ..	2,58,000	93,645	45,721	6,267	1,65,924	57,191	95.12
10 Pennar river canals ..	19,000	6,59,296	1,65,762	41,621	1,27,141	7,46,534	7.74
11 Arunkota channel ..	60,000	81,804	42,082	7,013	33,290	15,408	10.67
12 Tirukkoyilur anicut ..	20,000	1,60,163	48,455	2,340	99,742	46,755	11.71
13 Shadatope ..	39,000	88,114	33,402	4,011	1,31,708	1,14,048	10.47
14 Cheyyar ..	30,000	10,299	1,841	947	91,712	56,723	10.54
15 Cumbum tank ..	38,000	82,556	29,145	3,907	38,458	9,405	10.89
16 Pomey anicut ..	2,04,000	8,52,927	2,50,686	34,535	91,411	57,318	18.86
17 Periyar project ..	71,000	47,92,539	11,63,695	..	8,06,241	6,36,776	5.88
18 Kistum delta ..	17,000	15,669	8,635	4,278	36,998,844	36,28,844	16.51
19 Nandiyar channel ..	95,000	63,052	69,704	7,722	24,034	11,312	17.21
20 Ganjam minor rivers ..	1,55,000	4,77,349	1,78,020	10,353	88,348	1,070	0.37
21 Lower Coleroon anicut ..	20,300	3,03,422	1,44,195	17,096	4,54,329	3,09,682	10.32
22 Divi pumping ..	10,500	98,370	39,333	..	1,79,527	1,76,323	6.65
23 Toludur reservoir ..	..	98,370	39,333	..	68,627	59,037	2.27
24 Polavaram Island project ..	..	1,25,413	14,785	..	1,10,628	1,10,628	6.61
25 Cauvery-Mettur ..	98,000	12,02,322	4,64,606	..	8,35,716	7,37,716	1.12
26 Kattalai scheme ..	2,54,000	1,02,822	1,08,619	64,681	4,64,606	35,884	1.51
Total, A. Irrigation Works—	52,84,772	1,64,66,047	55,31,039	3,80,317	1,62,19,780	1,13,15,325	7.44
1. Productive Works ..	..	..	..	..	..	..	..

2. UNPRODUCTIVE WORKS.

1 Kurnool-Cuddapah canal ..	35,872	2,98,829	1,47,369	8,571	1,43,798	1,87,332	0.69
2 Barur tank ..	4,500	19,472	8,234	..	8,234	15,788	2.54
3 Valur anicut ..	6,000	3,397	2,100	1,556	644	6,297	3.74
4 Madras water-supply and irrigation system ..	11,000	67,235	26,130	4,536	21,594	52,105	2.44
5 Palnadur anicut system ..	3,000	56,269	20,772	166	20,606	35,497	35.663
6 Pakhal ..	1,25,000	2,58,596	82,156	8,863	78,293	3,01,440	7.31
7 Rushikulya do. ..	67,000	2,02,913	1,66,321	9,263	1,57,058	1,03,622	43.885
8 Munjuru system ..	2,500	47,752	10,944	311	10,633	39,308	6.17
9 Dondapudi tank ..	..	867	54	..	64	813	0.56
10 Venur ..	425	3,501	832	..	832	3,094	4.25
11 Segluri system ..	17,800	8,329	5,928	2,608	3,320	20,201	1.21
12 Annakur tank ..	..	1,538	651	..	651	1,307	1.06
13 Angamateswarapuram tank ..	500	362	82	..	82	780	1.04
14 Angamateswarapuram-Berapur tank ..	3,600	1,356	595	899	304	1,019	0.39
15 Halpunan tank ..	..	1,635	318	..	318	1,337	0.29
16 Palpunan do. ..	..	4,564	3,003	..	3,006	1,558	0.73
17 Markapur ..	2,130	6,203	5,563	..	5,280	2,770	0.71
18 Markapur river system ..	37,400	94,242	38,231	238	33,430	928	0.72
19 Venkatapuram tank ..	164	1,271	694	4,801	694	60,812	3.49
20 Bhavanasi ..	..	4,489	2,880	..	2,880	1,609	1.15
21 Vellalur ..	..	1,513	1,301	..	1,301	2,212	1.61
22 Siddapur tank ..	..	4,577	849	..	849	3,728	0.82
23 Nagavaram anicut and supply channel.	2,256	1,566	57	..	577	3,728	0.46
24 Mopad reservoir system ..	433	35,615	13,614	..	13,614	989	0.90
25 Kanayannalayan anicut ..	..	4,000	1,522	..	1,522	29,001	0.96
26 Tinnayapalem project ..	..	..	..	..	..	2,478	2.23
27 Paulapatti reservoir ..	..	44	257	..	257	..	..
28 Basavanna channel ..	..	..	37,011	..	37,011	..	..
Total, A. Irrigation Works—	3,18,560	11,29,268	5,77,996	31,862	5,46,134	8,69,852	1.32
2. Unproductive Works ..	..	..	..	..	..	..	..
Total, A. Irrigation Works ..	56,03,352	1,75,95,315	61,09,035	4,12,179	56,96,856	1,18,98,459	6.07
B. NAVIGATION, EMBANKMENT AND DRAINAGE WORKS.							
2. UNPRODUCTIVE WORKS.							
1 Ganjam-Gopalpur canal ..	..	8	12,086	..	12,086	8	0.005
2 Vennanayan do. ..	..	1,249	1,76,409	..	1,76,409	10,837	7.94
3 Buckingham ..	..	80,092	..	..	..	96,317	1.06
Total, B. Navigation, Embankment and Drainage Works—	..	..	..	..	..	..	..
2. Unproductive Works ..	..	..	..	..	..	..	..
Total, B. Navigation, etc., Works ..	..	81,349	1,88,495	..	1,88,495	1,07,146	1.14
Total, Construction of Irrigation, etc., Works ..	56,03,352	1,76,76,664	62,97,530	4,12,179	58,35,351	1,17,91,313	5.74

D-I.—Statement of traffic on the principal navigable canals in the Madras Presidency during the year 1935-36.

Receipts— Length of canal open for naviga- tion.	(1) Miles.	Godavari canals.					Kistna canals.		Kurnool- Cuddapah canal.		Buckingham canal.		West Coast canals.		Dumma- gudem canals.		Vedara- nayan canal.		Total.
		(2) 490-7/8	(3) 382½	(4) 75	(5) 262	(6) 121	(7) 2	(8) 31½											
Tolls	Ra.	.. 66	.. 230	.. 119	.. 119	22,139	..	..	..	..	..	..	..	..	..	..	..	..	..
Testing fees	..	53,434	68,116	85,127	85,127	5,384	..	..	..	..	..	..	..	..	..	..	..	..	..
Annual licence fees	..	44,732	21,213	13,366	13,366	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Six weeks' licence fees	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Registration fees	..	12,719	23,326	18,680	18,680	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Wharfage fees	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Demurrage fees	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Raft fees	..	17,781	231	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Numbering fees	..	128	219	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Fines	..	12,483	21,248	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Ground rents	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Miscellaneous	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Refunds	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Government boats and steamers.	..	68,361	22,191	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Boat rent	..	2,392	424	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total Receipts	..	2,19,803	1,57,651	79,783	79,783	29,011	..	..	..	..	..	..	..	..	..	..	..	..	..
Maintenance charges, including special navigation establish- ment.	..	1,43,638	84,341	1,39,702	1,39,702	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Net revenue	..	66,935	68,347	..	..	29,011	..	..	..	..	..	..	..	..	..	..	..	..	..
Total number of boats plying cargo ..	..	68,812	4,321	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total number of boats plying passen- gers.	..	5,368	1,187	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total tonnage, cargo boats	..	808,138	775,521	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Tonnage, passenger boats	..	8,759,484	12,032,156	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Ton mileage, up	..	7,418,674	16,475,099	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Do. down	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total	..	16,178,135	28,557,355	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Estimated value of cargoes, up	Ra.	6,92,75,929	3,03,08,215	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Do. down	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total	..	6,92,75,929	3,03,08,215	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Number of passengers	..	999,023	187,211	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Rafts, tons, up	..	27,170	911	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Do. down	..	79,179	870	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total	..	106,349	1,781	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Estimated value of rafts	Ra.	76,59,723	1,48,158	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Tollage on boats per ton per mile	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Tollage on rafts per 100 square feet	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Tollage on rafts per 100 square feet	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..

D-II.—Description and quantities of goods, etc., carried on the principal canals in the Madras Presidency during the year 1935-36.

Description.	Godavari canals.					Kistna canals.					
	Total, Government and private.			Private.		Total, Government and private.			Private.		
	Quantity.		Value.	Quantity.	Value.	Quantity.		Value.	Quantity.		Value.
(1)	Up. (2)	Down. (3)	Total. (4)	RS.	(5)	(6)	(7)	Up. (8)	Down. (9)	Total. (10)	RS.
Boat traffic.											
Cotton, raw and manufactured	566	1,299	1,865	26,55,976	1,865	26,55,976	61	188	229	2,27,025	
Woolen goods	..	..	..	..	2,058	18,09,530	..	13	13	13	12,638
Dyes and tans	925	1,133	2,058	18,02,830	124,598	89,25,078	103	235	338	2,83,238	
Rice and paddy	83,393	41,735	125,128	26,65,078	28,456	26,65,078	85,005	19,203	104,208	71,80,880	
Other food-grains	3,916	24,740	28,656	66,420	130	66,420	3,411	4,846	7,757	7,21,401	
Hides and skins	48	82	130	5,35,700	975	5,35,700	150	41	117	83,573	
Liquors	..	..	..	..	2,888	14,22,490	..	..	..	3,50,640	
Metals	1,447	1,441	2,888	14,22,490	15,708	60,42,933	530	1,158	1,688	8,54,898	
Oils	5,969	8,834	14,703	40,42,933	15,936	24,06,336	1,916	2,963	4,879	24,16,269	
Oil-seeds	2,463	13,473	15,936	24,06,336	11,328	40,79,760	11,606	22,940	34,546	69,35,356	
Provisions	60,137	51,091	111,228	1,97,92,584	11,516	1,97,92,584	11,606	11,320	22,920	40,79,760	
Salt	9,555	4,961	14,516	7,83,864	5,356	7,83,864	5,363	2,374	7,737	4,17,798	
Spices	3,852	1,404	5,256	78,89,256	9,712	78,89,256	..	..	6	9,006	
Sugar and jaggery	2,851	6,861	9,712	15,48,050	5,459	44,18,974	4,200	1,789	5,989	11,69,595	
Tobacco	1,591	4,368	5,959	44,18,974	3,045	44,18,974	3,045	608	3,653	27,22,468	
Building materials	105,403	236,453	341,856	8,75,724	63,359	1,97,873	3,398	40,487	43,885	6,42,432	
Miscellaneous goods	19,697	28,134	47,831	38,92,917	47,831	38,92,917	13,104	85,526	98,630	21,00,084	
Timber	2,890	9,333	12,223	17,47,889	12,223	17,47,889	1,824	1,508	3,332	4,47,876	
Firewood	32,195	9,689	41,884	4,60,724	41,884	4,60,724	2,870	1,518	4,388	2,55,068	
Bamboos	90	24,790	24,790	11,65,130	24,790	11,65,130	4,813	3,049	7,862	3,69,514	
Coal and coke	443	825	1,268	51,998	1,268	51,998	371	1,385	1,756	71,986	
Jute	..	..	..	..	346	65,048	..	..	..	67,304	
Treasure	..	..	..	..	..	65,048	..	..	..	..	
Kerosene oil	..	..	..	..	..	..	..	..	..	..	
Cotton seeds	..	..	..	..	..	..	..	..	..	..	
Poles	..	..	..	..	..	..	..	..	..	..	
Scandlings	..	..	..	..	..	..	..	..	..	..	
Total, Boat traffic	337,341	470,797	808,138	6,92,75,929	529,411	6,85,43,058	210,694	564,827	775,521	3,03,08,315	
Raft traffic.											
Timber in logs	761	31,004	31,765	46,69,455	31,765	46,69,455	4	230	234	34,398	
Squared timber	..	..	..	..	466	90,404	106	118	224	43,456	
Sleepers, broad gauge	..	..	..	..	..	..	..	..	..	..	
Do. metre gauge	..	..	..	..	..	..	..	..	..	..	
Scandlings	10	7	17	3,689	17	3,689	..	..	..	..	
Poles	26,370	1,972	28,342	3,68,901	3,153	3,68,901	..	..	..	..	
Firewood	29	42,577	42,606	3,11,762	28,342	3,11,762	..	12	12	132	
Bamboos and reeds	..	..	..	22,15,512	42,606	22,15,512	241	1,070	1,311	68,172	
Total, Raft traffic	27,170	79,179	106,349	76,59,723	106,349	76,59,723	351	1,430	1,781	1,46,158	
Grand total	364,511	549,976	914,487	7,69,35,652	635,760	7,62,02,781	211,045	566,257	777,302	3,04,54,473	

D-II.—Description and quantities of goods, etc., carried on the principal canals in the Madras Presidency during the year 1935-36—*cont.*

Description.	Kistna canals— <i>cont.</i>			Kurnool-Cuddapah canal.					
	Private.		Quantity. (12)	Total, Government and private.			Quantity. (18)	Value. (19)	
	Quantity. (13)	Value. (14)		Down. (15)	Total. (16)	Value. (17)			
									Up. (14)
<i>Boat traffic.</i>									
Cotton, raw and manufactured	..	..	..	..	..	..	..	..	..
Woolen goods	..	..	..	..	..	..	..	..	..
Dyes and tans	..	..	..	..	..	..	..	..	..
Rice and paddy	..	..	..	..	..	..	..	..	..
Other food-grains	..	..	..	..	..	..	..	..	..
Hides and skins	..	..	..	..	..	..	..	..	..
Liquors	..	..	..	..	..	..	..	..	..
Metals	..	..	..	..	..	..	..	..	..
Oil-seeds	..	..	..	..	..	..	..	..	..
Provisions	..	..	..	..	..	..	..	..	..
Salt	..	..	..	..	..	..	..	..	..
Spices	..	..	..	..	..	..	..	..	..
Sugar and jaggery	..	..	..	..	..	..	..	..	..
Tobacco	..	..	..	..	..	..	..	..	..
Building materials	..	..	..	..	..	..	..	..	..
Miscellaneous goods	..	..	..	..	..	..	..	..	..
Timber	..	..	..	..	..	..	..	..	..
Firewood	..	..	..	..	..	..	..	..	..
Bamboos	..	..	..	..	..	..	..	..	..
Coal and coke	..	..	..	..	..	..	..	..	..
Jute	..	..	..	..	..	..	..	..	..
Treasure	..	..	..	..	..	..	..	..	..
Kerosene oil	..	..	..	..	..	..	..	..	..
Cotton seeds	..	..	..	..	..	..	..	..	..
Poles	..	..	..	..	..	..	..	..	..
Scantlings	..	..	..	..	..	..	..	..	..
Total, Boat traffic	688,461	2,99,25,746	..	..	..	..	..	..	..
<i>Raft traffic.</i>									
Timber in logs	..	..	..	..	..	..	..	..	..
Squared timber	..	..	..	..	..	..	..	..	..
Sleepers, broad gauge	..	..	..	..	..	..	..	..	..
Do. metre gauge	..	..	..	..	..	..	..	..	..
Scantlings	..	..	..	..	..	..	..	..	..
Poles	..	..	..	..	..	..	..	..	..
Firewood	..	..	..	..	..	..	..	..	..
Bamboos and reeds	..	..	..	..	..	..	..	..	..
Total, Raft traffic	1,781	1,46,158	..	..	..	..	..	..	..
Grand total	690,242	3,00,71,904	..	..	..	..	..	..	..

D-II.—Description and quantities of goods, etc., carried on the principal canals in the Madras Presidency during the year 1935-36—*cont.*

Description.	Buckingham canal.					West Coast canals.						
	Total, Government and private.			Private.	Total, Government and private.			Private.				
	Quantity.		Value.		Quantity.		Value.					
	Up.	Down.			Up.	Down.			Total.			
	(20) TONS.	(21) TONS.	(22) TONS.	(23) RS.	(24) TONS.	(25) RS.	(26) TONS.	(27) TONS.	(28) TONS.	(29) RS.	(30) TONS.	(31) RS.
<i>Boat traffic.</i>												
Cotton, raw and manu-	..	10	10	16,270	..	10	16,270	..	..	..	..	..
factured ..	..	..	..	..	..	..	..	..	..	..	..	..
Woolen goods ..	..	198	..	6,788	..	128	..	..	..	..	..	..
Dyes and tans ..	..	5,896	..	17,341.43	..	14,632	..	..	..	..	..	..
Rice and paddy ..	..	1,537	..	3,32,754	..	3,578	..	..	..	..	..	..
Other food-grains ..	..	1	..	819	..	1	..	..	..	..	..	..
Hides and skins ..	..	..	..	..	..	..	..	..	..	..	..	..
Liquors ..	..	1,524	..	2,65,396	..	1,543	..	..	..	..	..	..
Metals ..	..	1,400	..	1,64,400	..	400	..	..	..	..	..	..
Oils ..	..	94	..	89,521	..	661	..	..	..	..	..	..
Oil-seeds ..	..	5,420	..	23,96,726	..	13,465	..	..	..	..	..	..
Provisions ..	..	12,700	..	7,07,994	..	13,111	..	..	..	..	..	..
Salt ..	..	411	..	..	..	..	..	..	..	..	..	..
Spices ..	..	6	..	..	..	..	..	..	..	..	..	..
Sugar and jaggery ..	..	192	..	49,746	..	193	..	..	..	..	..	..
Tobacco ..	..	193	..	2,79,146	..	376	..	..	..	..	..	..
Building materials ..	..	38,502	..	13,28,987	..	39,025	..	..	..	..	..	..
Miscellaneous goods ..	..	1,770	..	3,82,277	..	3,623	..	..	..	..	..	..
Timber ..	..	12	..	96,740	..	684	..	..	..	..	..	..
Firewood ..	..	71,027	..	8,15,997	..	74,181	..	..	..	..	..	..
Bamboos ..	..	3,154	..	..	..	179	..	..	..	..	..	..
Coal and coke ..	..	179	..	8,413	..	179	..	..	..	..	..	..
Jute ..	..	..	..	..	..	..	..	..	..	..	..	..
Treasure ..	..	..	..	..	..	..	..	..	..	..	..	..
Kerosene oil ..	..	..	..	..	..	..	..	..	..	..	..	..
Cotton seeds ..	..	..	..	..	..	..	..	..	..	..	..	..
Poles ..	..	..	..	..	..	..	..	..	..	..	..	..
Scandlings ..	..	..	..	..	..	..	..	..	..	..	..	..
Total, Boat traffic ..	140,451	24,748	165,199	84,82,407	165,199	84,82,407	..	..	..	..	..	..
<i>Raft traffic.</i>												
Timber in logs ..	..	..	..	..	..	..	..	..	..	..	..	..
Squared timber ..	..	..	..	..	..	..	..	..	..	..	..	..
Sleepers, broad gauge ..	..	..	..	..	..	..	..	..	..	..	..	..
Do. metre gauge ..	..	..	..	..	..	..	..	..	..	..	..	..
Scandlings ..	..	..	..	..	..	..	..	..	..	..	..	..
Poles ..	..	..	..	..	..	..	..	..	..	..	..	..
Firewood ..	..	..	..	..	..	..	..	..	..	..	..	..
Bamboos and reeds ..	..	..	..	..	..	..	..	..	..	..	..	..
Total, Raft traffic ..	..	..	..	..	..	..	..	..	..	..	..	..
Grand total	140,451	24,748	165,199	84,82,407	165,199	84,82,407	..	..	..	..	..	..

D-II.—Description and quantities of goods, etc., carried on the principal canals in the Madras Presidency during the year 1935-36—cont.

Description.	Dumaguadum canal.						Vedaranyam canal.					
	Total, Government and private.			Private.			Total, Government and private.			Private.		
	Quantity.			Value.			Quantity.			Value.		
	Up. (32) TONS.	Down. (33) TONS.	Total (34) TONS.	Up. (35) RS.	Down. (36) TONS.	Total (37) RS.	Up. (38) TONS.	Down. (39) TONS.	Total (40) TONS.	Up. (41) RS.	Down. (42) TONS.	Total (43) RS.
<i>Boat traffic.</i>												
Cotton, raw and manu- factured	..	..	..	..	..	..	..	..	..	..	..	..
Woolen goods	..	..	..	..	..	..	..	..	..	..	..	..
Dyes and tans	..	..	..	..	..	..	..	..	..	..	..	..
Rice and paddy	73½	12½	86	10,137½	12½	10,150	98	143	241	17,670	241	17,670
Other food-grains ..	..	..	..	..	..	..	195	..	195	18,135	195	18,135
Hides and skins	..	..	..	..	..	..	..	..	..	..	..	..
Liquors	..	..	..	..	..	..	..	..	..	..	..	..
Metals	..	..	..	..	..	..	..	..	..	..	..	..
Oils	..	..	..	..	..	..	..	..	..	..	..	..
Oil-seeds	..	..	..	..	..	..	..	..	..	..	..	..
Provisions	..	..	..	..	..	..	..	..	..	..	..	..
Salt	..	..	..	..	..	..	..	..	..	..	..	..
Spices	..	..	..	..	..	..	..	..	..	..	..	..
Sugar and jaggery ..	..	..	..	..	..	..	..	..	..	..	..	..
Tobacco	..	..	..	..	..	..	..	..	..	..	..	..
Building materials ..	..	..	..	..	..	..	..	..	..	..	..	..
Miscellaneous goods ..	..	..	..	..	..	..	..	..	..	..	..	..
Timber	..	..	..	..	..	..	..	..	..	..	..	..
Firewood	..	..	..	..	..	..	..	..	..	..	..	..
Bamboos and reeds ..	..	..	..	..	..	..	..	..	..	..	..	..
<i>Raft traffic.</i>												
Timber in logs	..	..	..	..	..	..	..	..	..	..	..	..
Squared timber	..	..	..	..	..	..	..	..	..	..	..	..
Sleepers, broad gauge. Do. metre gauge.	..	..	..	..	..	..	..	..	..	..	..	..
Scandlings	..	..	..	..	..	..	..	..	..	..	..	..
Poles	..	..	..	..	..	..	..	..	..	..	..	..
Firewood	..	..	..	..	..	..	..	..	..	..	..	..
Bamboos and reeds ..	..	..	..	..	..	..	..	..	..	..	..	..
Total, Raft traffic ..	..	..	..	..	..	..	..	..	..	..	..	..
Grand total	882	1,546½	2,428½	6,43,514	2,426½	6,48,304	1,631	3,446	5,077	5,13,532	5,077	5,13,532

E-I.—Statement of areas irrigated under Irrigation Works classed as Productive and Unproductive for which Capital and Revenue Accounts are kept in the Madras Presidency during the year 1935-36.

Name of canal.	Area charged as irrigated in acres.										Percentage of double cropped area [columns (4) + (5)] on the first-crop area [columns (2) + (3)].
	First crop.					Second crop.					
	Flow.		Lift.	Flow.		Lift.	Total.		Both seasons.		
	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)			
(1)	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	
<i>Productive.</i>											
Ganjam minor rivers system	63,351	1,780	2,922	1,572	69,625	130	6-90				
Godavari delta system	791,211	11,260	243,256	4,599	1,050,326	12,141	30-89				
Kistna delta system	808,294	11,213	2,997	309	822,313	10,592	0-40				
Divi pumping system	40,484	161	..	..	40,645	6	..				
Pennar river canals system	160,863	3,873	9,496	318	174,550	1,335	5-96				
Arkenkotta channel	4,631	142	448	21	5,222	5	..				
Thadapalli channel	14,436	1,009	3,171	260	18,876	550	22-21				
Kalingarayan channel	9,375	2,549	9,225	1,768	23,417	2,942	88-48				
Chembarambakkam tank	13,168	195	6,201	79	19,643	899	47-00				
Pokeyr ancient system	22,505	595	7,663	118	30,866	116	33-71				
Cheyyar ancient system	21,645	547	16,220	492	38,904	179	75-31				
Trukkoilur ancient system	26,932	755	3,043	79	60,809	920	11-28				
Shattakope ancient system	31,873	655	6,833	140	39,501	896	21-44				
Metnamatur ancient system	4,867	21	401	3	5,292	111	8-27				
Vridhachalam ancient system	15,479	66	1,807	12	17,299	464	6-88				
Willington reservoir	15,140	336	1,807	7	17,290	756	11-72				
Lower Coleroon ancient system	108,466	1,338	9,860	431	120,095	640	9-37				
Cauvery delta system	852,425	19,980	91,754	3,644	967,753	14,799	10-94				
Nandiyar channel system	6,284	812	2,458	341	9,875	823	39-56				
Periyar system	130,637	451	38,732	138	170,958	2,149	30-41				
Srivaikuntam ancient system	23,786	2,059	12,411	391	38,647	1,285	49-53				
Marudur ancient system	16,465	926	8,180	195	25,769	629	48-15				
Bumbun tank	5,497	122	4,934	238	10,791	739	92-04				
Kattalai scheme	40,260	1,852	12,284	1,008	55,404	4,128	31-56				
Polavaram Island Project	11,360	29	9,996	7	21,392	12	87-83				
Cauvery-Mettur Project	120,173	849	4,507	76	125,605	77	3-79				
<i>Unproductive.</i>											
Rushikulya system	107,777	2,423	798	337	111,335	401	1-03				
Nagavalli river system	26,776	219	3,890	27	30,412	136	12-66				
Munieru ancient system	8,378	12	483	23	9,426	..	5-67				
Jangamaheswarapuram tank	429	15	..	..	444	..	..				
Atmakur tank	460	..	..	..	484	..	5-22				
Bhavanasi tank	478	..	..	..	482	..	0-84				
Donadapad tank	222	..	..	..	238	..	7-21				
Mopad reservoir	4,257	..	..	..	4,594	..	7-71				
Hallipuram tank	502	176	..	..	683	..	0-74				

E-I.—Statement of areas irrigated under Irrigation Works classed as Productive and Unproductive for which Capital and Revenue Accounts are kept in the Madras Presidency during the year 1935-36—cont.

Name of canal.	First crop.			Second crop.			Total.	Both seasons.	Percentage of double cropped area [columns (4) + (5)] on the first-crop area [columns (2) + (3)].
	Flow.	Lift.	ACS.	Flow.	Lift.	ACS.			
(1)	ACS.			ACS.			ACS.		
Unproductive—cont.									
Ponnalur tank	737	.. 3	72	..	809	..	809	..	9.77
Anamasandram-Beraperu tank	922	..	27	..	952	..	952	..	2.92
Yerur tank	1,408	161	1,886	237	1,408	..	1,408	..	..
Sagileru system	4,310	7	964	..	2,381	..	2,381	..	270
Markapur tank	1,310	..	42	..	670	..	670	..	..
Yellanur tank	618	.. 1	33	..	650	..	650	..	..
Etudapur tank	608	10	391	.. 2	1,011	..	1,011	..	47
Nagavaram ancient and supply channel	272	..	49	..	321	..	321	..	..
Yenkatapuram tank	69,320	610	9,913	386	80,729	2,320	80,729	2,320	14.62
Kurnool-Cuddapah canal	3,641	17	1,091	6	4,755	311	4,755	311	29.99
Barur tank	7,087	352	3,166	135	10,740	273	10,740	273	44.37
Madras water-supply and irrigation system	208	..	..	..	208	..	208	..	..
Kaniyampalayam ancient	4,754	291	135	.. 27	5,207	..	5,207	..	101
Palar ancient system	78,753	2,058	36,917	605	118,333	1,576	118,333	1,576	46.43
Pelandora ancient system	12,293	262	693	29	13,282	147	13,282	147	5.75
First crop.									
Godavari delta	..	28th May to 30th November	..	..	..	..	..	1st December to 22nd April.	..
Kistna delta and Divi Pumping system	..	11th June to 31st December	..	..	..	..	..	1st January to 31st March.	..
Pennar river canals	..	1st July to 31st December	..	..	..	..	..	Do.	..
Kurnool-Cuddapah canal	..	1st June to 30th November	..	..	..	..	..	1st December to 31st March.	..
Cauvery delta	..	1st June to 31st October	..	..	..	..	..	1st November to end of February.	..
Strivaikuntam ancient	..	Do.	..	..	..	..	..	1st November to 31st March.	..
Periyar system	..	1st October to 15th March	..	..	..	..	..	1st June to 30th September.	..
The above information regarding the periods is only roughly approximate for there is not any well marked division between the first and second crops which in many places actually overlap some of the so-called crop being planted while some of the so-called first crop is still on the ground and taking water.									
In the case of the Godavari and Kistna deltas, the period of irrigation of first crop has been taken to be 137 days and 204 days, respectively, though it varies in each delta as shown below during the year :—									
Godavari delta, Eastern section	..	..	..	..	23rd June to 30th November.	..	..	..	..
Do, Central section	..	..	..	..	Do.	..	..	..	..
Do, Western section	..	..	..	..	17th June to 20th November.	..	..	..	..
Kistna delta, Eastern section	..	..	..	..	25th June to 20th December.	..	..	..	..
Do, Western section	..	..	..	..	Do.	..	..	..	..
Area entered in column (7) both seasons are for lands bearing such crops as betel, sugarcane, which require irrigation for the greater part of the year. This is included in the areas of first and second crop.									

The above information regarding the periods is only roughly approximate for there is not any well marked division between the first and second crops which in many places actually overlap some of the so-called first crop being planted while some of the so-called first crop is still on the ground and taking water. In the case of the Godavari and Kistna deltas, the period of irrigation of first crop has been taken to be 137 days and 204 days, respectively, though it varies in each delta as shown below during the year:—

E-II.—Statement showing the incidence of working expenses and assessed water revenue on irrigation works classed as Productive and Unproductive for which Capital and Revenue Accounts are kept in the Madras Presidency during 1935-36.

Name of canal.	Average discharge of the year at canal head in cubic feet per second.	Water assessed, 1935-36.			Total of direct and indirect.	Assessed revenues from all sources.	Working expenses, direct and indirect.	Area charged as irrigated during the years 1935-36, first and second crops.	Working expenses.		Per acre irrigated.	Per acre irrigated.	Total water-rate, and direct and indirect.	
		Total.	Indirect.	RS.					RS.	Per cent on gross revenue.				Per cent on gross revenue.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)				
Productive.														
Ganjam minor river system	..	1,50,168	7,874	1,58,042	1,58,052	69,704	69,625	44.10	1.00	2.27	2.27			
Godavari delta system	..	49,56,164	2,29,666	51,85,830	54,27,801	15,14,002	1,050,326	27.89	1.44	4.94	4.94			
Kistna do.	..	4,79,751	1,88,782	46,68,133	48,68,539	11,63,695	822,813	23.93	1.41	5.67	5.67			
Divi pumping system	..	2,30,713	87,205	3,17,918	3,23,722	1,44,195	40,646	44.54	3.55	7.82	7.82			
Pennar river canals system	..	8,41,308	71,945	9,13,253	9,15,296	1,68,762	174,550	18.44	0.97	5.23	5.23			
Arunkota channel	..	38,077	428	38,505	38,773	5,483	5,242	14.14	1.05	7.35	7.35			
Tadapatri channel	..	384	2,929	38,175	38,517	18,871	18,871	14.04	1.16	7.85	7.85			
Kalingarayan channel	..	1,45,246	2,929	1,48,175	1,50,117	21,971	23,417	17.78	1.00	5.53	5.53			
Chembambakkam tank	..	1,29,083	483	1,29,566	1,31,341	23,417	23,417	17.78	1.00	5.53	5.53			
Pokey ancient system	..	64,834	957	65,791	65,896	12,076	13,564	18.33	0.61	3.35	3.35			
Chervar do.	..	1,14,814	5,471	1,20,285	1,20,556	29,145	38,943	24.18	0.94	3.90	3.90			
Trikkoyilur ancient system	..	1,19,217	4,735	1,23,952	1,25,114	33,402	38,904	26.70	0.86	2.31	2.31			
Shatadone do.	..	1,37,395	3,469	1,40,764	1,41,804	42,062	60,809	29.66	0.69	2.31	2.31			
Meharatur do.	..	1,62,678	17,031	1,79,709	1,80,163	48,455	39,501	38.52	1.23	5.01	5.01			
Vidhachalam do.	..	26,302	196	26,498	27,065	10,426	10,292	31.74	0.96	6.28	6.28			
Willington reservoir	..	44,279	339	44,618	44,933	9,767	10,202	26.15	1.48	5.10	5.10			
Lower Coleroon ancient system	..	1,06,135	448	1,06,583	1,08,960	36,333	17,290	36.10	2.27	6.28	6.28			
Cauvery delta system	..	5,78,235	51,515	6,29,750	6,32,849	1,78,020	120,095	28.51	1.05	5.10	5.10			
Nandiyar system	..	48,09,269	1,24,043	49,33,312	49,43,702	10,14,748	967,753	20.51	1.05	5.10	5.10			
Periyar do.	..	32,204	243	32,447	32,690	8,635	9,875	26.43	0.87	3.29	3.29			
Marudur ancient system	..	9,54,709	94,323	10,49,035	10,56,927	2,50,686	170,958	23.72	1.37	6.14	6.14			
Sriyakkuntam ancient system	..	2,21,052	1,490	2,22,542	2,30,339	1,11,146	58,647	48.21	2.88	8.02	8.02			
Gumbum tank	..	2,06,400	279	2,06,679	2,08,645	42,751	25,769	20.48	1.66	5.84	5.84			
South bank canal	..	39,838	121	40,299	40,399	1,841	10,791	4.57	0.17	3.73	3.73			
Polavaram Island Project	..	3,53,597	461	3,53,518	3,56,322	1,08,319	55,404	30.44	1.96	6.38	6.38			
Cauvery-Methur Project	..	1,24,841	..	1,24,841	1,25,413	14,785	21,392	11.79	0.69	5.84	5.84			
	..	12,65,146	..	12,65,146	13,00,322	4,64,606	125,605	35.73	3.70	10.07	10.07			
Unproductive.														
Rushikulva system	..	2,60,171	6,244	2,66,415	2,69,943	1,66,321	111,335	61.61	1.49	2.39	2.39			
Nagavalli river system	..	1,09,523	21,483	1,30,896	1,31,642	38,231	30,412	26.04	1.26	4.31	4.31			
Muniyeri ancient system	..	49,245	60	49,806	50,252	10,944	9,436	21.78	1.16	5.28	5.28			
Jangamashewarapuram tank	..	..	..	..	..	..	..	9.51	0.18	1.94	1.94			

E-II.—Statement showing the incidence of working expenses and assessed water revenue on irrigation works classed as Productive and Unproductive for which Capital and Revenue Accounts are kept in the Madras Presidency during 1935-36—*cont.*

Name of canal.	Average discharge of the year at canal head in cubic feet per second.	Water assessed, 1935-36.			Gross and assessed revenue from all sources.	Working expenses, direct and indirect.	Area charged as irrigated during the years 1935-36, first and second crops.	Working expenses.		Total water-rate, direct and indirect.
		Total, direct.	Indirect.	Total of direct and indirect.				Per cent on gross revenue.	Per acre irrigated.	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
RS.	RS.	RS.	RS.	RS.	RS.	RS.	ACS.			
<i>Unproductive—cont.</i>										
Atmakur tank ..	..	1,958	..	1,958	1,958	651	484	33.25	1.35	4.05
Bhavanasi tank ..	..	4,475	..	4,475	4,489	2,380	482	64.76	5.98	9.28
Dondaped tank ..	..	857	..	857	867	54	238	6.23	0.23	3.64
Mopad reservoir ..	..	30,745	5,166	35,911	36,048	13,614	4,594	37.77	2.96	7.82
Hajipuram tank ..	..	1,585	70	1,655	1,655	318	683	19.21	0.47	2.42
Ponnalur tank ..	..	4,563	..	4,563	4,564	3,006	809	65.86	3.72	5.64
Anamasamudram-Beraperu tank ..	..	1,613	1	1,614	1,614	595	952	38.86	0.63	1.70
Yerur tank ..	..	3,840	86	3,926	3,926	832	1,408	21.19	0.59	2.79
Sagileru system ..	..	23,035	26	23,061	23,129	5,928	6,403	25.76	0.93	4.07
Markapur tank ..	..	8,337	1	8,338	8,338	5,568	2,281	66.78	2.44	3.66
Yellapur tank ..	..	2,409	1,104	3,513	3,513	1,301	2,670	37.03	1.94	5.24
Siddhapur tank ..	..	4,577	..	4,577	4,577	849	650	18.55	1.31	7.04
Nagavaram anicut and supply channel.	..	3,628	146	3,774	3,822	577	1,011	15.10	0.57	3.73
Venkatapuram tank ..	..	1,397	38	1,435	1,435	694	321	48.86	2.16	4.47
Kurnool-Cuddapah canal ..	..	3,22,629	2,901	3,25,530	3,34,701	1,47,369	80,729	44.03	1.83	4.03
Barur tank ..	..	21,894	758	22,652	23,972	8,234	4,755	34.35	1.73	4.76
Madras water-supply and irrigation system.	..	28,696	462	29,158	78,235	26,130	10,740	33.40	2.43	2.71
Kanniyampalayan anicut ..	..	..	..	..	4,000	1,522	208	38.05	7.32	..
Vallur anicut system ..	..	7,177	1,074	8,251	8,397	2,100	5,207	25.01	0.40	1.58
Palar anicut system ..	..	3,65,251	16,851	3,82,132	3,83,596	82,156	118,333	21.42	0.69	3.22
Pelandorai anicut system ..	..	58,722	86	58,808	59,269	20,772	13,282	35.05	1.56	4.43

III-E.—Statement showing the area actually irrigated by flow and lift under Productive and Unproductive Works and the value of crops raised thereon for fasli 1345 (1935-36).

III-E.—Statement showing the area actually irrigated by flow and lift raised thereon for

Area actually irrigated.							raised thereon for
Names of systems.	First crop.		Second crop.		Total.	Both season.	
	Flow.	Lift.	Flow.	Lift.			
	(2)	(3)	(4)	(5)			
(1)	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	
(i) PRODUCTIVE WORKS.							
GANJAM DISTRICT.							
Ganjam minor rivers system ..	62,221	1,780	2,922	1,572	68,495	130	
EAST GODAVARI DISTRICT.							
Polavaram Island system ..	11,360	29	9,996	7	21,392	12	
Godavari delta system ..	355,857	3,598	96,717	1,173	457,345	6,48c	
WEST GODAVARI DISTRICT.							
Godavari delta system ..	407,702	7,662	146,258	3,426	565,048	5,653	
KISTNA DISTRICT.							
Godavari delta system ..	962	..	122	..	1,084	..	
Total ..	764,521	11,260	243,097	4,599	1,023,477	12,141	
WEST GODAVARI DISTRICT.							
Kistna delta system ..	38,286	182	533	87	39,088	39	
KISTNA DISTRICT.							
Kistna delta system ..	425,081	5,269	1,117	147	431,614	5,089	
GUNTUR DISTRICT.							
Kistna delta system ..	329,062	5,762	1,346	75	336,245	5,464	
Total ..	792,429	11,213	2,996	309	806,947	10,592	
KISTNA DISTRICT.							
Divi pumping system ..	40,291	161	..	1	40,453	6	
NELLORE DISTRICT.							
Pennar river canals system ..	155,211	3,873	9,455	318	168,857	1,335	
COIMBATORE DISTRICT.							
Arakkankottai channel ..	4,618	142	448	21	5,229	5	
Tadepalli channel ..	14,353	1,009	3,171	260	18,793	550	
Kalingarayan channel ..	9,758	2,549	9,225	1,768	23,300	2,942	
CHINGLEPUT DISTRICT.							
Chembrambakkam tank ..	12,737	195	6,197	79	19,208	899	
NORTH ARCOT DISTRICT.							
Poincy anicut system ..	19,611	577	7,372	117	27,677	115	
CHITTOOR DISTRICT.							
Poincy anicut system ..	1,404	18	296	1	1,719	1	
Total ..	21,015	595	7,668	118	29,296	116	
NORTH ARCOT DISTRICT.							
Cheyar anicut system ..	19,795	547	15,938	492	36,772	179	
CHINGLEPUT DISTRICT.							
Cheyar anicut system ..	416	..	282	..	698	..	
Total ..	20,211	547	16,220	492	37,470	179	
SOUTH ARCOT DISTRICT.							
Tirukkoyilur anicut system ..	25,919	755	3,030	79	29,783	920	
Shatlatope anicut system ..	29,503	655	6,333	140	37,131	896	
Mehamattur anicut system ..	4,778	21	401	3	5,203	111	
Vridhdachalam anicut system ..	8,877	66	645	12	9,600	464	
Willingdon Reservoir ..	15,056	336	1,807	7	17,206	756	
Lower Coleroon anicut system ..	83,051	723	7,531	257	91,562	407	
TANJORE DISTRICT.							
Lower Coleroon Anicut system ..	22,560	615	2,329	174	25,678	233	
Total ..	105,611	1,338	9,860	431	117,240	640	

under Productive and Unproductive Works and the value of crops fasli 1345 (1935-36).

Value of crops.							
Paddy.		Ragi.		Other crops.		Total.	
Area irrigated. (8)	Estimated value. (9)	Area irrigated. (10)	Estimated value. (11)	Area irrigated. (12)	Estimated value. (13)	Area irrigated. (14)	Estimated value. (15)
ACS.	RS.	ACS.	RS.	ACS.	RS.	ACS.	RS.
62,637	23,48,453	4,733	1,90,855	1,125	4,700	68,495	25,44,008
21,392	90,506	152	4,378	34,745	27,31,227	21,392	90,506
422,069	2,46,68,030	..	..	..	..	456,966	2,74,03,635
515,750	2,69,02,595	198	7,491	49,035	5,63,146	565,003	2,74,73,232
1,083	49,854	1	..	..	..	1,084	49,854
938,902	5,16,20,479	351	11,869	83,800	32,94,373	1,023,053	5,49,26,721
38,795	23,30,207	..	..	296	1,886	39,081	23,31,593
422,337	2,38,77,957	156	6,690	9,120	2,90,930	431,613	2,41,75,577
327,819	1,94,01,237	102	3,550	8,226	4,85,390	336,147	1,98,90,177
788,941	4,56,09,401	258	10,240	17,642	7,77,706	806,841	4,63,97,347
40,257	19,48,837	54	2,179	142	1,160	40,453	19,52,176
159,850	95,09,971	3,399	1,07,506	5,568	52,111	168,817	96,69,588
5,139	3,67,306	30	1,916	60	6,817	5,229	3,76,039
16,428	11,10,708	104	6,887	2,261	1,31,461	18,793	12,48,056
15,079	10,91,594	1,343	93,637	6,878	3,14,156	23,300	14,99,389
16,196	7,28,054	796	28,531	2,212	2,11,938	19,204	9,63,523
21,441	12,78,407	3,335	1,55,679	2,331	22,228	27,607	14,56,314
1,592	93,099	81	5,021	46	563	1,719	98,683
23,033	13,71,506	3,416	1,60,700	2,377	22,791	29,326	15,54,997
33,175	16,70,110	2,136	1,07,649	1,459	10,785	36,770	17,88,544
658	30,498	23	860	17	35	698	31,393
33,833	17,00,608	2,159	1,08,509	1,476	10,820	37,468	18,19,937
25,180	13,51,771	2,432	1,01,682	2,169	78,478	29,781	15,31,931
33,552	17,30,830	1,598	69,146	1,931	30,461	37,131	17,30,037
4,833	2,66,763	137	7,355	232	4,163	5,202	2,75,281
8,841	4,25,180	399	14,484	360	9,350	9,600	4,48,014
14,416	7,95,777	392	20,807	2,398	36,924	17,206	8,535,08
89,863	47,40,277	430	12,031	1,269	33,828	91,562	47,86,136
24,946	13,85,102	154	9,854	578	1,02,704	25,678	14,97,660
114,309	61,25,379	584	21,885	1,847	1,36,532	117,240	62,83,796

III-E.—Statement showing the area actually irrigated by flow and lift raised thereon for

Names of systems.	Area actually irrigated.					Both seasons.
	First crop.		Second crop.		Total.	
	Flow.	Lift.	Flow.	Lift.		
(1)	(2)	(3)	(4)	(5)	(6)	(7)
	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.
(i) PRODUCTIVE WORKS—cont.						
TANJORE DISTRICT—cont.						
Cauvery delta system	781,342	17,866	71,620	2,319	873,147	12,851
TRICHINOPOLY DISTRICT.						
Cauvery delta system	40,556	2,064	19,272	1,325	63,217	1,948
Total ..	821,898	19,930	90,892	3,644	936,364	14,799
TANJORE DISTRICT.						
Cauvery-Mettur project	117,411	849	4,504	76	122,840	77
TRICHINOPOLY DISTRICT.						
Nandiyar channel system	6,058	812	2,458	341	9,669	823
South Bank canal	39,316	1,852	12,275	1,008	54,451	4,128
MADURA DISTRICT.						
Periyar system	126,493	451	39,649	138	166,731	2,149
RAMNAD DISTRICT.						
Periyar system	428	..	81	..	509	..
Total ..	126,921	451	39,730	138	167,240	2,149
TINNEVELLY DISTRICT.						
Srivaikuntam anicut system	22,151	2,059	12,246	391	36,847	1,285
Marudur anicut system	16,001	926	8,180	195	25,302	629
KURNOOL DISTRICT.						
Cumbum tank	5,414	122	4,934	238	10,708	739
Total of Productive Works ..	3,253,639	63,525	509,190	16,247	3,842,601	57,823
(ii) UNPRODUCTIVE WORKS.						
GANJAM DISTRICT.						
Rushikulya system	106,398	2,423	798	337	109,956	401
VIZAGAPATAM DISTRICT.						
Nagavalli river system	25,819	219	3,325	27	29,390	186
KISTNA DISTRICT.						
Muniyeru Anicut system	8,558	42	483	23	9,106	..
GUNTUR DISTRICT.						
Jangamaheswarapuram tank ..	395	15	..	..	400	..
Atmakur tank	374	..	20	4	398	..
Dondapad tank	222	..	16	..	238	..
Bhavanasi tank	476	..	4	..	480	442
NELLORE DISTRICT.						
Mopad project	4,240	8	327	2	4,577	2
Hajipuram tank	467	176	5	..	648	..
Ponnalur tank	690	..	72	..	762	..
Anamasamudram Biraperu tank ..	824	3	27	..	854	..
Yerur tank	1,249	..	..	..	1,249	..
CUDDAPAH DISTRICT.						
Sagileru system	4,025	161	1,886	237	6,309	270
Chepad channel	8,961	10	581	285	9,845	54
Nagavaram anicut and supply channel.	586	10	391	2	989	47

under Productive and Unproductive Works and the value of crops fasli 1345 (1935-36)—cont.

Value of crops.							
Paddy.		Ragi.		Other crops.		Total.	
Area irrigated.	Estimated value.	Area irrigated.	Estimated value.	Area irrigated.	Estimated value.	Area irrigated.	Estimated value.
(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
ACS.	RS.	ACS.	RS.	ACS.	RS.	ACS.	RS.
841,566	3,96,81,968	4,343	1,73,233	27,238	32,91,959	873,147	4,31,47,160
59,840	41,54,479	542	27,437	2,835	2,58,086	63,217	44,40,002
901,406	4,38,36,447	4,885	2,00,670	30,073	35,50,045	936,364	4,75,87,162
120,731	52,63,392	674	24,339	1,412	30,533	122,817	53,18,164
7,544	4,19,608	524	19,705	1,601	1,01,758	9,669	5,41,071
48,098	28,44,487	385	15,849	5,958	4,43,699	54,441	33,03,035
155,392	1,11,02,066	5,352	2,08,840	5,779	10,34,923	166,523	1,23,45,829
441	24,943	47	1,885	21	281	509	27,109
155,833	1,11,27,009	5,399	2,10,725	5,800	10,35,204	167,032	1,23,72,938
34,309	15,34,267	206	8,253	2,202	1,85,728	36,717	16,78,248
23,624	13,05,915	214	8,075	1,462	1,52,771	25,800	14,66,761
8,010	4,33,811	236	7,504	2,462	36,360	10,708	4,77,675
3,622,873	19,48,58,059	34,708	14,48,208	183,998	1,06,09,641	3,841,579	20,69,15,908
107,982	37,60,078	693	18,867	1,281	75,592	109,956	38,49,537
24,648	10,30,178	1,884	42,305	2,858	37,725	29,390	11,10,208
9,106	5,20,996	1	..	..	..	9,106	5,20,996
75	5,569	1	..	324	2,348	400	7,912
248	14,297	3	90	149	823	398	15,215
135	15,728	48	3,827	55	200	238	19,755
452	30,024	..	..	28	266	480	30,280
3,252	1,97,415	346	16,042	979	3,745	4,577	2,17,202
370	19,217	233	10,032	45	556	648	29,805
408	23,153	..	..	359	2,670	762	25,823
689	18,512	40	1,425	125	200	854	20,137
1,248	50,440	1	..	..	..	1,249	50,440
4,397	2,65,670	1,207	46,030	705	9,848	6,309	3,21,548
7,403	3,82,270	1,244	57,658	1,171	24,409	9,818	4,64,337
790	19,222	26	1,206	173	1,290	989	21,718

III-E.—Statement showing the area actually irrigated by flow and lift raised thereon for

Names of systems.	Area actually irrigated.					
	First crop.		Second crop.		Total.	Both seasons.
	Flow.	Lift.	Flow.	Lift.		
(1)	(2)	(3)	(4)	(5)	(6)	(7)
(II) UNPRODUCTIVE WORKS —cont.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.
KURNOOL DISTRICT.						
Markapur tank	1,275	7	964	..	2,246	..
Siddhapur tank	616	1	33	..	650	..
Venkatapuram tank	268	..	49	..	317	..
Kurnool-Cuddapah canal	31,951	77	4,648	18	36,694	454
CUDDAPAH DISTRICT.						
Kurnool-Cuddapah canal	27,931	523	4,645	83	33,182	1,812
Total	59,882	600	9,293	101	69,876	2,266
ANANTAPUR DISTRICT.						
Yellanur tank	554	..	42	..	596	..
SALEM DISTRICT.						
Barur tank	3,374	17	1,091	6	4,488	311
COIMBATORE DISTRICT.						
Kanniyampalem anicut	208	..	..	..	208	..
CHINGLEPUT DISTRICT.						
Madras water-supply and irrigation system	6,479	352	3,166	135	10,132	273
Vallur anicut system	4,219	291	134	27	4,671	101
NORTH ARCOT DISTRICT.						
Palar anicut system	51,854	1,336	26,854	439	80,483	1,515
CHINGLEPUT DISTRICT.						
Palar anicut system	19,883	722	10,023	164	30,794	61
Total	71,737	2,058	36,877	605	111,277	1,576
SOUTH ARCOT DISTRICT.						
Pelandurai anicut system	11,446	262	693	29	12,430	147
Total of Unproductive works	323,332	6,655	60,285	1,820	392,092	6,026
Grand total of Productive and Unproductive Works	3,576,971	70,180	569,475	18,067	4,234,693	63,349

NOTE—(1) The area under 'both seasons' is included under first and second crops.
 (2) The areas in columns (3) to (7) include extent under 'withered crop' but exclude 'waste charged.'
 (3) The area of withered crops (1,022 + 80) = 1,102 acres.

under Productive and Unproductive Works and the value of crops
 fasli 1345 (1935-36)—cont.

Value of crops.							
Paddy.		Ragi.		Other crops.		Total.	
Area irrigated.	Estimated value.	Area irrigated.	Estimated value.	Area irrigated.	Estimated value.	Area irrigated.	Estimated value.
(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
ACS.	RS.	ACS.	RS.	ACS.	RS.	ACS.	RS.
1,629	95,724	181	8,340	486	7,860	2,246	1,11,424
443	1,330	1	..	208	3,975	650	5,305
312	21,941	..	..	5	200	317	22,141
21,075	12,45,037	158	7,340	15,461	2,22,526	36,694	14,74,903
18,044	11,34,476	5,737	2,49,155	9,401	1,25,773	33,182	15,09,404
39,119	23,79,513	5,895	2,58,495	24,862	3,48,299	69,876	29,84,307
235	5,000	..	..	360	3,500	595	8,500
3,304	1,87,165	353	16,246	831	49,470	4,488	2,52,881
207	9,911	..	..	1	10	208	9,921
9,271	3,95,338	274	6,476	587	19,927	10,132	4,21,741
4,145	84,370	130	4,539	396	3,280	4,671	92,189
70,153	34,04,257	6,244	2,80,593	4,034	37,413	80,431	37,22,263
28,470	12,61,852	1,567	53,124	757	3,549	30,794	13,18,525
98,623	46,66,109	7,811	3,33,717	4,791	40,962	111,225	50,40,788
11,448	5,92,562	227	11,042	755	21,302	12,430	6,24,906
329,981	1,47,91,732	20,599	8,29,337	41,482	6,57,947	392,012	1,62,79,016
3,952,804	20,96,49,791	55,807	22,77,545	225,480	1,12,67,588	4,233,591	22,31,94,924

Prepared by the Board of Revenue, Proceedings No. 144, Press, dated 4th November 1936.

IV-E.—Comparative statement of irrigation and rainfall in the

Civil districts.	Of the civil districts.			Works supplying irrigation.	Culturable area commanded by the irrigation works in column (6).	Area at present estimated as annually irrigable by the works specified in column (7).
	Total area.	Culturable area.	Cultivated area.			
	(2)	(3)	(4)	(5)	(6)	(7)
(1)	ACS.	ACS.	ACS.		ACS.	ACS.
Ganjam ..	3,502,217	1,750,092	977,479	1 Ganjam minor rivers system.	70,000	66,800
				2 Rushikulya system ..	142,000	117,000
				3 Minor works ..	128,775	128,775
				Total ..	340,775	312,575
Vizagapatam.	5,501,127	2,778,764	2,124,172	1 Nagavalli river system.	31,200	27,500
				2 Minor works ..	93,437	93,437
				Total ..	124,637	120,937
East Godavari.	3,980,698	1,880,289	1,364,617	1 Godavari delta system.	396,253	377,000
				2 Polavaram Island system.	18,648	17,500
				3 Minor works ..	94,862	94,862
				Total ..	509,763	489,362
West Godavari.	1,510,972	1,307,567	988,189	1 Godavari delta system.	565,000	414,500
				2 Kistna delta system.	43,129	43,129
				3 Minor works ..	608,129	457,629
				Total ..	543,000	445,300
Kistna ..	2,269,786	1,614,656	1,192,943	1 Kistna delta system.	80,000	42,000
				2 Godavari delta system.	13,024	10,000
				3 Divi pumping system.	20,903	20,903
				4 Muniyeru anicut system.	656,927	518,203
				5 Minor works ..	357,000	330,000
				Total ..	2,448	841
				2 Bhavanasi tank ..	2,880	250
				3 Dondapad tank ..	1,160	460
				4 Atmakur tank ..	960	290
				5 Jangamaheswarapuram tank.	26,534	26,534
				6 Minor works ..	390,982	358,375
				Total ..	319,869	103,743
Kurnool * ..	4,860,655	2,904,241	2,127,790	1 Kurnool-Cuddapah canal.	1,700	340
				2 Venkatapuram tank.	6,000	5,980
				3 Cumbum tank ..	1,701	1,583
				4 Markapur tank ..	4,250	3,730
				5 Siddhapur tank ..	47,146	47,146
				6 Minor works ..	380,666	162,522
				Total ..	55,406	55,406
Bellary * ..	3,577,061	2,999,395	2,437,370	1 Yellanur tank ..	1,641	925
				2 Minor works ..	153,233	153,233
				Total ..	154,874	154,158
Anantapur ..	4,307,053	3,534,992	1,910,444	1 Kurnool-Cuddapah canal including Chepad reservoir.	37,700	19,676
				2 Sagileru system ..	26,576	4,500
				3 Nazavaram anicut and supply channel.	894	894
				4 Minor works ..	102,629	102,629
				Total ..	167,799	127,699
Cuddapah ..	3,724,695	2,073,352	1,146,123	1 Kurnool-Cuddapah canal including Chepad reservoir.	37,700	19,676
				2 Sagileru system ..	26,576	4,500
				3 Nazavaram anicut and supply channel.	894	894
				4 Minor works ..	102,629	102,629
				Total ..	167,799	127,699

* Excluding Feudatory States.

Madras Presidency for the revenue year ending 30th June 1936.

Area irrigated.						Rainfall	
Revenue year ending 30th June 1935.			Revenue year ending 30th June 1936.			1934-35.	1935-36.
Kharif I crop.	Rabi II crop.	Total.	Kharif I crop.	Rabi II crop.	Total.	1934-35.	1935-36.
(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	INCHES.	INCHES.
64,452	3,976	68,428	64,001	4,494	68,495	37-86	35-09
109,425	986	110,411	108,821	1,135	109,956		
127,402	7,204	134,606	111,396	3,589	114,985		
301,279	12,166	313,445	284,218	9,218	293,436	35-46	33-37
26,103	5,675	31,778	26,038	3,352	29,390		
90,109	11,534	101,643	92,680	8,818	101,498		
116,212	17,209	133,421	118,718	12,170	130,888	35-92	40-15
302,391	105,628	408,019	359,455	97,890	457,345		
11,061	8,596	19,657	11,389	10,003	21,392		
91,859	4,368	96,227	87,086	1,764	88,850	31-01	40-28
465,811	118,592	584,403	457,930	109,657	567,587		
415,243	141,953	557,196	415,364	149,684	565,048		
36,705	76	36,781	38,468	620	39,088	30-81	35-35
41,780	1,021	42,801	41,911	822	42,733		
493,728	143,050	636,778	485,743	151,126	636,869		
423,143	771	423,914	430,350	1,264	431,614	29-19	28-30
994	123	1,117	992	122	1,084		
40,422	2	40,424	40,452	1	40,453		
8,937	801	9,238	8,600	506	9,106	20-80	28-45
20,420	54	20,474	20,245	180	20,425		
493,916	1,251	495,167	500,609	2,073	502,682		
332,883	794	333,677	334,824	1,421	336,245	15-85	28-89
450	56	506	476	4	480		
144	34	178	222	16	238		
395	1	396	374	24	398	12-14	24-48
410	..	410	400	..	400		
20,588	981	21,569	19,585	1,144	20,729		
354,870	1,866	356,736	355,881	2,609	358,490	20-90	30-13
40,957	6,128	47,085	32,028	4,666	36,694		
362	4	366	268	49	317		
5,450	4,127	9,577	5,536	5,172	10,708	15-85	28-89
1,365	298	1,663	1,282	964	2,246		
726	10	736	617	33	650		
40,212	3,705	43,917	43,023	6,392	49,415	12-14	24-48
89,072	14,272	103,344	82,754	17,276	100,030		
42,746	8,789	51,485	45,582	9,559	55,141		
516	554	1,070	554	42	596	20-90	30-13
92,109	12,143	104,252	134,855	48,632	183,487		
92,625	12,143	104,768	135,409	48,674	184,083		
39,034	7,289	46,323	37,425	5,602	43,027	15-85	28-89
3,992	1,788	5,780	4,186	2,123	6,309		
569	427	996	596	393	989		
83,551	15,133	98,684	97,212	23,717	120,929	20-90	30-13
127,146	24,637	151,783	139,419	36,335	176,254		

Prepared by the Board of Revenue Proceedings No. 144, Press, dated 9th November 1936.

IV-E.—Comparative statement of irrigation and rainfall in the

Civil districts.	Of the civil districts.			Works supplying irrigation.	Culturable area commanded by the irrigation works in column (5).	Area at present estimated as annually irrigable by the works specified in column (5).
	Total area.	Culturable area.	Cultivated area.			
	ACS.	ACS.	ACS.		ACS.	ACS.
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Nellore ..	6,087,200	3,019,155	1,538,145	1 Pennar river canals system. 2 Mopad reservoir .. 3 Ponnalur tank .. 4 Anamasamudram Braperu tank. 5 Yerur tank .. 6 Hajipuram tank .. 7 Minor works ..	190,000 13,890 1,973 1,000 3,176 2,900 136,956	162,500 12,500 1,000 1,000 1,470 70 136,956
				Total ..	349,895	316,126
Chingleput ..	1,965,897	1,121,140	963,968	1 Palar anicut system .. 2 Chembrambakkam tank. 3 Vallur anicut system. 4 Cheyyar anicut system. 5 Madras water-supply and irrigation system. 6 Minor works ..	24,102 24,478 6,794 540 10,165 358,578	24,102 18,000 5,216 494 9,852 358,578
				Total ..	424,657	416,242
South Arcot	2,693,024	1,897,324	1,531,284	1 Lower Coleroon anicut system. 2 Shattatope anicut system. 3 Vriddhachalam anicut system. 4 Mehamattur anicut system. 5 Tirukkoyilur anicut system. 6 Pelandoral anicut system. 7 Willingdon reservoir. 8 Minor works ..	86,000 43,965 16,359 10,651 45,977 16,677 28,800 300,198	84,244 32,000 8,829 5,000 28,000 12,837 25,000 300,198
				Total ..	548,627	496,108
North Arcot.	2,982,386	1,723,743	1,440,703	1 Palar anicut system .. 2 Cheyyar anicut system. 3 Poiney anicut system. 4 Minor works ..	80,930 28,921 23,824 231,047	54,566 22,193 22,462 231,047
				Total ..	365,322	330,868
Chittoor ..	3,778,865	1,668,295	903,358	1 Poiney anicut system. 2 Minor works ..	113,903 113,903	113,903 113,903
				Total ..	113,903	113,903
Salem ..	4,517,107	2,709,921	1,822,792	1 Barur tank .. 2 Minor works ..	6,887 105,998	3,750 105,998
				Total ..	112,885	109,748
Coimbatore.	4,527,288	2,768,731	2,170,727	1 Tadepalle channel .. 2 Arakkankottai channel. 3 Kalingarayan channel. 4 Kanniyampalayam anicut. 5 Minor works ..	16,000 6,000 15,000 1,600 69,310	15,400 4,845 12,239 213 69,310
				Total ..	107,910	102,007

Madras Presidency for the revenue year ending 30th June 1936—cont.

Area irrigated.						Rainfall.	
Revenue year ending 30th June 1935.			Revenue year ending 30th June 1936.			1934-35.	1935-36.
Kharif I crop.	Rabi II crop.	Total.	Kharif I crop.	Rabi II crop.	Total.	1934-35.	1935-36.
(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	INCHES.	INCHES.
155,194	8,009	163,203	159,084	9,773	168,857	28.99	30.98
3,994	462	4,456	4,248	329	4,577		
522	6	528	690	72	762		
947	..	947	827	27	854		
242	..	242	1,249	..	1,249		
608	224	832	643	5	648	40.81	44.25
122,799	6,965	129,764	118,326	7,181	125,507		
284,806	15,666	299,972	285,067	17,387	302,454		
20,109	5,264	25,373	20,605	10,189	30,794		
12,557	2,529	15,086	12,932	6,276	19,208		
4,516	177	4,693	4,510	161	4,671	43.05	44.62
400	136	536	416	282	698		
6,796	3,524	10,320	6,831	3,301	10,132		
324,794	87,548	412,342	324,435	92,610	417,045		
369,172	99,178	468,350	369,729	112,819	482,548		
85,030	7,602	92,632	83,774	7,788	91,562	35.91	43.84
31,985	9,842	41,827	30,158	6,973	37,131		
8,419	838	9,257	8,943	657	9,600		
4,890	501	5,391	4,799	404	5,203		
26,409	4,261	30,670	26,674	3,109	29,783		
12,285	666	12,951	11,708	722	12,430	29.54	35.76
16,222	3,175	19,397	15,392	1,814	17,206		
272,582	71,576	344,158	273,723	81,057	354,810		
457,772	98,461	556,233	455,171	102,554	557,725		
49,423	14,345	63,768	53,190	27,293	80,483		
19,542	10,521	30,063	20,342	16,430	36,772	28.57	30.53
18,597	5,010	23,607	20,188	7,489	27,677		
197,279	62,534	259,813	208,724	105,905	314,629		
284,841	92,410	377,251	302,444	157,117	459,561		
1,371	156	1,527	1,422	297	1,719		
73,788	18,064	91,852	98,116	84,501	182,617	22.24	26.18
75,159	18,220	93,379	99,538	34,798	134,336		
3,261	1,270	4,531	3,391	1,097	4,488		
94,238	88,387	182,625	90,566	36,707	127,273		
97,499	39,657	137,156	98,957	37,804	136,761		
15,053	1,766	16,819	15,362	3,481	18,793	98.398	33.168
4,754	519	5,273	4,760	469	5,229		
12,283	10,001	22,284	12,307	10,998	23,305		
208	..	208	..	..	..		
66,100	20,882	86,982	64,130	18,629	82,759		
98,398	33,168	131,566	96,767	33,522	130,289		

IV-E.—Comparative statement of irrigation and rainfall in the

Civil districts.	Of the civil districts.			Works supplying irrigation.	Culturable area commanded by the irrigation works in column (5).	Area at present estimated as annually irrigable by the works specified in column (5).
	Total area.	Culturable area.	Cultivated area.			
	(2)	(3)	(4)	(5)	(6)	(7)
(1)	ACS.	ACS.	ACS.		ACS.	ACS.
Trichinopoly.	2,825,870	2,231,320	1,513,066	1 Cauvery delta system. 2 Nandiyar channel .. 3 South bank canal .. 4 Minor works ..	44,667 9,480 40,000 120,308	44,008 7,084 36,623 120,308
				Total ..	214,455	208,023
Tanjore ..	2,396,893	1,712,547	1,470,117	1 Cauvery delta system. 2 Lower Coleroon anicut system. 3 Cauvery-Mettur Project. 4 Minor works ..	864,367 31,233 528,487 65,961	856,918 23,685 177,000 65,961
				Total ..	1,490,048	1,123,564
Madura ..	3,078,021	2,196,343	1,341,748	1 Periyar system .. 2 Minor works ..	Not known. 131,046	143,000 131,046
				Total ..	131,046	274,046
Ramnad ..	3,140,368	2,223,836	1,354,166	1 Periyar system .. 2 Minor works ..	.. 38,362	.. 38,362
				Total ..	38,362	38,362
Tinnevely ..	2,788,727	2,108,891	1,340,630	1 Srivaikuntam anicut system. 2 Marudur anicut system. 3 Minor works ..	33,500 17,920 187,167	25,685 17,920 187,167
				Total ..	238,587	230,772
				Total of productive and unproductive works.	4,900,167	3,891,147
				Total of minor works.	2,625,488	2,625,488
Grand total.	76,699,734	48,942,074	34,014,646		7,525,655	6,516,635

Madras Presidency for the revenue year ending 30th June 1936—cont.

Area irrigated.						Rainfall.	
Revenue year ending 30th June 1935.			Revenue year ending 30th June 1936.			1934-35.	1935-36.
Kharif I crop.	Rabi II crop.	Total.	Kharif I crop.	Rabi II crop.	Total.	1934-35.	1935-36.
(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	INCHES.	INCHES.
42,679	20,047	62,726	42,620	20,597	63,217	25.98	36.55
6,841	2,625	9,466	6,870	2,799	9,669		
35,995	9,158	45,153	41,168	13,283	54,451		
108,248	42,695	150,943	106,710	47,324	154,034		
193,763	74,525	268,288	197,368	84,003	281,371		
797,832	73,363	871,195	799,208	73,939	873,147	32.02	49.25
23,046	2,165	25,211	23,175	2,503	25,678		
99,191	3,694	102,885	118,260	4,580	122,840		
38,348	935	39,283	40,056	6,794	46,850		
958,417	80,157	1,038,574	980,699	87,816	1,068,515		
128,587	42,224	170,811	126,944	39,787	166,731	24.40	38.91
105,744	32,701	138,445	106,920	31,318	138,238		
234,331	74,925	309,256	233,864	71,105	304,969		
51	..	51	428	81	509		
31,323	10,773	42,101	31,206	13,228	44,434	25.28	30.09
31,379	10,773	42,152	31,634	13,309	44,943		
24,095	13,381	37,476	24,210	12,637	36,847	21.57	28.35
16,992	12,959	29,951	16,927	8,375	25,302		
151,768	81,523	233,291	165,481	85,913	251,394		
192,855	107,863	300,718	206,618	106,925	313,543		
3,617,005	559,463	4,176,468	3,647,151	587,542	4,234,693	28.54	34.49
2,237,792	539,465	2,777,257	2,311,968	670,814	2,982,782		
5,854,797	1,098,928	6,953,725	5,959,119	1,258,356	7,217,475		

Prepared by the Board of Revenue Proceedings No. 144, Press, dated 9th November 1936.

F.I.—Statement showing the water-rates per acre which were in force under Productive and Unproductive Works in the Madras Presidency during the year ending 30th June 1936.

Description of crop.	Godavari and Krishna		Divi pumping system.		Munjeru project.		Pariyar system.*		Bhavani and Siddapur.		Venkatapuram tank.		Mopad.		Willingdon reservoir.		Kaniyampalayam anti-cut.†		Panjapatti reservoir.‡		Other systems (in tracts where the differential water-rate system does not prevail).§
	ES.	A. P.	ES.	A. P.	ES.	A. P.	ES.	A. P.	ES.	A. P.	ES.	A. P.	ES.	A. P.	ES.	A. P.	ES.	A. P.	ES.	A. P.	
1. Single wet crop	6	4	0	0	6	0	0	0	9	6	0	4	3	0	7	13	0	6	4	0	
2. Second wet crop (if compounded for two crops for a term of not less than five years).	3	2	0	0	3	0	0	0	4	11	0	2	1	0	3	15	0	3	2	0	
3. Second dry crop on irrigated land except where the landholder has compounded under clause 3.	10	3	0	0	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
4. Second dry crop on irrigated land and other garden produce remaining on the ground for the time of two crops.	3	2	0	0	3	0	0	0	..	..	..	..	..	..	..	..	..	..	..	..	
5. For sugarcane, betel and other garden produce remaining on the ground for the time of two crops, if compounded for a term of not less than five years.	9	6	0	0	9	0	0	8	0	14	1	0	6	4	0	11	12	0	9	6	0
6. For sugarcane, betel and other garden produce remaining on the ground for the time of two crops, if compounded for a term of not less than five years.	10	3	0	0	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
7. For a dry crop, whether first or second, grown on land for which irrigation has never been supplied or having been once supplied has been since discontinued.	3	2	0	0	3	0	0	..	..	4	11	0	2	1	0	3	15	0	..	..	
8. For a third irrigated crop (wet).	2	8	0	0	3	2	0	0	2	0	0	..	..	..	..	..	..	..	..	..	
9. Do. (dry).	1	4	0	0	3	2	0	0	1	0	0	..	..	..	..	..	..	..	..	..	
10. Dry crop systematically irrigated.	6	4	0	0	6	0	0	4	11	0	..	..	..	..	..	..	..	..	..	..	
11. The charge for a single wet crop when the Collector considers the supply of water to be precarious.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
12. Second wet crop in the case of zamindari and inam lands.	6	4	0	0	6	0	0	3	2	0	..	..	..	..	..	..	..	..	..	..	

13. Second wet crop in the case of zamindari and inam lands where the cultivator has compounded for two crops for a term of not less than five years.

14. For sugarcane, betel and other garden produce remaining on the ground for the time of two crops.

15. For sugarcane, betel and other garden produce in zamindari and inam lands remaining on the ground for the time of two crops.

16. For sugarcane, betel and other garden produce in zamindari and inam lands remaining on the ground for the time of two crops, if the cultivator has compounded for a term of not less than five years.

17 to 20. Nil.

21. For a first dry crop systematically irrigated.

22. For a second dry crop systematically irrigated.

23. For a first dry crop systematically irrigated.

24. Special crops like onions, sweet potatoes, chillies, muscoo (the same as for a dry crop systematically irrigated).

25. Mango totes, coconut totes and other tote plantations.

(a) If they take water for a term of two wet crops.

(b) In other cases

NOTA.—When the water used for irrigation cannot be obtained without raising it by baling or by some mechanical contrivance, a deduction of one-fourth of the water-rate will be made.

* Double the rates are levied when Pariyar water is supplied to Government and minor inam dry lands in the Cumbum valley, Periyakulam taluk, to which extension of irrigation has been sanctioned.

† No charge for water for twenty years under G.O. No. 128 I, dated 17th March 1918.

‡ Standard scale of water-cess has been ordered to be adopted until further orders—vide G.O. Ms. No. 1277, Revenue, dated 29th June 1934.

§ Other systems (in tracts where the differential water-rate system does not prevail).

First crop on dry land.	Second crop on dry land.		Total charge.
	First crop.	Second crop.	
1. Wet	4	2	6
2. Do.	4	1	5
3. Do.	4	1	5
4. Dry, systematically irrigated	3	2	5
5. Do.	3	2	5
6. Do.	3	2	5
7. Dry, occasionally irrigated	3	1	4
8. Do.	2	2	4
9. Do.	2	2	4

[N.B.—The rates fixed in the Tanjore District Canvey Water-cess Rules are not incorporated in this statement.]

Prepared by the Board of Revenue, B.P. No. 131, Press, dated 30th September 1936.

APPENDIX II.
I.—Statement showing the financial results of Irrigation under Productive and Unproductive Works
for fasli 1345 (1935-36).

Systems.	Area charged as irrigated and area irrigated free of charge.					Direct receipts.			
	First crop.		Second crop.			Total land and irrigation revenue.	Share due to irrigation.	Deduct remissions and deductions.	
	Old irrigation.	New irrigation.	Total.	Old irrigation.	New irrigation.				
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	RS.	RS.	RS.
A. IRRIGATION WORKS.									
(i) PRODUCTIVE WORKS.									
1 Ganjam minor rivers system.	51,280	13,871	65,151	..	4,494	4,494	2,97,098	1,52,374	2,208
2 Godavari delta system ..	156,150	848,321	802,471	..	247,855	247,855	64,01,717	50,31,117	74,953
3 Kistna delta system ..	70,710	718,797	819,507	..	3,306	3,306	56,01,418	49,97,774	15,423
4 Divi pumping system ..	9,900	30,745	40,645	..	1	1	2,36,076	2,36,076	9,363
5 Pennar river canals system.	99,080	65,636	164,716	1,050	8,761	9,811	9,90,042	8,43,052	2,846
6 Arakkankottai channel ..	2,730	2,043	4,773	10	3,289	3,299	1,87,431	1,83,077	90
7 Tadepalle channel ..	9,990	5,455	15,445	170	3,261	3,431	1,87,431	1,83,077	90
8 Kalingarayan channel ..	8,300	4,124	12,424	8,350	2,193	10,543	1,87,431	1,83,077	90
9 Chembambakkam tank ..	11,370	1,993	13,363	1,160	2,986	4,146	1,87,431	1,83,077	90
10 Polney anicut system ..	15,550	7,590	23,140	2,500	15,089	17,589	1,50,394	1,15,302	458
11 Cheyyar anicut system ..	14,960	7,232	22,192	1,630	13,092	14,722	1,84,437	1,19,548	371
12 Tirukkoyilur anicut system ..	16,080	11,607	27,687	30	2,092	8,122	1,85,258	1,37,459	64
13 Shadiatope anicut system ..	7,160	25,368	32,528	..	6,973	6,973	2,18,247	1,62,703	25
14 Michamattur anicut system ..	990	3,898	4,888	..	404	404	36,647	26,302	..
15 Vriddhachalam anicut system.	2,430	7,115	9,545	..	657	657	63,852	44,284	..
16 Willington reservoir ..	2,590	12,866	15,456	260	1,554	1,814	1,11,789	1,03,135	2,176
17 Lower Coleroon anicut system.	44,760	65,014	109,774	170	10,121	10,291	8,53,481	5,80,411	38,436
18 Cauvery delta system ..	743,767	128,568	872,335	38,628	61,470	95,393	68,50,364	48,47,705	3,671
19 Nandiyar channel system ..	4,680	2,396	7,076	16,170	2,770	22,790	43,352	32,675	8,471
20 Periyar system ..	65,600	65,458	131,058	16,500	6,952	23,452	10,61,564	9,88,336	815
21 Sriyaikuntur anicut system.	14,580	11,295	25,875	8,850	7,785	12,802	2,63,878	2,21,887	1,043
22 Marudur anicut system ..	17,020	374	17,394	2,670	2,092	5,172	2,40,722	2,07,443	320
23 Cumbum tank ..	4,850	769	5,619	8,250	5,042	13,292	45,043	40,168	1,723
24 South Bank canal ..	27,860	14,252	42,112	..	10,103	10,003	4,42,808	3,55,120	28
25 Polavaram Island system ..	68,787	11,389	80,176	1,708	2,880	4,588	1,24,869	1,24,869	16,366
26 Cauvery-Mettur Project ..		52,235	121,022				13,34,597	12,81,512	
Total of Productive Works ..	1,471,154	1,946,461	3,417,615	85,991	440,705	526,696	2,55,50,028	2,05,03,077	1,70,192

Prepared by the Board of Revenue, B. P. No. 131, Press, dated 30th September 1936.

Systems.	Area charged as irrigated and area irrigated free of charge.					Direct receipts.			
	First crop.		Second crop.			Total land and irrigation revenue.	Share due to irrigation.	Deduct remissions and deductions.	
	Old irrigation.	New irrigation.	Total.	Old irrigation.	New irrigation.				
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	RS.	RS.	RS.
(ii) UNPRODUCTIVE WORKS.									
27 Renukulla system ..	58,100	52,100	110,200	..	1,135	1,135	3,33,543	2,61,677	1,506
28 Nagavalli river system ..	10,600	18,385	28,985	..	1,783	3,417	1,41,440	1,14,235	4,712
29 Miyem anicut system ..	180	284	464	..	506	506	62,289	50,232	987
30 Tanamuchampapuram tank.	..	460	460	..	24	24	2,153	1,422	560
31 Arakur tank ..	..	478	478	..	4	4	2,405	1,958	..
32 Bhavanad tank ..	..	222	222	..	16	16	4,475	4,475	..
33 Mondad reservoir ..	..	4,265	4,265	..	329	329	31,148	30,975	280
34 Heliapur tank ..	..	678	678	..	5	5	3,404	2,814	1,229
35 Ponnalur tank ..	..	737	737	..	72	72	6,958	5,696	1,133
36 Anamasanandram-Bhaperu tank ..	900	95	995	..	53	53	4,513	4,003	2,390
37 Yerru tank ..	80	1,253	1,333	..	2	2	5,025	3,840	..
38 Sullerri system ..	3,980	360	4,340	700	1,123	2,123	28,707	26,331	286
39 Madapur tank ..	460	887	1,347	..	914	964	8,907	8,337	..
40 Yellapur tank ..	..	693	693	..	42	42	3,507	3,009	600
41 Yellapur tank ..	..	617	617	..	33	33	4,958	4,958	381
42 Siddapur tank ..	..	166	166	..	158	393	4,620	3,976	348
43 Nagavaram anicut and supply channel ..	452	219	671	235	1	49	1,444	1,397	..
44 Venkatapuram tank ..	53	54,757	61,400	..	9,425	9,425	3,17,857	2,87,651	8,919
45 Kurool-Cuddapah canal ..	6,643	7,624	14,267	..	818	874	47,053	43,945	88
46 Chepad channel ..	1,408	2,325	3,733	..	667	1,097	26,318	21,922	28
47 Barru tank ..	1,330	2,325	3,655	..	430	3,301	37,510	29,163	467
48 Madras water-supply and irrigation system ..	5,630	1,809	7,439	780	2,521	3,301	..	..	..
49 Kanniyampalayam anicut.*	..	208	208	..	..	..	..	..	..
50 Vallur anicut system ..	4,030	1,015	5,045	10	152	162	11,448	7,397	220
51 Palar anicut system ..	53,890	26,921	80,811	16,070	21,452	37,522	4,77,279	3,67,850	2,569
52 Polandoral anicut system ..	2,120	10,440	12,560	100	622	722	79,512	56,722	..
Total of Unproductive Works.	150,334	193,231	343,615	23,721	38,521	62,242	16,97,600	13,46,382	26,663
Grand total of Productive and Unproductive Works ..	1,621,488	2,139,742	3,761,230	109,712	479,226	588,938	2,72,47,628	2,18,49,959	1,96,855

* No charge for water for twenty years—vide G.O. No. 128 I., dated 17th March 1916.

APPENDIX II

Statement showing the financial results of Irrigation under Productive and Unproductive Works
for fasli 1345 (1935-36)—*cont.*

Systems.	Direct receipts— <i>cont.</i>			Indirect receipts.			Total of columns (13) and (17).
	Net revenue due to irrigation.	Deduct portion due to old irrigation.	Increase of revenue due to the outlay incurred.	Land assessment of waste lands brought under irrigation.	Land revenue of miscellaneous items.	Interest on sale-proceeds of tank-bed and other waste lands.	
	(11)	(12)	(13)	(14)	(15)	(16)	(18)
	RS.	RS.	RS.	RS.	RS.	RS.	RS.
A. IRRIGATION WORKS—<i>cont.</i>							
(1) PRODUCTIVE WORKS—<i>cont.</i>							
1 Ganjam minor rivers system.	1,50,168	95,000	55,168	7,065	738	71	63,042
2 Godavari delta system.	49,56,164	1,24,000	48,32,164	1,83,823	8,161	37,682	50,61,830
3 Kistna delta system.	44,79,351	71,000	44,08,351	1,00,630	16,703	71,449	46,97,133
4 Divi pumping system.	2,31,713	20,300	2,10,413	13,253	4,086	69,866	2,97,618
5 Pennar river canals system.	8,41,308	2,56,000	5,85,308	45,902	3,711	22,332	6,57,253
6 Arakkankottal channel.	38,077	19,000	19,077	372	56	428	19,505
7 Tadepalle channel.	1,45,246	76,000	69,246	2,890	39	2,929	72,175
8 Kalingarayan channel.	1,29,083	85,000	44,083	419	64	483	44,566
9 Chembrambakkam tank.	64,834	16,000	48,834	898	59	957	49,791
10 Poiney anicut system.	1,14,844	38,000	76,844	5,296	131	54	82,619
11 Cheyyar anicut system.	1,19,217	39,000	80,217	8,196	104	1,485	84,932
12 Tirukkoyilur anicut system.	1,37,395	60,000	77,395	3,293	76	3,369	80,764
13 Shaktape anicut system.	1,62,678	20,000	1,42,678	16,713	318	17,031	1,60,704
14 Mehamatur anicut system.	26,302	4,000	22,302	94	23	196	1,59,108
15 Vriddhachalam anicut system.	44,279	8,500	35,779	302	17	389	36,118
16 Willington reservoir.	1,08,135	10,590	97,545	448	..	448	47,750
17 Lower Coleroon anicut system.	5,78,235	1,55,000	4,23,235	51,197	318	..	4,74,430
18 Cauvery delta system.	48,09,269	33,90,382	14,18,887	1,13,060	10,571	412	15,42,930
19 Nandivar channel system.	3,2,204	17,000	1,204	59	18	243	1,5,447
20 Periyar system.	9,54,709	2,04,000	7,50,709	15,387	4,940	94,826	8,45,535
21 Srivakuntam anicut system.	2,21,052	79,000	1,42,052	1,423	67	1,490	1,43,542
22 Marudur anicut system.	2,06,400	1,15,000	91,400	237	42	279	91,679
23 Cumbum tank.	39,838	30,000	9,838	443	18	461	10,390
24 South Bank canal.	3,53,397	2,54,000	99,397	21	..	100	99,518
25 Polavarum Island Project.	1,24,841	..	1,24,841	..	..	..	1,24,841
26 Cauvery-Mettur Project.	12,65,146	98,000	11,67,146	..	..	..	11,67,146
Total of Productive Works.	2,03,92,885	52,84,772	1,50,48,113	5,86,411	50,260	2,78,165	1,59,42,949
						8,94,836	

APPENDIX II

(1) UNPRODUCTIVE WORKS—<i>cont.</i>							
27 Rushikulya system.	2,60,171	67,000	1,93,171	3,787	236	2,221	1,99,415
28 Nagavalli river system.	1,09,523	37,400	72,123	4,528	1,092	15,843	98,586
29 Munivaru anicut system.	49,245	2,500	46,745	2	58	..	46,805
30 Jangmaheswarapuram tank.	862	500	362	..	..	..	362
31 Atmakur tank.	1,938	..	1,938	..	..	..	1,938
32 Bhavanasi tank.	4,475	..	4,475	..	..	..	4,475
33 Dondapad tank.	857	..	857	..	..	..	857
34 Mopad reservoir.	30,745	433	30,312	657	..	4,509	35,478
35 Halipuram tank.	1,585	..	1,585	38	15	5	1,655
36 Ponnalur tank.	4,563	..	4,563	..	..	..	4,563
37 Anamasamudram-Biraperu tank.	1,613	..	1,613	..	..	..	1,613
38 Yerur tank.	3,340	3,600	..	..	1	..	..
39 Saglorn system.	26,035	425	25,610	22	64	86	26,496
40 Markapur tank.	8,337	17,800	8,235	22	4	26	8,261
41 Yellanur tank.	2,409	2,180	620	..	1	..	620
42 Siddhapur tank.	4,577	..	4,577	613	..	491	3,513
43 Nagavaram anicut and supply channel.	3,628	2,256	1,372	..	..	..	4,577
44 Venkatapuram tank.	1,397	164	1,233	146	..	..	1,518
45 Kurunool-Cuddapah canal.	2,78,732	28,285	2,50,447	33	..	5	1,271
46 Chepad channel.	43,897	7,587	36,310	1,062	926	359	2,52,794
47 Barur tank.	21,894	4,500	17,394	158	26	23	36,864
48 Madras water-supply and irrigation system.	23,696	11,000	12,696	441	..	600	18,152
49 Kanulampalayam anicut.	..	..	..	..	21	..	18,156
50 Vallur anicut system.	7,177	5,000	2,177	..	..	..	..
51 Palar anicut system.	3,65,281	1,25,000	2,40,281	1,067	320	1,074	3,251
52 Pelandoral anicut system.	58,722	3,000	55,722	15,320	21	16,851	2,57,132
Total of Unproductive Works.	13,20,219	3,15,580	10,01,639	28,666	2,794	25,087	55,808
Grand total of Productive and Unproductive Works.	2,16,58,104	56,03,352	1,60,49,752	5,95,077	53,054	3,03,252	1,70,01,185

Prepared by the Board of Revenue, B.P. No. 131, Press, dated 30th September 1936.

APPENDIX III.

Statement showing the extent irrigated and the revenue derived under “Minor works” for fasli 1345 (1935-36).

Districts.	Area irrigated and charged and area irrigated free of charge.				Total land irrigated and revenue.	Share due to irrigation.	Deduct remissions and deductions.	Net revenue due to irrigation.
	First crop.		Second crop.					
	(1)	(2)	(3)	(4)				
		ACS.	ACS.	RS.	RS.	(5)	(6)	(7)
								RS.
		(Works in charge of the Revenue Department.)						
Ganjam ..	..	70,172	2,854	1,68,170	97,325		8,332	88,993
Vizagapatam ..	..	52,394	3,101	1,89,236	1,31,574		21,353	1,10,221
East Godavari ..	..	61,944	1,287	2,35,471	1,79,860		11,080	1,68,780
West Godavari ..	..	17,509	428	65,226	54,519		13,489	41,030
Kistna ..	..	10,922	90	55,252	48,654		7,542	41,112
Guntur ..	..	19,594	1,031	1,17,739	87,219		23,949	63,270
Nellore ..	..	55,036	3,162	2,78,716	2,30,133		65,346	1,64,787
Cuddapah ..	..	64,564	17,468	2,91,573	2,48,144		39,759	2,08,685
Anantapur ..	..	99,790	30,938	4,31,607	3,76,196		74,904	3,01,292
Bellary ..	..	19,386	4,217	81,289	71,550		17,833	53,717
Kurnool ..	..	27,183	3,241	1,05,038	88,985		16,026	72,959
Chittoor ..	..	97,908	31,339	5,29,405	4,29,789		75,684	3,54,105
Chingleput ..	..	165,110	32,555	6,11,061	4,32,795		13,138	4,19,657
North Arcot ..	..	154,818	68,412	9,81,645	7,17,063		18,995	6,98,068
South Arcot ..	..	160,251	44,042	9,35,185	6,81,594		2,327	6,79,267
Tanjore ..	..	35,625	3,865	83,593	63,538		1,332	62,206
Trichinopoly ..	..	65,371	17,843	2,88,332	2,19,133		4,134	2,14,999
Madura ..	..	75,769	17,639	3,91,878	3,19,647		51,920	2,67,727
Ramanad ..	..	16,947	7,150	1,14,434	96,460		16,358	80,102
Tinnevely ..	..	84,553	34,185	4,76,565	4,05,157		54,750	3,50,407
Coimbatore ..	..	20,401	5,995	1,25,760	1,04,777		3,138	1,01,639
Salem ..	..	74,590	25,146	4,75,875	3,26,219		77,312	2,48,907
Total of minor works—Revenue Department.		1,439,837	356,388	70,33,050	54,10,631		6,18,701	47,91,930

**Total of mine
Department.**

(Works in charge of the Public Works Department.)

Ganjam	..	..	45,057	740	1,34,313	75,735	4,990	70,745
Vizagapatam	..	..	52,867	5,747	2,80,403	1,89,026	61,187	1,27,839
East Godavari	..	..	32,071	4,78	1,51,479	1,13,297	3,347	1,09,950
West Godavari	..	..	19,152	397	94,573	81,326	11,669	69,657
Kistna	..	..	10,182	91	62,343	53,743	9,315	44,428
Guntur	..	..	4,485	113	24,023	18,806	1,491	17,315
Nellore	..	..	71,705	4,038	4,19,219	3,44,996	80,197	2,64,799
Cuddapah	..	..	37,691	11,524	2,03,027	1,73,345	15,577	1,57,768
Anantapur	..	..	51,808	17,697	2,87,848	2,50,332	50,533	1,99,399
Bellary	..	..	32,619	6,719	2,49,056	2,20,006	41,237	1,78,769
Kurnool	..	..	18,540	3,166	88,669	75,215	4,782	70,433
Chittoor	..	..	11,728	2,662	70,255	56,416	18,246	38,170
Chingleput	..	..	189,488	60,262	8,35,421	6,01,461	11,707	5,89,754
North Arcot	..	..	70,613	37,520	4,76,759	3,52,946	4,473	3,48,473
South Arcot	..	..	133,714	37,094	8,82,946	6,37,818	2,583	6,35,235
Tanjore	..	..	14,998	3,056	72,234	55,611	2,989	52,622
Trichinopoly	..	..	61,861	29,582	4,48,920	3,37,571	4,584	3,32,987
Madura	..	..	46,596	13,780	3,26,110	2,62,820	28,199	2,34,621
Rannad	..	..	15,541	6,078	1,17,259	98,742	12,598	86,144
Tinnevely	..	..	90,328	57,901	9,60,220	8,04,847	24,163	7,80,684
Coimbatore	..	..	46,690	12,634	3,23,724	2,64,268	33,203	2,31,065
Salem	..	..	26,535	11,574	2,00,102	1,35,768	32,819	1,02,949
Total of minor works—Public Works Department	..	..	1,084,269	321,853	67,08,903	52,04,095	4,60,289	47,43,806
Grand total of minor works	..	..	2,524,106	678,241	1,37,41,953	1,06,14,726	10,78,990	95,35,736

Total of minor works—Public Works Department

Grand total of minor works

Prepared by the Board of Revenue, B.P. No. 139, Press, dated 20th October 1936.

STATEMENT II.

Systems.	(1)	Net receipts, direct and indirect.				Gross indirect receipts.			
		Average for five years ending 1933-34.		1935-36.		Actuals, 1934-35.		Revised estimates.	
		(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
		RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
PRODUCTIVE WORKS.									
1	Ganjam minor rivers system	62,373	59,594	69,234	59,893	7,374	7,874	7,874	7,874
2	Codavari delta system	41,91,253	48,40,196	46,22,423	48,10,823	2,28,484	2,28,484	2,28,484	2,28,484
3	Kisna delta system	40,05,456	43,22,200	47,92,379	43,70,849	1,88,653	1,88,653	1,88,653	1,88,653
4	Devi pumping system	2,49,521	2,76,797	2,78,713	2,86,230	87,205	87,205	87,205	87,205
5	Annar river canals system	6,24,618	5,45,348	6,29,572	6,25,507	67,705	67,705	67,705	67,705
6	Rakkanihatta channel	19,705	18,990	19,428	18,530	428	428	428	428
7	Kanupalle channel	61,592	59,048	59,840	68,566	2,929	2,929	2,929	2,929
8	Kadmaran channel	45,339	56,052	55,559	42,339	483	483	483	483
9	Chenraibantakam tank	45,840	36,622	45,464	47,301	957	957	957	957
10	Poncy anicut system	59,334	64,057	47,376	78,202	5,467	5,467	5,467	5,467
11	Chitragiri anicut system	71,900	64,407	70,500	80,776	4,735	4,735	4,735	4,735
12	Thirukottalur anicut system	75,440	77,961	77,301	76,726	3,369	3,369	3,369	3,369
13	Shakti anicut system	1,49,606	1,65,581	1,65,614	1,51,724	17,031	17,031	17,031	17,031
14	Mohammattur anicut system	20,428	21,830	21,850	21,377	196	196	196	196
15	Vidhachalam anicut system	29,707	32,035	32,339	34,313	339	339	339	339
16	Willingdon reservoir	1,01,315	1,01,686	1,01,705	93,093	448	448	448	448
17	Lower Coleroon anicut system	4,27,241	4,53,868	4,48,794	4,51,012	51,515	51,515	51,515	51,515
18	Curvey delta system	15,33,476	21,09,595	21,72,729	14,65,804	1,24,013	1,24,013	1,24,013	1,24,013
19	Nandiyar delta system	11,521	13,152	13,350	14,683	243	243	243	243
20	Periyar system	8,25,699	8,08,756	8,18,090	8,07,483	94,826	94,826	94,826	94,826
21	Saravakuntam anicut system	1,44,612	1,39,336	1,40,001	1,36,365	1,490	1,490	1,490	1,490
22	Marudam anicut system	88,793	88,108	88,520	87,095	279	279	279	279
23	Cumbum tank	2,738	9,413	9,338	9,785	461	461	461	461
24	South Bank canal	22,155	59,245	74,220	95,547	121	121	121	121
25	Polavaram Island project	98,686	1,08,384	1,04,500	1,18,599	..	..	..	..
26	Curvey-Mettur Project *	..	8,12,642	10,36,070	11,08,789	..	..	..	..

UNPRODUCTIVE WORKS.

27	Rushikulya system	1,84,557	1,90,077	1,94,143	1,89,555	6,220	6,220	6,220	6,244
28	Nagavalli river system	82,587	93,813	88,525	82,695	21,450	21,450	21,450	21,463
29	Muniyera anicut system	38,516	44,710	44,707	44,465	60	60	60	60
30	Jangamaleswarapuram tank	534	198	950	344	..	..	..	..
31	Atmakur tank	2,289	1,891	1,900	1,860	..	..	..	..
32	Dondupad tank	519	637	579	824	10	10	10	10
33	Bhavanasi tank	4,724	4,379	4,756	4,251	..	..	..	..
34	Mopad reservoir	33,557	33,431	28,446	33,930	5,140	5,140	5,140	5,166
35	Halpuram tank	2,633	3,473	1,819	1,573	15	15	15	15
36	Ponnalur tank	4,838	4,107	4,273	4,335	..	..	..	..
37	Anamasamudram-Biraperu tank	38	378	476	1,837	1	1	1	1
38	Yeru tank	2,967	114	132	3,326	86	86	86	86
39	Sagileru system	119	6,379	1,735	7,848	26	26	26	26
40	Markapur tank	3,910	3,843	4,437	5,898	1	1	1	1
41	Yellapur tank	3,418	1,727	4,303	3,362	1,104	1,104	1,104	1,104
42	Siddhapur tank	2,396	5,733	3,990	4,348	..	..	..	..
43	Nagavaram anicut and supply channel	1,545	1,925	1,795	1,442	146	146	146	146
44	Venkatapuram tank	938	1,403	1,779	1,208	38	38	38	38
45	Kurnool-Cuddapah canal	2,65,882	2,76,077	2,55,595	2,40,172	2,315	2,315	2,315	2,317
46	Chepad channel	36,223	39,040	37,495	35,022	554	554	554	554
47	Barur tank	17,646	17,254	17,375	17,274	758	758	758	758
48	Kanuyampalayam anicut †	14,468	16,865	16,539	17,250	462	462	462	462
49	Madras water-supply and irrigation system.	3,455	2,637	3,570	3,088	1,074	1,074	1,074	1,074
50	Vallur anicut system	1,96,360	1,55,171	1,43,921	2,44,326	16,843	16,843	16,843	16,843
51	Palar anicut system	52,821	53,187	53,190	53,018	86	86	86	86
52	Pelandurai anicut system	..	..	..	..	..	..	..	..

* New project.

† No charge for water for 20 years—G.O. No. 128 I., dated 17th March 1916.

Prepared by the Board of Revenue, B.P. No. 131, Press, dated 30th September 1936.

APPENDIX IV.

Statement showing the number of wells used for irrigation in fasli 1345—Parts I and II.

Serial number and name of district.	Part I.				Part II.			
	Wells which lie in the wet systems of recognised sources of irrigation.				Wells which have independent systems of their own.			
	Wells in actual use.		Wells in actual use.		Wells in actual use.		Wells in actual use.	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
	Number.	Area irrigated.	Number of wells in working order but not used.	Number of abandoned wells.	Total number of wells (columns (2), (4) and (6)).	Number.	Area irrigated.	Number of wells in working order but not used.
1 Ganjam	156	408	12	7	175	621	470	92
2 Vizagapatnam	3,261	2,314	34	303	4,398	4	2,983	43
3 East Godavari	43	4,233	10	1	54	1,539	12,906	43
4 West Godavari	1	32	198	102	199	4,476	25,131	623
5 Krishna	1,224	3,353	443	327	2,870	7,349	25,017	1,390
6 Guntur	1,598	4,907	1,496	1,343	3,537	16,811	51,551	2,616
7 Nellore	5,035	24,280	1,415	1,435	12,194	4,737	12,990	1,064
8 Chintalapudi	9,176	15,963	300	171	14,472	6,405	17,675	1,335
9 Chintalapudi	901	2,267	171	201	1,273	1,060	1,060	2,809
10 Kakinada	344	41,278	1,255	1,392	3,072	13,770	19,034	715
11 Kakinada	20,141	25,469	1,229	1,841	23,211	13,125	24,176	904
12 Chintalapudi	20,141	25,469	1,229	1,841	23,211	13,125	24,176	904
13 Chintalapudi	51,455	72,480	3,190	3,426	60,341	6,801	10,437	5,119
14 North Arcot	25,101	51,541	4,345	1,003	35,629	12,183	15,454	1,920
15 South Arcot	11,022	14,979	560	403	11,901	27,701	100,471	715
16 Tanjore	8,627	15,186	1,728	1,231	11,597	37,962	97,441	962
17 Tirunelveli	4,101	12,149	327	162	4,590	19,181	45,435	974
18 Madurai	11,343	20,113	3,370	904	15,577	26,870	48,268	2,362
19 Tirunelveli	3,976	14,296	579	253	4,008	88,397	389,064	1,032
20 Tirunelveli	19,261	42,130	4,316	2,330	25,927	67,643	121,612	2,724
21 Coimbatore								
22 Salem								
Total	201,164	374,295	27,638	24,462	252,964	455,834	1,160,383	28,026
								16,766
								531,226

Prepared by the Board of Revenue—vide B.P. Rout. No. 5775, dated 28th November 1936.

REVIEW OF THE ADMINISTRATIVE ACCOUNTS OF IRRIGATION, NAVIGATION, EMBANKMENT AND DRAINAGE WORKS OF THE MADRAS PRESIDENCY, FOR THE YEAR 1935-36.

Irrigation, Navigation, Embankment and Drainage Works for which capital and Revenue Accounts are kept are classified into—

(1) A. Irrigation Works, and

(2) B. Navigation, Embankment and Drainage Works;

each of these being subdivided into productive and unproductive works.

Every irrigation, navigation, embankment or drainage work for which a capital account is kept is classed as productive, if the net revenue anticipated at the end of ten years from the date of the closing of the construction estimate appears likely to pay the annual interest charges on the capital invested (including direct and indirect charges and all arrears of simple interest), calculated at 4 per cent for works sanctioned before the 1st April 1919 at 5 per cent for those sanctioned between 1st April 1919 and 1st August 1921, and at 6 per cent for those sanctioned after the last mentioned date. If a work is not expected to yield such a return, it is classified as unproductive.

2. The following table summarises the results of irrigation, etc., works during the year 1935-36, in comparison with those of the previous year 1934-35.

(1)	Total invested (direct and indirect and all arrears of simple interest) to end of		Gross receipts (direct and indirect) during	
	1934-35	1935-36	1934-35	1935-36
(2)	(3)	(4)	(5)	(6)
A. Irrigation works	Rs.	Rs.	Rs.	Rs.
1 Productive	16,97,00,655	17,40,09,413	1,65,97,684	1,65,97,684
2 Unproductive	9,73,00,269	9,83,23,770	10,79,489	10,79,489
B. Navigation, etc., works—				
2 Unproductive	3,14,07,541	3,18,10,777	1,13,662	1,13,662
	Gross receipts (direct and indirect) during 1935-36.		Working expenses (direct and indirect) during	
	(5)	(6)	1934-35	1935-36
A. Irrigation works—	Rs.	Rs.	Rs.	Rs.
1 Productive	1,64,60,047	61,88,767	61,80,722	61,80,722
2 Unproductive	11,20,208	6,04,887	6,46,134	6,46,134
B. Navigation, etc., works—				
2 Unproductive	81,349	2,66,079	1,88,495	1,88,495
	Net revenue during		Percentage on capital invested during	
	1934-35	1935-36	1934-35	1935-36
	(8)	(9)	(10)	(11)
A. Irrigation works—	Rs.	Rs.		
1 Productive	1,14,00,227	1,13,15,325	6.72	6.60
2 Unproductive	4,84,602	5,83,134	0.60	0.60
B. Navigation, etc., works—				
2 Unproductive	1,62,197	1,07,146	0.46	0.24

A. IRRIGATION WORKS.

I. Productive.

3. The number of productive works remained the same as last year, i.e., 26, of which, items 1 to 25 of Account No. I (General Abstract) have been in operation. For item 24, the completion report has been approved by Government in May 1936, and for item 25 the construction estimate was closed on 30th September 1934, but the completion report has not yet been forwarded to Government. The Kattalai Scheme (item 26) is still in progress.

4. During the year under review, there was a net decrease in revenue to the extent of 1.32 lakhs (i.e., an increase of 6.19 lakhs in the case of some of the systems and a decrease of 7.51 lakhs in some other cases) as compared with the revenue of last year. The increase was mainly in Thadapalli (11 lakh), Chembrambakkam (17 lakh), Pennar river canals (83 lakh), Cheyyar (17 lakh), Poiney anicut (14 lakh), Kistna Delta (91 lakh), Divi Pumping System (11 lakh), Polavaram Island Project (11 lakh), Cauvery-Mettur Project (* 3.32 lakhs), and Kattalai Scheme (38 lakh). The decrease in revenue was in respect of the following systems, viz., Cauvery Delta (* 6.76 lakhs), Godavari Delta (29 lakh), Kalingarayan Channel (14 lakh), Shatiatope anicut (14 lakh), Toludur (9 lakh), Lower Coleroon (4 lakh) and Periyar system (5 lakh). The decrease of revenue in the case of Toludur Reservoir system is reported to be due to a fall in the extent of cultivation under second crop.

5. During the year, there was a net decrease of nearly .38 lakh in the working expenses as compared with last year.

There was an increase to an extent of 2.95 lakhs as explained below:—

- (a) Godavari Delta (46 lakh)—Purchase during the year of a self-propelling dredger for the Akanda Godavari.
- (b) Tirukkoyilur Anicut (14 lakh)—Carrying out of improvements to the anicut and the execution of urgent repairs to certain railway-affecting tanks.
- (c) Kistna Delta (22 lakh)—Provision of silt vanes in front of the Kistna Western Delta head sluice and the execution of a number of remodelling works.
- (d) Cauvery-Mettur Project (1.92 lakhs)—Increased expenditure due to an increase of area open for Irrigation.

* The apparent decrease and increase in the case of the Cauvery Delta System and the Cauvery-Mettur Project as indicated above do not afford a true basis for comparison as there was a transfer, in the accounts of the year, of a Sum of Rs. *2.77 lakhs from the Cauvery Delta system to the Cauvery-Mettur Project, representing irrigation revenue wrongly taken to the account of the former system instead of to the latter in the years 1932-33 to 1934-35. If allowance is made for this, the real revenue results, during the year, would have been decreases to the extent of 1.03 lakhs and 2.40 lakhs respectively in the Cauvery Delta and the Cauvery-Mettur Project, as compared with the last year.			
1932-33	..	+	1,260
1933-34	..	—	19,998
1934-35	..	+	2,95,498
Total	..	+	2,76,760

- (e) Kattalai Scheme (21 lakh)—Execution during the year of protective works, on a large scale to the existing channels and the maintenance of Kattalai high level channel completed during the year.

A decrease of 3.33 lakhs was, however, noticed in the maintenance charges of the Cauvery Delta, Srivaikuntam Anicut; Pennar river canals, Chembrambakkam tank, Poiney Anicut, Cheyyar Anicut, Periyar system, Nandiyar channel, Lower Coleroon anicut and Divi Pumping System. The fall in the working expenses of the first three systems was marked, viz., .32 lakh, .81 lakh and 1.29 lakhs respectively and is attributable to the following causes:—

- (a) *Cauvery Delta*.—Execution of the work of improvements to the Peruvalai channel and certain other remodelling works in 1934-35.
- (b) *Srivaikuntam Anicut*.—Making up, during 1934-35, the flood damages caused by the floods of 1931 and 1933.
- (c) *Pennar River Canals*.—Execution, during 1934-35, of the work of the reconstruction of the Maldevi low level escape of the Kanigiri Reservoir and other emergent works due to the cyclone of November 1933.

6. The systems bearing Nos. 1 to 22 in Account No. I (General Abstract) have been in operation for over 13 years since the dates of closure of the construction estimates. Of these items 1, 3 to 7, 9 to 13, 15, 17, 18, 21 and 22 satisfy the test of productivity referred to in paragraph 1 ante; items 8, 14, 16 and 19 have failed to do so during a portion of the triennium ending with 1935-36, and their retention in the productive category is justified with reference to rule 3 (iii) of Statement A of Appendix IV to the Madras Public Works Account Code. As regards items 2 and 20, Government ordered that they might be retained in the productive class till the end of 1936-37.

II. Unproductive.

7. There are 28 works of this class in the Presidency as in the last year.

8. There was a slight increase in revenue to the extent of .50 lakh as compared with the last year and this was largely brought about by an increase in revenue to the extent of .94 lakh in the Palar Anicut and a decrease of .42 lakh in the Kurnool-Cuddapah canal. The fall in revenue in the latter case was due to the fact that the first and second crop cultivation did not proceed normally owing to the occurrence of a breach in the canal during the cultivation season. Further, less canal water than usual was required for the irrigation of dry crops because of adequate and timely rainfall.

9. There was a net decrease of 49 lakh in the working expenses, during the year, as compared with those of the previous year and this occurred chiefly in the following systems for the reasons noted against each :—

(a) Palar (49 lakh). The expenditure during 1935-36, having been kept to the normal.

(b) Rushikulya (16 lakh). Execution during 1934-35 of repairs to works damaged by the floods of October 1933.

There was, however, an increase of 37 lakh in the working expenses of the Basavannah channel due to the transfer, during 1935-36, of the outlay on the work "special repairs to Mukurti odai aqueduct" from capital to revenue (i.e., from the major head "16" to "XIII") and to the silt clearance work done during the year.

10. There are no systems in this class to be transferred to the productive class.

B. NAVIGATION, ETC., WORKS.

11. There are three works of this class in the Presidency, and all of them have been classed as "Unproductive." The receipts showed a decrease of 32 lakh as compared with previous year. The fall in revenue was chiefly in respect of Buckingham canal. There was a decrease in the maintenance charges, during the year, to the extent of 20 lakh and 58 lakh respectively in respect of the Vedaranniyam and the Buckingham canals. It is explained to be due, in the former case, to the banks of the canal having been made up to the full standard in the previous year and in the latter case, to the fact that certain special repairs works were dropped and silt clearance postponed to end of March 1936.

P. K. WATTAL,
Accountant-General, Madras.

No. 1.—General Abstract of Financial Results showing the estimated cost of construction of Productive and Unproductive Works, the Capital outlay thereon, the Revenue derived therefrom, the Working Expenses and the interest on the debt incurred in respect of those works for and to end of 1935-1936.

No. 1.—General Abstract of Financial Results showing the estimated cost of construction of Productive and Unproductive Works, the Capital outlay thereon, the Revenue derived therefrom, the Working Expenses and the interest on the debt incurred in respect of those works for and to end of 1935-1936.

Name of project. (1)	ESTIMATED COST OF CONSTRUCTION.			Date of closure of construction estimate or in the case of works under construction date of sanction. (5)	CAPITAL OUTLAY INCLUSIVE OF INDIRECT CHARGES DURING 1935-36.		
	Direct charges. (2)	Indirect charges. (3)	Total. (4)		Direct charges. (6)	Indirect charges. (7)	Total. (8)
WORKS FOR WHICH BOTH CAPITAL AND REVENUE ACCOUNTS ARE KEPT.							
A. Irrigation Works.							
(1) Productive Works.							
1. Cauvery delta system.	78,75,713	2,62,723	81,38,436	31st March 1889.	70,565	500	71,065
2. Srivaikuntam anicut system.	16,67,459	1,07,604	17,75,063	Do.	..	..	..
3. Godavari delta system.	1,71,05,912	20,30,356	1,91,36,268	31st March 1890.	3,07,650	2,883	3,10,538
4. Mehamathur anicut system.	86,943	2,110	89,053	March 1891 ..	1,233	9	1,242
5. Tadapalle channel ..	1,66,383	11,063	1,77,446	1893 ..	..	..	..
6. Kalingarayan channel.	1,75,980	4,506	1,80,486	1893 ..	..	..	..
7. Vriddhachalam anicut system.	1,04,144	4,060	1,08,204	31st March 1893.	1,886	394	2,280
8. Chembrambakkam tank.	6,51,348	1,12,795	7,64,143	Do.	..	..	..
9. Marudur anicut system.	58,721	1,401	60,122	1893 ..	..	..	..
10. Penner river canals system.	58,72,137	10,15,751	68,87,888	31st March 1894.	9,111	65	9,176
11. Arankota channel ..	1,40,789	3,676	1,44,465	Do.	..	..	..

12. Tirukkoyilur anicut system.	3,89,189	10,001	3,99,190	31st March 1895 ..	..	..	..
13. Shatikothe anicut system.	10,29,416	59,671	10,89,087	Do. ..	277	2	279
14. Cheyyar anicut system.	5,25,735	15,207	5,40,942	31st March 1896.	1,753	14	1,767
15. Cumbum tank ..	83,985	2,388	86,373	Do.	..	..	..
16. Poiney anicut system.	2,96,106	8,812	3,03,918	1897 ..	..	..	..
17. Periyar system ..	1,04,61,627	3,71,027	1,08,35,654	31st March 1897.	..	..	..
18. Kistna delta system.	2,31,63,052	12,17,930	2,43,8,982	31st March 1898.	13,12,149	21,624	13,33,773
19. Nandayar channel system.	63,231	2,484	65,715	1899 ..	..	..	..
20. Ganjam minor river system.	2,78,196	11,030	2,89,226	31st March 1900.	..	..	..
21. Lower Coleroon anicut system.	29,13,423	88,246	30,01,669	30th June 1903 ..	..	..	..
22. Divi pumping system.	25,91,505	61,638	26,53,143	31st October 1913.	..	..	..
23. Toludur reservoir project.	23,91,827	2,53,847	26,45,674	31st October 1925.	116	54	170
24. Polavaram Island project.	16,76,423	27,469	17,03,892	28th Feb. 1934.	42,546	329	42,875
25. Cauvery-Mettur project.	6,67,70,000	11,30,000	6,79,00,000	15th June 1929 ..	— 1,34,676	9,926	— 1,24,750
26. Kattalai scheme ..	33,08,425	58,801	33,67,226	1st December 1926.	2,28,527	6,101	2,34,628
Total, A. Irrigation—(1) Productive ..	14,98,49,649	68,74,596	15,67,24,245		18,41,137	41,906	18,83,043
(2) Unproductive Works.							
1. Kurnool-Cuddapah canal.	2,33,13,676	73,438	2,33,87,114	Not known ..	..	..	..
2. Barur tank ..	4,19,375	23,738	4,43,113	31st March 1891.	..	..	..
3. Vallur anicut ..	74,366	1,916	76,282	31st March 1893.	..	..	..
4. Madras Water-supply and Irrigation system.	16,28,864	2,40,054	18,68,918	1893 ..	..	..	..
5. Pelandorai anicut system.	6,43,302	48,772	6,92,074	1893 ..	..	..	..
6. Palar anicut system ..	23,48,502	1,17,304	24,65,806	31st March 1896.	..	..	..

No. 1.—General Abstract of Financial Results showing the estimated cost of construction of Productive and Unproductive Works, the Capital outlay thereon, the Revenue derived therefrom, the Working Expenses and the interest on the debt incurred in respect of those works for and to end of 1935-1936—*cont.*

Name of project.	ESTIMATED COST OF CONSTRUCTION.			Date of closure of construction estimate or in the case of works under construction date of sanction.	CAPITAL OUTLAY INCLUSIVE OF INDIRECT CHARGES DURING 1935-36.		
	Direct charges.	Indirect charges.	Total.		Direct charges.	Indirect charges.	Total.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
WORKS FOR WHICH BOTH CAPITAL AND REVENUE ACCOUNTS ARE KEPT— <i>cont.</i>	RS.	RS.	RS.		RS.	RS.	RS.
A. Irrigation Works— <i>cont.</i>							
(2) Unproductive Works— <i>cont.</i>							
7. Rushikulya system ..	51,96,655	4,27,357	56,24,012	31st March 1901.	16,278	1,072	17,350
8. Muniyeru system ..	5,79,317	29,813	6,09,130	1901-02 ..	91	..	91
9. Dondapad tank ..	1,24,786	15,218	1,40,004	31st March 1903.	..	..	..
10. Yerur tank ..	61,741	1,612	63,353	31st March 1907.	..	..	..
11. Sagileru tank ..	4,47,108	17,619	4,64,727	Do.	..	..	..
12. Atmakur tank ..	1,11,959	13,444	1,25,403	31st August 1907.	..	..	..
13. Jangamaheswarapuram tank.	61,253	10,411	71,664	31st March 1908.	..	..	..
14. Anamasamudram-Bera-peru tank.	71,687	1,886	73,573	31st March 1910.	..	..	..
15. Hajipuram tank ..	2,78,774	33,109	3,11,883	31st March 1911.	..	..	..
16. Ponnatur tank ..	1,92,975	25,674	2,18,649	Do.	..	..	..
17. Markapur tank ..	1,24,481	4,859	1,29,340	Do.	..	..	..
18. Nagavalli river system.	17,20,554	44,871	17,65,425	31st December 1913.	12,742	119	12,861
19. Venkatapuram tank ..	3,72,250	12,671	3,84,921	31st March 1918.	..	..	..
20. Bhavanasi tank ..	2,54,395	11,096	2,65,491	31st March 1919.	..	..	..
21. Yellanur tank ..	3,39,192	30,515	2,69,707	Do.	..	..	..
22. Panjapatti reservoir ..	3,27,781	11,495	3,39,276	30th June 1919.	..	..	..
23. Siddapur tank ..	7,91,038	13,448	8,04,486	31st October 1919.	..	..	..

24. Nagavaram anicut and supply channel.	1,07,295	2,595	1,09,890	31st December 1919.	..	..	..
25. Mopad reservoir system.	21,93,275	96,422	22,89,697	30th April 1921 ..	..	..	..
26. Kanniyampalayam anicut.	1,07,221	3,853	1,11,074	31st March 1922 ..	..	..	..
27. Thippayapalem project.	3,83,936	23,489	4,07,425	4th February 1924.	85,076	719	85,795
28. Basavanah channel.	5,83,523	6,577	5,92,100	19th December 1924.	21,275	180	21,455
Total, A. Irrigation—(2) Unproductive.	4,27,61,281	13,43,256	4,41,04,537		1,35,462	2,090	1,37,552
Total, A. (Irrigation Works)	19,26,10,930	82,17,852	20,08,28,782		19,76,599	43,996	20,20,595
B. Navigation, Embankment and Drainage Works.							
(2) Unproductive.							
1. Ganjam-Gopalpur canal.	1,43,100	12,393	1,55,493	1893 ..	..	..	..
2. Vedaranniyam canal.	1,32,699	3,733	1,36,432	31st March 1893.	..	..	..
3. Buckingham canal ..	85,92,529	4,89,464	90,81,993	March 1897 ..	..	..	..
Total, (2) Unproductive Works.	88,68,328	5,05,590	93,73,918		..	..	..
Total, B. Navigation, etc., Works.	88,68,328	5,05,590	93,73,918		..	..	..
Total, Construction of Irrigation, etc., Works.	20,14,79,258	87,23,442	21,02,02,700		19,76,599	43,996	20,20,595

PUBLIC WORKS DEPARTMENT

No. 1.—General Abstract of Financial Results showing the estimated cost of construction of Productive and Unproductive Works, the Capital outlay thereon, the Revenue derived therefrom, the Working Expenses and the interest on the debt incurred in respect of those works for and to end of 1935-1936—*cont.*

Name of project.	CAPITAL OUTLAY INCLUSIVE OF INDIRECT CHARGES TO END OF 1935-36.			Accumulat- ed arrears of simple interest to end of the year.	Total capital invested to end of the year [columns (11)+(12)].	GROSS RECEIPTS DURING THE YEAR 1935-36.			WORKING EXPENSES AND MAINTENANCE DURING 1935-36 INCLUSIVE OF INDIRECT CHARGES.		
	Direct charges.	Indirect charges.	Total.			Direct receipts.	Portion of land revenue due to works, etc.	Total.	Direct charges.	Indi- rect char- ges.	Total.
	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
WORKS FOR WHICH BOTH CAPITAL AND REVENUE ACCOUNTS ARE KEPT —cont.											
A. Irrigation Works.											
(1) Productive Works.											
1. Cauvery delta system.	77,49,768	2,61,273	80,11,041	..	80,11,041	14,29,277	1,24,043	*15,53,320	8,57,339	6,584	8,63,923
2. Srivaikuntam anicut system.	16,67,459	1,07,604	17,75,063	..	17,75,063	1,50,049	1,490	1,51,539	1,02,812	918	1,03,730
3. Godavari delta sys- tem.	1,65,70,789	20,60,350	1,86,31,139	..	1,86,31,139	50,74,135	2,29,666	53,03,801	15,04,747	9,255	15,14,002
4. Mehamathur anicut system.	81,924	2,071	83,995	..	83,995	22,869	196	23,065	9,466	55	9,521
5. Tadapalle channel.	1,66,383	11,063	1,77,446	..	1,77,446	71,188	2,929	74,117	17,397	110	17,507
6. Kalingarayan chan- nel.	1,75,980	4,506	1,80,486	..	1,80,486	45,858	483	46,341	18,234	125	18,359
7. Vriddhachalam ani- cut system.	1,04,144	4,060	1,08,204	..	1,08,204	36,094	339	36,433	9,717	50	9,767
8. Chembrambakkam tank.	6,51,348	1,12,795	7,64,143	..	7,64,143	48,939	957	49,896	5,629	24	5,653

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1935-1936.

MADRAS PRESIDENCY.

Name of project.	Direct charges.	Indirect charges.	Total.	Accumulated arrears of simple interest to end of the year.	Total capital invested to end of the year [columns (11)+(12)].	GROSS RECEIPTS DURING THE YEAR 1935-36.	Portion of land revenue due to works, etc.	Total.	Direct charges.	Indirect charges.	Total.
	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
9. Marudur anicut system.	58,721	1,401	60,122	..	60,122	93,366	279	93,645	36,216	238	36,454
10. Pennar river canals system.	58,58,203	10,15,450	68,73,653	..	68,73,653	5,87,351	71,945	6,59,296	1,26,522	619	1,27,141
11. Arankota channel.	1,40,769	3,676	1,44,445	..	1,44,445	19,345	438	19,773	4,340	25	4,365
12. Tirukkoyilur anicut system.	3,89,189	10,001	3,99,190	..	3,99,190	78,435	3,369	81,804	34,842	207	35,049
13. Shatidatope anicut system.	10,29,416	59,671	10,89,087	..	10,89,087	1,43,132	17,031	1,60,163	45,779	336	46,115
14. Cheyyar anicut system.	5,22,995	15,187	5,38,182	..	5,38,182	81,379	4,735	86,114	29,197	194	29,391
15. Cumbum tank ..	83,985	2,388	86,373	..	86,373	9,838	461	10,299	592	2	894
16. Poincy anicut system.	2,95,106	8,812	3,03,918	..	3,03,918	77,085	5,471	82,556	25,074	164	25,238
17. Periyar system ..	1,04,64,627	3,71,027	1,08,35,654	..	1,08,35,654	7,58,101	94,826	8,52,927	2,14,643	1,508	2,16,151
18. Kistna delta system.	2,08,00,553	11,78,851	2,19,79,404	..	2,19,79,404	46,03,757	1,88,782	47,92,539	11,57,715	5,980	11,63,695
19. Nandiyar channel system.	63,231	2,484	65,715	25,134	90,849	15,426	243	15,669	4,332	25	4,357
20. Ganjam minor river system.	2,78,196	11,030	2,89,226	..	2,89,226	55,178	7,874	63,052	61,639	343	61,982
21. Lower Coleroon anicut system.	29,13,423	88,246	30,01,669	..	30,01,669	4,25,834	51,515	4,77,349	1,66,055	1,612	1,67,667
22. Divi pumping system.	25,91,505	61,638	26,53,143	54,651	27,07,794	2,16,217	87,205	3,03,422	1,26,356	743	1,27,099
23. Toludur reservoir project.	23,48,337	2,51,159	25,99,496	11,87,441	37,86,937	97,922	448	98,370	39,104	229	39,333
24. Polavarani Island project.	16,46,273	27,229	16,73,502	32,346	17,05,848	1,25,413	..	1,25,413	14,730	55	14,785
25. Cauvery-Mettur project.	6,48,01,482	10,43,174	6,58,44,656	1,96,86,459	8,55,31,115	12,02,322	..	*12,02,322	4,61,846	2,760	4,64,606
26. Kattalai scheme ..	38,12,748	90,481	39,03,229	10,41,201	49,44,430	1,02,701	121	1,02,822	43,654	284	43,938
Total, A. Irrigation—(1) Productive.	14,52,66,554	68,05,627	15,20,72,181	2,20,27,232	17,40,99,413	1,55,71,211	8,94,836	1,64,66,047	51,18,277	32,445	51,50,722
(2) Unproductive Works.											
1. Kurnool-Cuddapah canal.	2,33,13,676	73,438	2,33,87,114	3,95,97,025	6,29,84,139	2,95,928	2,901	2,98,829	1,42,794	1,004	1,43,798
2. Barur tank ..	4,19,375	23,738	4,43,113	3,93,878	8,36,991	18,714	758	19,472	8,178	56	8,234
3. Vallur anicut ..	74,366	1,916	76,282	20,742	97,024	2,323	1,074	3,397	542	2	544
4. Madras Water-supply and Irrigation system.	16,28,864	2,40,054	18,68,918	27,59,036	46,27,954	66,773	462	67,235	21,423	171	21,594

* A sum of Rs. 2,76,760 representing irrigation revenue realised during the years 1932-33 to 1934-35 on account of the Cauvery-Mettur Project was wrongly taken to the account of the Cauvery Delta system. The amount was transferred from the latter to the former system during the year and the figures noted in column 16 against the two systems include the above adjustment.

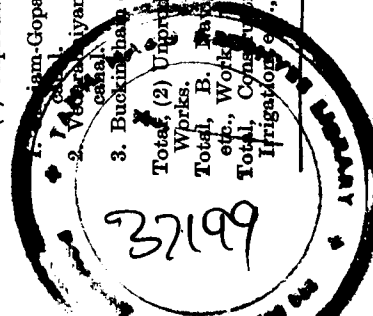
No. 1.—General Abstract of Financial Results showing the estimated cost of construction of Productive and Unproductive Works, the Capital outlay thereon, the Revenue derived therefrom, the Working Expenses and the interest on the debt incurred in respect of those works for and to end of 1935–1936—*cont.*

Name of project.	CAPITAL OUTLAY INCLUSIVE OF INDIRECT CHARGES TO END OF 1935-36.			Accumulated arrears of simple interest to end of the year.	Total capital invested to end of the year [columns (11) + (12)].	GROSS RECEIPTS DURING THE YEAR 1935-36.			WORKING EXPENSES AND MAINTENANCE DURING 1935-36 INCLUSIVE OF INDIRECT CHARGES.		
	Direct charges.	Indirect charges.	Total.			Direct receipts.	Portion of land revenue due to works, etc.	Total.	Direct charges.	Indi- rect char- ges.	Total.
	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
WORKS FOR WHICH BOTH CAPITAL AND REVENUE ACCOUNTS ARE KEPT— cont.											
A. Irrigation Works— cont.											
(2) Unproductive Works —cont.											
5. Pelandorai anicut...	6,43,302	48,772	6,92,074	4,25,455	11,17,529	56,183	86	56,269	20,491	115	20,606
6. Palar anicut system.	23,48,502	1,17,304	24,65,806	4,34,951	29,00,757	2,41,745	16,851	2,58,596	77,787	506	78,293
7. Rushikulya system.	51,83,148	4,27,117	56,10,265	48,45,764	1,04,56,029	1,96,699	6,241	2,02,943	1,56,213	845	1,57,058
8. Muniyaru system ..	5,71,319	29,751	6,01,070	2,88,977	8,90,127	47,692	60	47,752	10,532	51	10,583
9. Dondapad tank ..	1,24,786	15,218	1,40,004	1,76,298	3,16,302	857	10	867	54	..	54
10. Yerur tank ..	61,741	1,612	63,353	32,834	96,187	3,415	86	3,501	828	4	832
11. Sagileru system ..	4,47,108	17,619	4,64,727	6,70,736	11,35,463	8,303	26	8,329	3,296	24	3,320
12. Atmakur tank ..	1,11,959	13,444	1,25,403	90,206	2,15,609	1,958	..	1,958	648	3	651
13. Jangamaheshwarapu- ram tank.	61,253	10,411	71,664	56,783	1,28,447	362	..	362	82	..	82
14. Anamasamudram, Beraperu tank.	71,687	1,886	73,573	69,913	1,43,486	1,987	1	1,986	302	2	304
15. Hajipuram tank ..	2,78,774	33,109	3,11,883	2,31,050	5,42,933	1,585	70	1,655	317	1	318
16. Ponnalur tank ..	1,92,975	25,674	2,18,649	2,23,951	4,42,600	4,564	..	4,564	2,987	19	3,006
17. Markapur tank ..	1,24,481	4,859	1,29,340	96,088	2,25,428	6,207	1	6,208	5,239	41	5,280

ADMINISTRATIVE ACCOUNTS
FOR THE YEAR 1935–1936.

18. Nagavalli river system.	17,02,165	42,506	17,44,671	3,59,613	21,04,284	72,779	21,463	94,242	33,265	165	33,430
19. Venkatapuram tank.	3,72,250	12,671	3,84,921	3,05,133	6,90,054	1,233	38	1,271	689	5	694
20. Bhavanasi tank ..	2,54,395	11,096	2,65,491	1,99,355	4,64,846	4,489	..	4,489	2,861	19	2,880
21. Yellanur tank ..	2,39,192	30,515	2,69,707	1,63,153	4,32,860	2,409	1,104	3,513	1,292	9	1,301
22. Panjapatki reservoir ..	3,27,781	11,495	3,39,276	2,45,651	5,84,927	44	..	44	255	2	257
23. Siddapur tank ..	7,91,038	13,448	8,04,486	5,90,448	13,94,934	4,577	..	4,577	844	5	849
24. Nagavaram anicut and supply channel.	1,07,295	2,595	1,09,890	57,873	1,67,763	1,440	146	1,586	573	4	577
25. Mopai reservoir system.	21,93,275	96,422	22,89,697	15,72,502	38,62,199	30,449	5,166	35,615	13,532	82	13,614
26. Kanniyampalayam anicut.	1,07,221	3,853	1,11,074	1,08,571	2,19,645	4,000	..	4,000	1,510	12	1,522
27. Thippayapalem project.	3,55,111	10,210	3,65,321	64,500	4,29,821	..	..	..	..	..	..
28. Beasavannah channel.	5,60,047	6,402	5,66,449	2,48,983	8,15,432	..	..	..	36,701	310	37,011
Total, A. Irrigation—(2) Unproductive.	4,26,67,166	13,27,135	4,39,94,301	5,43,29,469	9,83,23,770	10,72,721	56,547	11,29,268	5,42,681	3,453	5,46,134
Total, A. Irrigation Works.	18,79,33,720	81,32,762	19,60,66,482	7,63,56,701	27,24,23,183	1,66,43,932	9,51,383	1,75,95,315	56,60,958	35,898	56,96,856
B. Navigation, Embankment and Drainage Works.											
(2) Unproductive.											
1. Palar-Gopalpur canal.	1,43,100	12,393	1,55,493	2,38,490	3,93,983	8	..	8	..	..	..
2. Muniyaru canal.	1,32,699	3,733	1,36,432	7,00,007	8,36,439	1,249	..	1,249	12,001	85	12,086
3. Buckingham canal.	85,92,529	4,89,464	90,81,993	2,14,98,362	3,05,80,355	80,092	..	80,092	1,74,981	1,428	1,76,409
Total, (2) Unproductive Works.	88,68,328	5,05,590	93,73,918	2,24,36,859	3,18,10,777	81,349	..	81,349	1,86,982	1,513	1,88,495
Total, B. Navigation, etc., Works.	88,68,328	5,05,590	93,73,918	2,24,36,859	3,18,10,777	81,349	..	81,349	1,86,982	1,513	1,88,495
Total, Construction of Irrigation works.	19,68,02,048	86,38,352	20,54,40,400	9,87,93,560	30,42,33,960	1,67,25,281	9,51,383	1,76,76,664	58,47,940	37,411	58,85,351

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236



PUBLIC WORKS DEPARTMENT.

No. 1.—General Abstract of Financial Results showing the estimated cost of construction of Productive and Unproductive Works, the Capital outlay thereon, the Revenue derived therefrom, the Working Expenses and the interest on the debt incurred in respect of those works for and to end of 1935-1936—cont.

Name of project.	NET REVENUE.		PERCENTAGE ON CAPITAL OUTLAY [COLUMN (11)].		Simple interest during 1935-36.	Net gain.	Net loss.	PERCENTAGE OF NET REVENUE [COLUMNS (20) AND (21) ON CAPITAL INVESTED COLUMN (13)].			Prescribed rate of interest as test of productivity.
	Surplus (+).	Deficit (-).	Gain.	Loss.				During 1933-34.	During 1934-35.	During 1935-36.	
(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	
WORKS FOR WHICH BOTH CAPITAL AND REVENUE ACCOUNTS ARE KEPT—cont.	RS.	RS.		RS.	RS.	RS.					
A. Irrigation Works—cont.											
(1) Productive Works.											
1. Cauvery delta system.	6,89,397	..	8.61	..	3,14,305	3,75,092	..	14.73	16.78	8.61	
2. Srivaikuntam anicut system.	47,809	..	2.69	..	56,490	..	8,681	0.86	— 1.77	2.69	
3. Godavari delta system.	37,89,799	..	20.34	..	6,01,262	31,85,537	..	19.10	21.09	20.34	
4. Mahanathur anicut system.	13,544	..	16.12	..	2,874	10,670	..	20.98	19.74	16.12	
5. Thadapalle channel ..	56,610	..	31.90	..	5,558	51,052	..	31.20	23.72	31.90	
6. Kalingarayan channel ..	27,982	..	15.50	..	5,852	22,130	..	21.03	23.36	15.50	
7. Vridhachalam anicut system.	26,666	..	24.64	..	3,738	22,928	..	18.89	17.75	24.64	
8. Chembrambakkam tank.	44,243	..	5.79	..	21,854	22,389	..	5.14	3.00	5.79	
9. Marudur anicut system.	57,191	..	95.12	..	2,084	55,107	..	104.97	108.93	95.12	
10. Penner river canals system.	5,32,155	..	7.74	..	1,97,243	3,34,912	..	7.03	4.65	7.74	
11. Arankota channel ..	15,408	..	10.67	..	4,681	10,727	..	9.50	8.41	10.67	

* per cent in the case of works sanctioned for those sanctioned between 1921 and 6 per cent for those sanctioned after the last mentioned date.

MADRAS PRESIDENCY.

ADMINISTRATIVE ACCOUNTS
FOR THE YEAR 1935-1936.

tioned before 1st April 1919, 5 per cent after the last mentioned date.

Name of project.	NET REVENUE.		PERCENTAGE ON CAPITAL OUTLAY [COLUMN (11)].		Simple interest during 1935-36.	Net gain.	Net loss.	PERCENTAGE OF NET REVENUE [COLUMNS (20) AND (21) ON CAPITAL INVESTED COLUMN (13)].			Prescribed rate of interest as test of productivity.
	Surplus (+).	Deficit (-).	Gain.	Loss.				During 1933-34.	During 1934-35.	During 1935-36.	
(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	
12. Tirukoyilur anicut system.	46,755	..	11.71	..	13,303	33,452	..	13.16	15.32	11.71	
13. Shatiapote anicut system.	1,14,048	..	10.47	..	36,067	77,981	..	9.69	12.42	10.47	
14. Cheyyar anicut system.	56,723	..	10.54	..	18,919	37,804	..	5.97	4.17	10.54	
15. Cumbum tank ..	9,405	..	10.89	..	2,793	6,612	..	5.50	10.08	10.89	
16. Poney anicut system.	57,318	..	18.86	..	10,738	46,580	..	1.55	10.74	18.86	
17. Periyar system ..	6,36,776	..	5.88	..	3,60,724	2,86,052	..	6.04	5.77	5.88	
18. Kistna delta system ..	36,28,844	..	16.51	..	7,48,783	28,80,061	..	17.04	17.25	16.51	
19. Nandayar channel system.	11,312	..	17.21	..	2,128	9,184	..	4.50	— 1.25	17.21	
20. Ganjam minor river system.	1,070	..	0.37	..	9,574	..	8,504	4.12	1.39	0.37	
21. Lower Coleroon anicut system.	3,09,682	..	10.32	..	1,13,732	1,95,950	..	9.16	9.80	10.32	
22. Divi pumping system.	1,76,323	..	6.65	..	97,336	78,987	..	5.26	5.55	6.51	
23. Toludur reservoir project.	59,037	..	2.27	..	1,02,651	..	43,614	1.76	1.79	1.56	
24. Polavarani Island project.	1,10,628	..	6.61	..	80,275	30,353	..	4.58	5.99	6.49	
25. Cauvery-Mettur project.	7,37,716	..	1.12	..	32,04,520	..	24,66,804	0.09	0.72	0.86	
26. Kattalai scheme ..	58,384	..	1.51	..	1,82,705	..	1,23,821	0.71	0.91	1.19	
Total, A. Irrigation—(1) Productive.	1,13,15,325	..	7.44	..	61,90,189	51,25,136	..	6.21	6.72	6.50	
(2) Unproductive Works.											
1. Kurnool-Cuddapah canal.	1,55,031	..	0.66	..	7,82,416	..	6,27,385	0.31	0.33	0.25	
2. Barur tank ..	11,238	..	2.54	..	13,945	..	2,707	1.03	1.27	1.34	
3. Vallur anicut ..	2,853	..	3.74	..	2,646	..	207	2.59	— 0.64	2.94	
4. Madras Water-supply and Irrigation works.	45,611	..	2.44	..	55,491	..	9,850	0.81	1.11	0.98	
5. Pelandurai anicut system.	35,663	..	5.15	..	21,912	13,751	..	3.00	2.49	3.19	
6. Palur ..	1,80,303	..	7.31	..	78,501	1,01,802	..	0.32	1.23	6.22	
7. Rushikulya system ..	45,885	..	0.82	..	1,89,168	..	1,34,283	0.26	0.29	0.44	
8. Muniyeru system ..	37,119	..	6.17	..	19,037	18,082	..	3.24	3.37	4.17	
9. Dondapad tank ..	813	..	0.58	..	4,149	..	3,336	0.10	0.20	0.26	
10. Yerur tank ..	2,669	..	4.21	..	2,053	616	..	3.67	— 0.27	2.78	

No. 1.—General Abstract of Financial Results showing the estimated cost of construction of Productive and Unproductive Works, the Capital outlay thereon, the Revenue derived therefrom, the Working Expenses and the interest on the debt incurred in respect of those works for and to end of 1935-1936—*cont.*

Name of project.	NET REVENUE.		PERCENTAGE ON CAPITAL OUTLAY [COLUMN (11)].		Simple interest during 1935-36. (24)	Net gain. (25)	Net loss. (26)	PERCENTAGE OF NET REVENUE [COLUMNS (20) AND (21) ON CAPITAL INVESTED COLUMN (13)].				Prescribed rate of interest as test of productivity. (30)
	Surplus (+). (20)	Deficit (-). (21)	Gain. (22)	Loss. (23)				During 1933-34. (27)	During 1934-35. (28)	During 1935-36. (29)		
					RS.	RS.	RS.				RS.	
WORKS FOR WHICH BOTH CAPITAL AND REVENUE ACCOUNTS ARE KEPT— <i>cont.</i>												
A. Irrigation Works— <i>cont.</i>												
(2) Unproductive Works— <i>cont.</i>												
11. Segileru system ..	5,009	..	1.08	..	14,867	..	9,858	— 0.52	0.42	0.44	4 per cent in the case of works sanctioned for those sanctioned between and 6 per cent for those sanctioned	
12. Atmakur tank ..	1,307	..	1.04	..	3,755	..	2,448	0.85	— 0.77	0.61		
13. Jangamaheswarapuram tank.	280	..	0.39	..	2,038	..	1,758	0.41	0.36	0.22		
14. Anamasamudram-Bera-peru tank.	..	1,682	..	2.29	2,384	..	4,066	1.65	0.02	1.17		
15. Hajipuram tank ..	1,337	..	0.43	..	9,270	..	7,933	0.19	0.27	0.25		
16. Ponnalur tank ..	1,558	..	0.71	..	6,847	..	5,289	0.67	1.51	0.35		
17. Markapur tank ..	928	..	0.72	..	4,266	..	3,338	2.30	— 1.19	0.41		
18. Nagavalli river system.	60,812	..	3.49	..	57,361	3,451	..	2.97	3.32	2.89		
19. Venkatapuram tank ..	577	..	0.15	..	12,801	..	12,224	0.16	0.13	0.08		
20. Bhavanasi tank ..	1,609	..	0.61	..	9,682	..	8,073	— 0.23	— 0.67	0.35		
21. Yellanur tank ..	2,212	..	0.82	..	8,248	..	6,036	0.73	— 0.04	0.51		
22. Panipatti reservoir ..	..	213	..	0.06	12,147	..	12,360	0.23	— 0.04	0.04		
23. Siddapur tank ..	3,728	..	0.46	..	26,370	..	22,642	0.25	0.37	0.27		
24. Nagavaram aicut and supply channel.	989	..	0.90	..	3,568	..	2,579	0.63	1.05	0.59		

tioned before 1st April 1919, 5 per 1st April 1919 and 1st August 1921 after the last mentioned date.

25. Mopad reservoir system.	22,001	..	0.96	..	81,741	..	59,740	0.23	0.59	0.57	tioned before 1st April 1919, 5 per 1st April 1919 and 1st August 1921 after the last mentioned date.
26. Kanniyampalayam anicut.	2,478	..	2.23	..	4,838	..	2,360	0.07	0.70	1.13	
27. Thippayapalem project.	..	..	..	..	15,441	..	15,441	..	..	..	
28. Basavannah channel.	..	37,011	..	6.53	27,141	..	64,152	..	..	..	
Total, A. Irrigation—(2) Unproductive.	5,83,134	..	1.32	..	14,63,083	..	8,79,949	0.44	0.50	0.59	
Total, A. Irrigation Works.	1,18,98,459	..	6.07	..	76,53,272	42,45,187	..	4.07	4.45	4.37	
B. Navigation, Embankment and Drainage Works.											
(2) Unproductive.											
1. Ganjam-Gopalpur canal.	8	..	0.005	..	4,758	..	4,750	..	..	0.002	
2. Vedaraniyam canal.	..	10,837	..	7.94	4,412	..	15,249	— 2.72	— 3.64	— 1.30	
3. Buckingham canal ..	..	96,317	..	1.06	2,86,920	..	3,83,237	— 0.39	— 0.41	— 0.32	
Total, (2) Unproductive Works.	..	1,07,146	..	1.14	2,96,090	..	4,03,236	— 0.44	— 0.48	— 0.34	
Total, B. Navigation, etc., Works.	..	1,07,146	..	1.14	2,96,090	..	4,03,236	— 0.44	— 0.48	— 0.34	
Total, Construction of Irriga- tion, etc., Works.	1,17,91,313	..	5.74	..	79,49,362	38,41,951	..	3.59	3.93	3.88	

CAUVERY DELTA SYSTEM—Canal Project.

No. 2.—Capital Account for and to end of 1935-1936.

Heads of account.	DIRECT CHARGES.		Cost of construction as now estimated.
	During the year.	To end of the year.	
	RS.	RS.	RS.
I. Works—			
(1) Head works		20,40,615	20,40,615
(2) Main canals and branches	36,942	14,46,514	15,29,911
(3) Distributaries	10,982	2,77,126	2,89,859
(4) Drainage and protective works	2,045	16,06,413	16,14,302
(5) Special tools and plant		1,33,495	1,33,495
Old outlay		7,76,216	7,76,216
Total, Works	49,969	62,80,379	63,84,398
II. Establishment	20,513	13,49,578	13,67,088
III. Tools and plant	83	1,34,580	1,33,996
IV. Suspense		1	1
V. Less receipts on capital account		14,768	14,768
Net outlay in India and England	70,565	77,49,768	78,75,713

CAUVERY DELTA SYSTEM—Canal Project—cont.
No. 3.—Revenue Account for and to end of 1935-1936.

Receipts.	TOTAL.		Charges.	TOTAL.
	During the year. RS.	To end of the year. RS.		
I. DIRECT RECEIPTS—				
3. Sales of water	769	9,621	I. EXTENSIONS AND IMPROVEMENTS—	
5. Receipts from plantations ..	4,009	2,37,734	(1) Head works	5,712
6. Receipts from other canal pro- ducts	3,074	1,50,621	(2) Main canals and branches	48,631
8. Navigation	404	772	(3) Distributaries	11,681
9. Rents of buildings	808	24,519	(4) Drainage and protective works	44,592
10. Fines	..	291	(5) Special tools and plant	..
11. Miscellaneous	597	86,144	Add—Unclassifiable outlay	35,651
Recoveries of expenditure ..	944	4,938	Total	99,192
Deduct—Refunds	215	3,559	II. MAINTENANCE AND REPAIRS—	
Total Revenue realized in Public Works Department	10,390	5,11,081	(1) Head works	12,445
Irrigation Revenue realized in Civil Department	14,18,887	6,32,27,249	(2) Main canals and branches	4,55,955
			(3) Distributaries	44,330
			(4) Drainage and protective works	33,893
			(5) Special tools and plant	..
			Add—Unclassifiable outlay	1,800
			Total	36,27,372
			Total	1,67,75,099
			Total Extensions and Improvements and Maintenance and Repairs	1,96,39,809
			IV. ESTABLISHMENT	72,74,382
			V. TOOLS AND PLANT	2,82,570
			VI. REFUNDS OF REVENUE	2,13,685
			Deduct—Recoveries on Revenue account. Total, Direct charges	1,919
				..
				4,921
				2,71,24,874
II. INDIRECT RECEIPTS—				
Share of land revenue collected in the Civil Department	1,24,048	96,77,747	Share of collection charges in the Civil Department	77,126
			Indirect charges	7,640
			Total, Direct and indirect charges	10,14,148

CAUVERY DELTA SYSTEM—Canal Project—cont.
No. 3.—Revenue Accounts for and to end of 1935-36—cont.

Receipts.	TOTAL.		Charges.	To end of the year. RS.
	During the year. RS.	To end of the year. RS.		
Total, Public Works and Civil Departments, Revenue ..	15,53,320	7,94,16,077	* Deduct—Old maintenance charges saved to Government	1,39,03,297
			Net Total	1,81,81,864
			Balance, Net Revenue	5,52,84,213
Total, Receipts ..	15,53,320	7,94,16,077	Grand Total	7,34,16,077

* Direct—	RS.
Maintenance and Repairs	1,05,634
Establishment	43,362
Tools and Plant	173
Total, Direct	1,49,169
Indirect	1,056
Total, Direct and Indirect	1,50,225

CAUVERY DELTA SYSTEM—Canal Project—cont.

No. 4.—Interest Account for and to end of 1935-1936.

Amount.		Amount.	
RS.		RS.	
Total interest charges to end of 1934-1935	82,17,171	Net revenue realized to end of 1934-1935	5,45,94,816
* Total interest charges for the year 1935-1936	3,14,305	Net revenue realized during 1935-1936	6,89,397
Balance net revenue	4,67,52,737		
Total	5,62,84,213	Total	552,84,213

* Interest at 3·3252 per cent on the outlay to end of 1916-1917	1,37,539
Interest on the outlay of Rs. 35,78,239 from 1917-1918 to end of 1934-1935 plus half the outlay during 1935-1936 at 4·94 per cent	1,76,766
Total	3,14,305

No. 5.—Account of Indirect Charges for and to end of 1935-1936.

Particulars.	During the year.	To end of the year.
	RS.	RS.
Capital—		85,588
Capitalization of abatement of land revenues	..	1,47,934
Leave and pension allowances	..	27,751
Audit and accounts	500	
Total	500	2,61,273
Revenue—		30,280
Capitalization of abatement of land revenue	1,182	7,94,051
Leave and pension allowances	..	98,154
Audit and accounts	6,458	
Total	7,640	9,22,485
Grand Total	8,140	11,83,758

CAUVERY DELTA SYSTEM—Canal Project—cont.
No. 6.—Statement comparing Charges to date with Sanctioned Estimates.

Particulars.	CHARGES AGAINST CLOSED SANCTIONS.			CURRENT SANCTIONS.			Total charges to date against old and current sanctions.
	Expenditure against construction estimate.	Expenditure against open canal sanctions.	Total.	Charges to date.	Amount of sanctioned estimate.	Unspent balance of estimate.	
	RS.	RS.	RS.	RS.	RS.	RS.	RS.
<i>Direct Charges.</i>							
Works	13,07,547	48,32,007	61,39,554	1,40,825	2,44,844	1,04,019	62,80,379
Re-establishment ..	3,07,377	9,94,291	13,01,668	47,910	65,420	17,510	13,49,578
Tools and plant.	40,659	93,441	1,34,100	480	4,896	4,416	1,34,580
Suspense account.	..	—	—	..	..	..	—
	..	1	1	..	..	..	1
Total ..	16,55,583	59,19,738	75,75,321	1,89,215	3,15,160	1,25,945	77,64,536
<i>Less—Receipts on Capital account.</i>	1,985	12,783	14,768	..	..	..	14,768
Net Total ..	16,53,598	59,06,955	75,60,553	1,89,215	3,15,160	1,25,945	77,49,768
<i>Indirect Charges.</i>							
Capitalized abatement of land revenue ..	66,184	19,404	85,588	..	410	410	85,588
Leave and pension allowances	57,144	90,790	1,47,934	..	..	..	1,47,934
Audit and accounts ..	..	26,342	26,342	1,409	2,449	1,040	27,751
	..	1,36,536	2,59,864	1,409	2,859	1,450	2,61,273
Total ..	1,23,328	60,43,491	78,20,417	1,90,624	3,18,019	1,27,395	80,11,041
Grand Total ..	17,76,926						

The construction estimate of the project was closed on 31st March 1889 and the completion report approved in G.O. No. 536 I., dated 3rd July 1891.

SRIVAİKUNTAM ANICUT SYSTEM—Canal Project.

No. 2.—Capital Account for and to end of 1935–1936.

[Vide details on page 21 of the Administrative Accounts for 1934–35.]

SRIVAUKUNTAM ANICUT SYSTEM—Canal Project—cont.
No. 3.—Revenue Account for and to end of 1935-1936.

Receipts.	TOTAL.		Charges.	TOTAL.	
	During the year.	To end of the year.		During the year.	To end of the year.
	RS.	RS.		RS.	RS.
I. DIRECT RECEIPTS—			I. EXTENSIONS AND IMPROVEMENTS—		
Water-supply of towns ..	808	46,593	(1) Head works ..	64	58,619
Sales of water ..	3,304	3,304	(2) Main canals and branches ..	1,345	1,01,532
Receipts from plantations.	853	35,758	(3) Distributaries ..	8	31,456
Receipts from other canal produce ..	2,478	97,751	(4) Drainage and protective works.	1,363	2,54,823
Water power ..	..	171	(5) Special tools and plant ..	..	..
Rents of buildings ..	290	17,438	Total ..	2,780	4,46,480
Fines ..	..	50	II. MAINTENANCE AND REPAIRS—		
Navigation ..	13	15	(1) Head works ..	3,107	1,72,711
Miscellaneous ..	24	13,612	(2) Main canals and branches ..	29,584	12,35,924
Recoveries of expenditure.	242	336	(3) Distributaries ..	..	2,69,321
Deduct—Refunds ..	17	2,241	(4) Drainage and protective works.	41,210	7,69,813
			(5) Special tools and plant ..	..	12
			Add—Unclassifiable outlay ..	..	..
			Total ..	73,901	24,47,781
Total Revenue realized in Public Works Department ..	7,997	2,12,817	Total, Extensions and Improvements and Maintenance and Repairs ..	76,681	28,94,261
Irrigation Revenue realized in Civil Department ..	1,42,052	74,04,181	IV. ESTABLISHMENT ..	26,440	11,22,532
			V. TOOLS AND PLANT ..	— 126	10,022
Total, Direct Receipts ..	1,50,049	76,16,998	VI. REFUNDS OF REVENUE ..	..	660
			Deduct—Recoveries on Revenue account ..	..	55
			Share of collection charges in the Civil Department ..	1,02,995	40,27,420
				7,177	3,91,927

ADMINISTRATIVE ACCOUNTS
FOR THE YEAR 1935-1936.

II. INDIRECT EXPENDITURE—			Indirect charges ..	974	1,29,163
Share of land revenue collected in the Civil Department ..	1,490	1,03,119	Total, Direct and Indirect Charges ..	1,11,146	46,48,510
Total, Public Works and Civil Departments, Revenue ..	1,51,539	77,20,117	Deduct—* Old maintenance charges saved to Government ..	7,416	4,86,208
			Net Total ..	1,03,730	40,62,304
Total, Receipts ..	1,51,539	77,20,117	Balance, net revenue ..	47,809	36,57,813
			Grand Total ..	1,51,539	77,20,117
			* Direct—		
			Extensions and improvements ..	..	352
			Maintenance and repairs ..	..	5,208
			Establishment ..	..	1,809
			Tools and plant ..	..	— 9
			Total, Direct ..	7,380	
			Indirect ..	..	56
			Total, Direct and Indirect ..	7,416	

SRIVAİKUNTAM ANICUT SYSTEM—Canal Project—cont.

No. 4.—Interest Account for and to end of 1935–1936.

	Amount. RS.		Amount. RS.
Total interest charges to end of 1934–1935	34,09,017	Net revenue realized to end of 1934–1935	36,10,004
* Total interest charges for the year 1935–1936	56,490	Net revenue realized during 1935–1936	47,809
Balance, net revenue	1,92,306		
Total ..	36,57,813	Total ..	86,57,813
* Interest at 3·3252 per cent on the outlay to end of 1916–1917. Interest at 4·94 per cent on the outlay from 1917–1918 to end of 1934–1935 and half the outlay during 1935–1936, i.e., Rs. 64,640	53,297		
	3,193		
	56,490		

No. 5.—Account of Indirect Charges for and to end of 1935–1936.

Particulars.	During the year. RS.	To end of the year. RS.
Capital—		
Capitalization of abatement of land revenue	..	41,229
Leave and pension allowances	..	66,298
Audit and accounts	..	77
Total ..	..	1,07,604
Revenue—		
Capitalization of abatement of land revenue	207	5,366
Leave and pension allowances	..	1,05,014
Audit and accounts	767	18,783
Total ..	974	1,29,163
Grand Total ..	974	2,36,767

SRIVAİKUNTAM ANICUT SYSTEM—Canal Project—cont.

No. 6.—Statement comparing Charges to date with Sanctioned Estimates.

Particulars.	CHARGES AGAINST CLOSED SANCTIONS.			CURRENT SANCTIONS.			Total charges to date against old and current sanctions. RS.
	Expenditure against construction estimate.	Expenditure against open canal sanctions.	Total.	Charges to date.	Amount of sanctioned estimate.	Unspent balance of estimate.	
Direct Charges.							
Works	RS. 10,50,679	RS. 2,73,004	RS. 13,23,683	..	..	..	13,23,683
Establishment	2,90,193	43,160	3,33,353	..	..	..	3,33,353
Tools and plant	10,524	268	10,792	..	..	..	10,792
Suspense account	..	..	..	..	..	..	..
Total	13,51,396	3,16,432	16,67,828	..	..	..	16,67,828
Less—Receipts on Capital account	369	..	369	..	..	..	369
Net Total	13,51,027	3,16,432	16,67,459	..	..	..	16,67,459
Indirect Charges.							
Capitalized abatement of land revenue	40,408	821	41,229	..	..	..	41,229
Leave and pension allowances	60,259	6,039	66,298	..	..	..	66,298
Audit and accounts	..	77	77	..	..	..	77
Total	1,00,667	6,937	1,07,604	..	..	..	1,07,604
Grand Total	14,51,694	3,23,369	17,75,063	..	..	..	17,75,063

The construction estimate of the Project was closed on 31st March 1939 and the completion report approved in G.O. No. 802 I. dated 17th October 1939.

GODAVARI DELTA SYSTEM—Canal Project.

No. 2.—Capital Account for and to end of 1935–1936.

Heads of account.	DIRECT CHARGES.		Cost of construction as now estimated.
	During the year.	To end of the year.	
	RS.	RS.	RS.
I Works—			
(1) Head works	1,92,974	9,77,005	10,37,270
(2) Main canals and branches	16,515	29,83,170	30,24,199
(3) Distributaries	24,485	12,96,312	15,40,385
(4) Drainage and protective works	4,610	27,34,914	29,30,107
(6) Special tools and plant	194	1,10,224	99,902
Old outlay	..	42,98,072	42,99,072
Total, Works	2,38,390	1,24,06,697	1,29,30,935
II Establishment	67,456	32,15,721	32,06,515
III Tools and plant	1,804	9,56,229	9,76,320
IV Suspense	..	..	..
V Less receipts on capital account	..	7,858	7,858
Net outlay in India and England	3,07,650	1,65,70,789	1,71,05,912

GODAVARI DELTA SYSTEM—Canal Project—cont.
No. 3.—Revenue Account for and to end of 1935–1936.

Receipts.	TOTAL.		Charges.	TOTAL.	
	During the year.	To end of the year.		During the year.	To end of the year.
	RS.	RS.		RS.	RS.
I. DIRECT RECEIPTS—			I. EXTENSIONS AND IMPROVEMENTS—		
1. Water-rates	..	63	(1) Head works	208	1,86,029
3. Sale of water	2,468	53,717	(2) Main canals and branches	1,71,225	10,92,430
4. Water-supply of towns	1,584	32,085	(3) Distributaries	8,883	8,11,215
5. Receipts from plantations	7,832	4,93,548	(4) Drainage and protective works	4,532	2,44,400
6. Receipts from other canal produce	29,374	10,40,811	(5) Special tools and plant	..	87,862
8. Navigation receipts	1,90,076	64,54,904	Total	1,84,848	23,72,006
9. Rents of buildings	1,261	26,245	II. MAINTENANCE AND REPAIRS—		
10. Fines	11	6,121	(1) Head works	47,695	23,54,139
11. Miscellaneous	2,554	4,51,566	(2) Main canals and branches	3,96,668	1,12,85,313
Recoveries of expenditure	9,080	30,396	(3) Distributaries	1,31,814	48,47,198
Deduct—Refunds	2,249	13,849	(4) Drainage and protective works	1,42,712	33,18,545
			(5) Special tools and plant	..	4,01,516
			Add—Unclassifiable outlay	..	27,27,548
Total Revenue realized in Public Works Department	2,41,971	85,65,607	Total	7,13,889	2,43,34,229
Irrigation Revenue realized in Civil Department	48,32,164	20,20,15,083	Total, Extensions and Improvements and Maintenance and Repairs	9,03,737	2,72,06,235
			IV. ESTABLISHMENT	3,42,958	1,60,43,528
Total, Direct Receipts	50,74,135	21,05,80,690	V. TOOLS AND PLANT	6,845	28,18,944
II. INDIRECT RECEIPTS—			VI. REFUNDS OF REVENUE	..	19,950
Share of land revenue collected in the Civil Department	2,29,666	1,34,70,966	Deduct—Recoveries on Revenue account	..	33,735
			Total, Direct Charges	12,53,540	4,60,54,922
Total, Public Works and Civil Department—Revenue	53,03,801	22,40,51,656	Share of collection charges in the Civil Department	2,51,207	1,15,21,515
			Indirect charges	9,255	21,91,846
Total, Receipts	53,03,801	22,40,51,656	Total, Direct and Indirect Charges	15,14,002	5,97,78,283
			Balance, net revenue	37,89,799	16,42,78,373
			Grand Total	53,03,801	22,40,51,656

GODAVARI DELTA SYSTEM—Canal Project—cont.

No. 4.—Interest Account for and to end of 1935-1936.

	Amount.		Amount.
	RS.		RS.
Total interest charges to end of 1934-1935	3,12,02,480	Net revenue realized to end of 1934-1935	16,04,83,574
Total interest charges for the year 1935-1936—		Net revenue realized during 1935-1936	37,89,799
Interest at 3-3252 per cent on the outlay to end of 1916-1917. ..	4,31,886		
Interest at 4-94 per cent on the outlay from 1917-1918 to end of 1934-1935 plus half the outlay during 1935-1936, viz., Rs. 34,28,691. ..	1,69,376		
Balance, net revenue	13,24,69,631		
Total	16,42,73,373	Total	16,42,73,373

No. 5.—Account of Indirect Charges for and to end of 1935-1936.

Particulars.	During the year.	To end of the year.
	RS.	RS.
Capital—		
Capitalization of abatement of land revenue	504	15,30,076
Leave and pension allowances	..	5,08,757
Audit and accounts	2,384	21,517
Total	2,888	20,60,350
Revenue—		
Capitalization of abatement of land revenue	218	1,03,976
Leave and pension allowances	..	19,84,645
Audit and accounts	9,637	1,03,225
Total	9,255	21,91,846
Grand Total	12,143	42,52,196

GODAVARI DELTA SYSTEM—Canal Project—cont.
No. 6.—Statement comparing Charges to date with Sanctioned Estimates.

Particulars.	CHARGES AGAINST CLOSED SANCTIONS.			CURRENT SANCTIONS.			Total charges to date against old and current sanctions.		
	Expenditure against construction estimate.	RS.	RS.	Charges to date.	Amount of sanctioned estimate.	Unspent balance of estimate.	RS.	RS.	RS.
Direct Charges.									
Works Establishment	79,85,366	31,44,270	1,11,20,636	12,77,061	18,01,299	5,24,236	1,24,06,697	15,30,076	
Tools and plant	18,56,654	8,07,926	27,63,580	4,52,141	4,42,935	—	32,15,721	5,08,757	
Bursary account	..	..	9,45,162	11,067	31,158	..	9,56,229	21,517	
Total	1,08,10,842	40,27,536	1,48,38,378	17,40,269	22,75,392	5,35,123	1,65,78,647	20,60,350	
Less—Receipts on capital account	833	6,925	7,558	..	..	..	7,558	1,86,31,139	
Net Total	1,08,09,909	40,20,611	1,48,30,820	17,40,269	22,75,392	5,35,123	1,65,70,789		
Indirect Charges.									
Capitalized abatement of land revenue	14,95,991	34,085	15,30,076	..	4,502	4,502	15,30,076		
Leave and pension allowances	3,92,601	38,159	4,78,760	39,997	..	—	5,08,757		
Audit and accounts	..	8,747	8,747	12,770	8,271	4,499	21,517		
Total	18,88,592	1,28,991	20,17,583	42,767	12,773	—	20,60,350		
Grand Total	1,26,98,501	41,49,602	1,68,48,103	17,83,036	22,88,165	5,06,129	1,86,31,139		

The construction estimate of the Project was closed on 31st March 1890 and the completion report approved in G.O. No. 365 L. dated 23rd April 1891.

MEHAMATHUR ANICUT SYSTEM—*Canal Project.*
No. 2.—Capital Account for and to end of 1935–1936.

Heads of account.	DIRECT CHARGES.		Cost of construction as now estimated.
	During the year.	To end of the year.	
	RS.	RS.	RS.
I. Works—			
(1) Head works		56,967	56,967
(2) Main canals and branches	872	8,009	11,977
(3) Distributaries		563	563
Total, Works ..	872	65,539	69,507
II Establishment	359	16,366	17,322
III Tools and plant	2	19	114
Total outlay in India and England ..	1,233	81,924	86,943

MEHAMATHUR ANICUT SYSTEM—*Canal Project*—cont.
No. 3.—Revenue Account for and to end of 1935–1936.

Receipts.	TOTAL.		Charges.	TOTAL.	
	During the year.	To end of the year.		During the year.	To end of the year.
	RS.	RS.		RS.	RS.
DIRECT RECEIPTS—			I. EXTENSIONS AND IMPROVEMENTS—		
1. Receipts from plantations.	22	1,629	(1) Head works	235	2,988
6. Receipts from other canal produce	42	3,144	(2) Main canals and branches		15,053
9. Rents of buildings	3	123	(3) Distributaries		5,116
II. Miscellaneous	500	1,363	(4) Drainage and protective works		
Recoveries of expenditure		16	(5) Special tools and plant		9,521
Refunds		49	Add—Unclassifiable outlay		
Total Revenue realized in Public Works Department	567	6,226	Total	235	32,628
Irrigation revenue realized in Civil Department	22,302	8,54,810	II. MAINTENANCE AND REPAIRS—		
			(1) Head works	1,950	56,623
			(2) Main canals and branches	2,053	73,859
			(3) Distributaries	1,927	37,015
			(4) Drainage and protective works		862
			(5) Special tools and plant		45,826
			Add—Unclassifiable outlay		
			Total	5,930	2,14,185
Total Revenue realized in Public Works Department	22,869	8,61,036	Total, Extensions and Improvements and Maintenance and Repairs	6,165	2,46,813
			IV. ESTABLISHMENT	3,069	67,657
			V. TOOLS AND PLANT	10	629
			VI. REFUNDS OF REVENUE		4
			Defect—Recoveries on Revenue Account		9
Total, Direct Receipts ..	22,869	8,61,036	Total, Direct Charges ..	9,244	3,15,094

MEHAMATHUR ANICUT SYSTEM—Canal Project—cont.

No. 3.—Revenue Account for and to end of 1935-1936—cont.

Receipts.	TOTAL.		Charges.	
	During the year. RS.	To end of the year. RS.	During the year. RS.	To end of the year. RS.
1. INDIRECT RECEIPTS—				
Share of land revenue collected in the Civil Department	196	4,562	Share of collection charges in the Civil Department	1,121
.. .. .			Indirect charges	61
Total, Public Works and Civil Departments, Revenue ..	23,065	8,65,598	Total, Direct and Indirect Charges <i>Debit</i> —Old maintenance charges saved to Government (a)	10,426
			Net Total	905
Total, Receipts ..	23,065	8,65,598	Balance, net revenue	9,521
			Grand Total	13,544
				23,065
				8,65,598

	RS.
(a) Extensions and Improvements	126
Maintenance and Repairs	510
Establishment	262
Tools and Plant	1
Total, Direct Charges	899
Indirect Charges	6
Direct and Indirect	905

MEHAMATHUR ANICUT SYSTEM—Canal Project—cont.

No. 4.—Interest Account for and to end of 1935-1936.

	Amount. RS.		Amount. RS.
Total interest charges to end of 1934-1935	1,73,002	Net revenue realized to end of 1934-1935	5,16,404
Total interest charges for the year 1935-1936		Net revenue realized during 1935-1936	13,544
Interest at 3-3252 per cent on the outlay to end of 1916-1917.	2,353		
Interest at 4-94 per cent on the outlay of Rs. 10,547 from 1917-1918 to 1934-1935 plus half the outlay during 1935-1936.	521		
Balance, net revenue	3,54,072		
Total	5,29,948	Total	5,29,948

No. 5.—Account of Indirect Charges for and to end of 1935-1936.

Particulars.	During the year. RS.	To end of the year. RS.
CAPITAL—		
Capitalization of abatement of land revenue	..	45
Leave and pension allowances	..	1,958
Audit and accounts	9	68
Total	9	2,071
REVENUE—		
Capitalization of abatement of land revenue	..	354
Leave and pension allowances	..	6,986
Audit and accounts	61	607
Total	61	7,947
Grand Total	70	10,018

MEHAMATHUR ANICUT SYSTEM—Canal Project—cont.
No. 6.—Statement comparing Charges to date with Sanctioned Estimates.

Particulars.	CHARGES AGAINST CLOSED SANCTIONS.			CURRENT SANCTIONS.			Total charges to date against old and current sanctions.
	Expenditure against construction estimate.	Expenditure against open canal sanction.	Total.	Charges to date.	Amount of sanctioned estimate.	Unspent balance of estimate.	
	RS.	RS.	RS.	RS.	RS.	RS.	RS.
<i>Direct Charges.</i>							
Works ..	56,289	8,378	64,667	872	4,840	3,968	65,539
Establishment ..	12,946	3,061	16,007	359	1,315	956	16,366
Tools and plant ..	..	17	17	2	97	95	19
Suspense account ..	..	..	..	..	..	..	..
Total ..	69,235	11,456	80,691	1,233	6,252	5,019	81,924
<i>Less—Receipts on Capital Account ..</i>	..	..	..	..	..	..	..
Net Total ..	69,235	11,456	80,691	1,233	6,252	5,019	81,924
<i>Indirect Charges.</i>							
Capitalized abatement of land revenue ..	..	45	45	..	..	..	45
Leave and pension allowances ..	1,812	146	1,958	..	..	..	1,958
Audit and accounts ..	..	59	59	9	48	39	68
Total ..	1,812	250	2,062	9	48	39	2,071
Grand Total ..	71,047	11,706	82,753	1,242	6,300	5,058	83,995

The construction estimate of the Project was closed in March 1891.

THADAPALLE CHANNEL—Canal Project.

No. 2.—Capital Account for and to end of 1935-1936.

[Vide details on page 37 of the Administrative accounts on 1934-35.]

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1935-1936.

MADRAS PRESIDENCY.

INDIRECT RECEIPTS—		Share of collection charges in the Civil Department		Share of land revenue collected in the Civil Department	
2,929	1,96,856	..	..	..	..
74,117	29,65,455	Indirect Charges	..	..	..
		Total, Direct and Indirect Charges	..	..	..
		Deduct—Old maintenance charges saved to Government	..	..	..
		Balance, net revenue	..	..	..
74,117	29,65,455	Net Total	..	..	..
		Grand Total	..	..	..
Total, Receipts	..	* Direct—			
		Extensions and improvements	..	..	RS.
		Maintenance and repairs	..	..	3,569
		Establishment	..	..	..
		Tools and Plant	..	..	346
			..	..	14
		Total, Direct	..	..	4,429
		Indirect	..	..	35
		Total, Direct and Indirect	..	..	4,464

THADAPALLE CHANNEL—Canal Project—cont.

No. 4.—Interest Account for and to end of 1935-1936.

	Amount. RS.		Amount. RS.
Total interest charges to end of 1934-1935	3,37,199	Net revenue realized to end of 1934-1935	19,63,301
* Total interest charges for the year 1935-1936	5,558	Net revenue realized .. during 1935-1936	56,610
Balance, net revenue	18,77,154		
Total	20,19,911	Total	20,19,911
* Interest at 3·3252 per cent on the outlay to end of 1916-1917. Interest at 4·94 per cent on the outlay of Rs. 1,628 from 1917-1918 to end of 1934-1935 plus half the outlay during 1935-1936	5,478		
	80		
Total	5,558		

No. 5.—Account of Indirect Charges for and to end of 1935-1936.

Particulars.	During the year. RS.	To end of the year. RS.
CAPITAL—		
Capitalization of abatement of land revenue	..	6,915
Leave and pension allowances	..	4,135
Audit and accounts	..	13
Total	..	11,063
REVENUE—		
Capitalization of abatement of land revenue	4	94
Leave and pension allowances	..	18,518
Audit and accounts	141	2,339
Total	145	20,951
Grand Total	145	32,014

THADAPALLE CHANNEL—Canal Project—cont.

No. 6.—Statement comparing Charges to date with Sanctioned Estimates.

Particulars.	CHARGES AGAINST CLOSED SANCTIONS.			CURRENT SANCTIONS.			Total charges to date against old and current sanctions. RS.
	Expenditure against construction estimate.	Expenditure against open canal sanction.	Total.	Charges to date.	Amount of sanctioned estimate.	Unspent balance of estimate.	
<i>Direct Charges.</i>	RS.	RS.	RS.				
Works	70,897	65,634	1,36,531	..	..	..	1,36,531
Establishment	16,306	13,530	29,836	..	..	..	29,836
Tools and plant	..	16	16	..	..	..	16
Suspense account	..	..	..	..	..	..	..
Total	87,203	79,180	1,66,383	..	..	..	1,66,383
Less—Receipts on capital account.	..	..	..	..	..	..	..
Net Total	87,203	79,180	1,66,383	..	..	..	1,66,383
<i>Indirect Charges.</i>							
Capitalized abatement of Land Revenue	..	6,915	6,915	..	..	..	6,915
Leave and pension allowances	2,283	1,852	4,135	..	..	..	4,135
Audit and accounts	..	13	13	..	..	..	13
Total	2,283	8,780	11,063	..	..	..	11,063
Grand Total	89,486	87,960	1,77,446	..	..	..	1,77,446

The construction estimate of the Project was closed in 1893.

KALINGAROYAN CHANNEL—*Canal Project.*

No. 2.—Capital Account for and to end of 1935-1936.

[Vide details on page 42 of the Administrative Accounts
for 1934-35.]ADMINISTRATIVE ACCOUNTS
FOR THE YEAR 1935-1936.KALINGAROYAN CHANNEL—*Canal Project*—cont.

No. 3.—Revenue Account for and to end of 1935-1936.

Receipts.	TOTAL.		Charges.	TOTAL.	
	During the year. RS.	To end of the year. RS.		During the year. RS.	To end of the year. RS.
DIRECT RECEIPTS—					
5. Receipts from plantations.			I. EXTENSIONS AND IMPROVEMENTS—		
6. Receipts from other canal produce ..	1,644	19,567	(1) Headworks ..	..	3,540
9. Rents of buildings ..	..	11,199	(2) Main canals and branches ..	..	18,406
11. Miscellaneous ..	49	1,217	(3) Distributaries ..	..	280
Deduct—Refunds ..	83	40,901	(4) Drainage and protective works ..	..	..
	1	96	(5) Special tools and plant ..	..	11,569
			<i>Add—Unclassifiable outlay ..</i>	..	..
Total, Revenue realized in Public Works Department ..	1,775	72,788	Total ..	16	33,795
Irrigation revenue realized in Civil Department ..	44,088	19,00,508	II. MAINTENANCE AND REPAIRS—		
	45,858	19,73,296	(1) Head works ..	2,084	97,097
Total, Direct Receipts ..			(2) Main canals and branches ..	14,379	3,44,256
			(3) Distributaries ..	..	..
			(4) Drainage and protective works ..	..	..
			(5) Special tools and plant ..	..	50
			<i>Add—Unclassifiable outlay ..</i>	..	3,53,846
			Total ..	16,463	7,95,149
			Total, Extensions and Improvements and Maintenance and Repairs ..	16,447	8,23,944
			IV. ESTABLISHMENT ..	4,447	2,07,347
			V. TOOLS AND PLANT ..	67	3,124
			VI. REFUNDS OF REVENUE ..	..	243
			<i>Deduct—Recoveries on Revenue account ..</i>	..	9
			Total, Direct Charges ..	20,961	10,39,649

KALINGAROYAN CHANNEL—Canal Project—cont.
No. 3.—Revenue Account for and to end of 1935-1936—cont.

Receipt	TOTAL.		Charges.	TOTAL.	
	During the year.	To end of the year.		During the year.	To end of the year.
RS.	RS.	RS.		RS.	RS.
II. INDIRECT RECEIPTS—					
Share of land revenue collected in the Civil Department ..	483	25,552	Share of collection charges in the Civil Department ..	2,228	96,453
Total, Public Works and Civil Departments, Revenue ..	46,341	20,01,848	Indirect charges ..	165	25,588
Total Receipts ..	46,341	20,01,848	Total, Direct and Indirect Charges ..	23,354	11,61,690
			Deduct—Old maintenance charges saved to Government (a) ..	4,995	1,25,834
			Balance, net revenue ..	18,359	10,35,856
			Net Total ..	27,982	9,65,992
			Grand Total ..	46,341	20,01,848
				RS.	
			(a) Direct—		
			Extensions and improvements ..	3,992	
			Maintenance and repairs ..	..	
			Establishment ..	947	
			Tools and plant ..	16	
			Indirect ..	4,955	
			Total, Direct ..	40	
			Total, Direct and Indirect ..	4,995	

KALINGAROYAN CHANNEL—Canal Project—cont.

No. 4.—Interest Account for and to end of 1935-1936.

	Amount.		Amount.
	RS.		RS.
Total interest charges to end of 1934-1935 ..	2,67,280	Net revenue realized to end of 1934-1935 ..	9,98,010
*Total interest charges for the year 1935-1936 ..	5,852	Net revenue realized during 1935-1936 ..	27,982
Balance, net revenue ..	6,92,860		
Total ..	9,65,992	Total ..	9,65,992
*Interest at 3-3252 per cent on the outlay to end of 1916-1917 ..			
Interest at 4-94 per cent on the outlay of Rs. nil from 1917-1918 to end of 1934-1935 plus half the outlay during 1935-1936 ..	5,852		
Total ..	5,852		

No. 5.—Account of Indirect Charges for and to end of 1935-1936.

Particulars.	During the year.	To end of the year.
	RS.	RS.
CAPITAL—		
Leave and pension allowances ..	..	4,506
Total ..	..	4,506
REVENUE—		
Leave and pension allowances ..	..	23,737
Audit and accounts ..	165	1,851
Total ..	165	25,588
Grand Total ..	165	30,094

KALINGAROYAN CHANNEL—Canal Project—cont.

No. 6.—Statement comparing Charges to date with Sanctioned Estimates.

Particulars.	CHARGES AGAINST CLOSED SANCTIONS.			CURRENT SANCTIONS.			Total charges to date against old and current sanctions.
	Expenditure against construction estimate.	Expenditure against open canal sanction.	Total.	Charges to date.	Amount of sanctioned estimate.	Unspent balance of estimate.	
	RS.	RS.	RS.				RS.
<i>Direct Charges.</i>							
Works ..	43,775	1,00,014	1,43,789	..	..	..	1,43,789
Establishment ..	10,068	22,123	32,191	..	..	..	32,191
Tools and plant ..	..	..	..	..	..	..	..
Suspense account ..	..	..	..	..	..	..	..
Total ..	53,843	1,22,137	1,75,980	..	..	..	1,75,980
<i>Less—Receipts on Capital account ..</i>	..	..	..	..	..	..	..
Net Total ..	53,843	1,22,137	1,75,980	..	..	..	1,75,980
<i>Indirect Charges.</i>							
Capitalized abatement of land revenue ..	..	..	..	..	..	..	..
Leave and pension allowances ..	1,410	3,096	4,506	..	..	..	4,506
Total ..	1,410	3,096	4,506	..	..	..	4,506
Grand Total ..	55,253	1,25,233	1,80,486	..	..	..	1,80,486

The construction estimate of the Project was closed in 1893.

VRIDDHACHALAM ANICUT SYSTEM—Canal Project.

No. 2.—Capital Account for and to end of 1935-1936.

Heads of account.	DIRECT CHARGES.		Cost of construction as now estimated
	During the year.	To end of the year.	
	RS.	RS.	RS.
I. WORKS—			
(1) Headworks ..	..	58,094	58,094
(2) Main canals and branches ..	..	10,522	10,522
(3) Distributaries ..	1,336	14,340	14,340
Total works ..	1,336	82,956	82,956
II. ESTABLISHMENT ..	548	21,125	21,125
III. TOOLS AND PLANT ..	2	63	63
Total outlay in India and England ..	1,886	1,04,144	1,04,144

Receipts.		TOTAL.		Charges.		TOTAL.	
	During the year. RS.		To end of the year. RS.		During the year. RS.		To end of the year. RS.
DIRECT RECEIPTS—							
Sales of water	120		322	I. EXTENSIONS AND IMPROVEMENTS—			
5. Receipts from plantations.	180		5,567	(1) Headworks			
6. Receipts from other canal produce	9		3,307	(2) Main canals and branches			
8. Navigation receipts			1	(3) Distributaries	100		17,189
9. Rents of buildings			99	(4) Drainage and protective works			
10. Fines			5	(5) Special tools and plant			
11. Miscellaneous	1		2,061	Add—Unclassifiable outlay			1,968
Recoveries of expenditure.			36	Total	109		51,406
Deduct—Refunds			744				
Total, Revenue realized in Public Works Department	315		10,654	II. MAINTENANCE AND REPAIRS—			
Irrigation revenue realized in Civil Department	35,779		13,08,569	(1) Headworks	1,848		71,481
Total, Direct Receipts	36,094		13,19,223	(2) Main canals and branches	2,128		1,01,749
				(3) Distributaries	936		60,830
				(4) Drainage and protective works			1,089
				(5) Special tools and plant			53,862
				Add—Unclassifiable outlay			2,88,961
				Total	4,912		3,40,367
II. INDIRECT RECEIPTS—							
Share of land revenue collected in the Civil Department	339		23,565	Total, Extensions and Improvements and Maintenance and Repairs	5,021		95,754
Total, Public Works and Civil Departments, Revenue	36,433		13,42,788	IV. ESTABLISHMENT	2,883		1,088
Total, Receipts	36,433		13,42,788	V. TOOLS AND PLANT	8		
				VI. REFUNDS OF REVENUE			62
				Deduct—Recoveries on revenue account.			
				Total, Direct Charges	7,912		4,37,147
				Share of collection charges in the Civil Department	1,806		66,598
				Indirect charges	50		10,316
				Total, Direct and Indirect charges.	9,767		5,14,061
				Balance, net-revenue	26,666		8,28,727
				Grand Total	36,433		13,42,788

No. 4.—Interest Account for and to end of 1935-1936.

No. 5.—Account of Indirect Charges for and to end of 1935-1936.

Particulars.	During the year. RS.	To end the year. RS.
CAPITAL—		
Capitalization of abatement of land revenue ..	381	1,787
Leave and pension allowances	..	2,180
Audit and accounts	13	143
Total ..	<u>394</u>	<u>4,060</u>
REVENUE—		
Capitalization of abatement of land revenue ..	..	358
Leave and pension allowances	..	8,917
Audit and accounts	50	1,041
Total ..	<u>50</u>	<u>10,316</u>
Grand Total ..	<u>444</u>	<u>14,376</u>

VRIDDHACHALAM ANICUT SYSTEM—Canal Project—cont.

No. 6.—Statement comparing Charges to date with Sanctioned Estimates.

Particulars.	CHARGES AGAINST CLOSED SANCTIONS.		CURRENT SANCTIONS.			Total charges to date against old and current sanctions.
	Expenditure against construction estimate.	Expenditure against open canal sanctions.	Total.	Charges to date.	Amount of sanctioned estimate.	Unspent balance of estimate.
	RS.	RS.	RS.			RS.
<i>Direct Charges.</i>						
Works ..	39,405	43,551	82,956	..	..	82,956
Establishment ..	9,068	12,062	21,125	..	..	21,125
Tools and plant ..	..	63	63	..	..	63
Suspense account ..	..	..	..	..	..	..
Total ..	48,468	55,676	1,04,144	..	..	1,04,144
<i>Less—Receipts on Capital account ..</i>	..	..	..	..	..	..
Net Total ..	48,468	55,676	1,04,144	..	..	1,04,144
<i>Indirect Charges.</i>						
Capitalized abatement of land revenue ..	..	1,737	1,737	..	..	1,737
Leave and pension allowances ..	1,269	911	2,180	..	..	2,180
Audit and accounts ..	..	143	143	..	..	143
Total ..	1,269	2,791	4,060	..	..	4,060
Grand Total ..	49,737	58,467	1,08,204	..	..	1,08,204

The construction estimate of the project was closed on 31st March 1933.

CHEMBRAMBAKKAM TANK—*Tank Project.*

No. 2.—Capital Account for and to end of 1935-1936.

[Vide details on page 51 of the Administrative Accounts for 1934-35.]

CHEMBRAMBAKKAM TANK—Tank Project—cont.

No. 3.—Revenue Account for and to end of 1935-1936.

Receipts.	TOTAL.		Charges.	TOTAL.	
	During the year. RS.	To end of the year. RS.		During the year. RS.	To end of the year. RS.
I. DIRECT RECEIPTS—					
5. Receipts from plantations.	..	445	I. EXTENSIONS AND IMPROVEMENTS—		
6. Receipts from other canal produce	..	2,370	(1) Head works	..	4,670
9. Rents of buildings	52	1,321	(2) Main canals and branches	574	43,315
10. Fines	..	5	(3) Distributaries	..	4,448
Recoveries of expenditure.	3	25	(4) Drainage and protective works	..	..
11. Miscellaneous	50	11,608	(5) Special tools and plant	..	..
Deduct—Refunds	..	267	Total	574	52,433
Total, Revenue realized in Public Works Department	105	15,507	II. MAINTENANCE AND REPAIRS—		
12. Revenue realized in Irrigation Department	48,834	22,94,399	(1) Head works	..	37,198
Total, Direct Receipts	48,939	23,09,906	(2) Main canals and branches	7,241	4,26,139
III. INDIRECT RECEIPTS—			(3) Distributaries	..	16,325
Share of land revenue collected in the Civil Department	957	50,965	(4) Drainage and protective works	..	..
Total, Public Works and Civil Departments—Revenue	49,896	23,60,571	(5) Special tools and plant	..	..
			Add—Unclassifiable outlay	..	..
			Total	7,241	4,79,662
			Total, Extensions and Improvements and Maintenance and Repairs	7,815	5,32,095
			IV. ESTABLISHMENT	1,684	1,37,866
			V. TOOLS AND PLANT	9	2,560
			VI. REFUNDS OF REVENUE	..	45
			Deduct—Recoveries on revenue account	..	296
			Total, Direct Charges	9,508	6,72,270
			Share of collection charges in the Civil Department	2,490	1,25,122
			Indirect charges	78	19,951
			Total, Direct and Indirect Charges.	12,076	8,17,343

ADMINISTRATIVE ACCOUNTS
FOR THE YEAR 1935-1936.

4,55,829
3,61,514
19,99,057
23,60,571

6,423
5,653
44,243
49,896

Deduct—Old maintenance charges saved to Government (a)	6,423
Net Total	5,653
Balance, net revenue	44,243
Grand Total	49,896
Total Receipts	49,896
(a) Extensions and Improvements	23,60,571
Maintenance and repairs	..
Establishment	..
Tools and plant	..
Indirect charges	..
Total, Direct Charges	6,369
Total, Direct and Indirect	6,423

CHEMBRAMBAKKAM TANK—*Tank Project*—cont.

No. 4.—Interest Account for and to end of 1935-1936.

Particulars.	Amount. RS.	Particulars.	Amount. RS.
Total interest charges to end of 1934-1935	14,79,150	Net revenue realized to end of 1934-1935	19,54,814
* Total interest charges for the year 1935-1936	21,854	Net revenue realized during 1935-1936	44,243
Balance, net revenue	4,98,053		
Total ..	19,99,057	Total ..	19,99,057
* Interest at 3-3252 per cent on the outlay to end of 1916-1917. Interest at 4-94 per cent on the outlay of Rs. 12,097 from 1917-1918 to end of 1934-1935 plus half the outlay during 1935-1936	21,256		
	598		
Total ..	21,854		

No. 5.—Account of Indirect Charges for and to end of 1935-1936.

Particulars.	During the year. RS.	To end of the year. RS.
CAPITAL—		
Capitalization of abatement of land revenue ..	..	85,701
Leave and pension allowances	..	27,081
Audit and accounts	..	13
Total ..	..	1,12,795
REVENUE—		
Leave and pension allowances	..	18,491
Audit and accounts	78	1,460
Total ..	78	19,951
Grand Total ..	78	1,32,746

CHEMBRAMBAKKAM TANK—*Tank Project*—cont.

No. 6.—Statement comparing Charges to date with Sanctioned Estimates.

Particulars.	CHARGES AGAINST CLOSED SANCTIONS.			CURRENT SANCTIONS.			Total charges to date against old and current sanctions.
	Expenditure against construction estimate.	Expenditure against open canal sanction.	Total.	Charges to date.	Amount of sanctioned estimate.	Unspent balance of estimate.	
<i>Direct Charges.</i>	RS.	RS.	RS.				RS.
Works ..	4,91,801	22,454	5,14,255	..	..	..	5,14,255
Establishment ..	1,24,534	4,424	1,28,958	..	..	..	1,28,958
Tools and plant ..	8,204	45	8,249	..	..	..	8,249
Suspense account ..	..	..	..	..	..	..	..
Total ..	6,24,539	26,923	6,51,462	..	..	..	6,51,462
Less—Receipts on Capital Account.	114	..	114	..	..	..	114
Net Total ..	6,24,425	26,923	6,51,348	..	..	..	6,51,348
<i>Indirect Charges.</i>							
Capitalized abatement of land revenue ..	85,701	..	85,701	..	..	..	85,701
Leave and pension allowances ..	26,463	618	27,081	..	..	..	27,081
Audit and accounts ..	..	13	13	..	..	..	13
Total ..	1,12,164	631	1,12,795	..	..	..	1,12,795
Grand Total ..	7,36,589	27,554	7,64,143	..	..	..	7,64,143

The construction estimate of the project was closed on 31st March 1936.

MARUDUR ANICUT SYSTEM—Canal Project.

No. 2.—Capital Account for and to end of 1935-1936.

[Vide details on page 56 of the Administrative Accounts for 1934-35.]

MARUDUR ANICUT SYSTEM—Canal Project—cont.
No. 3.—Revenue Account for and to end of 1935-1936.

Receipts.	TOTAL.		Charges.	TOTAL.	
	During the year.	To end of the year.		During the year.	To end of the year.
	RS.	RS.		RS.	RS.
I. DIRECT RECEIPTS—			I. EXTENSIONS AND IMPROVEMENTS—		
3. Sales of water	8	16	(1) Head works	..	1,142
5. Receipts from plantations	79	9,128	(2) Main canals and branches	8,519	42,835
6. Receipts from other canal produce	832	34,949	(3) Distributaries	..	10,636
9. Rents of buildings	11	97	(4) Drainage and protective works	..	4,084
11. Miscellaneous	1,026	9,497	(5) Special tools and plant	..	..
Recoveries of expenditure	10	52	<i>Add</i> —Unclassifiable outlay	..	11,000
<i>Deduct</i> —Refunds	..	279	Total	8,519	69,707
Total revenue realized in Public Works Department	1,966	53,460	II. MAINTENANCE AND REPAIRS—		
Irrigation revenue realized in Civil Department	91,400	52,23,452	(1) Head works	285	72,399
Total, Direct Receipts.	93,366	52,76,912	(2) Main canals and branches	19,614	4,85,498
			(3) Distributaries	..	1,04,747
			(4) Drainage and protective works	131	54,082
			(5) Special tools and plant	..	..
			<i>Add</i> —Unclassifiable outlay	..	1,98,634
			Total	20,080	9,15,860
			Total, Extensions and Improvements and Maintenance and Repairs	28,549	9,85,567
			IV. ESTABLISHMENT	9,350	2,66,498
			V. TOOLS AND PLANT	— 47	915
			VI. REFUNDS OF REVENUE	..	146
			<i>Deduct</i> —Recoveries on Revenue account.. .. .	..	17
			Total, Direct Charges	37,852	12,53,108

MARUDUR ANICUT SYSTEM—Canal Project—cont.
No. 3.—Revenue Account for and to end of 1935-1936—cont.

Receipts.	TOTAL.		Charges.	TOTAL.	
	During the year. RS.	To end of the year. RS.		During the year. RS.	To end of the year. RS.
II. INDIRECT RECEIPTS—					
Share of land revenue collected in the Civil Department	279	15,262	Share of collection charges in the Civil Department	4,584	2,61,936
Total, Public Works and Civil Departments, Revenue ..	93,645	52,92,174	Indirect charges	285	27,441
			Total, Direct and Indirect Charges ..	42,721	15,42,485
			<i>Deduct—</i> Old maintenance charges saved to Government (a). ..	6,267	2,27,343
			Net Total ..	36,454	13,15,142
			Balance, Net revenue ..	57,191	39,77,032
Total, Receipts ..	93,645	52,92,174	Grand Total ..	93,645	52,92,174
			(a) Extensions and Improvements ..	RS. 200	
			Maintenance and Repairs ..	4,500	
			Establishment ..	1,528	
			Tools and Plant ..	— 8	
			Total, Direct Charges ..	6,220	
			Indirect Charges ..	47	
			Total, Direct and Indirect ..	6,267	

ADMINISTRATIVE ACCOUNTS
FOR THE YEAR 1935-1936.

MADRAS PRESIDENCY

MARUDUR ANICUT SYSTEM—Canal Project—cont.

No. 4.—Interest Account for and to end of 1935-1936.

	Amount. RS.		Amount. RS.
Total interest charges to end of 1934-1935	95,981	Net revenue realized to end of 1934-1935	39,19,841
* Total interest charges for the year 1935-1936	2,084	Net revenue realized during 1935-1936	57,191
Balance, Net revenue	38,78,967		
Total ..	39,77,032	Total ..	39,77,032
* Interest at 3.3252 per cent on the outlay to end of 1914-1917. Interest at 4.94 per cent on the outlay of Rs. 8,180 from 1917-1918 to end of 1934-1935 and half the outlay during 1935-1936	1,680		
	404		
Total ..	2,084		

No. 5.—Account of Indirect Charges for and to end of 1935-1936.

Particulars.	During the year. RS.	To end of the year. RS.
CAPITAL—		
Leave and pension allowances	..	1,336
Audit and accounts	..	65
Total ..	..	1,401
REVENUE—		
Capitalization of abatement of land revenue ..	..	697
Leave and pension allowances	..	22,118
Audit and accounts	285	4,631
Total ..	285	27,441
Grand Total ..	285	28,842

MARUDUR ANICUT SYSTEM—Canal Project—cont.

No. 6.—Statement comparing Charges to date with Sanctioned Estimates.

Particulars.	CHARGES AGAINST CLOSED SANCTIONS.			CURRENT SANCTIONS.			Total charges to date against old and current sanctions.
	Expenditure against construction estimate.	Expenditure against open canal sanction.	Total.	Charges to date.	Amount of sanctioned estimate.	Unspent balance of estimate.	
	RS.	RS.	RS.				RS.
<i>Direct Charges.</i>							
Works ..	32,590	15,335	47,925	..	..	..	47,925
Establishment ..	7,496	3,324	10,820	..	..	..	10,820
Tools and plant ..	..	— 24	— 24	..	..	..	— 24
Suspense account ..	..	..	..	..	..	..	..
Total ..	40,086	18,635	58,721	..	..	..	58,721
<i>Less—Receipts on Capital account ..</i>	..	..	..	..	..	..	..
Net Total ..	40,086	18,635	58,721	..	..	..	58,721
<i>Indirect Charges.</i>							
Capitalized abatement of land revenue ..	..	..	..	..	..	..	..
Leave and pension allowances ..	1,049	287	1,336	..	..	..	1,336
Audit and accounts ..	..	65	65	..	..	..	65
Total ..	1,049	352	1,401	..	..	..	1,401
Grand Total ..	41,135	18,987	60,122	..	..	..	60,122

The construction estimate of the Project was closed in 1893.

PENNAR RIVER CANALS SYSTEM—Canal Project.

No. 2.—Capital Account for and to end of 1935-1936.

Heads of account.	DIRECT CHARGES.		Cost of construction as now estimated.
	During the year.	To end of the year.	
	RS.	RS.	RS.
I. Works—			
(1) Head works	..	8,71,273	8,71,493
(2) Main canals and branches	3,831	16,10,116	16,14,944
Reservoirs	..	77,965	77,965
(3) Distributaries	2,707	13,03,499	13,06,809
(4) Drainage and Protective works	..	3,33,983	3,33,983
Unforeseen works	..	60	2,890
(6) Special tools and plant	..	..	..
Old outlay	..	5,26,117	5,26,117
Total Works ..	6,538	47,23,013	47,34,201
II. Establishment	2,562	9,93,304	9,95,234
III. Tools and plant	11	1,44,744	1,45,560
V. Less receipts on capital account	..	2,858	2,858
Net outlay in India and England ..	9,111	58,58,203	58,72,137

PENNAH RIVER CANALS SYSTEM—Canal Project—cont.
No. 3.—Revenue Account for and to end of 1935-1936.

Receipts.	TOTAL.		Charges.	TOTAL.	
	During the year. RS.	To end of the year. RS.		During the year. RS.	To end of the year. RS.
I. DIRECT RECEIPTS—					
5. Receipts from plantations.					
6. Receipts from other canal produce	227	2,399	I. EXTENSIONS AND IMPROVEMENTS—		
8. Navigation	1,176	1,00,426	(1) Head works	93	21,483
9. Rents of buildings	252	2,176	(2) Main canals and branches	239	1,35,260
10. Fines	475	16,933	(3) Distributaries	4,893	2,72,279
11. Miscellaneous	..	11	(4) Drainage and protective works	..	38,742
Recoveries of expenditure.	3	20,293	(5) Special tools and plant	..	— 207
Debit—			Add—Unclassifiable outlay	..	8,370
Refunds	398	4,342	Total	5,225	4,75,932
Total, Revenue realized in Public Works Department	488	5,832	II. MAINTENANCE AND REPAIRS—		
Irrigation revenue realized in Civil Department	2,043	1,40,748	(1) Head works	3,927	5,77,811
Total, Direct Receipts	5,85,308	2,33,99,807	(2) Main canals and branches	30,066	16,43,813
II. INDIRECT RECEIPTS—			(3) Distributaries	45,224	14,27,439
Share of land revenue collected in the Civil Department	5,87,351	2,95,40,555	(4) Drainage and protective works	7,118	1,59,297
Total, Public Works and Civil Departments, Revenue	71,945	28,73,461	(5) Special tools and plant	..	549
			Add—Unclassifiable outlay	..	23,236
			Total	86,335	38,32,145
			III. COMPENSATION	..	7,390
			Total, Extensions and Improvements and Maintenance and Repairs	91,560	43,15,467
			IV. ESTABLISHMENT	44,390	20,17,470
			V. TOOLS AND PLANT	150	37,620
			VI. REFUNDS OF REVENUE	..	1,907
			Total, Direct Charges	1,36,100	63,72,464
			Share of collection charges in the Civil Department	31,746	13,28,335
			Indirect charges	916	2,85,727
			Total, Direct and Indirect Charges.	1,68,762	79,86,526

ADMINISTRATIVE ACCOUNTS
FOR THE YEAR 1935-36.

Total, Receipts	6,59,296	2,64,14,016	Debit—Old maintenance charges saved to Government	41,621	24,84,944
*Direct—			Balance, Net revenue	1,27,141	55,01,582
Extensions and improvements	..	..	Grand Total	5,32,155	2,09,12,434
Maintenance and repairs	..	..		6,59,296	2,64,14,016
Establishment	..	..	RS.		
Tools and plant	..	..	3,909		
Indirect	..	..	25,744		
	..	..	11,622		
	..	..	49		
	..	..	Total, Direct	41,824	
	..	..	Total, Direct and Indirect.	297	
	..	..		41,621	

PENNAR RIVER CANALS SYSTEM—*Canal Project*—cont.

No. 4.—Interest Account for and to end of 1935-1936.

	Amount. RS.		Amount. RS.
Total interest charges to end of 1934-1935	1,07,69,934	Net revenue realized to end of 1934-1935	2,03,80,279
Total interest charges for the year 1935-1936	1,97,243 *	Net revenue realized .. during 1935-1936	5,32,155
Balance, net revenue	99,45,257		
Total ..	2,09,12,434	Total ..	2,09,12,434
* Interest at 3.3252 per cent on the outlay to end of 1916-1917. Interest at 4.94 per cent on the outlay of Rs. 1,60,904 from 1917-1918 to end of 1934-1935 + half the outlay during 1935-1936	1,89,295		
	7,948		
Total ..	1,97,243		

No. 5.—Account of Indirect Charges for and to end of 1935-1936.

Particulars.	During the year. RS.	To end of the year. RS.
CAPITAL—		
Capitalization of abatement of land revenue	..	8,56,767
Leave and pension allowances	..	1,57,657
Audit and accounts	65	1,026
Total ..	65	10,15,450
REVENUE—		
Capitalization of abatement of land revenue	..	32,940
Leave and pension allowances	..	2,36,951
Audit and accounts	916	15,836
Total ..	916	2,85,727
Grand Total ..	981	13,01,177

PENNAR RIVER CANALS SYSTEM—*Canal Project*—cont.
No. 6.—Statement comparing Charges to date with Sanctioned Estimates.

Particulars.	CHARGES AGAINST CLOSED SANCTIONS.			CURRENT SANCTIONS.			Total Charges to date against old and current sanctions.
	Expenditure against construction estimate.	Expenditure against open canal sanctions.	Total.	Charges to date.	Amount of sanctioned estimate.	Unspent balance of estimate.	
<i>Direct Charges.</i>	RS.	RS.	RS.	RS.	RS.	RS.	RS.
Works	37,49,097	9,39,744	46,88,841	34,172	45,360	11,188	47,23,013
Establishment	8,05,532	1,76,106	9,81,638	11,666	13,596	1,930	9,93,804
Tools and plant	1,42,971	1,682	1,44,653	91	907	816	1,44,744
Suspense account	..	..	..	..	..	..	..
Total	46,97,600	11,17,532	58,15,132	45,929	59,863	13,934	58,61,061
<i>Less—Receipts on Capital Account</i>	55	2,803	2,858	..	..	..	2,858
Net Total	46,97,545	11,14,729	58,12,274	45,929	59,863	13,934	58,58,203
<i>Indirect Charges.</i>							
Capitalized statement of land revenue	7,99,748	57,019	8,56,767	..	189	189	8,56,767
Leave and pension allowances	1,35,090	22,567	1,57,657	..	454	112	1,57,657
Audit and accounts	..	80,270	10,15,108	342	643	301	10,15,450
Total	9,34,838	11,94,999	68,27,382	46,271	60,506	14,235	68,73,653
Grand Total	56,32,383	11,94,999	68,27,382	46,271	60,506	14,235	68,73,653

The construction estimate of the Project was closed on 31st March 1894 and the completion report approved in G. Os. Nos. 763 I, dated 3rd October 1891 and 559 I, dated 22nd July 1898.

ARKENKOTA CHANNEL—Canal Project.

No. 2.—Capital Account for and to end of 1935–1936.

Vide details on page 67 of the Administrative Accounts for 1934–1935.

ADMINISTRATIVE ACCOUNTS
FOR THE YEAR 1935–1936.

MADRAS PRESIDENCY.

ARKENKOTA CHANNEL—Canal Project—cont.
No. 3.—Revenue Account for and to end of 1935–1936.

Receipts,	TOTAL.		Charges.		TOTAL.	
	During the year. RS.	To end of the year. RS.			During the year. RS.	To end of the year. RS.
I. DIRECT RECEIPTS—			I. EXTENSIONS AND IMPROVEMENTS—			
Plantations	244	2,932	(1) Head works	..	..	1,130
Receipts from other canal produce	..	..	(2) Main canals and branches	..	..	37,180
Fines	..	751	(3) Distributaries	..	..	882
Miscellaneous	24	1	(4) Drainage and protective works	..	..	..
			(5) Special tools and plant	..	..	11,475
			Add—Unclassifiable outlay	..	..	50,667
			Total	..	..	..
Total, Revenue realized in Public Works Department ..	268	9,308	II. MAINTENANCE AND REPAIRS—			
Irrigation Revenue realized in Civil Department	19,077	8,85,087	(1) Head works	..	..	4,366
			(2) Main canals and branches	..	3,381	1,74,808
			(3) Distributaries	..	..	2,514
			(4) Drainage and protective works	..	..	..
			(5) Special tools and plant	..	..	..
			Add—Unclassifiable outlay	..	..	1,73,223
			Total	3,381	..	3,54,911
Total, Direct Receipts ..	19,345	8,94,395	Total, Extensions and Improvements and Maintenance and Repairs	3,381	..	4,05,578
			IV. ESTABLISHMENT	1,079	..	1,00,135
			V. TOOLS AND PLANT	14	..	1,659
			VI. REFUNDS OF REVENUE	..	..	43
			Deduct—RECOVERIES ON REVENUE ACCOUNT.	..	..	5
			Total, Direct Charges	4,474	..	5,07,410

ARKENKOTA CHANNEL—Canal Project—cont.
No. 6.—Statement comparing Charges to date with Sanctioned Estimates.

Particulars.	CHARGES AGAINST CLOSED SANCTIONS.			CURRENT SANCTIONS.			Total charges to date against old and current sanctions.
	Expenditure against construction estimate.	Expenditure against open canal sanction.	Total.	Charges to date.	Amount of sanctioned estimate.	Unspent balance of estimate.	
	RS.	RS.	RS.				RS.
<i>Direct Charges.</i>							
Works ..	81,578	32,927	1,14,505	..	..	..	1,14,505
Establishment ..	18,760	7,504	26,264	..	..	..	26,264
Tools and plant ..	..	..	..	..	..	..	..
Suspense account ..	..	..	..	..	..	..	..
Total ..	1,00,338	40,431	1,40,769	..	..	..	1,40,769
<i>Less—Receipts on capital account ..</i>	..	..	..	..	..	..	..
Net Total ..	1,00,338	40,431	1,40,769	..	..	..	1,40,769
<i>Indirect Charges.</i>							
Capitalized abatement of land revenue ..	..	..	..	..	..	..	..
Leave and pension allowances ..	2,626	1,050	3,676	..	..	..	3,676
Total ..	2,626	1,050	3,676	..	..	..	3,676
Grand Total ..	1,02,964	41,481	1,44,445	..	..	..	1,44,445

The construction estimate of the Project was closed on 31st March 1894.

TIRUKKOYILUR ANICUT SYSTEM—Canal Project.

No. 2.—Capital Account for and to end of 1935-1936.

Vide details on page 72 of the Administrative Accounts for 1934-35.

TIRUKKOYILUR ANICUT SYSTEM—Canal Project—cont.

No. 3.—Revenue Account for and to end of 1935-1936.

Receipts.	TOTAL.		Charges.	TOTAL.	
	During the year. RS.	To end of the year. RS.		During the year. RS.	To end of the year. RS.
1. DIRECT RECEIPTS—					
3. Sales of water	39	756	I. EXTENSIONS AND IMPROVEMENTS—		
5. Receipts from plantations ..	892	40,351	(1) Head works	566	5,753
6. Receipts from other canal produce	166	7,007	(2) Main canals and branches ..	8,423	58,793
9. Rents of buildings	21	819	(3) Distributaries	..	58,773
Fines	..	2	(4) Drainage and protective works ..	..	20,015
Miscellaneous	..	902	(5) Special tools and plant	..	..
11. Recoveries of expenditure ..	..	121	Total ..	3,939	1,43,334
Deduct—Refunds	78	659	II. MAINTENANCE AND REPAIRS—		
Total, Revenue realized in Public Works Department.	1,040	49,299	(1) Head works	1,502	1,00,511
Irrigation Revenue realized in Civil Department	77,395	27,54,190	(2) Main canals and branches ..	5,911	3,26,170
Total, Direct Receipts	78,435	28,03,489	(3) Distributaries	14,173	2,48,936
			(4) Drainage and protective works ..	..	8,680
			(5) Special tools and plant	..	..
			Add—Unclassifiable outlay ..	..	1,95,063
II. INDIRECT RECEIPTS—			Total ..	21,586	8,79,360
Share of Land Revenue collected in the Civil Department.	3,369	2,08,434	Total, Extensions and Improvements and Maintenance and Repairs	25,575	10,22,694
Total, Public Works and Civil Departments, Revenue ..	81,804	30,11,973	IV. ESTABLISHMENT	12,151	3,16,234
			V. TOOLS AND PLANT	42	3,055
			VI. REFUNDS OF REVENUE	..	303
			Deduct—Recoveries on Revenue account	..	194
			Total, Direct Charges	37,768	13,42,092

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1935-1936.

4,038	1,48,133
256	35,619
42,062	15,25,374
7,013	1,59,857
35,049	13,66,017
46,755	16,45,956
81,804	30,11,973

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TIRUKKOYILUR ANICUT SYSTEM—Canal Project—cont.

No. 4.—Interest Account for and to end of 1935-1936.

	Amount.		Amount.
	RS.		RS.
Total interest charges to end of 1934-1935	7,06,239	Net revenue realized to end of 1934-1935	15,99,201
Total interest charges for the year 1935-1936	13,303	Net revenue realized .. during 1935-1936	46,755
Balance, net revenue	9,26,414		
Total	16,45,956	Total	16,45,956
* Interest at 3·3252 per cent on the outlay to end of 1916-1917. Interest at 4·94 per cent on the outlay of Rs. 22,429 from 1917-1918 to end of 1934-1935 plus half the outlay during 1935-1936	12,195		
	1,108		
Total	13,303		

No. 5.—Account of Indirect Charges for and to end of 1935-1936.

Particulars.	During the year.	To end of the year.
	RS.	RS.
CAPITAL—		
Capitalization of abatement of land revenue	..	105
Leave and pension allowances	..	9,731
Audit and accounts	..	165
Total	..	10,001
REVENUE—		
Capitalization of abatement of land revenue	..	427
Leave and pension allowances	..	32,094
Audit and accounts	256	3,128
Total	256	35,649
Grand Total	256	45,650

ADMINISTRATIVE ACCOUNTS
FOR THE YEAR 1935-36.

MADRAS PRESIDENCY.

TIRUKKOYILUR ANICUT SYSTEM—Canal Project—cont.
No. 6.—Statement comparing Charges to date with Sanctioned Estimates.

Particulars.	CHARGES AGAINST CLOSED SANCTIONS.			CURRENT SANCTIONS.			Total charges to date against old and current sanctions.
	Expenditure against construction estimate.	Expenditure against open canal sanction.	Total.	Charges to date.	Amount of sanctioned estimate.	Unspent balance of estimate.	
	RS.	RS.	RS.				RS.
<i>Direct Charges.</i>							
Work	2,01,591	1,16,784	3,18,375	..	..	..	3,18,375
Establishment	46,361	24,348	70,709	..	..	..	70,709
Tools and plant	..	105	105	..	..	..	105
Suspense account	..	..	..	..	..	..	..
Total	2,47,952	1,41,237	3,89,189	..	..	..	3,89,189
Less—Receipts on Capital Account	..	..	..	..	..	..	..
Net Total	2,47,952	1,41,237	3,89,189	..	..	..	3,89,189
<i>Indirect Charges.</i>							
Capitalized abatement of land revenue	28	77	105	..	..	..	105
Leave and pension allowances	6,490	3,241	9,731	..	..	..	9,731
Audit and accounts	..	165	165	..	..	..	165
Total	6,518	3,483	10,001	..	..	..	10,001
Grand Total	2,54,470	1,44,720	3,99,190	..	..	..	3,99,190

The construction estimate of the Project was closed on 31st March 1936.

SHATIATOPE ANICUT SYSTEM—*Canal Project.*

No. 2.—Capital Account for and to end of 1935–1936.

Heads of account.	DIRECT CHARGES.		Cost of construction as now estimated.
	During the year.	To end of the year.	
	RS.	RS.	RS.
I. WORKS—			
(1) Head works	..	2,36,391	2,36,391
(2) Main canals and branches	..	6,24,988	6,24,988
(3) Distributaries	..	37,335	37,335
(4) Drainage and Protective works	197	4,076	4,076
(6) Special tools and plant	..	..	..
Total works	197	9,02,790	9,02,790
II. ESTABLISHMENT	80	1,25,968	1,25,968
III. TOOLS AND PLANT	..	658	658
Total outlay in India and England	277	10,29,416	10,29,416

ADMINISTRATIVE ACCOUNTS
FOR THE YEAR 1935–1936.

MADRAS PRESIDENCY.

SHATIATOPE ANICUT SYSTEM—*Canal Project*—cont.
No. 3.—Revenue Account for and to end of 1935–1936.

Receipts.	TOTAL.		Charges.	TOTAL.	
	During the year.	To end of the year.		During the year.	To end of the year.
	RS.	RS.		RS.	RS.
I. DIRECT RECEIPTS—			I. EXTENSIONS AND IMPROVEMENTS—		
5. Receipts from plantations.	212	19,818	(1) Head works	159	9,482
6. Receipts from other canal produce	8	6,954	(2) Main canals and branches	865	54,309
9. Rents of buildings	162	2,935	(3) Distributaries	468	29,956
10. Fines	..	..	(4) Drainage and protective works	4	849
11. Miscellaneous	6	2,072	(5) Special tools and plant	..	..
Recoveries of expenditure	66	232	Add—Unclassifiable outlay	..	21,316
Deduct—Refunds	..	427	Total	1,496	1,15,912
Total, Revenue realized in Public Works Department	454	31,588	II. MAINTENANCE AND REPAIRS—		
Irrigation Revenue realized in Civil Department	1,42,678	61,02,645	(1) Head works	10,445	1,36,167
Total, Direct Receipts	1,43,132	61,34,233	(2) Main canals and branches	11,674	3,93,000
II. INDIRECT RECEIPTS—			(3) Distributaries	2,229	1,89,049
Share of land revenue collected in the Civil Department	17,031	13,32,563	(4) Drainage and protective works	21	2,955
			(5) Special tools and plant	..	..
			Add—Unclassifiable outlay	..	2,87,678
			Total	24,369	10,08,849
			Total, Extensions and Improvements and Maintenance and Repairs	25,865	11,24,761
			IV. ESTABLISHMENT	14,210	3,89,733
			V. TOOLS AND PLANT	42	3,601
			VI. REFUNDS OF REVENUE	..	249
			Deduct—Recoveries on Revenue account	..	359
			Total, Direct Charges	40,117	15,17,985
			Share of collection charges in the Civil Department	7,985	3,71,758
			Indirect charges	353	44,477

SHATIATOPE ANICUT SYSTEM—Canal Project—cont.

No. 3.—Revenue Account for and to end of 1935–1936—cont.

Receipts.	TOTAL.		Charges.		TOTAL.	
	During the year. RS.	To end of the year. RS.	During the year. RS.	To end of the year. RS.	During the year. RS.	To end of the year. RS.
Total, Public Works and Civil Departments, Revenue ..	1,60,163	74,66,796	Total, Direct and Indirect Charges ..	48,455	19,34,220	
			Deduct—Old maintenance charges saved to Government * ..	2,340	53,281	
			Net Total ..	46,115	18,80,939	
			Balance, net revenue ..	1,14,048	55,85,857	
Total, Receipts ..	1,60,163	74,66,796	Grand Total ..	1,60,163	74,66,796	
* Direct—						
Extensions and improvements ..	..	..	..	..	64	..
Maintenance and repairs ..	..	..	..	..	1,580	..
Establishment ..	..	..	..	..	676	..
Tools and plant ..	..	..	..	..	3	..
Indirect ..	..	..	Total, Direct ..	2,323	17	..
			Total, Direct and Indirect ..	2,340		

ADMINISTRATIVE ACCOUNTS
FOR THE YEAR 1935–1936.

MADRAS PRESIDENCY.

SHATIATOPE ANICUT SYSTEM—Canal Project—cont.

No. 4.—Interest Account for and to end of 1935–1936.

	Amount.		Amount.
	RS.		RS.
Total interest charges to end of 1934-1935	10,27,099	Net revenue realized to end of 1934-1935	54,71,809
* Total interest charges for the year 1935-1936	36,067	Net revenue realized .. during 1935-1936	1,14,048
Balance, net revenue	45,22,691		
Total ..	55,85,857	Total ..	55,85,857
* Interest at 3'3252 per cent on the outlay to end of 1916-1917.	30,434		
Interest at 4'94 per cent on the outlay of Rs. 1,14,033 from 1917-1918 to end of 1934-1935 plus half the outlay during 1935-1936	5,633		
Total ..	36,067		

No. 5.—Account of Indirect Charges for and to end of 1935–1936.

Particulars.	During the year. RS.	To end of the year. RS.
CAPITAL—		
Capitalized abatement of land revenue	..	44,016
Leave and pension allowances	..	14,732
Audit and accounts	2	923
Total ..	2	59,671
REVENUE—		
Capitalized abatement of land revenue	94	685
Leave and pension allowances	..	40,369
Audit and accounts	259	3,423
Total ..	353	44,477
Grand Total ..	355	1,04,148

SHATIAOPE ANICUT SYSTEM—Canal Project—cont.
No. 6.—Statement comparing Charges to date with Sanctioned Estimates.

Particulars.	CHARGES AGAINST CLOSED SANCTIONS.			CURRENT SANCTIONS.			Total charges to date against old and current sanctions.
	Expenditure against construction estimate.	Expenditure against open canal sanction.	Total.	Charges to date.	Amount of sanctioned estimate.	Unspent balance of estimate.	
	RS.	RS.	RS.				RS.
<i>Direct Charges.</i>							
Works ..	1,09,182	7,93,608	9,02,790	..	..	..	9,02,790
Establishment ..	24,702	1,01,266	1,25,968	..	..	..	1,25,968
Tools and plant ..	..	653	653	..	..	..	653
Suspense account ..	..	..	..	..	..	..	..
Total ..	1,33,884	8,95,532	10,29,416	..	..	..	10,29,416
<i>Less—Receipts on Capital account ..</i>	..	..	..	..	..	..	..
Net Total ..	1,33,884	8,95,532	10,29,416	..	..	..	10,29,416
<i>Indirect Charges.</i>							
Capitalized abatement of land revenue ..	..	44,016	44,016	..	..	..	44,016
Leave and pension allowances ..	3,457	11,275	14,732	..	..	..	14,732
Audit and accounts ..	..	923	923	..	..	..	923
Total ..	3,457	56,214	59,671	..	..	..	59,671
Grand Total ..	1,37,341	9,51,746	10,89,087	..	..	..	10,89,087

The construction estimate of the Project was closed on 31st March 1895.

CHEYYAR ANICUT SYSTEM—Canal Project.

No. 2.—Capital Account for and to end of 1935-1936.

Heads of account.	DIRECT CHARGES.		Cost of construction as now estimated.
	During the year.	To end of the year.	
	RS.	RS.	RS.
I. WORKS—			
(1) <i>Head Works</i> ..	..	56,860	56,860
(2) <i>Main Canals and Branches</i> ..	..	2,84,626	284,626
(3) <i>Distributaries</i> ..	1,412	77,271	79,299
(6) <i>Special Tools and Plant</i> ..	..	..	..
Total, Works ..	1,412	4,18,757	4,20,785
II. ESTABLISHMENT	335	1,03,552	1,04,201
III. TOOLS AND PLANT	6	736	799
V. LESS RECEIPTS ON CAPITAL ACCOUNT	..	50	50
Total outlay in India and Eng-land	1,753	5,22,995	525,735

Receipts.	TOTAL.	
	During the year. RS.	To end of the year. RS.
DIRECT RECEIPTS—		
5. Receipts from plantation ..	57	15,724
6. Receipts from other canal produce	37	11,484
9. Rents of buildings	216	3,736
11. Miscellaneous	850	11,270
Recoveries of expenditure ..	2	31
Deduct—Refunds	..	33
Total, Revenue realized to Public Works Department.	1,102	42,212
Irrigation Revenue realized in Civil Department	80,217	29,97,000
Total, Direct Receipts ..	81,379	30,39,212
CHARGES.		
I. EXTENSIONS AND IMPROVEMENTS—		
(1) Head works	..	12,303
(2) Main canals and branches ..	..	25,188
(3) Distributaries	268	1,09,266
(4) Drainage and protective works ..	..	1,919
(5) Special tools and plant	..	..
Add—Unclassifiable outlay	..	39,441
Total	268	1,88,117
II. MAINTENANCE AND REPAIRS—		
(1) Head works	1,762	68,739
(2) Main canals and branches ..	4,174	2,02,051
(3) Distributaries	16,437	9,05,339
(4) Drainage and protective works ..	..	13,489
(5) Special tools and plant	..	..
Add—Unclassifiable outlay	..	2,78,001
Total	22,373	14,67,619
Total, Extensions and Improvements and Maintenance and Repairs	22,641	16,55,736
IV. ESTABLISHMENT	6,267	4,57,462
V. TOOLS AND PLANT	92	7,863
VI. REFUNDS OF REVENUE	..	832
Deduct—Recoveries on Revenue account.	..	9
Total, Direct Charges ..	29,000	21,21,884

I. INDIRECT RECEIPTS--					
Share of land revenue collected in the Civil Department.	4,785	2,59,863		Share of collection charges in the Civil Department	4,176
Total, Public Works and Civil Departments, Revenue ..	<u>86,114</u>	<u>32,99,065</u>		Indirect charges	226
				Total Direct and Indirect Charges .. <i>* Deduct—Old maintenance charges saved to Government</i>	<u>33,402</u> <u>4,011</u>
				Net Total	<u>29,391</u>
				Balance, net revenue	<u>56,723</u>
Total, Receipts ..	<u>86,114</u>	<u>32,99,065</u>		Grand Total	<u>86,114</u>
* Direct—					
Extensions and Improvements				B.S.	
Maintenance and repairs				" "	2,568
Etablissement				" "	640
Tools and plant				" "	760
				" "	13
Indirect				Total, Direct	3,979
				" "	32
				Total, Direct and Indirect	4,011

IRRIGATION BRANCH.

172

PUBLIC WORKS DEPARTMENT.

CHEYYAR ANICUT SYSTEM—Canal Project—cont.

No. 4.—Interest Account for and to end of 1935–1936.

Particulars.	Amount. RS.	Particulars.	Amount. RS.
Total interest charges to end of 1934–1935	9,31,583	Net revenue realized to end of 1934–1935	10,07,623
*Total interest charges for the year 1935–1936	18,919	Net revenue realized .. during 1935–1936	56,723
Balance, net revenue	1,13,839		
Total	10,64,346	Total	10,64,346
*Interest at 3·3252 per cent on the outlay to end of 1916–1917	14,156		
Interest at 4·94 per cent on the outlay of Rs. 96,413 from 1917–1918 to end of 1934–1935 plus half the outlay during 1935–1936	4,763		
Total	18,919		

No. 5.—Account of Indirect Charges for and to end of 1935–1936.

Particulars.	During the year. RS.	To end of the year. RS.
CAPITAL—		
Capitalization of abatement of land revenue	..	744
Leave and pension allowances	..	13,948
Audit and accounts	14	495
Total	14	15,187
REVENUE—		
Leave and pension allowances	..	45,944
Audit and accounts	226	6,685
Total	226	52,629
Grand Total	240	67,816

173

ADMINISTRATIVE ACCOUNTS
FOR THE YEAR 1935–1936.

MADRAS PRESIDENCY.

CHEYYAR ANICUT SYSTEM—Canal Project—cont.

No. 6.—Statement comparing Charges to date with Sanctioned Estimates.

Particulars.	CHARGES AGAINST CLOSED SANCTIONS.			CURRENT SANCTIONS.			Total charges to date against old and current sanctions.
	Expenditure against construction estimate.	Expenditure against open canal sanctions.	Total.	Charges to date.	Amount of sanctioned estimate.	Unspent balance of estimate.	
<i>Direct charges.</i>	RS.	RS.	RS.	RS.	RS.	RS.	RS.
Works	3,20,365	96,480	4,17,845	1,412	3,440	2,028	4,18,757
Establishment	73,542	29,675	1,03,217	335	984	649	1,03,552
Tools and plant	..	730	730	6	69	63	736
Suspense account	..	..	..	..	..	..	..
Total	3,94,407	1,26,885	5,21,292	1,753	4,493	2,740	5,23,045
Less—Receipts on capital account	..	50	50	..	..	..	50
Net total	3,94,407	1,26,835	5,21,242	1,753	4,493	2,740	5,22,995
<i>Indirect charges.</i>							
Capitalized abatement of land revenue	744	..	744	..	..	..	744
Leave and pension allowances	10,296	3,652	13,948	..	..	..	13,948
Audit and accounts	..	491	491	14	34	20	495
Total	11,040	4,133	15,173	14	34	20	15,187
Grand Total	4,05,447	1,30,968	5,36,415	1,767	4,527	2,760	5,38,182

The construction estimate of the Project was closed on 31st March 1936.

CUMBUM TANK—*Tank Project.*

No. 2.—Capital Account for and to end of 1935-1936.

[For details on page 87 of the Administrative Accounts for 1934-35.]

CUMBUM TANK—*Tank Project—cont.*

No. 3.—Revenue Accounts for and to end of 1935-1936.

Receipts.	TOTAL.		Charges.	TOTAL.	
	During the year. RS.	To end of the year. RS.		During the year. RS.	To end of the year. RS.
I DIRECT RECEIPTS—			I. EXTENSIONS AND IMPROVEMENTS—		
6. Other canal produce ..	..	111	(1) Head works ..	..	418
11. Miscellaneous ..	..	11	(2) Main canals and branches ..	..	3,621
Total, Revenue realized in Public Works Department ..	..	122	(3) Distributaries ..	145	6,397
Irrigation Revenue realized in Civil Department ..	9,838	2,77,938	(4) Drainage and protective works ..	..	..
			(5) Special tools and plant ..	..	7,186
			Add—Unclassifiable outlay ..	..	17,622
			Total ..	145	8,13
			II. MAINTENANCE AND REPAIRS—		
			(1) Head works ..	89	31,911
			(2) Main canals and branches ..	6	32,044
			(3) Distributaries ..	791	1,047
			(4) Drainage and protective works ..	..	..
			(5) Special tools and plant ..	..	24,128
			Add—Unclassifiable outlay ..	..	97,262
			Total ..	886	1,14,894
Total, Direct Receipts ..	9,838	2,78,060	Total, Extensions and Improvements and Maintenance and Repairs ..	1,031	..

CUMBUM TANK—Tank Project—cont.
No. 3.—Revenue Accounts for and to end of 1935-1936—cont.

Receipts.	TOTAL.		Charges.	TOTAL.	
	During the year. RS.	To end of the year. RS.		During the year. RS.	To end of the year. RS.
II. INDIRECT RECEIPTS—					
Share of land revenue collected in the Civil Department ..	461	27,855	IV. ESTABLISHMENT	284	33,419
Total, Public Works and Civil Departments—Revenue ..	10,299	3,05,915	V. TOOLS AND PLANT	1	890
			VI. REFUNDS OF REVENUE	..	..
			Total, Direct charges	1,316	1,49,193
			Share of collection charges in the Civil Department	515	15,290
			Indirect charges	10	6,987
			Total, Direct and Indirect charges	1,841	1,71,470
			(a) <i>Deduct</i> —Old maintenance charges saved to Government	947	38,730
			Balance, net revenue	894	1,82,740
Total, Receipts ..	10,299	3,05,915	Net Total	9,405	1,73,175
			Grand Total	10,299	3,05,915
(a) Extensions and improvements	..	..	..	..	RS.
Maintenance and repairs ..	..	..	..	..	..
Establishment	..	..	..	..	793
Tools and plant	..	..	..	..	145
Indirect charges	..	..	..	..	1
	..	..	Total, Direct charges ..	..	939
	..	..	Total, Direct and Indirect charges ..	..	8
	..	..		..	947

CUMBUM TANK—Tank Project—cont.**No. 4.—Interest Account for and to end of 1935-1936.**

	Amount.		Amount.
	RS.		RS.
Total interest charges to end of 1934-1935	1,38,354	Net revenue realized to end of 1934-1935	1,03,770
Total interest charges for the year 1935-1936	2,793	Net revenue realized during 1935-1936	9,405
Balance, net revenue	32,028		
Total	1,73,175	Total	1,73,175
*Interest at 3·3252 per cent on the outlay to end of 1916-1917	2,793		
Interest at 4·94 per cent on the outlay of Rs. nil from 1917-1918 to end of 1934-1935 plus half the outlay during 1935-1936	..		
Total	2,793		

No. 5.—Account of Indirect Charges for and to end of 1935-1936.

Particulars.	During the year. RS.	To end of the year. RS.
CAPITAL—		
Capitalization of abatement of land revenue ..	..	206
Leave and pension allowances	..	2,182
Total	..	2,388
REVENUE—		
Capitalization of abatement of land revenue ..	..	2,801
Leave and pension allowances	..	3,909
Audit and account	10	277
Total	10	6,987
Grand Total	10	9,375

CUMBUM TANK—Tank Project—cont.
No. 6.—Statement comparing Charges to date with Sanctioned Estimates.

Particulars.	CHARGES AGAINST CLOSED SANCTIONS.		CURRENT SANCTIONS.			Total charges to date against old and current sanctions.
	Expenditure against construction estimate.	Expenditure against open canal sanction.	Total.	Charges to date.	Amount of sanctioned estimate.	
	RS.	RS.	RS.			RS.
<i>Direct Charges.</i>						
Works ..	37,314	31,387	68,701	..	..	68,701
Establishment ..	8,495	6,789	15,284	..	..	15,284
Tools and plant ..	..	..	..	..	..	..
Suspense account ..	..	..	..	..	..	..
Total ..	45,809	38,176	83,985	..	..	83,985
<i>Less—Receipts on Capital Account ..</i>	<i>..</i>	<i>..</i>	<i>..</i>	<i>..</i>	<i>..</i>	<i>..</i>
Net Total ..	45,809	38,176	83,985	..	..	83,985
<i>Indirect Charges.</i>						
Capitalized abatement of land revenue ..	..	206	206	..	..	206
Leave and pension allowances ..	1,232	950	2,182	..	..	2,182
Total ..	1,232	1,156	2,388	..	..	2,388
Grand Total ..	47,041	39,332	86,373	..	..	86,373

The construction estimate of the Project was closed on 31st March 1896.

POINNEY ANICUT SYSTEM—Canal Project.

No. 2.—Capital Account for and to end of 1935-1936.

[Vide details on page 92 of the Administrative Accounts for 1934-35].

POINEY ANICUT SYSTEM—Canal Project—cont.

No. 4.—Interest Account for and to end of 1935-1936.

Amount.	Amount.
RS.	RS.
Total interest charges to end of 1934-1935	6,08,532
* Total interest charges for the year 1935-1936	10,738
Balance, net revenue	13,90,059
Total	20,09,329
	Rs.
Net revenue realized to end of 1934-1935	19,52,011
Net revenue during 1935-1936	57,318
Total	20,09,329
	Rs.
* Interest at 3.3252 per cent on the outlay to end of 1916-1917	7,009
Interest at 4.94 per cent on the outlay of Rs. 57,247 from 1917-1918 to end of 1934-1935 plus half the outlay during 1935-1936	2,829
Total	10,738

No. 5.—Account of Indirect Charges for and to end of 1935-1936.

Particulars.	During the year.	To end of the year.
	RS.	RS.
CAPITAL—		
Capitalization of abatement of land revenue	..	165
Leave and pension allowances	..	8,480
Audit and accounts	..	167
Total	..	8,812
REVENUE—		
Capitalization of abatement of land revenue	..	403
Leave and pension allowances	..	33,141
Audit and accounts	195	3,282
Total	195	36,826
Grand Total	195	45,638

POINEY ANICUT SYSTEM—Canal Project—cont.
No. 6.—Statement comparing Charges to date with Sanctioned Estimates.

Particulars.	CHARGES AGAINST CLOSED SANCTIONS.			CURRENT SANCTIONS.			Total charges to date against old and current sanctions.
	Expenditure against construction estimate.	Expenditure against open canal sanction.	Total.	Charges to date.	Amount of sanctioned estimate.	Unspent balance of estimate.	
	RS.	RS.	RS.				RS.
Direct Charges.							
Works	1,83,435	50,828	2,34,263	..	..	..	2,34,263
Establishment	42,189	18,887	60,576	..	..	..	60,576
Tools and plant	..	267	267	..	..	..	267
Suspense account	..	..	..	..	..	..	..
Total	2,25,624	69,482	2,95,106	..	..	..	2,95,106
Less—Receipts on Capital account	..	..	..	..	..	..	..
Net Total	2,25,624	69,482	2,95,106	..	..	..	2,95,106
Indirect Charges.							
Capitalized abatement of land revenue	165	..	165	..	..	..	165
Leave and pension allowances	5,907	2,573	8,480	..	..	..	8,480
Audit and accounts	..	167	167	..	..	..	167
Total	6,072	2,740	8,812	..	..	..	8,812
Grand Total	2,31,696	72,222	3,03,918	..	..	..	3,03,918

The construction estimate of the project was closed in 1897.

PERIYAR SYSTEM—*Tank Project.*

No. 2.—Capital Account for and to end of 1935–1936.

[Vide details on pages 97 and 98 of the Administrative Accounts for 1934–35.]

ADMINISTRATIVE ACCOUNTS
FOR THE YEAR 1935–1936.

PERIYAR SYSTEM—*Tank Project*—cont.
No. 3.—Revenue Account for and to end of 1935–1936.

Receipts.	TOTAL.		Charges.	TOTAL.	
	During the year. RS.	To end of the year. RS.		During the year. RS.	To end of the year. RS.
DIRECT RECEIPTS—					
3. Sales of water	3	453	I. EXTENSIONS AND IMPROVEMENTS—		
4. Water-supply of towns ..	..	4,373	(1) Head works	106	5,99,322
5. Receipts from plantations.	2,085	82,384	(2) Main canals and branches ..	11,695	1,03,794
6. Receipts from other canal produce	3,432	2,26,367	(3) Distributaries	12,212	3,06,990
8. Receipts from navigation.	365	18,677	(4) Drainage and protective works ..	..	16,984
9. Rents of buildings ..	1,423	30,184	(5) Special tools and plant	..	83
10. Fines	1	841	Total	23,901	11,27,173
11. Miscellaneous	90	60,985	II. MAINTENANCE AND REPAIRS—		
Recoveries of expenditure.	35	3,264	(1) Head works	13,899	5,16,478
<i>Deduct—Refunds</i>	<i>42</i>	<i>40,748</i>	(2) Main canals and branches ..	43,045	10,42,426
Total, Revenue realized in the Public Works Department ..	7,392	3,86,780	(3) Distributaries	28,349	10,11,292
			(4) Drainage and protective works ..	..	85,383
			(5) Special tools and plant	..	15,102
			Total	85,293	26,70,681
			III. COMPENSATION	42,965	16,91,628
			Total, Extensions and Improvements and Maintenance and Repairs	1,52,059	54,89,482
			IV. ESTABLISHMENT	58,557	20,78,279
			V. TOOLS AND PLANT	249	86,412
			VI. REFUNDS OF REVENUE	..	2,619
Irrigation revenue realized in Civil Department	7,50,709	2,34,93,687	<i>Deduct—Recoveries or Revenue account..</i>	<i>..</i>	<i>94</i>
Total, Direct Receipts ..	7,58,101	2,38,80,487	Total, Direct Charges	2,10,367	76,56,698

PERIYAR SYSTEM—Tank Project—cont.

No. 6.—Statement comparing Charges to date with Sanctioned Estimates.

Particulars.	CHARGES AGAINST CLOSED SANCTIONS.		CURRENT SANCTIONS.		Total charges to date against old and current sanctions.
	Expenditure against construction estimate.	Expenditure against open canal sanction.	Charges to date.	Amount of sanctioned estimate.	
	RS.	RS.			RS.
<i>Direct Charges.</i>					
Works	60,69,752	19,58,551	..	..	80,28,303
Establishment ..	13,46,177	3,44,561	..	..	16,90,738
Tools and plant ..	7,23,291	38,606	..	..	7,66,897
Suspense account ..	..	..	..	..	..
Total ..	81,44,220	23,41,718	..	..	1,04,85,938
Less—Receipts on Capital Account ..	14,203	7,108	..	..	21,311
Net Total ..	81,30,017	23,34,610	..	..	1,04,64,627
<i>Indirect Charges.</i>					
Capitalized abatement of land revenue ..	34,661	1,01,807	..	..	1,36,468
Leave and pension allowances ..	1,38,466	44,930	..	..	2,33,396
Audit and accounts ..	..	1,163	..	..	1,163
Total ..	2,23,127	1,47,900	..	..	3,71,027
Grand Total ..	83,53,144	24,82,510	..	..	1,08,35,654

The construction estimate of the project was closed on 31st March 1937 and the completion report approved in G.O. No. 863 I, dated 8th September 1937.

ADMINISTRATIVE ACCOUNTS
FOR THE YEAR 1935-1936.

KISTNA DELTA SYSTEM—Canal Project.

No. 2.—Capital Account for and to end of 1935-1936.

Heads of account.	DIRECT CHARGES.		Cost of construction as now estimated.
	During the year.	To end of the year.	
	RS.	RS.	RS.
I. WORKS—			
(1) Head works	..	11,96,507	11,96,507
(2) Main canals .. and branches	6,46,666	58,83,817	66,15,862
(3) Distributaries	4,12,238	29,71,369	37,21,812
(4) Drainage and protective works	54,860	32,72,789	34,69,061
(5) Water courses	42,937	44,835	3,14,074
(6) Special tools and plant. Old outlay	..	30,81,755	30,81,755
Total, Works	11,56,701	1,63,51,122	1,83,99,071
II. ESTABLISHMENT	1,56,330	37,46,079	39,89,216
III. TOOLS AND PLANT	648	7,29,214	8,00,421
IV. SUSPENSE	359	— 206	..
V. Less—RECEIPTS ON CAPITAL ACCOUNT	1,889	25,656	25,656
Net outlay in India and England.	13,12,149	2,08,00,553	2,31,63,052

KISTNA DELTA SYSTEM—Canal Project—cont.
No. 3.—Revenue Account for and to end of 1935-1936.

Receipts.	TOTAL.		Charges.	TOTAL.	
	During the year. RS.	To end of the year. RS.		During the year. RS.	To end of the year. RS.
I. DIRECT RECEIPTS—			I. EXTENSIONS AND IMPROVEMENTS—		
3. Sales of water	3,686	51,004	(1) Head works	14,539	1,75,224
4. Water-supply of towns ..	1,705	87,487	(2) Main canals and branches ..	15,937	7,58,850
5. Receipts from plantations.	2,770	4,27,179	(3) Distributaries	30,895	7,39,747
6. Receipts from other canal produce	34,508	13,58,315	(4) Drainage and protective works ..	13,034	3,84,312
7. Water power	..	1,281	(5) Special tools and plant	..	19,664
8. Navigation receipts ..	1,46,707	34,02,684	Total	74,405	20,77,797
9. Rents of buildings ..	2,964	1,06,481	II. MAINTENANCE AND REPAIRS—		
10. Fines	..	931	(1) Head works	21,643	17,27,415
11. Miscellaneous	2,372	1,48,118	(2) Main canals and branches ..	2,95,802	1,05,37,898
Recoveries of expenditure.	1,468	12,377	(3) Distributaries	1,49,875	51,59,578
<i>Deduct—Refunds</i>	<i>774</i>	<i>11,878</i>	(4) Drainage and protective works ..	54,185	17,52,774
			(5) Special tools and plant	..	2,30,755
			<i>4dd—Unclassifiable outlay</i>	<i>..</i>	<i>9,10,984</i>
Total Revenue realized in the Public Works Department ..	1,95,406	55,85,979	Total	5,21,505	2,03,09,322
II. INDIRECT RECEIPTS—			Total, Extensions and Improvements and Maintenance and Repairs	5,95,910	2,23,87,119
Share of land revenue collected in the Civil Department ..	44,03,351	16,59,61,691	IV. ESTABLISHMENT	3,34,550	1,31,97,402
Total, Direct Receipts.	46,03,757	17,15,47,670	V. TOOLS AND PLANT	971	19,41,810
III. INDIRECT RECEIPTS—			VI. REFUNDS OF REVENUE	..	25,907
Share of land revenue collected in the Civil Department ..	1,88,782	1,03,33,332	<i>Deduct—Recoveries on Revenue Account ..</i>	<i>..</i>	<i>4,984</i>
Total, Public Works and Civil Departments—Revenue ..	47,92,539	18,18,81,022	Total, Direct Charges ..	9,31,431	3,75,47,254
Total, Receipts ..	47,92,539	18,18,81,022	Share of collection charges in the Civil Department	2,26,284	91,30,597
			Indirect charges	6,980	16,32,206
			Total, Direct and Indirect Charges ..	11,63,695	4,83,10,057
			Balance, net revenue	36,28,844	13,35,70,965
			Grand Total ..	47,92,539	18,18,81,022

KISTNA DELTA SYSTEM—Canal Project—cont.

No. 4.—Interest Account for and to end of 1935-1936.

	Amount. RS.		Amount. RS.
Total interest charges to end of 1934-1935	3,02,03,222	Net revenue realized to end of 1934-1935	12,99,42,121
* Total interest charges for the year 1935-1936	7,48,783	Net revenue realized .. during 1935-1936	36,23,844
Balance, net revenue	10,26,18,960		
Total ..	13,35,70,965	Total ..	13,35,70,965
* Interest at 3.3252 per cent on the outlay to end of 1916-1917. Interest at 4.94 per cent on the outlay of Rs. 48,88,509 from 1917-1918 to end of 1934-1935 plus half the outlay during 1935-1936.	5,07,291		
	2,41,492		
Total ..	7,48,783		

No. 5.—Account of Indirect Charges for and to end of 1935-36.

Particulars.	During the year. RS.	To end of the year. RS.
CAPITAL—		
Capitalization of abatement of land revenue ..	10,057	6,33,142
Leave and pension allowances	..	5,03,855
Audit and Accounts	11,567	41,854
Total ..	21,624	11,78,851
REVENUE—		
Capitalization of abatement of land revenue ..	21	28,524
Leave and pension allowances	..	15,11,522
Audit and Accounts	5,959	92,160
Total ..	5,980	16,32,206
Grand Total ..	27,604	28,11,057

KISTNA DELTA SYSTEM—Canal Project—cont.

No. 6.—Statement comparing Charges to date with Sanctioned Estimate.

Particulars.	CHARGES AGAINST CLOSED SANCTIONS.		CURRENT SANCTIONS.			Total charges to date against old and current sanctions.
	Expenditure against construction estimate.	Expenditure against open canal sanctions.	Total.	Charges to date.	Amount of sanctioned estimate.	Unspent balance of estimate.
	RS.	RS.	RS.	RS.	RS.	RS.
<i>Direct Charges.</i>						
Works ..	94,90,888	47,62,844	1,42,53,732	20,97,390	41,45,339	20,47,949
Establishment ..	22,14,258	12,01,435	34,15,693	3,30,386	5,73,523	2,43,137
Tools and plant ..	6,60,944	56,570	7,17,514	11,700	82,967	71,207
Suspense account ..	..	..	..	— 206	..	206
Total ..	1,23,66,090	60,20,849	1,83,86,939	24,39,270	48,01,769	23,62,499
<i>Less—Receipts on Capital Account ..</i>	15,400	10,256	25,656	..	..	..
Net Total ..	1,23,50,690	60,10,593	1,83,61,283	24,39,270	48,01,769	23,62,499
<i>Indirect Charges.</i>						
Capitalised statement of land revenue ..	4,53,037	1,80,105	6,33,142	..	18,599	18,599
Leave and Pension allowances ..	3,87,938	1,15,917	5,03,855	20,974	..	20,980
Audit and Accounts ..	..	20,880	20,880	..	41,454	..
Total ..	8,40,975	3,16,902	11,57,877	20,974	60,053	39,079
Grand Total ..	1,31,91,665	63,27,495	1,95,19,160	24,60,244	48,61,822	24,01,578

(The construction estimate of the project was closed on 31st March 1898 and the completion report approved in G.O. No. 60 L., dated 25th January 1905.)

NANDIYAR CHANNEL SYSTEM—Canal Project.

No. 2.—Capital Account for and to end of 1935-1936.

Vide details on page 108 of the Administrative accounts
for 1934-35.

NANDIYAB CHANNEL SYSTEM—Canal Project—cont.
No. 3.—Revenue Accounts for and to end of 1935-1936.

Receipts.	TOTAL		Charges.	
	During the year.	To end of the year.	During the year.	To end of the year.
	RS.	RS.	RS.	RS.
I. DIRECT RECEIPTS—				
5. Receipts from plantation.	186	6,374		
			I. EXTENSIONS AND IMPROVEMENTS—	
6. Receipts from other canal produce	22	2,500	(1) Head works	7,339
8. Navigation receipts	2	3	(2) Main canals and branches	11,953
9. Rent of buildings	5	71	(3) Distributaries	1,115
Recoveries of expenditure.	7	45	(4) Drainage and protective works	..
11. Miscellaneous	..	2,893	(5) Special tools and plant	..
<i>Deduct—Refunds</i>	<i>..</i>	<i>149</i>	Total	20,407
Total Revenue realized in the Public Works Department ..	222	11,737		
			II. MAINTENANCE AND REPAIRS—	
II. IRRIGATION Revenue realized in the Civil Department	15,204	2,30,788	(1) Head works	384
Total, Direct Receipts	15,426	2,42,525	(2) Main canals and branches	4,377
			(3) Distributaries	108
			(4) Drainage and protective works	603
			(5) Special tools and plant	..
			<i>Add—Unclassifiable outlay</i>	<i>..</i>
			Total	5,472
			Total, Extensions and Improvements and Maintenance and Repairs	1,94,899
IV. ESTABLISHMENT			2,155	62,186
V. TOOLS AND PLANT			— 9	832
DEDUCT—RECOVERIES ON REVENUE ACCOUNT	243	2,738	..	8
			Total, Direct Charges.	2,57,909

ADMINISTRATIVE ACCOUNTS
FOR THE YEAR 1935-1936.

Total, Public Works and Civil Departments, Revenue ..	15,669	2,45,263	Share of collection charges in the Civil Department	704	11,639
			Indirect charges	57	5,153
			* Deduct—Old maintenance charges saved to Government	8,635	2,74,701
			Total, Direct and Indirect Charges.	4,278	89,745
			* Deduct—	4,357	1,84,956
			Extensions and Improvements	11,312	60,307
			Maintenance and Repairs	15,669	2,45,263
			Establishment		
			Tools and plant		
Total Receipts ..	15,669	2,45,263	Net Total ..		
			Balance, net revenue		
			Grand Total ..		
			* Deduct—		
			Extensions and Improvements	2,836	
			Maintenance and Repairs	371	
			Establishment	1,044	
			Tools and plant	— 5	
Indirect	..	..	Total, Direct ..	4,246	
			Total, Direct and Indirect ..	32	
			Total, Direct and Indirect ..	4,278	

NANDIYAR CHANNEL SYSTEM—Canal Project—cont.

No. 4.—Interest Account for and to end of 1935-1936.

	Amount.		Amount.
	RS.		RS.
Total interest charges to end of 1934-1935	83,313	Net revenue realized to end of 1934-1935	48,995
* Total interest charges for the year 1935-1936	2,128	Net revenue realized during 1935-1936	11,312
		Balance, net interest charges ..	25,134
Total ..	85,441	Total ..	85,441
* Interest at 3.3252 per cent on the outlay to end of 1916-1917. Interest at 4.94 per cent on the outlay of Rs. 1,590 from 1917-1918 to end of 1934-1935 plus half the outlay to end of 1935-1936	2,050		
	78		
Total ..	2,128		

No. 5.—Account of Indirect Charges for and to end of 1935-1936.

Particulars.	During the year. RS.	To end of the year. RS.
CAPITAL—		
Capitalization of abatement of land revenue ..	..	838
Leave and pension allowances	..	1,646
Audit and accounts	..	..
Total ..	..	2,484
REVENUE—		
Capitalization of abatement of land revenue ..	..	142
Leave and pension allowances	..	3,683
Audit and accounts	57	1,328
Total ..	57	5,153
Grand Total ..	57	7,637

NANDIYAR CHANNEL SYSTEM—Canal Project—cont.

No. 6.—Statement comparing Charges to date with Sanctioned Estimates.

Particulars.	CHARGES AGAINST CLOSED SANCTIONS.			CURRENT SANCTIONS.			Total charges to date against old and current sanctions.
	Expenditure against construction estimate.	Expenditure against open canal sanction.	Total.	Charges to date.	Amount of sanctioned estimate.	Unspent balance of estimate.	
	RS.	RS.	RS.				RS.
<i>Direct Charges.</i>							
Works ..	43,488	7,888	51,476	..	..	..	51,476
Establishment ..	10,002	1,783	11,755	..	..	..	11,755
Tools and plant ..	..	..	..	..	..	..	..
Suspense account ..	..	..	..	..	..	..	..
Total ..	53,490	9,741	63,231	..	..	..	63,231
<i>Less—Receipts on Capital Account ..</i>	..	..	..	..	..	..	..
Net Total ..	53,490	9,741	63,231	..	..	..	63,231
<i>Indirect Charges.</i>							
Capitalized abatement of land revenue ..	318	20	338	..	..	..	338
Leave and pension allowances ..	1,400	246	1,646	..	..	..	1,646
Total ..	2,218	266	2,484	..	..	..	2,484
Grand Total ..	55,708	10,007	65,715	..	..	..	65,715

The construction estimate of the project was closed in 1899 and the completion report approved in G.O. No. 149 L, dated 12th February 1897.

GANJAM MINOR RIVERS SYSTEM—Canal Project.

No. 2.—Capital Account for and to end of 1935-1936.

Heads of account.	DIRECT CHARGES.		Cost of construction as now estimated.
	During the year.	To end of the year.	
I. Works—			
(1) Head works		RS.	RS.
(2) Main canals and branches		3,301	3,301
(3) Distributaries		1,19,552	1,19,552
(4) Drainage and protecting works		69,843	69,843
(5) Special tools and plant		27,537	27,537
Unclassifiable outlay		7,929	7,929
Total, Works		2,27,662	2,27,662
II. Establishment			
III. Tools and plant		50,107	50,107
V. Less receipts on capital account		427	427
Total outlay in India and England		2,78,196	2,78,196

GANJAM MINOR RIVERS SYSTEM—Canal Project—cont.
No. 3.—Revenue Account for and to end of 1935-1936.

Receipts.	TOTAL.		Charges.	TOTAL.	
	During the year. RS.	To end of the year. RS.		During the year. RS.	To end of the year. RS.
I. DIRECT RECEIPTS—			I. EXTENSIONS AND IMPROVEMENTS—		
1. Water-rates from irrigation.		62	(1) Head works		2,684
2. Owner's rates		139	(2) Main canals and branches	1,815	50,854
3. Receipts from sale of water.		734	(3) Distributaries	81	92,690
5. Receipts from plantations.		1,488	(4) Drainage and protective works		5,718
6. Receipts from other canal produce	10	6,612	(5) Special tools and plant		1,41,941
11. Miscellaneous		1,196	Total	1,846	
Total Revenue realized in Public Works Department	10	10,231	II. MAINTENANCE AND REPAIRS—		
Irrigation Revenue realized in Civil Department	55,168	25,73,879	(1) Head works	2,685	15,776
Total, Direct Receipts	55,178	25,84,110	(2) Main canals and branches	32,339	8,59,201
II. INDIRECT RECEIPTS—			(3) Distributaries	2,048	3,47,307
Share of Land Revenue collected in the Civil Department	7,874	5,01,807	(4) Drainage and protective works		4,817
Total, Public Works and Civil Departments, Revenue	63,052	30,85,917	(5) Special tools and plant		2,935
Total, Receipts	63,052	30,85,917	Add—Unclassifiable outlay	37,052	12,30,086
			Total	38,898	13,72,027
			Total, Extensions and Improvements and Maintenance and Repairs	27,084	4,60,319
			IV. ESTABLISHMENT	184	11,124
			V. TOOLS AND PLANT		5
			VI. REFURDS OF REVENUE		275
			Deduct—Recoveries on Revenue account.	66,166	18,43,200
			Total Direct Charges	3,149	1,53,761
			Share of collection charges in the Civil Department	889	53,334
			Indirect charges	69,704	20,50,296
			Total, Direct and Indirect Charges.		

GANJAM MINOR RIVERS SYSTEM—Canal Project—cont.
No. 3.—Revenue Account for and to end of 1935-1936—cont.

Charges.	TOTAL.	
	During the year.	To end of the year.
	RS.	RS.
* <i>Deduct</i> —Old maintenance charges saved to Government	7,722	1,36,572
Balance, Net revenue	61,932	19,13,723
Grand Total	1,070	11,72,194
	63,052	30,85,917
	RS.	
* <i>Direct</i> —		
Extensions and improvements	1,529	
Maintenance and repairs	3,126	
Establishment	2,999	
Tools and plant	22	
Indirect	7,876	
Total, Direct	46	
Total, Direct and Indirect	7,722	

FOR THE YEAR 1935-36.

GANJAM MINOR RIVERS SYSTEM—Canal Project—cont.

No. 4.—Interest Account for and to end of 1935-1936.

	Amount.		Amount.
	RS.		RS.
Total interest charges to end of 1934-1935	3,36,431	Net revenue realized to end of 1934-1935	11,71,124
* Total interest charges for the year 1935-1936	9,574	Net revenue realized during 1935-1936	1,070
Balance, net revenue	8,26,189		
Total	11,72,194	Total	11,72,194
	RS.		
* Interest at 3.3252 per cent on the outlay to end of 1916-1917. 8,585			
Interest at 4.94 per cent on the outlay of Rs. 20,014 from 1917-1918 to end of 1934-1935 plus half the outlay during 1935-1936. 989			
	9,574		

No. 5.—Account of Indirect Charges for and to end of 1935-1936.

Particulars.	During the year.	To end of the year.
	RS.	RS.
CAPITAL—		
Capitalization of abatement of land revenue	..	4,084
Leave and pension allowances	..	6,830
Audit and accounts	..	116
Total	..	11,030
REVENUE—		
Capitalization of abatement of land revenue	..	9,367
Leave and pension allowances	..	37,017
Audit and accounts	389	6,950
Total	389	53,334
Grand Total	889	64,864

GANJAM MINOR RIVERS SYSTEM—Canal Project—cont.

No. 6.—Statement comparing Charges to date with Sanctioned Estimates.

Particulars.	CHARGES AGAINST CLOSED SANCTIONS.			CURRENT SANCTIONS.			Total charges to date against old and current sanctions.
	Expenditure against construction estimate.	Expenditure against open canal sanction.	Total.	Charges to date.	Amount of sanctioned estimate.	Unspent balance of estimate.	
	RS.	RS.	RS.	RS.	RS.	RS.	RS.
Direct Charges.							
Works ..	1,02,797	1,24,865	2,27,662	..	..	..	2,27,662
Establishment ..	23,382	26,725	50,107	..	..	..	50,107
Tools and plant ..	..	427	427	..	..	..	427
Suspense account ..	..	..	..	..	..	..	..
Total ..	1,26,179	1,52,017	2,78,196	..	..	..	2,78,196
Less—Receipts on Capital Account ..	..	..	..	..	..	..	..
Net Total ..	1,26,179	1,52,017	2,78,196	..	..	..	2,78,196
Indirect Charges.							
Capitalized abatement of land revenue ..	..	4,084	4,084	..	..	..	4,084
Leave and pension allowances ..	3,274	3,556	6,830	..	..	..	6,830
Audit and accounts ..	..	116	116	..	..	..	116
Total ..	3,274	7,756	11,030	..	..	..	11,030
Grand Total ..	1,29,453	1,59,773	2,89,226	..	..	..	2,89,226

The construction estimate of the project was closed on 31st March 1900 and the completion report approved in G.O. No. 152 L. dated 17th May 1911.

ADMINISTRATIVE ACCOUNTS
FOR THE YEAR 1935-1936.

MADRAS PRESIDENCY.

LOWER COLEROON ANICUT SYSTEM—Canal Project.

No. 2.—Capital Account for and to end of 1935-1936.

[Vide details on page 119 of the Administrative Accounts for 1934-35.]

LOWER COLEBOON ANICUT SYSTEM—Canal Project—cont.
No. 3.—Revenue Account for and to end of 1935-1936.

Receipts.	TOTAL.		Charges.	TOTAL.	
	During the year.	To end of the year.		During the year.	To end of the year.
RS.	RS.	RS.	RS.	RS.	RS.
I. DIRECT RECEIPTS—			I. EXTENSIONS AND IMPROVEMENTS—		
2. Owners' rates	..	123	(1) Head works	90	1,34,854
3. Sales of water	150	1,812	(2) Main canals and branches	4,110	7,76,502
4. Water-supply of town ..	..	2,653	(3) Distributaries	339	65,558
5. Receipts from plantations.	1,508	73,819	(4) Drainage and protective works ..	3,269	10,009
6. Receipts from other canal produce	229	49,392	(5) Special tools and plant	..	1,800
8. Navigation receipts ..	130	258	Add—Unclassifiable outlay	..	24,873
9. Rents of buildings ..	399	7,911	Total	7,908	10,59,996
11. Miscellaneous	172	28,948	II. MAINTENANCE AND REPAIRS—		
Recoveries of expenditure ..	70	1,541	(1) Head works	9,790	2,48,412
Deduct—Refunds	59	2,388	(2) Main canals and branches	80,078	22,41,552
Total Revenue realized in Public Works Department	2,580	1,64,074	(3) Distributaries	3,691	3,67,512
Irrigation revenue realized in Civil Department	4,23,285	1,97,43,715	(4) Drainage and protective works ..	404	45,688
Total, Direct Receipts	4,25,834	1,99,07,789	(5) Special tools and plant	..	..
			Add—Unclassifiable outlay	..	4,82,053
			Total	93,963	33,85,217
			Total, Extensions and Improvements and Maintenance and Repairs	1,01,771	44,45,213
			IV. ESTABLISHMENT	50,661	14,18,092
			V. TOOLS AND PLANT	166	18,432
			VI. REFUNDS OF REVENUE	..	423
			Deduct—Recoveries on revenue account ..	..	3,094
			Total, Direct Charges	1,52,598	58,79,916

ADMINISTRATIVE ACCOUNTS
FOR THE YEAR 1935-1936.

II. INDIRECT RECEIPTS—			Share of collection charges in the Civil Department	23,737	11,99,603
Share of land revenue collected in the Civil Department	51,515	42,48,338	Indirect charges	1,685	1,65,274
Total, Public Works and Civil Departments, Revenue ..	4,77,349	2,41,56,127	Total, Direct and Indirect charges ..	1,78,020	72,44,793
			* Deduct—Old maintenance charges saved to Government	10,353	2,33,408
			Balance, net revenue	1,67,667	70,11,390
			Grand Total	3,09,682	1,71,44,737
Total, Receipts	4,77,349	2,41,56,127		4,77,349	2,41,56,127
* Direct—					
Extensions and improvements ..	..	..	Indirect	..	73
Maintenance and repairs ..	..	2,427		..	..
Establishment	..	4,853		..	..
Tools and plant	..	2,989		..	..
	..	11		..	..
Total, Direct	..	10,280	Total, Direct and Indirect ..	..	10,353

LOWER COLEROON ANICUT SYSTEM—*Canal Project*—cont.

No. 4.—Interest Account for and to end of 1935-1936.

	Amount. RS.		Amount. RS.
Total interest charges to end of 1934-1935.	34,10,490	Net revenue realized to end of 1934-1935.	1,68,35,055
Total interest charges for the year 1935-1936.	1,13,732	* Net revenue realized during 1935-1936.	3,09,682
Balance, net revenue	1,36,20,515		
Total ..	1,71,44,737	Total ..	1,71,44,737
* Interest at 3.3252 per cent on the outlay to end of 1916-1917 62,168			
Interest at 4.94 per cent on the outlay of Rs. 10,43,826 from 1917-1918 to end of 1934-1935 plus half the outlay during 1935-1936 51,564			
Total ..	1,13,732		

No. 5.—Account of Indirect Charges for and to end of 1935-1936.

Particulars.	During the year. RS.	To end of the year. RS.
CAPITAL—		
Capitalization of abatement of land revenue	..	33,241
Leave and pension allowances	..	45,917
Audit and accounts	..	9,088
Total ..	..	88,246
REVENUE—		
Capitalization of abatement of land revenue	667	17,688
Leave and pension allowances	..	1,22,721
Audit and accounts	1,018	24,865
Total ..	1,685	1,65,274
Grand Total ..	1,685	2,53,520

LOWER COLEROON ANICUT SYSTEM—*Canal Project*—cont.
No. 6.—Statement comparing Charges to date with Sanctioned Estimates.

Particulars.	CHARGES AGAINST CLOSED SANCTIONS.			CURRENT SANCTIONS.			Total charges to date against old and current sanctions. RS.
	Expenditure against construction estimate.	Expenditure against open canal sanction.	Total.	Charges to date.	Amount of sanctioned estimate.	Unspent balance of estimate.	
<i>Direct Charges.</i>	RS.	RS.	RS.				
Works ..	10,67,518	13,89,734	24,57,252	..	..	..	24,57,252
Establishment ..	2,32,629	2,09,937	4,42,566	..	..	..	4,42,566
Tools and plant ..	14,059	2,721	16,780	..	..	..	16,780
Suspense account ..	..	..	..	..	..	..	..
Total ..	13,14,206	16,02,392	29,16,598	..	..	..	29,16,598
<i>Less—Receipts on Capital Account ..</i>	..	3,175	3,175	..	..	..	3,175
Net total ..	13,14,206	15,99,217	29,13,423	..	..	..	29,13,423
<i>Indirect Charges.</i>							
Capitalized abatement of land revenue ..	10,946	22,295	33,241	..	..	..	33,241
Leave and pension allowances ..	32,568	13,349	45,917	..	..	..	45,917
Audit and accounts ..	..	9,088	9,088	..	..	..	9,088
Total ..	43,514	44,732	88,246	..	..	..	88,246
Grand Total ..	13,57,720	16,43,949	30,01,669	..	..	..	30,01,669

The construction estimate of the project was closed on 30th June 1903 and the completion report approved in G.O. No. 400 L, dated 24th September 1909.

DIVI PUMPING SYSTEM—*Canal Project.*

No. 2.—Capital Account for and to end of 1935–1936.

[Vide details on pages 124 and 125 of the Administrative Accounts for 1934–35.]

DIVI PUMPING SYSTEM—*Canal Project*—cont.
No. 3.—Revenue Account for and to end of 1935–1936.

ADMINISTRATIVE ACCOUNTS
FOR THE YEAR 1935–1936.

Receipts.	TOTAL.		Charges.	TOTAL.	
	During the year. RS.	To end of the year. RS.		During the year. RS.	To end of the year. RS.
I. DIRECT RECEIPTS—			I. EXTENSIONS AND IMPROVEMENTS—		
3. Sale of water ..	..	..	(1) Head works ..	2	52,044
4. Water-supply of towns ..	..	..	(2) Main canals and branches ..	1,513	16,774
5. Receipts from plantations ..	..	..	(3) Distributaries ..	..	19,383
6. Receipts from other canal produce ..	1,721	32,036	(4) Drainage and protective works ..	..	7,112
8. Navigation receipts ..	2,464	27,324	(5) Special tools and plant ..	..	7,889
9. Rents of buildings ..	1,636	19,371	Total ..	1,533	86,012
10. Fines ..	..	3	II. MAINTENANCE AND REPAIRS—		
11. Miscellaneous ..	..	..	(1) Head works ..	74,630	18,36,386
Recoveries of expenditure ..	..	..	(2) Main canals and branches ..	7,735	2,46,387
Deduct—Refunds ..	..	..	(3) Distributaries ..	2,618	1,01,533
Total, Revenue realized in Public Works Department ..	5,804	80,402	(4) Drainage and protective works ..	..	28,693
Irrigation revenue realized in Civil Department ..	2,10,413	40,88,202	(5) Special tools and plant ..	..	20,780
Total, Direct Receipts ..	2,16,217	41,68,604	Add—Unclassifiable outlay ..	..	..
II. INDIRECT RECEIPTS—			Total ..	84,983	22,33,699
Share of land revenue collected in the Civil Department ..	57,205	13,11,816	Total, Extensions and Improvements and Maintenance and Repairs ..	86,516	23,19,711
Total, Public Works and Civil Departments, Revenue ..	3,03,422	54,80,420	IV. ESTABLISHMENT ..	45,284	9,53,059
Total, Receipts ..	3,03,422	54,80,420	V. TOOLS AND PLANT ..	142	70,193
• Direct—			VI. REFUNDS OF REVENUE ..	..	15
Extensions and improvements ..	..	..	Deduct—Recoveries on revenue account ..	..	178
Maintenance and repairs ..	..	..	Total, Direct charges ..	1,31,942	33,42,802
Establishment ..	..	..	Share of collection charges in the Civil Department ..	11,388	2,16,778
Total, Direct ..	..	..	Indirect charges ..	865	94,060
• Deduct—			Total, Direct and Indirect charges ..	1,44,195	36,53,640
Old maintenance charges saved to Government ..	..	..	Deduct—Old maintenance charges saved to Government ..	17,096	4,08,791
Balance, net revenue ..	..	..	Net Total ..	1,27,099	32,44,849
Grand Total ..	3,03,422	54,80,420	Grand Total ..	1,76,323	22,35,571
• Direct—			Direct—		
Extensions and improvements ..	..	..	Tools and plant ..	..	..
Maintenance and repairs ..	..	..	Indirect ..	..	..
Establishment ..	..	..	Total, Direct ..	..	..
Total, Direct ..	..	..	Indirect ..	..	..
• Deduct—			Total, Direct and Indirect ..	..	..
Old maintenance charges saved to Government ..	..	..			
Balance, net revenue ..	..	..			
Grand Total ..	3,03,422	54,80,420			
• Direct—					
Extensions and improvements ..	..	..			
Maintenance and repairs ..	..	..			
Establishment ..	..	..			
Total, Direct ..	..	..			
• Deduct—					
Old maintenance charges saved to Government ..	..	..			
Balance, net revenue ..	..	..			
Grand Total ..	3,03,422	54,80,420			

DIVI PUMPING SYSTEM—Canal Project—cont.

No. 4.—Interest Account for and to end of 1935–1936.

	Amount.		Amount.
	RS.		RS.
Total interest charges to end of 1934–1935.	21,92,886	Net revenue realized to end of 1934–1935 ..	20,59,248
Total interest charges for the year 1935–1936.	97,336	* Net revenue realized during 1935–1936 ..	1,76,823
		Balance, net interest charges ..	54,651
Total ..	22,90,222	Total ..	22,90,222

RS.	
* Interest at 3.3252 per cent on the outlay to end of 1916–1917 ..	63,187
Interest at 4.94 per cent on the outlay of Rs. 6,91,271 from 1917–1918 to end of 1934–1935 plus half the outlay during 1935–1936..	34,149
Total ..	97,336

No. 5.—Account of Indirect Charges for and to end of 1935–1936.

Particulars.	During the year.	To end of the year.
	RS.	RS.
CAPITAL—		
Capitalization of abatement of land revenue	..	4,595
Leave and pension allowances	..	52,699
Audit and accounts	..	4,344
Total ..	..	61,638
REVENUE—		
Capitalization of abatement of land revenue	..	388
Leave and pension allowances	..	77,881
Audit and accounts	865	15,791
Total ..	865	94,060
Grand Total ..	865	1,55,698

DIVI PUMPING SYSTEM—Canal Project—cont.

No. 6.—Statement comparing Charges to date with Sanctioned Estimates.

Particulars.	CHARGES AGAINST CLOSED SANCTIONS.			CURRENT SANCTIONS.			Total charges to date against old and current sanctions.
	Expenditure against construction estimate.	Expenditure against open canal sanction.	Total.	Charges to date.	Amount of sanctioned estimate.	Unspent balance of estimate.	
	RS.	RS.	RS.				RS.
Direct Charges.							
Works ..	9,86,285	5,30,147	15,16,432	..	..	..	15,16,432
Establishment ..	1,87,250	2,10,946	3,98,096	..	..	..	3,98,096
Tools and plant ..	6,71,389	6,078	6,77,467	..	..	..	6,77,467
Suspense account ..	..	..	..	..	..	..	..
Total ..	18,44,924	7,47,071	25,91,995	..	..	..	25,91,995
Less—Receipts on Capital Account ..	377	113	490	..	..	..	490
Net Total ..	18,44,547	7,46,958	25,91,505	..	..	..	25,91,505
Indirect Charges.							
Capitalized abatement of land revenue ..	379	4,216	4,595	..	..	..	4,595
Leave and pension allowances ..	26,215	26,484	52,699	..	..	..	52,699
Audit and accounts ..	..	4,344	4,344	..	..	..	4,344
Total ..	26,594	35,044	61,638	..	..	..	61,638
Grand Total ..	18,71,141	7,82,002	26,53,143	..	..	..	26,53,143

The construction estimate of the Project was closed on 31st October 1913 and the completion report approved in G.O. No. 143 L, dated 3rd April 1917.

TOLUDUR RESERVOIR SYSTEM.
No. 2.—Capital Account for and to end of 1935-1936.

Heads of account.	DIRECT CHARGES.		Cost of construction as now estimated.
	During the year.	To end of the year.	
I. Works—	RS.	RS.	RS.
(1) Head works	..	13,76,795	13,76,795
(2) Main canals and branches	82	1,65,895	1,99,949
(3) Distributaries	..	1,02,401	1,02,401
(6) Special tools and plant	..	61,411	61,411
Total Works	82	15,83,680	16,17,734
II. Establishment	34	4,68,536	4,77,218
III. Tools and plant	..	3,05,936	3,06,690
V. Less receipts on capital account	..	9,815	9,815
Total outlay in India and England	116	23,48,337	23,91,827

ADMINISTRATIVE ACCOUNTS
FOR THE YEAR 1935-1936.

TOLUDUR RESERVOIR SYSTEM—cont.
No. 3.—Revenue Account for and to end of 1935-1936.

Receipts.	Charges.	
	During the year.	To end of the year.
I. DIRECT RECEIPTS—	RS.	RS.
5. Receipts from plantations	2	898
6. Receipts from other canal produce	272	2,478
9. Rents of buildings	109	1,190
11. Miscellaneous	..	383
Recoveries of expenditure	..	225
Deduct—Refunds	..	97
Total, Revenue realized in Public Works Department	377	5,077
Irrigation Revenue realized in Civil Department	97,545	11,58,641
Total, Direct Receipts	97,922	11,63,718
II. INDIRECT RECEIPTS—		
Share of Land Revenue collected in the Civil Department	448	2,688
Total, Public Works and Civil Departments, Revenue	98,370	11,66,406
Total, Receipts	98,370	11,66,406
I. EXTENSIONS AND IMPROVEMENTS—		
(1) Head works	..	..
(2) Main canals and branches	..	..
(3) Distributaries	2,131	7,657
(4) Drainage and protective works	..	..
(6) Special tools and plant	..	..
Total	2,998	26,745
II. MAINTENANCE AND REPAIRS—		
(1) Head works	3,538	51,095
(2) Main canals and branches	11,240	2,03,164
(3) Distributaries	5,120	40,110
(4) Drainage and protective works	..	..
(5) Special tools and plant	..	..
Add—Unclassifiable outlay	..	..
Total	19,898	2,94,369
Total, Extensions and Improvements and Maintenance and Repairs	23,896	3,21,114
IV. ESTABLISHMENT	11,270	1,15,667
V. TOOLS AND PLANT	38	1,431
VI. REFUNDS OF REVENUE	..	..
Deduct—Recoveries on revenue account	..	240
Total, Direct Charges	34,204	4,37,972
Share of collection charges in the Civil Department	4,900	58,087
Indirect Charges	229	4,113
Total, Direct and Indirect Charges	39,333	5,00,152
Balance net revenue	59,037	6,69,254
Grand Total	99,370	11,66,406

TOLUDUR RESERVOIR SYSTEM—cont.

No. 4.—Interest Accounts for and to end of 1935-1936.

	Amount,		Amount,
	RS.		RS.
Total interest charges to end of 1934-35 ..	17,51,044	Net revenue realized to end of 1934-35 ..	6,07,217
Total interest charges for the year 1935-36—		Net revenue realized during 1935-36 ..	59,037
Interest at 3.3252 per cent on the outlay to end of 1916-17 ..	27,500	Balance, net interest charges ..	11,87,441
Interest at 4.94 per cent on the outlay of Rs. 15,21,270 from 1917-18 to end of 1934-35 plus half the outlay during 1935-36 ..	75,151		
Total ..	18,53,695	Total ..	18,53,695

No. 5.—Account of Indirect Charges for and to end of 1935-1936.

Particulars.	During the year.	To end of the year.
RS.	RS.	RS.
CAPITAL—		
Capitalization of abatement of land revenue ..	53	1,80,719
Leave and pension allowances ..	..	66,102
Audit and accounts ..	1	4,338
Total ..	54	2,51,159
REVENUE—		
Capitalization of abatement of land revenue ..	..	15
Leave and pension allowances ..	..	886
Audit and accounts ..	229	3,212
Total ..	229	4,113
Grand Total ..	283	2,55,272

TOLUDUR RESERVOIR SYSTEM—cont.

No. 6.—Statement comparing Charges to date with Sanctioned Estimates.

Particulars.	CHARGES AGAINST CLOSED SANCTIONS.			CURRENT SANCTIONS.			Total charges to date against old and current sanctions.
	Expenditure against construction estimate.	Expenditure against open canal sanction.	Total.	Charges to date.	Amount of sanctioned estimate.	Unspent balance of estimate.	
RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
Direct Charges.							
Works ..	16,12,421	32,859	15,79,562	4,118	39,172	34,054	15,83,690
Establishment ..	4,74,048	7,140	4,66,908	1,628	10,810	8,682	4,98,536
Tools and plant ..	3,06,052	125	3,05,927	9	763	754	3,05,936
Suspense account ..	..	..	..	..	..	..	..
Total ..	23,92,521	40,124	23,52,397	5,755	49,245	43,490	23,58,152
Less—Receipts on Capital Account ..	8,322	1,493	9,815	..	..	..	9,815
Net Total.	23,84,199	41,617	23,42,582	5,755	49,245	43,490	23,48,337
Indirect Charges.							
Capitalized abatement of land revenue ..	1,80,460	259	1,80,719	..	2,348	2,348	1,80,719
Leave and pension allowances ..	66,102	..	66,102	..	..	..	66,102
Audit and accounts ..	4,566	270	4,296	42	382	340	4,338
Total ..	2,51,128	11	2,51,117	42	2,730	2,688	2,51,159
Grand Total ..	26,35,327	41,628	25,93,699	5,797	51,975	46,178	25,99,496

The construction estimate of the project was closed on 31st October 1925 and the completion report approved in G.O. No. 514 L, dated 28th February 1931.

POLAVARAM ISLAND—Project.

No. 2.—Capital Account for and to end of 1935-1936.

Heads of account.	DIRECT CHARGES.		Cost of construction as now estimated.
	During the year.	To end of the year.	
I. Works—	RS.	RS.	RS.
(2) Drain canals and branches	..	2,78,359	2,78,359
(3) Distributaries.. ..	..	8,99,316	8,99,316
(4) Drainage and Protective Works	32,967	95,143	1,18,991
Total, Works	32,967	12,72,818	12,96,666
II. Establishment	9,330	3,63,365	3,63,735
III. Tools and plant	249	14,189	15,121
Grand Total	42,546	16,50,372	16,80,522
V. Less—Receipts on Capital Account	4,099	..	4,099
Net Total	42,546	16,46,273	16,76,423

POLAVARAM ISLAND—Project—cont.
No. 3.—Revenue Account for and to end of 1935-1936.

Receipts.	TOTAL.		Charges.	TOTAL.	To end of the year.	RS.
	During the year.	To end of the year.				
I. DIRECT RECEIPTS—	RS.	RS.	I. EXTENSIONS AND IMPROVEMENTS—	RS.	RS.	RS.
5. Receipts from plantations ..	349	1,722	(1) Head works	..	..	..
6. Receipts from other canal produce	100	1,034	(2) Main canals and branches	..	8	15
8. Navigation receipts	..	117	(3) Distributaries	..	..	1,758
9. Rents of buildings	35	135	(4) Drainage and protective works	..	..	..
Recoveries of expenditure	90	37	(5) Special tools and plant	8	..	1,773
11. Miscellaneous	9	..	Total	..	..	..
Deduct—Refunds	11	110	II. MAINTENANCE AND REPAIRS—	..	..	..
Total Revenue realized in Public Works Department	572	2,939	(1) Head works	..	..	1,189
Irrigation Revenue realized in Civil Department	1,24,841	7,53,330	(2) Main canals and branches	..	5,501	36,211
Total, Direct Receipts	1,25,413	7,61,269	(3) Distributaries	..	..	360
II. INDIRECT RECEIPTS—	..	..	(4) Drainage and protective works	..	..	..
Share of land revenue collected in the Civil Department	..	..	(5) Special tools and plant	..	..	..
Total, Public Works and Civil Departments, Revenue	1,25,413	7,61,269	Add—Unclassifiable outlay	5,501	..	37,760
Total, Receipts	1,25,413	7,61,269	Total, Extensions and Improvements and Maintenance and Repairs	5,509	..	39,533
	..	..	IV. ESTABLISHMENT	2,937	..	19,489
	..	..	V. TOOLS AND PLANT	42	..	395
	..	..	VI. REFUNDS OF REVENUE	..	..	..
	..	..	Total, Direct charges	8,488	..	59,417
	..	..	Share of collection charges in the Civil Department	6,242	..	37,915
	..	..	Indirect charges	55	..	405
	..	..	Total, Direct and Indirect Charges	14,785	..	97,737
	..	..	Balance, net revenue	1,10,628	..	6,63,532
	..	..	Grand Total	1,25,413	..	7,61,269

POLAVARAM ISLAND—Project—cont.

No. 4.—Interest for and to end of 1935-1936.

Particulars.	Amount. RS.	Amount. RS.
Total interest charges to end of 1934-35	6,15,603	5,52,904
Total interest charges for the year 1935-36—		
Interest at 4·94 per cent on the outlay of Rs. 16,24,999 from 1925-26 to end of 1934-35 plus half the outlay during 1935-36 (first outlay was in 1925-26).	80,275	1,10,628
		32,346
Balance, net interest charges ..		
Total ..	6,95,878	6,95,878

No. 5.—Accounts of Indirect Charges for and to end of 1935-1936.

Particulars.	During the year. RS.	To end of the year. RS.
CAPITAL—		
Capitalization of abatement of land revenue ..	..	10,080
Leave and pension allowances	..	4,423
Audit and accounts	329	12,726
Total ..	329	27,229
REVENUE—		
Capitalization of abatement of land revenue ..	..	10
Leave and pension allowances	..	..
Audit and accounts	55	395
Total ..	55	405
Grand Total ..	384	27,634

POLAVARAM ISLAND—Project—cont.
No. 6.—Statement comparing Charges to date with Sanctioned Estimates.

Particulars.	CHARGES AGAINST CLOSED SANCTIONS.			CURRENT SANCTIONS.			Total charges to date against old and current sanctions. RS.
	Expenditure against construction estimate. RS.	Expenditure against open canal sanction. RS.	Total. RS.	Charges to date. RS.	Amount of sanctioned estimate. RS.	Unspent balance of estimate. RS.	
<i>Direct Charges.</i>							
Works ..	12,33,116	..	12,33,116	39,702	63,550	23,848	12,72,318
Establishment ..	5,51,544	..	5,51,544	11,821	17,191	5,370	3,63,365
Tools and plant ..	13,850	..	13,850	339	1,271	932	14,189
Suspense account ..	..	..	..	..	..	..	..
Total ..	15,98,510	..	15,98,510	51,862	82,012	30,150	16,50,372
<i>Less—Receipts on Capital Account ..</i>	4,099	..	4,099	..	..	..	4,099
Net Total ..	15,94,411	..	15,94,411	51,862	82,012	30,150	16,46,273
<i>Indirect Charges.</i>							
Capitalized abatement of land revenue ..	10,080	..	10,080	..	..	..	10,080
Leave and pension allowances ..	4,423	..	4,423	..	..	..	4,423
Audit and accounts ..	12,350	..	12,350	396	636	240	12,726
Total ..	26,833	..	26,833	396	636	240	27,229
Grand Total ..	16,21,244	..	16,21,244	52,256	82,648	30,390	16,73,502

The construction estimate of the project was closed on 28th February 1934 and the completion report approved in G.O. No. 1258, Public Works Department (Irrigation), dated 26th May 1936.

CAUVERY-METTUR RESERVOIR PROJECT—Canal Project.

No. 2.—Capital Account for and to end of 1935-1936.

Heads of account.	DIRECT CHARGES.		Cost of construction as now estimated.
	During the year.	To end of the year.	
	RS.	RS.	RS.
I. WORKS—			
(1) <i>Head Works—</i>			
A. Preliminary expenses ..	..	1,86,634	1,85,000
B. Land ..	270	30,28,501	30,10,000
C. Works ..	13,008	2,68,29,228	2,83,00,000
K. Buildings ..	223	25,57,638	25,87,000
O. Miscellaneous ..	37	29,96,974	30,74,000
P. Maintenance ..	— 627	11,106	34,000
Total ..	12,909	3,56,10,081	3,71,90,000
(2) <i>Main Canals and Branches—</i>			
(a) Grand Anicut Canal system—			
A. Preliminary expenses ..	..	98,520	99,000
B. Land ..	— 27	11,40,892	12,00,000
D. Regulators ..	2,483	3,06,832	3,20,000
E. Falls and weirs ..	..	1,67,144	1,70,000
F. (1) Other cross drainage works.	82,441	24,57,390	23,60,000
G. Bridges ..	— 4,072	8,01,996	8,25,000
H. Escapes ..	202	29,189	25,000
K. Buildings ..	14,038	2,42,106	2,22,000
L. Earthwork ..	27,018	32,49,173	33,20,000
M. Plantations ..	202	17,607	25,000
O. Miscellaneous ..	2,198	96,958	85,000
P. Maintenance ..	1,587	1,01,096	1,20,000
Total ..	1,26,070	87,08,893	87,71,000
(b) Vadavar system—			
A. Preliminary expenses ..	..	20,845	20,900
B. Land ..	..	90,799	91,000
D. Regulators ..	..	27,592	27,600
E. Falls and weirs ..	..	25,182	24,360
F. (1) Other cross drainage works.	..	57,293	4,080
G. Bridges ..	1,274	42,200	0,000
H. Escapes ..	..	24,349	24,350
K. Buildings ..	..	28,749	28,750
L. Earthwork ..	..	2,04,098	2,03,800
M. Plantations ..	..	4,049	4,060
O. Miscellaneous ..	..	13,604	14,500
P. Maintenance ..	..	9,664	10,000
Total ..	1,274	5,48,424	5,44,000
Total, (2) Main Canals and Branches ..	1,27,344	92,57,317	93,15,000

CAUVERY-METTUR RESERVOIR PROJECT—Canal Project—cont.

No. 2.—Capital Account for and to end of 1935-1936—cont.

Heads of account.	DIRECT CHARGES.		Cost of construction as now estimated.
	During the year.	To end of the year.	
	RS.	RS.	RS.
WORKS—cont.			
(3) <i>Distributaries—</i>			
(a) Grand Anicut Canal system—			
A. Preliminary expenses ..	122	1,30,714	1,32,000
B. Land ..	59,929	26,64,414	28,75,000
C. Works ..	2,77,640	13,31,873	11,25,000
L. Earthwork ..	87,937	8,30,439	8,90,000
M. Plantations ..	1,027	11,167	18,000
O. Miscellaneous ..	— 394	71,324	80,000
P. Maintenance ..	508	39,267	40,000
Total ..	4,26,769	50,79,198	51,60,000
(b) Vadavar system—			
A. Preliminary expenses ..	..	22,604	22,800
B. Land ..	1,369	4,58,943	4,57,200
C. Works ..	50	2,06,087	2,09,000
L. Earthwork ..	..	2,47,414	2,48,000
M. Plantations ..	..	2,773	2,800
O. Miscellaneous ..	..	13,901	16,000
P. Maintenance ..	..	17,839	24,000
Total ..	1,419	9,69,561	9,79,800
Total, (3) Distributaries ..	4,28,188	60,48,759	61,39,800
(6) <i>Special Tools and Plant..</i>	— 2,17,084	89,96,971	87,00,000
Loss on stock ..	1,88,203	2,03,829	10,200
Total, Works ..	5,33,660	6,01,16,957	6,13,55,000
II. ESTABLISHMENT (a)—			
Non-voted—			
Pay of officers ..	43,869	14,16,005	..
Cost of passage granted ..	50	27,965	..
Other compensatory allowances ..	2,233	98,237	..
Travelling allowance ..	133	137	..
Contingencies ..	..	5,526	..
Supervision charges.	..	..	..
Bonus contribution to Special Provident Fund ..	..	12,942	..
Deduct—Recoveries.	4,637	4,637	..
Voted—			
Pay of officers ..	35,780	10,36,453	..
Pay of establishment ..	83,875	21,49,229	..
Travelling allowance.	..	..	..
Fixed travelling allowance ..	9,201	3,47,912	..
Other compensatory allowance ..	..	..	..
Contract contingencies ..	..	85	..
Supplies and services ..	..	2,093	..
Non-contract contingencies—Stationery and Printing.	1,169	2,07,406	..
Other contingencies.	4,865	57,273	..
Supervision charges.	10,391	39,480	..
Bonus contribution to Special Provident Fund ..	..	12,704	..
Charges payable to Government—	..	..	..
Departments, etc.	..	1,104	..
Total ..	1,86,929	54,09,914	..

CAUVERY-METTUR RESERVOIR PROJECT—Canal Project—cont.

No. 2.—Capital Account for and to end of 1935-1936—cont.

Heads of account.	DIRECT CHARGES.		Cost of construction as now estimated. RS.
	During the year. RS.	To end of the year. RS.	
II. ESTABLISHMENT (a)—cont.			
English cost of establishment—Par value (Voted and Non-voted) ..	23,065	3,08,123	..
Loss or gain by exchange ..	— 117	8,715	..
Deduct—Recoveries (Voted) ..	18,659	2,53,540	..
Add—Amount debited by transferred establishment (Establishment inclusive of pensionary charges) ..	— 3,813	— 223	..
Add—Pensionary charges ..	17,134	5,52,046	..
Net total, Establishment (a) ..	2,04,539	60,25,035	58,75,000
III. TOOLS AND PLANT—			
New supplies—			
Scientific instruments and drawing materials ..	97	64,900	..
Tools ..	6	1,20,165	..
Office furniture ..	..	43,887	..
Navigation plant ..	..	1,285	..
Camp equipage ..	..	29,586	..
Repairs and carriage ..	181	37,810	..
Total, Tools and Plant ..	284	2,97,633	..
Deduct—Charges debited to other heads of account ..	..	..	..
Add—Amount debited by Transferred establishment ..	— 657	— 675	..
Net Total, Tools and Plant ..	373	2,96,958	3,00,000
IV. SUSPENSE ..	— 2,19,974	1,70,017	90,000
Grand Total ..	5,22,852	6,66,08,907	6,76,20,000
V. Less—RECEIPTS ON CAPITAL ACCOUNT ..	6,57,528	18,07,485	8,50,000
Total outlay in India and England.	— 1,34,676	6,48,01,482	6,67,70,000

CAUVERY-METTUR RESERVOIR PROJECT—Canal Project—cont.

No. 3.—Revenue Account for and to end of 1935-1936.

Receipts.	TOTAL.		Charges.	TOTAL.	
	During the year. RS.	To end of the year. RS.		During the year. RS.	To end of the year. RS.
I. DIRECT RECEIPTS—			I. EXTENSIONS AND IMPROVEMENTS—		
3. Sales of water ..	50	106	(1) Head works ..	1,026	1,441
5. Receipts from plantations ..	1,426	3,812	(2) Main canals and branches ..	10,823	53,437
6. Receipts from other canal produce ..	412	567	(3) Distributaries ..	23,652	23,681
8. Navigation ..	46	51	Total ..	35,501	78,559
9. Rents of buildings ..	20,803	32,606	II. MAINTENANCE AND REPAIRS—		
10. Fines ..	12,174	13,651	(1) Head works ..	91,731	1,36,850
11. Miscellaneous ..	319	842	(2) Main canals and branches ..	97,742	1,91,617
Recoveries of expenditure. Deduct—Refunds ..	54	64	(3) Distributaries ..	50,089	95,303
Total, Revenue realized in Public Works Department ..	35,176	51,596	(4) Drainage and protection works ..	1,005	2,046
Irrigation revenue realized in Civil Department ..	11,67,146	21,71,592	Total ..	2,40,567	4,25,816
Total, Direct Receipts ..	12,02,322	22,23,188	III. COMPENSATION—		
II. INDIRECT RECEIPTS—			Total, Extensions and Improvements and Maintenance and Repairs ..	2,76,068	5,04,375
Share of land revenue collected in the Civil Department ..	..	..	IV. ESTABLISHMENT ..	1,26,153	1,94,834
Total, Public Works and Civil Departments, Revenue ..	12,02,322	22,23,188	V. TOOLS AND PLANT ..	1,268	1,980
			Total, Direct Charges ..	4,03,489	7,01,189
			Share of collection charges in the Civil Department ..	58,357	1,08,580
			Indirect charges ..	2,760	5,019
			Total, Direct and Indirect Charges ..	4,64,606	8,14,788
			Balance net revenue ..	7,37,716	14,08,400
			Total ..	12,02,322	22,23,188

NOTE.—The maintenance charges pertaining to old irrigation have not yet been fixed by Government.

CAUVERY-METTUR RESERVOIR PROJECT—Canal Project—cont.

No. 4.—Interest Account for and to end of 1935-1936.

Amount.	Amount.
RS.	RS.
Total interest charges to end of 1934-1935 ..	1,78,90,339
Total interest charges for the year 1935-1936 ..	32,04,520
Interest at 4'94 per cent on the outlay of Rs. 6,48,68,820 from 1925-1926 to end of 1934-1935 + half the outlay during 1935-1936 (first outlay was in 1925-1926) ..	32,04,520
Total ..	2,10,94,859
Net revenue realized to end of 1934-1935 ..	6,70,684
Net revenue realized during 1935-1936 ..	7,37,716
Balance, net interest charges ..	1,96,86,459
Total ..	2,10,94,859

No. 5.—Account of Indirect Charges for and to end of 1935-1936.

Particulars.	During the year. RS.	To end of the year. RS.
CAPITAL—		
Capitalization of abatement of land revenue ..	4,539	4,47,286
Leave and pension allowances ..	5,387	23,617
Audit and accounts ..	..	5,72,271
Total ..	9,926	10,43,174
REVENUE—		
Capitalization of abatement of land revenue ..	..	..
Leave and pension allowances ..	2,760	5,019
Audit and accounts ..	..	..
Total ..	2,760	5,019
Grand Total ..	12,686	10,48,193

CAUVERY-METTUR RESERVOIR PROJECT—Canal Project—cont.

No. 6.—Statement comparing Charges to date with Sanctioned Estimates.

Particulars.	CHARGES AGAINST CLOSED SANCTIONS.			CURRENT SANCTIONS.			Total charges to date against old and current sanctions.
	Expenditure against construction estimate.	Expenditure against open canal sanction.	Total.	Charges to date. RS.	Amount of sanctioned estimate. RS.	Unspent balance of estimate. RS.	
Direct Charges.							
Works ..	..	..	..	6,01,18,957	6,13,55,000	12,38,043	..
Establishment ..	..	..	..	6,23,035	58,75,000	— 1,50,035	..
Tools and plant ..	..	..	..	2,33,955	30,000	— 3,042	..
Suspense account ..	..	..	..	1,70,017	90,000	— 80,017	..
Total ..	..	..	..	6,66,08,967	6,76,20,000	10,11,033	..
Less—Receipts on Capital Account ..	..	..	..	18,07,485	8,50,000	— 9,57,485	..
Total outlay in India and England ..	..	..	..	6,48,01,482	6,67,70,000	19,68,518	..
Indirect Charges.							
Capitalization of abatement of land revenue ..	..	..	..	4,47,286	4,89,000	41,714	..
Leave and pension allowances ..	..	..	..	23,617	25,000	1,383	..
Audit and accounts ..	..	..	..	5,72,271	6,16,000	43,729	..
Total ..	..	..	..	10,43,174	11,30,000	86,826	..
Grand total outlay in India and England ..	..	..	..	6,58,44,656	6,79,00,000	20,55,344	..

KATTALAI ANICUT SCHEME—Canal Project.

No. 2.—Capital Account for and to end of 1935-1936.

Heads of account.	DIRECT CHARGES.		Cost of construction as now estimated.
	During the year. RS.	To end of the year. RS.	
I. WORKS—			
(1) Head Works—			
B. Land	..	257	..
C. Works	..	5,91,068	5,14,349
K. Buildings	..	2,510	10,000
O. Miscellaneous	..	12,392	1,18,651
Unforeseen works	..	..	37,000
P. Maintenance	..	18,814	..
Total, Head works	..	6,25,041	6,80,000
(2) Main Canals and Branches—			
A. Preliminary expenses	53	11,929	10,000
B. Land	2,760	5,21,457	2,90,360
C. Works	9,868	50,833	53,530
D. Regulators	43	92,537	24,480
E. Falls and weirs	..	22,849	6,990
F. Other cross drainage works	31,001	3,27,483	3,27,890
F. (1) Other cross and drainage works	..	..	..
G. Bridges	14,787	3,317	3,470
H. Escapes	..	2,71,298	1,60,215
K. Buildings	..	40,913	..
L. Earthwork	2,595	28,865	36,000
M. Plantations	45,002	11,49,130	7,80,450
N. Tank	..	..	11,000
O. Miscellaneous	6,905	24,407	46,600
P. Maintenance	326	43,740	56,890
Unforeseen works	..	..	3,700
Total, Main Canals	1,13,340	25,88,758	92,425
(3) Distributaries—			
B. Land	..	..	..
C. Works	20,224	22,680	43,851
E. Falls and weirs	8,355	10,633	23,304
L. Earthwork	7,019	9,201	27,182
O. Miscellaneous	27,141	34,473	60,079
.. ..	5,571	7,955	11,584
Total	68,310	84,942	1,66,000
(3) Special Tools and Plant	..	..	..
Total, Works	12,588	37,174	92,000
	1,69,062	33,35,915	28,42,000
II. ESTABLISHMENT—			
Non-voted—			
Pay of officers	..	..	..
Passage pay	3,061	45,325	..
Travelling allowance	..	476	..
Voted—			
Pay of officers	412	6,945	..
Pay of establishment	3,699	51,103	..
Travelling allowance	7,911	1,13,732	..
Fixed travelling allowance	..	..	..
Other compensatory allowance	2,719	38,722	..
Non-contract contingencies—Miscellaneous	..	..	..
Total, Establishment	17,802	2,56,803	4,09,585

KATTALAI ANICUT SCHEME—Canal Project—cont.

No. 2.—Capital Account for and to end of 1935-1936—cont.

Heads of account.	DIRECT CHARGES.		Cost of construction as now estimated.
	During the year. RS.	To end of the year. RS.	
II. ESTABLISHMENT—cont.			
English cost of establishment—			
Par value	..	18,678	..
Loss or gain by exchange	..	1,679	..
Add—Pensionary charges on special establishment	1,817	21,404	..
Add—Supervision charges on special establishment	826	14,984	..
Add—Amount debited by Transferred establishment	41,550	1,21,524	..
Grand total, Establishment	61,995	4,34,155	4,09,585
III. TOOLS AND PLANT—			
New supplies—			
Scientific instruments and drawing materials	2	6,441	..
Plant and machinery	..	3,306	..
Tools	..	32,572	..
Office furniture	..	2,510	..
Repairs and carriage	91	8,290	..
Total, Tools and Plant	93	53,119	56,840
Add—Amount debited by Transferred	— 210	— 553	..
Net total, Tools and Plant	— 117	52,566	56,840
IV. SUSPENSE	— 1,590	1	..
V. Less—RECEIPTS ON CAPITAL ACCOUNT	823	9,869	..
Net total outlay in India and England	2,28,527	38,12,748	33,08,425

Receipts.		TOTAL.	
During the year.	To end of the year.	RS.	RS.
I. DIRECT RECEIPTS—			
Sales of water	50	232	232
5. Receipts from plantations ..	2,121	17,901	17,901
6. Receipts from other canal produce	902	3,386	3,386
8. Navigation receipts	96	224	224
9. Rents of Buildings	134	1,062	1,062
10. Fines	..	..	..
11. Miscellaneous Recoveries of expenditure	15	122	122
<i>Deduct—Refunds</i>	48	921	921
	112	765	765
Total revenue realized in the Public Works Department ..	3,304	23,083	23,083
Irrigation revenue realized in Civil Department	99,397	2,75,083	2,75,083
Total, Direct Receipts	1,02,701	2,98,166	2,98,166
II. INDIRECT RECEIPTS—			
Share of land revenue collected in the Civil Department ..	121	493	493
Total, Public Works and Civil Departments Revenue	1,02,822	2,98,659	2,98,659
Net deficit, if any	— 58,884	1,07,520	1,07,520
Grand Total	43,938	4,06,179	4,06,179
* DIRECT—			
Maintenance and repairs ..	..	..	..
Establishment	..	..	..
Tools and plant	..	..	..
INDIRECT	..	..	..
Total			

	Amount.		Amount.
	RS.		RS.
Total interest charges to end of 1934-1935	7,50,976	Net revenue realized to end of 1934-1935	— 1,66,404
* Total interest charges for the year 1935-1936	1,82,705	Net revenue realized during 1935-1936	+ 58,884
		Balance, net interest charges	10,41,201
Total	<u>9,33,681</u>	Total	<u>9,33,681</u>
* Interest at 4'94 per cent on the outlay of Rs. 36,98,483 from 1925-1926 (the first outlay being in 1925-1926) to end of 1934-1935 plus half of the outlay during 1935-1936	1,82,705		

Particulars.	During the year. RS.	To end of the year. RS.
CAPITAL—		
Capitalization of abatement of land revenue ..	4,410	49,887
Leave and pension allowances	..	7,233
Audit and accounts	1,691	33,361
Total ..	6,101	90,481
REVENUE—		
Capitalization of abatement of land revenue ..	..	1
Leave and pension allowances	..	..
Audit and accounts	769	5,241
Total ..	769	5,242
Grand Total ..	6,870	95,723

KATTALAI ANICUT SCHEME—Canal Project—cont.

No. 6.—Statement comparing Charges to date with Sanctioned Estimates.

IRRIGATION BRANCH.

230

Particulars.	CHARGES AGAINST CLOSED SANCTIONS.			CURRENT SANCTIONS.		Total charges to date against old and current sanctions.
	Expenditure against construction estimate.	Expenditure against open canal sanction.	Total.	Charges to date. RS.	Amount of sanctioned estimate. RS.	Unspent balance of estimate. RS.
<i>Direct Charges.</i>						
Works ..	..	..	..	33,35,915	28,42,000	— 4,93,915
Establishment ..	..	..	..	4,34,155	4,09,585	— 24,570
Tools and plant ..	..	..	..	52,566	56,340	— 4,274
Suspense account ..	..	..	..	1	..	— 1
Total ..	..	..	..	38,22,637	33,08,425	— 5,14,212
<i>Less—Receipt</i>	..	..	..	9,889	..	— 9,889
Capital account ..	..	..	..	38,12,748	33,08,425	— 5,04,323
Net total outlay in India and England.	..	..	..			..
<i>Indirect Charges.</i>						
Capitalized abatement of land revenue ..	..	..	..	49,887	30,381	— 19,506
Leave and pension allowances ..	..	..	..	7,233	..	— 7,233
Audit and accounts ..	..	..	..	33,361	28,420	— 4,941
Total ..	..	..	..	90,481	58,801	— 31,680
Grand total outlay in India and England ..	..	..	..	39,03,229	33,07,226	— 5,36,003

231

ADMINISTRATIVE ACCOUNTS
FOR THE YEAR 1935-1936.

MADRAS PRESIDENCY.

KURNOOL-CUDDAPAH CANAL—Canal Project.

No. 2.—Capital Account for and to end of 1935-1936.

[Vide details on pages 148 and 149 of the Administrative Accounts for 1934-35.]

KURNOOL-CUDDAPAH CANAL—Canal Project—cont.
No. 3.—Revenue Account for and to end of 1935-1936.

Receipts.	TOTAL.		Charges.	TOTAL.	
	During the year. RS.	To end of the year. RS.		During the year. RS.	To end of the year. RS.
DIRECT RECEIPTS—					
1. Water-rates from irrigation.	..	35,98,514	I. EXTENSIONS AND IMPROVEMENTS—		
2. Sale of water.. ..	277	6,973	(1) Head works	2	1,55,640
3. Water-supply of towns ..	700	73,944	(2) Main canals and branches ..	6,497	4,31,023
4. Receipts from plantations ..	..	24,278	(3) Distributaries	485	80,152
5. Receipts from other canal produce	..	2,50,530	(4) Drainage and protective works ..	..	13,251
6. Navigation receipts	4,289	89,811	(5) Special tools and plant	..	168
7. Rents of buildings	122	49,358	<i>Add</i> —Unclassifiable outlay	..	565
8. Fines	1,450	157	Total	6,984	6,80,463
9. Miscellaneous	471	1,10,621	II. MAINTENANCE AND REPAIRS—		
10. Recoveries of expenditure ..	2,132	6,151	(1) Head works	3,935	2,51,417
<i>Deduct</i> —Refunds	327	2,509	(2) Main canals and branches ..	37,475	37,03,390
Total revenue realized in Public Works Department	9,171	42,10,913	(3) Distributaries	5,054	5,40,732
Irrigation revenue realized in Civil Department	2,86,757	79,24,462	(4) Drainage and protective works ..	..	20,108
			(5) Special tools and plant	..	5,891
			<i>Add</i> —Unclassifiable outlay	..	11,150
			Total	96,464	45,34,683
Total, Direct Receipts	2,95,928	1,21,35,275	Total, Extensions and Improvements and Maintenance and Repairs	1,03,448	52,15,151
			IV. ESTABLISHMENT	28,313	19,59,744
			V. TOOLS AND PLANT	110	1,15,703
			VI. REFUNDS OF REVENUE	..	14,592
			<i>Deduct</i> —Recoveries on Revenue Account..	..	196
			Total, Direct Charges	1,31,871	73,04,997

I. INDIRECT RECEIPTS—					
Share of land revenue collected in the Civil Department	2,901	55,403	Share of collection charges in the Civil Department	14,464	4,08,688
			Indirect Charges	1,034	2,51,611
			Total, Direct and Indirect Charges ..	1,47,369	79,66,296
			<i>Deduct</i> —Old maintenance charges saved to Government *	3,571	85,529
			Balance, net revenue	1,43,798	78,79,767
			Grand Total	1,55,031	43,10,911
Total, Public Works and Civil Departments, Revenue	2,98,829	1,21,90,678			
Total, Receipts	2,98,829	1,21,90,678			
			* Direct—		
			Extensions and improvements	RS.	232
			Maintenance and repairs	2,757	
			Establishment	549	
			Tools and plant	8	
			Indirect	Total, Direct ..	3,541
					30
				Total, Direct and Indirect ..	3,571

KURNOOL-CUDDAPAH CANAL—Canal Project—cont.

No. 4.—Interest Account for and to end of 1935-1936.

Particulars.	Amount. RS.	Particulars.	Amount. RS.
Total interest charges to end of 1934-1935	4,31,25,520	Net revenue realized to end of 1934-1935	41,55,880
Total interest charges for the year 1935-1936—		Net revenue realized during 1935-1936	1,55,031
Interest at 3·3252 per cent on the outlay to end of 1916-1917	7,60,421	Balance, net interest charges	3,95,97,025
Interest at 4·94 per cent on the outlay of Rupees 4,45,258 from 1917-1918 to end of 1934-1935 plus half the outlay during 1935-1936	21,995		
Total	4,39,07,936	Total	4,39,07,936

No. 5.—Account of Indirect Charges for and to end of 1935-1936.

Particulars.	During the year. RS.	To end of the year. RS.
CAPITAL—		
Capitalization of abatement of land revenue	..	19,983
Leave and pension allowances	..	53,274
Audit and accounts	..	181
Total	..	73,438
REVENUE—		
Capitalization of abatement of land revenue	..	5,939
Leave and pension allowances	..	2,30,069
Audit and accounts	1,034	15,603
Total	1,034	2,51,611
Grand Total	1,034	3,25,049

KURNOOL-CUDDAPAH CANAL—Canal Project—cont.
No. 6.—Statement comparing Charges to date with Sanctioned Estimates.

Particulars.	CHARGES AGAINST CLOSED SANCTIONS.			CURRENT SANCTIONS.			Total charges to date against old and current sanctions.
	Expenditure against construction estimate.	Expenditure against open canal sanctions.	Total.	Charges to date.	Amount of sanctioned estimate.	Unspent balance of estimate.	
Direct Charges.	RS.	RS.	RS.				RS.
Works	1,77,82,139	13,10,953	1,90,93,092	..	..	..	1,90,93,092
Establishment	..	3,80,864	3,80,864	..	..	..	3,80,864
Tools and plant	..	3,085	3,085	..	..	..	3,085
Suspense account	..	..	..	..	..	..	..
Loss by exchange	40,80,918	..	40,80,918	..	..	..	40,80,918
Total	2,18,63,057	16,94,902	2,35,57,959	..	..	..	2,35,57,959
Less—Receipts on Capital Account	2,24,115	20,168	2,44,283	..	..	..	2,44,283
Net Total	2,16,38,942	16,74,734	2,33,13,676	..	..	..	2,33,13,676
Indirect Charges.							
Capitalized abatement of land revenue	..	19,983	19,983	..	..	..	19,983
Leave and pension allowances	..	53,274	53,274	..	..	..	53,274
Audit and accounts	..	181	181	..	..	..	181
Total	..	73,438	73,438	..	..	..	73,438
Grand Total	2,16,38,942	17,48,172	2,33,87,114	..	..	..	2,33,87,114

The date of closure of the construction estimate is not known.

BARUR TANK—*Tank Project.*

No. 2.—Capital Account for and to end of 1935–1936.

[Vide details on page 154 of the Administrative Accounts for 1934–35.]

ADMINISTRATIVE ACCOUNTS
FOR THE YEAR 1935–36.BARUR TANK—*Tank Project*—cont.
No. 3.—Revenue Account for and to end of 1935–1936.

Receipts.	TOTAL.		Charges.	TOTAL.	
	During the year. RS.	To end of the year. RS.		During the year. RS.	To end of the year. RS.
I. DIRECT RECEIPTS—			I. EXTENSIONS AND IMPROVEMENTS—		
5. Receipts from plantations ..	447	7,248	(1) Head works ..	..	4,493
6. Receipts from other canal produce ..	846	21,937	(2) Main canals and branches ..	..	20,561
9. Rents of buildings ..	27	1,127	(3) Distributaries ..	128	2,689
11. Miscellaneous ..	..	2,004	(4) Drainage and protective works ..	..	1,661
Recoveries of expenditure ..	..	27	(5) Special tools and plant ..	..	..
<i>Deficit—Refunds</i> ..	..	168	Total ..	128	29,404
Total, Revenue realized in Public Works Department ..	1,320	32,175	II. MAINTENANCE AND REPAIRS—		
Irrigation Revenue realized in Civil Department ..	17,394	6,49,795	(1) Head works ..	6	21,162
Total, Direct Receipts ..	18,714	6,81,970	(2) Main canals and branches ..	3,470	1,61,072
			(3) Distributaries ..	2,023	12,090
			(4) Drainage and protective works ..	..	666
			(5) Special tools and plant ..	..	..
			Total ..	5,499	1,94,990
			Total, Extensions and Improvements and Maintenance and Repairs ..	5,627	2,24,394
INDIRECT RECEIPTS—			IV. ESTABLISHMENT ..	1,650	80,312
Share of land revenue collected in the Civil Department ..	758	17,556	V. TOOLS AND PLANT ..	23	1,270
			VI. REFUNDS OF REVENUE ..	..	54
			<i>Deficit—Recoveries on revenue account</i> ..	..	44
			Total, Direct Charges ..	7,300	3,05,986
			Share of collection charges in the Civil Department ..	878	32,620
			Indirect charges ..	56	9,802
			Total, Direct and Indirect Charges ..	8,234	3,48,408
Total, Public Works and Civil Departments, Revenue ..	19,472	6,99,526	Balance, Net revenue ..	11,238	3,51,118
Total, Receipts ..	19,472	6,99,526	Grand Total ..	19,472	6,99,526

BARUR TANK—*Tank Project*—cont.

No. 4.—Interest Account for and to end of 1935-1936.

	Amount.		Amount.
	RS.		RS.
Total interest charges to end of 1934-1935	7,31,051	Net revenue realized to end of 1934-1935	3,39,830
*Total interest charges for the year 1935-1936	13,945	Net revenue realized during 1935-1936	11,238
		Balance, net interest charges	3,93,878
Total	7,44,996	Total	7,44,996
*Interest at 3.3252 per cent on the outlay to end of 1916-1917	13,945		
Interest at 4.94 per cent on the outlay of Rs. nil from 1917-1918 to end of 1934-1935 plus half the outlay during 1935-1936	Nil.		
Total	13,945		

No. 5.—Account of Indirect Charges for and to end of 1935-1936.

Particulars.	During the year. RS.	To end of the year. RS.
CAPITAL—		
Capitalization of abatement of land revenue	..	13,000
Leave and pension allowances	..	10,738
Audit and accounts	..	..
Total	..	23,738
REVENUE—		
Capitalization of abatement of land revenue	..	130
Leave and pension allowances	..	8,931
Audit and accounts	56	741
Total	56	9,802
Grand Total	56	33,540

BARUR TANK—*Tank Project*—cont.

No. 6.—Statement comparing Charges to date with Sanctioned Estimates.

Particulars.	CHARGES AGAINST CLOSED SANCTIONS.			CURRENT SANCTIONS.			Total charges to date against old and current sanctions.
	Expenditure against construction estimate.	Expenditure against open canal sanction.	Total.	Charges to date.	Amount of sanctioned estimate.	Unspent balance of estimate.	
	RS.	RS.	RS.				RS.
Direct Charges.							
Works	3,11,681	24,084	3,35,765	..	..	..	3,35,765
Establishment	71,683	5,018	76,701	..	..	..	76,701
Tools and plant	6,883	48	6,931	..	..	..	6,931
Suspense account	..	..	..	..	..	..	..
Total	3,90,247	29,150	4,19,397	..	..	..	4,19,397
Less—Receipts on Capital Account	22	..	22	..	..	..	22
Net Total	3,90,225	29,150	4,19,375	..	..	..	4,19,375
Indirect Charges.							
Capitalized abatement of land revenue.	12,056	944	13,000	..	..	..	13,000
Leave and pension allowances	10,036	702	10,738	..	..	..	10,738
Total	22,092	1,646	23,738	..	..	..	23,738
Grand Total	4,12,317	30,796	4,43,113	..	..	..	4,43,113

The construction estimate of the project was closed on 31st March 1931 and the completion report approved in G.O. No. 721 J., dated 15th September 1891.

VALLUR ANICUT SYSTEM—Canal Project.

No. 2.—Capital Account for and to end of 1935-1936.

[Vide details on page 159 of the Administrative Accounts for 1934-35.]

VALLUR ANICUT SYSTEM—Canal Project—cont.

No. 3.—Revenue Account for and to end of 1935-1936.

Receipts.	TOTAL.		Charges.	TOTAL.	
	During the year. RS.	To end of the year. RS.		During the year. RS.	To end of the year. RS.
I. DIRECT RECEIPTS—					
5. Receipts from plantations ..	..	1,766	I. EXTENSIONS AND IMPROVEMENTS—	..	4,841
6. Receipts from other canal produce ..	..	1,977	(1) Head works ..	..	1,296
9. Rents of buildings ..	..	248	(2) Main canals and branches ..	..	..
Recoveries of Expenditure ..	1	11	(3) Distributaries ..	..	4,817
11. Miscellaneous ..	145	2,610	(4) Drainage and protective works ..	..	..
Deduct—Refunds ..	..	109	(5) Special tools and plant ..	..	..
Total, Revenue realized in Public Works Department ..	146	6,503	Total ..	..	10,954
Irrigation Revenue realized in Civil Department ..	2,177	1,56,699	II. MAINTENANCE AND REPAIRS—	..	43,481
Total, Direct Receipts ..	2,323	1,63,202	(1) Head works ..	1,505	26,056
			(2) Main canals and branches ..	..	..
			(3) Distributaries ..	..	..
			(4) Drainage and protective works ..	..	..
			(5) Special tools and plant ..	..	17,582
			Add—Unclassifiable outlay ..	..	..
			Total ..	1,505	87,119
			Total, Extensions and Improvements and Maintenance and Repairs ..	1,505	98,073
			IV. ESTABLISHMENT ..	416	24,001
			V. TOOLS AND PLANT ..	1	649
			Deduct—	..	..
			VI. RECOVERIES ON REVENUE ACCOUNT.	..	10
			Total, Direct Charges ..	1,922	1,22,713

VALUOR ANICUT SYSTEM—Canal Project—cont.

No. 6.—Statement comparing charges to date with Sanctioned Estimates.

Particulars.	CHARGES AGAINST CLOSED SANCTIONS.			CURRENT SANCTIONS.			Total charges to date against old and current sanctions.
	Expenditure against construction estimate.	Expenditure against open canal sanction.	Total.	Charges to date.	Amount of sanctioned estimate.	Unspent balance of estimate.	
	RS.	RS.	RS.				RS.
<i>Direct Charges.</i>							
Works ..	50,550	10,112	60,662	..	..	..	60,662
Establishment ..	11,627	2,052	13,679	..	..	..	13,679
Tools and plant ..	..	25	25	..	..	..	25
Suspense account ..	..	..	..	..	..	..	..
Total ..	62,177	12,189	74,366	..	..	..	74,366
<i>Less—Receipts on capital account ..</i>	..	..	..	..	..	..	..
Net Total ..	62,177	12,189	74,366	..	..	..	74,366
<i>Indirect Charges.</i>							
Capitalized abatement of land revenue ..	..	..	..	..	..	..	..
Leave and pension allowances ..	1,028	288	1,916	..	..	..	1,916
Total ..	1,028	288	1,916	..	..	..	1,916
Grand Total ..	63,805	12,477	76,282	..	..	..	76,282

The construction estimate of the project was closed on 31st March 1893.

ADMINISTRATIVE ACCOUNTS
FOR THE YEAR 1935-1936.MADRAS WATER-SUPPLY AND IRRIGATION SYSTEM—*Tank Project.*

No. 2.—Capital Account for and to end of 1935-1936.

[Vide details on page 164 of the Administrative Accounts
for 1934-35.]

MADRAS WATER-SUPPLY AND IRRIGATION SYSTEM—*Tank Project*—cont.
 No. 3.—Revenue Account for and to end of 1935-1936.

Receipts.	TOTAL.		Charges.	TOTAL.	
	During the year. RS.	To end of the year. RS.		During the year. RS.	To end of the year. RS.
I. DIRECT RECEIPTS—			I. EXTENSIONS AND IMPROVEMENTS—		
3. Sales of water	..	9,80,626	(1) Head works	..	6,704
4. Water-supply of towns ..	48,494	4,00,047	(2) Main canals and branches ..	569	82,551
5. Receipts from plantations.	..	2,243	(3) Distributaries	..	3,277
			(4) Drainage and protective works ..	..	913
			(5) Special tools and plant	..	22
6. Receipts from other canal produce	..	5,462	Total	569	93,167
9. Rents of buildings	158	2,241	II. MAINTENANCE AND REPAIRS—		
10. Fines	283	322	(1) Head works	..	61,876
11. Miscellaneous	139	6,950	(2) Main canals and branches ..	20,350	8,45,218
			(3) Distributaries	..	3,980
Recoveries of expenditure ..	3	63	(4) Drainage and protective works ..	..	3,061
<i>Deduct—Refunds</i>	..	77	(5) Special tools and plant	..	..
Total Revenue realized in Public Works Department	49,077	13,97,877	Total	20,350	9,14,135
Irrigation revenue realized in Civil Department	17,693	7,31,059	Total, Extensions and Improvements and Maintenance and repairs ..	20,919	10,07,302
			IV. ESTABLISHMENT	4,072	3,08,430
			V. TOOLS AND PLANT	22	9,805
			VI. REFUNDS OF REVENUE on Revenue account	..	88
Total, Direct Receipts	66,773	21,28,936	Total, Direct Charges	..	1,065
				25,013	13,24,560

ADMINISTRATIVE ACCOUNTS
 FOR THE YEAR 1935-1936.

II. INDIRECT RECEIPTS—			Share of collection charges in the Civil Department	908	40,170
Share of land revenue collected in the Civil Department.	462	28,573	Indirect charges	209	40,592
Total, Public Works and Civil Departments—Revenue ..	67,235	21,57,509	Total, Direct and Indirect Charges ..	26,130	14,05,322
			<i>Deduct—Old maintenance charges saved to Government (a)</i>	4,536	3,20,109
			Net Total	21,594	10,85,213
			Balance, Net revenue	45,641	10,72,296
Total, Receipts	67,235	21,57,509	Grand Total	67,235	21,57,509
			(a) Extensions and improvements	..	3,600
			Maintenance and repairs	..	200
			Establishment	..	694
			Tools and plant	..	4
			Total, Direct Charges	..	4,498
			Indirect Charges	..	38
			Total, Direct and Indirect Charges ..	..	4,536

MADRAS WATER-SUPPLY AND IRRIGATION SYSTEM—*Tank Project*—cont.

No. 4.—Interest Account for and to end of 1935-1936.

	Amount.		Amount.
	RS.		RS.
Total interest charges to end of 1934-1935	37,75,841	Net revenue realized to end of 1934-1935	10,26,655
Total interest charges for the year 1935-1936—		Net revenue realized during 1935-1936	45,641
Interest at 3·3252 per cent on the outlay to end of 1916-1917. 51,429		Balance, net interest charges ..	27,59,036
Interest at 4·94 per cent on the outlay of Rs. 82,221 from 1917-1918 to end of 1934-1935 plus half the outlay during 1935-1936	4,062		
Total ..	38,31,332	Total ..	38,31,332

No. 5.—Account of Indirect Charges for and to end of 1935-1936.

Particulars.	During the year.	To end of the year.
	RS.	RS.
CAPITAL—		
Capitalization of abatement of land revenue ..	..	2,08,120
Leave and pension allowances	..	31,522
Audit and accounts	..	412
Total ..	..	2,40,054
REVENUE—		
Capitalization of abatement of land revenue ..	..	1,095
Leave and pension allowances	..	36,257
Audit and accounts	209	3,240
Total ..	209	40,592
Grand Total ..	209	2,80,646

MADRAS WATER-SUPPLY AND IRRIGATION SYSTEM—*Tank Project*—cont.

No. 6.—Statement comparing Charges to date with Sanctioned Estimates.

Particulars.	CHARGES AGAINST CLOSED SANCTIONS.			CURRENT SANCTIONS.			Total charges to date against old and current sanctions.		
	Expenditure against construction estimate.	Expenditure against open canal sanction.	Total.	Charges to date.	Amount of sanctioned estimate.	Unspent balance of estimate.			
	RS.	RS.	RS.	RS.	RS.	RS.	RS.		
Direct Charges.									
Works ..	12,97,799	95,196	13,92,995	..	..	..	13,92,995		
Establishment ..	2,12,547	17,696	2,30,243	..	..	..	2,30,243		
Tools and plant ..	6,645	280	6,928	..	..	..	6,928		
Suspense account ..	..	..	..	..	..	..	..		
Total ..	15,16,994	1,13,172	16,30,166	..	..	..	16,30,166		
Less—Receipts on Capital Account ..	1,167	135	1,302	..	..	..	1,302		
Net Total ..	15,15,827	1,13,037	16,28,864	..	..	..	16,28,864		
Indirect Charges.									
Capitalized abatement of land revenue ..	2,08,120	..	2,08,120	..	..	..	2,08,120		
Leave and pension allowances ..	30,098	1,424	31,522	..	..	..	31,522		
Audit and accounts ..	..	412	412	..	..	..	412		
Total ..	2,38,218	1,836	2,40,054	..	..	..	2,40,054		
Grand Total ..	17,54,045	1,14,873	18,68,918	..	..	..	18,68,918		

The construction estimate of the project was closed in 1893 and the completion report approved in G.O. No. 153 I., dated 18th February 1895.

PELANDORAI ANICUT SYSTEM—*Canal Project.*

No. 2.—Capital Account for and to end of 1935-1936.

[Vide details on page 169 of the Administrative Accounts for 1934-35.]

PELANDORAI ANICUT SYSTEM—*Canal Project*—cont.
No. 3.—Revenue Account for and to end of 1935-1936.

Receipts.	TOTAL.		Charges.	TOTAL.	
	During the year. RS.	To end of the year. RS.		During the year. RS.	To end of the year. RS.
I. DIRECT RECEIPTS—					
5. Receipts from plantations.	258	11,848	I. EXTENSIONS AND IMPROVEMENTS—	22	22,647
6. Receipts from other canal produce	61	9,544	(1) Head works	909	54,940
8. Navigation Receipts	..	1	(2) Main canals and branches	..	24,476
9. Rents of buildings	141	2,315	(3) Distributaries	..	..
10. Fines	..	1	(4) Drainage and protective works	..	..
11. Miscellaneous	..	..	(5) Special tools and plant	..	..
Recoveries of expenditure	4	28	Total	981	1,02,063
<i>Deduct</i> —Refunds	3	331	II. MAINTENANCE AND REPAIRS—	..	..
Total, Revenue realized in Public Works Department	461	24,388	(1) Head works	1,621	3,26,011
Irrigation Revenue realized in Civil Department	55,722	20,12,102	(2) Main canals and branches	8,040	4,01,973
			(3) Distributaries	1,056	86,848
			(4) Drainage and protective works	..	123
			(5) Special tools and plant	..	..
			<i>Deduct</i> —Unclassifiable outlay	..	..
			Total	10,717	8,14,955
			Total, Extensions and Improvements and Maintenance and Repairs	11,648	9,17,018
			IV. ESTABLISHMENT	6,200	2,49,802
			V. TOOLS AND PLANT	18	6,224
			VI. REFUNDS OF REVENUE	..	30
			<i>Deduct</i> —Recoveries on Revenue account	..	168
			Total, Direct Charges	17,866	11,72,906
Total, Direct Receipts	56,183	20,36,550			

PELANDORAI ANICUT SYSTEM—*Canal Project*—cont.,
No. 3.—Revenue Account for and to end of 1935-1936—cont.

Receipts.	TOTAL.		Charges.	TOTAL.	
	During the year. RS.	To end of the year. RS.		During the year. RS.	To end of the year. RS.
III. INDIRECT RECEIPTS—					
Share of land revenue collected in the Civil Department	86	5,555	Share of collection charges in the Civil Department	2,700	1,01,478
			Indirect charges	116	33,161
Total, Public Works and Civil Departments, Revenue	56,269	20,42,105	Total, Direct and Indirect Charges, Deduct—Old maintenance charges saved to Government (a)	20,772	13,07,745
				166	9,383
			Balance, Net Revenue	20,606	12,98,362
Total, Receipts	56,269	20,42,105	Net Total	35,663	7,43,743
			Grand Total	56,269	20,42,105
			(a) Extensions and improvements		RS.
			Maintenance and repairs		59
			Establishment		58
			Tools and plant		48
			Total, Direct Charges		165
			Indirect charges		1
			Total, Direct and Indirect Charges		166

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1935-1936.

MADRAS PRESIDENCY.

PELANDORAI ANICUT SYSTEM—*Canal Project*—cont.

No. 4.—Interest Account for and to end of 1935-1936.

	Amount.		Amount.
	RS.		RS.
Total interest charges to end of 1934-1935	11,47,286	Net revenue realized to end of 1934-1935	7,08,080
* Total interest charges for the year 1935-1936	21,912	Net revenue realized during 1935-1936	35,663
		Balance, net interest charges	4,25,455
Total	11,69,198	Total	11,69,198
* Interest at 3·3252 per cent on the outlay to end of 1916-1917.	20,320		
Interest at 4·94 per cent on the outlay of Rs. 32,225 from 1917-			
1918 to 1934-1935 plus half the outlay during 1935-1936	1,592		
	21,912		

No. 5.—Account of Indirect Charges for and to end of 1935-1936.

Particulars.	During the year. RS.	To end of the year. RS.
CAPITAL—		
Capitalization of abatement of land revenue ..	..	27,907
Leave and pension allowances	..	20,865
Audit and accounts	..	..
Total ..	..	48,772
REVENUE—		
Capitalization of abatement of land revenue ..	..	1,069
Leave and pension allowances	..	29,984
Audit and accounts	116	2,098
Total ..	116	33,161
Grand Total ..	116	81,933

PELANDORAI ANICUT SYSTEM—Canal Project—cont.
No. 6.—Statement comparing Charges to date with Sanctioned Estimates.

Particulars.	CHARGES AGAINST CLOSED SANCTIONS.		CURRENT SANCTIONS.		Total Charges to date against old and current sanctions.
	Expenditure against construction estimate.	Expenditure against open canal sanction.	Total.	Charges to date.	
	RS.	RS.	RS.		RS.
<i>Direct Charges.</i>					
Works Establishment ..	3,32,345	1,88,292	5,20,637	..	5,20,637
Tools and plant ..	73,999	43,427	1,17,426	..	1,17,426
Suspense account ..	4,438	1,599	6,037	..	6,037
Total ..	4,10,782	2,33,318	6,44,100	..	6,44,100
<i>Less—Receipts on Capital account ..</i>	798	..	798	..	798
Net Total ..	4,09,984	2,33,318	6,43,302	..	6,43,302
<i>Indirect Charges.</i>					
Capitalized abatement of land revenue ..	27,489	418	27,907	..	27,907
Leave and pension allowances ..	14,769	6,096	20,865	..	20,865
Audit and accounts ..	..	..	..	..	..
Total ..	42,258	6,514	48,772	..	48,772
Grand Total ..	4,52,242	2,39,832	6,92,074	..	6,92,074

The construction estimate of the Project was closed in 1893 and the completion report approved in G.O. No. 155 L., dated 19th February 1894.

PALAR ANICUT SYSTEM—Canal Project.

No. 2.—Capital Account for and to end of 1935-1936.

[Vide details on page 174 of the Administrative Accounts for 1934-35.]

PALAR ANICUT SYSTEM—Canal Project—cont.
No. 3.—Revenue Account for and to end of 1935-1936.

Receipts.	TOTAL.		Charges.	TOTAL.	
	During the year.	To end of the year.		During the year.	To end of the year.
I. DIRECT RECEIPTS—	RS.	RS.	I. EXTENSIONS AND IMPROVEMENTS—	RS.	RS.
1. Water rates	..	5	(1) Head works	429	2,14,749
5. Receipts from plantations ..	264	26,308	(2) Main canals and branches ..	151	1,85,158
6. Receipts from other canal produce	129	46,913	(3) Distributaries	..	2,70,152
9. Rents of buildings	301	6,554	(4) Drainage and protective works ..	..	1,152
10. Fines	..	64	(5) Special tools and plant	..	32,342
11. Miscellaneous	770	35,178	<i>Add—Unclassifiable outlay</i>	..	..
Recoveries of expenditure	..	72	Total	580	7,03,553
<i>Deduct—Refunds</i>	..	1,648	II. MAINTENANCE AND REPAIRS—	..	..
Total, Revenue realized in Public Works Department	1,464	1,13,446	(1) Head works	911	3,31,596
Revenues realized in Irrigation Department	..	..	(2) Main canals and branches ..	15,570	11,19,970
Revenues realized in Civil Department	2,40,281	87,28,422	(3) Distributaries	36,639	15,47,265
Total, Direct Receipts	2,41,745	88,41,868	(4) Drainage and protective works ..	..	5,742
II. INDIRECT RECEIPTS—	..	..	(5) Special tools and plant	..	99,655
Share of land revenue collected in the Civil Department	16,851	11,82,360	<i>Add—Unclassifiable outlay</i>	..	..
Total, Public Works and Civil Departments, Revenue	2,58,596	1,00,24,228	Total	53,120	31,04,228
			Total, Extensions and Improvements and Maintenance and Repairs	53,700	38,97,781
			IV. ESTABLISHMENT	14,937	9,95,509
			V. TOOLS AND PLANT	176	26,254
			VI. REFUNDS OF REVENUE	..	10,383
			<i>Deduct—Recoveries on Revenue account</i> ..	..	19
			Total, Direct Charges	68,813	48,39,918

Share of collection charges in the Civil Department	12,806	5,28,098
Indirect charges	537	1,35,380
Total, Direct and Indirect Charges	83,156	55,03,396
<i>Deduct—Old maintenance charges saved to Government</i> *	3,863	3,31,092
Net Total	79,293	51,72,304
Balance, Net Revenue	1,80,303	48,51,924
Grand Total	2,58,596	1,00,24,228
* Direct—	RS.	..
Extensions and improvements	178	..
Maintenance and repairs	2,909	..
Establishment	732	..
Tools and plant	13	..
Indirect	3,832	..
Total, Direct and Indirect	31	3,863

PALAR ANICUT SYSTEM—Canal Project—cont.

No. 4.—Interest Account for and to end of 1935-1936.

Amount.	Amount.
RS.	RS.
Total interest charges to end of 1934-1935	52,03,374
Total interest charges for the year 1935-1936	78,501
Total	52,86,875
Net revenue realized to end of 1934-1935	46,71,621
Net revenue realized .. during 1935-1936	1,80,303
Balance, net interest charges	4,34,951
Total	52,86,875
* Interest at 3·3252 per cent on the outlay to end of 1916-1917. Interest at 4·94 per cent on the outlay of Rs. 25,379 from 1917-1918 to end of 1934-1935 and half the outlay during 1935-1936	77,248
	1,253
Total	78,501

No. 5.—Account of Indirect Charges for and to end of 1935-1936.

Particulars.	During the year. RS.	To end of the year. RS.
CAPITAL—		
Capitalization of abatement of land revenue	..	25,558
Leave and pension allowances	..	91,644
Audit and accounts	..	102
Total	..	1,17,304
REVENUE—		
Capitalization of abatement of land revenue	..	2,638
Leave and pension allowances	..	1,21,432
Audit and accounts	537	11,310
Total	537	1,35,380
Grand Total	537	2,52,684

PALAR ANICUT SYSTEM—Canal Project—cont.

No. 6.—Statement comparing Charges to date with Sanctioned Estimates.

Particulars.	CHARGES AGAINST CLOSED SANCTIONS.			CURRENT SANCTIONS.			Total charges to date against old and current sanctions. RS.
	Expenditure against construction estimate. RS.	Expenditure against open canal sanction. RS.	Total. RS.	Charges to date. RS.	Amount of sanctioned estimate RS.	Unspent balance of estimate. RS.	
<i>Direct charges.</i>							
Works	15,22,878	3,27,193	18,50,071	..	..	..	18,50,071
Establishment	3,99,070	69,991	4,69,061	..	..	..	4,69,061
Tools and plant	29,875	167	30,042	..	..	..	30,042
Suspense account	..	..	..	..	..	..	..
Total	19,51,823	3,97,351	23,49,174	..	..	..	23,49,174
Less—Receipts on Capital Account	..	672	672	..	..	..	672
Net Total	19,51,823	3,96,679	23,48,502	..	..	..	23,48,502
<i>Indirect Charges.</i>							
Capitalized abatement of land revenue	23,054	2	25,558	..	..	..	25,558
Leave and pension allowances	81,976	9,668	91,644	..	..	..	91,644
Audit and accounts	..	102	102	..	..	..	102
Total	1,05,030	12,274	1,17,304	..	..	..	1,17,304
Grand Total	20,56,853	4,08,953	24,65,806	..	..	..	24,65,806

NOTE.—The construction estimate of the project was closed on 31st March 1896 and the completion report approved in G.O. No. 917 L., dated 15th October 1897.

RUSHIKULYA SYSTEM—*Tank Project.*

No. 2.—Capital Account for and to end of 1935–1936.

Head of account.	DIRECT CHARGES.		Cost of construction as now estimated.
	During the year. RS.	To end of the year. RS.	
I. Works—			RS.
(1) Head works ..	334	16,66,390	16,66,390
(2) Main canals and branches ..	733	18,91,118	19,05,949
(3) Distributaries ..	8,804	6,19,076	6,28,309
(4) Drainage and Protective works ..		4,144	4,144
(5) Special Tools and Plant ..		1,982	2,000
Total, Works ..	9,871	41,82,710	42,06,792
II. ESTABLISHMENT ..	6,360	9,34,483	9,21,234
III. TOOLS AND PLANT ..	47	1,31,808	1,34,482
V. Less—RECEIPTS ON CAPITAL ACCOUNT ..		65,853	65,853
Net Outlay in India and England.	16,278	51,83,148	51,96,655

RUSHIKULYA SYSTEM—*Tank Project—cont.*

No. 3.—Revenue Account for and to end of 1935–1936.

Receipts.	TOTAL.		Charges.	TOTAL.	
	During the year. RS.	To end of the year. RS.		During the year. RS.	To end of the year. RS.
I. DIRECT RECEIPTS—			I. EXTENSIONS AND IMPROVEMENTS—		
1. Water-rates ..	..	25	(1) Head works ..	895	57,199
2. Sale of water ..	192	2,671	(2) Main canals and branches ..	3,851	1,53,835
3. Water-supply of towns ..	1,225	32,725	(3) Distributaries ..	251	78,093
4. Receipts from plantations ..	422	8,163	(4) Drainage and protective works ..	..	892
5. Receipts from other canal produce ..	1,260	36,986	(5) Special tools and plant ..	..	..
6. Navigation receipts ..	..	24	Total ..	4,997	2,90,019
7. Rents of buildings ..	430	6,221	II. MAINTENANCE AND REPAIRS—		
8. Fines ..	..	18	(1) Head works ..	27,212	6,31,845
9. Miscellaneous ..	49	12,893	(2) Main canals and branches ..	37,757	11,24,373
10. Refunds ..	50	127	(3) Distributaries ..	20,085	5,19,063
Deduct—Refunds ..	..	..	(4) Drainage and protective works ..	..	2,419
			(5) Special tools and plant ..	..	1,363
			Total ..	85,054	22,79,063
Total, Revenue realized in Public Works Department ..	3,528	99,804	Total, Extensions and Improvements and Maintenance and Repairs ..	90,051	25,69,082
Irrigation revenue realized in Civil Department ..	1,93,171	61,21,237	IV. ESTABLISHMENT ..	65,083	9,24,749
			V. TOOLS AND PLANT ..	426	44,702
Total, Direct Receipts ..	1,96,699	62,20,841	VI. REFUNDS OF REVENUE ..	..	88
			Deduct—Recoveries on Revenue account ..	..	397
			Total, Direct Charges ..	1,55,560	35,38,221

RUSHIKULYA SYSTEM—*Tank Project*—cont.
No. 3.—Revenue Account for and to end of 1935-1936—cont.

Receipts.	TOTAL.		Charges.	RS.
	During the year. RS.	To end of the year. RS.		
1. INDIRECT RECEIPTS—				
Share of land revenue collected in the Civil Department ..	6,244	1,62,663	Share of collection charges in the Civil Department ..	3,12,036
Total, Public Works and Civil Departments Revenue ..	2,02,943	63,83,504	Indirect charges ..	78,543
			Total, Direct and Indirect charges ..	39,28,800
			* Deduct—Old maintenance charge saved to Government ..	1,63,990
			Balance, Net revenue ..	37,64,810
Total, Receipts ..	2,02,943	63,83,504	Net Total ..	26,18,694
			Grand Total ..	63,83,504
* Direct—				
Extensions and improvements ..				1,475
Maintenance and repairs ..				4,108
Establishment ..				3,598
Tools and plant ..				26
Indirect ..			Total, Direct ..	9,207
			Total, Direct and Indirect ..	9,263

RUSHIKULYA SYSTEM—*Tank Project*—cont.

No. 4.—Interest Account for and to end of 1935-1936.

	Amount. RS.		Amount. RS.
Total interest charges to end of 1934-1935 ..	72,84,290	Net revenue realized to end of 1934-1935 ..	25,72,809
* Total interest charges for the year 1935-1936 ..	1,80,168	Net revenue realized .. during 1935-1936 ..	45,885
		Balance net interest charges ..	48,46,764
Total ..	74,64,458	Total ..	74,64,458
* Interest at 3·3252 per cent on the outlay to end of 1914-1917 ..	1,55,421		
Interest at 4·94 per cent on the outlay of Rs. 5,00,961 from 1917-1918 to end of 1934-1935 plus half the outlay during 1935-1936 ..	24,747		
Total ..	1,80,168		

No. 5.—Account of Indirect Charges for and to end of 1935-1936.

Particulars.	During the year. RS.	To end of the year. RS.
CAPITAL—		
Capitalization of abatement of land revenue ..	973	3,06,800
Leave and pension allowances ..	..	1,16,818
Audit and accounts ..	99	3,499
Total ..	1,072	4,27,117
REVENUE—		
Capitalization of abatement of land revenue ..	..	1,530
Leave and pension allowances ..	..	62,516
Audit and accounts ..	901	14,498
Total ..	901	78,543
Grand Total ..	1,973	5,05,660

RUSHIKULYA SYSTEM—Tank Project—cont.

No. 6.—Statement comparing Charges to date with Sanctioned Estimates.

Particulars.	CHARGES AGAINST CLOSED SANCTIONS.			CURRENT SANCTIONS.			Total charges to date against old and current sanctions.
	Expenditure against construction estimate.	Expenditure against open canal sanction.	Total.	Charges to date.	Amount of sanctioned estimate.	Unspent balance of estimate.	
	RS.	RS.	RS.	RS.	RS.	RS.	RS.
<i>Direct Charges.</i>							
Works							
Establishment ..	35,19,326	4,17,468	39,36,792	2,45,918	2,70,000	24,082	41,82,710
Tools and plant ..	7,46,990	97,569	8,44,559	94,924	81,675	— 13,249	9,34,483
Suspense account ..	1,26,941	2,141	1,29,082	2,726	5,400	2,674	1,31,808
	..	..	..	..	..	..	..
Total	43,93,257	5,12,176	49,05,433	3,43,568	3,57,075	13,507	52,49,001
Less—Receipts on capital account ..	7,851	58,002	65,853	..	..	..	65,853
Net Total ..	43,85,406	4,54,174	48,39,580	3,43,568	3,57,075	13,507	51,83,148
<i>Indirect Charges.</i>							
Capitalized abatement of land revenue ..	2,92,911	13,889	3,06,800	..	..	..	3,06,800
Leave and pension allowances ..	1,04,579	12,239	1,16,818	..	2,700	.. 240	1,16,818
Audit and accounts ..	..	1,039	1,039	2,460	..	..	3,499
	..	..	..	..	2,700	240	4,27,117
Total ..	3,97,490	27,167	4,24,657	2,460	3,59,775	13,747	56,10,265
Grand Total ..	47,82,896	4,81,341	52,64,237	3,46,028	..	..	..

The construction estimate of the project was closed on 31st March 1901 and the completion report approved in G. O. No. 185 I, dated 5th May 1903.

MUNIYERU SYSTEM—Canal Project.

No. 2.—Capital Account for and to end of 1935-1936.

Heads of account.	DIRECT CHARGES.		Cost of construction as now estimated.
	During the year.	To end of the year.	
	RS.	RS.	RS.
I. Works—			
(1) Head works ..	..	..	..
(2) Main canals and branches ..	..	70,241	70,241
(3) Distributaries ..	65	3,27,536	3,33,671
(6) Special tools and plant ..	..	67,084	67,084
	..	..	..
Total, Works ..	65	4,64,861	4,70,996
II. Establishment ..	26	1,04,542	1,06,201
III. Tools and plant ..	..	3,728	3,852
V. Less receipts on capital account ..	..	1,732	1,732
Net outlay in India and England ..	91	5,71,390	5,79,317

MUNIYERU SYSTEM—Canal Project—cont.

No. 3.—Revenue Account for and to end of 1935-1936.

Receipts.	TOTAL.		Charges.	TOTAL.	
	During the year. RS.	To end of the year. RS.		During the year. RS.	To end of the year. RS.
I. DIRECT RECEIPTS—					
1. Receipts from plantations ..	41	1,577	I. EXTENSIONS AND IMPROVEMENTS—		
			(1) Head works ..	..	2,579
6. Receipts from other canal produce ..	840	17,178	(2) Main canals and branches ..	..	6,549
9. Rents of buildings ..	66	2,144	(3) Distributaries ..	..	974
11. Miscellaneous ..	..	4,380	(4) Drainage and protective works ..	..	34
Recoveries of expenditure ..	..	6	(5) Special tools and plant ..	..	..
Deduct refunds ..	..	61	Total ..	972	10,136
			II. MAINTENANCE AND REPAIRS—		
			(1) Head works ..	1,380	90,271
			(2) Main canals and branches ..	2,550	1,15,155
			(3) Distributaries ..	389	31,942
			(4) Drainage and protective works ..	..	10
			(5) Special tools and plant ..	..	..
			Add—Unclassifiable outlay ..	..	..
			Total ..	4,319	2,37,378
			Total, Extensions and Improvements and Maintenance and Repairs ..	5,291	2,47,514
Total, Revenue realized in Public Works Department ..	947	25,233	IV. ESTABLISHMENT ..	3,252	85,664
Irrigation Revenue realized in Civil Department ..	46,745	8,39,331	V. TOOLS AND PLANT ..	8	1,969
			VI. REFUNDS OF REVENUE ..	..	51
Total, Direct Receipts] ..	47,692	8,64,564	Total, Direct Charges ..	8,551	3,35,198

ADMINISTRATIVE ACCOUNTS
FOR THE YEAR 1935-1936.

I. INDIRECT RECEIPTS—					
Share of Land Revenue collected in the Civil Department ..	60	2,995	Share of collection charges in the Civil Department ..	2,340	42,114
			Indirect Charges ..	53	8,620
Total, Public Works and Civil Departments, Revenue ..	47,752	8,67,559	Total, Direct and Indirect Charges ..	10,444	3,35,982
			* Deduct—Old maintenance charges saved to Government ..	311	6,315
			Total, Direct and Indirect Charges ..	10,633	3,79,617
			Balance, net revenue ..	37,119	4,87,942
Total, Receipts ..	47,762	8,67,559	Grand Total ..	47,752	8,67,559
			* Direct—		
			Extensions and improvements ..	..	..
			Maintenance and repairs ..	..	..
			Establishment ..	..	222
			Tools and plant ..	..	87
			Total, Direct ..	309	..
			Indirect ..	2	..
			Total, Direct and Indirect ..	311	..

MUNIYERU SYSTEM—Canal Project—cont.

No. 4.—Interest Account for and to end of 1935–1936.

	Amount.		Amount.
	RS.		RS.
Total interest charges to end of 1934–1935	7,57,882	Net revenue realized to end of 1934–1935	4,50,823
* Total interest charges for the year 1935–1936	19,037	Net revenue realized during 1935–1936	37,119
		Balance, net interest charges	2,88,977
Total	7,76,919	Total	7,76,919
* Interest at 3·3252 per cent on the outlay to end of 1916–1917. Interest at 4·94 per cent on the outlay of Rs. 2,387 from 1917–1918 to end of 1934–1935 plus half the outlay during 1935–1936	18,919		
	118		
Total	19,037		

No. 5.—Account of Indirect Charges for and to end of 1935–1936.

Particulars.	During the year.	To end of the year.
	RS.	RS.
CAPITAL—		
Capitalization of abatement of land revenue	..	15,104
Leave and pension allowances	..	14,631
Audit and accounts	..	16
Total	..	29,751
REVENUE—		
Capitalization of abatement of land revenue	..	9
Leave and pension allowances	..	7,547
Audit and accounts	53	1,064
Total	53	8,620
Grand Total	53	38,371

MUNIYERU SYSTEM—Canal Project—cont.

No. 6.—Statement comparing Charges to date with Sanctioned Estimates.

Particulars.	CHARGES AGAINST CLOSED SANCTIONS.			CURRENT SANCTIONS.			Total charges to date against old and current sanctions.
	Expenditure against construction estimate.	Expenditure against open canal sanction.	Total.	Charges to date.	Amount of sanctioned estimate.	Unspent balance of estimate.	
	RS.	RS.	RS.	RS.	RS.	RS.	RS.
Direct Charges.							
Works	4,63,179	1,617	4,64,796	65	6,135	6,135	4,64,861
Establishment	1,03,806	710	1,04,516	26	1,685	1,685	1,04,542
Tools and plant	3,713	15	3,728	..	124	124	3,728
Suspense account	..	..	..	..	..	..	..
Total	5,70,698	2,342	5,73,040	91	8,009	7,918	5,73,131
Less—Receipts on Capital account	1,732	..	1,732	..	..	..	1,732
Net Total	5,68,966	2,342	5,71,308	91	8,009	7,918	5,71,399
Indirect Charges.							
Capitalized abatement of land revenue	15,104	..	15,104	..	..	..	15,104
Leave and pension allowances	14,532	99	14,631	..	..	..	14,631
Audit and account	..	16	16	..	62	62	16
Total	29,636	115	29,751	..	62	62	29,751
Grand Total	5,98,602	2,457	6,01,059	91	8,071	7,980	6,01,150

The construction estimate of the project was closed in 1901–1902 and the completion report approved in G.O. No. 196 L, dated 14th July 1922.

DONDAPAD TANK—*Tank Project.*

No. 2.—Capital Account for and to end of 1935–1936.

[Vide details on page 190 of the Administrative Accounts for 1934–35.]

DONDAPAD TANK—*Tank Project*—cont.
No. 3.—Revenue Account for and to end of 1935–1936.

Receipts.	Total.		Charges.	Total.	
	During the year. RS.	To end of the year. RS.		During the year. RS.	To end of the year. RS.
I. DIRECT RECEIPTS—			I. EXTENSIONS AND IMPROVEMENTS—		
5. Receipts from plantations ..	..	165	(1) Head works ..	..	73
6. Receipts from other canal produce ..	..	635	(2) Main canals and branches ..	..	..
II. Miscellaneous ..	..	256	(3) Distributaries ..	..	722
			(4) Drainage and productive works ..	..	..
			(5) Special tools and plant ..	..	..
			Total ..	..	795
Total, Revenue realized in Public Works Department ..	..	1,056	II. MAINTENANCE AND REPAIRS—		
Irrigation Revenue realized in Civil Department ..	857	26,848	(1) Head works ..	..	7,216
Total, Direct Receipts ..	857	27,904	(2) Main canals and branches ..	..	149
			(3) Distributaries ..	..	3,683
III. INDIRECT RECEIPTS—			(4) Drainage and productive works ..	..	..
Share of land revenue collected in the Civil Department ..	10	152	(5) Special tools and plant ..	..	..
			4dd—Unclassifiable outlay ..	..	..
Total, Public Works and Civil Departments, Revenue ..	867	28,056	Total ..	..	11,048
			Total, Extensions and Improvements and Maintenance and Repairs ..	..	11,843
			IV. ESTABLISHMENT ..	11 (a)	3,872
			V. TOOLS AND PLANT ..	..	34
			VI. REFUNDS OF REVENUE ..	..	..
			Total, Direct Charges ..	11	15,749
			Share of collection charges in the Civil Department ..	43	1,346
			Indirect charges ..	..	494
			Total, Direct and Indirect Charges ..	54	17,589
			Balance, net revenue ..	813	10,467
Total, Receipts ..	867	28,056	Grand Total ..	867	28,056

(a) Water Regulation Establishment.

DONDAPAD TANK—*Tank Project*—cont.

No. 4.—Interest Account for and to end of 1935-1936.

	Amount.		Amount.
	RS.		RS.
Total interest charges to end of 1934-1935	1,82,616	Net revenue realized to end of 1934-1935	9,654
* Total interest charges for the year 1935-1936	4,149	Net revenue realized .. during 1935-1936	813
Total	1,86,765	Balance, net interest charges	1,76,298
		Total	1,86,765
* Interest at 3·3252 per cent on the outlay to end of 1916-1917. Interest at 4·94 per cent on the outlay of Rs. nil from 1917-1918 to end of 1934-1935 plus half the outlay during 1935-1936	4,149		
Total	4,149		

No. 5.—Account of Indirect Charges for and to end of 1935-1936.

Particulars.	During the year. RS.	To end of the year. RS.
CAPITAL—		
Capitalization of abatement of land revenue	..	12,566
Leave and pension allowances	..	2,652
Total	..	15,218
REVENUE—		
Leave and pension allowances	..	482
Audit and accounts	..	12
Total	..	494
Grand Total	..	15,712

DONDAPAD TANK—*Tank Project*—cont.

No. 6.—Statement comparing Charges to date with Sanctioned Estimates.

Particulars.	CHARGES AGAINST CLOSED SANCTIONS.			CURRENT SANCTIONS.			Total charges to date against old and current sanctions.
	Expenditure against construction estimate.	Expenditure against open capital sanction.	Total.	Charges to date.	Amount of sanctioned estimate.	Unspent balance of estimate.	
Direct Charges.	RS.	RS.	RS.				RS.
Works	96,521	9,327	1,05,848	..	..	..	1,05,848
Establishment	17,917	1,928	18,945	..	..	..	18,945
Tools and plant	..	..	..	..	..	..	..
Suspense account	..	..	..	..	..	..	..
Total	1,13,538	11,255	1,24,793	..	..	..	1,24,793
Less—Receipts on Capital account	7	..	7	..	..	..	7
Net Total	1,13,531	11,255	1,24,786	..	..	..	1,24,786
Indirect Charges.							
Capitalized abatement of land revenue	12,062	504	12,566	..	..	..	12,566
Leave and pension allowances	2,382	270	2,652	..	..	..	2,652
Total	14,444	774	15,218	..	..	..	15,218
Grand Total	1,27,975	12,029	1,40,004	..	..	..	1,40,004

The construction estimate of the project was closed on 31st March 1933 and the completion report approved in G.O. No. 61 I, dated 6th February 1914.

YERUR TANK—*Tank Project*—cont.

No. 4.—Interest Account for and to end of 1935-1936.

	Amount. RS.		Amount. RS.
Total interest charges to end of 1934-1935	63,443	Net revenue realized to end of 1934-1935	29,998
*Total interest charges for the year 1935-1936	2,053	Net revenue realized .. during 1935-1936	2,669
		Balance, net interest charges ..	32,834
Total ..	65,501	Total ..	65,501
*Interest at 3·3252 per cent on the outlay to end of 1916-1917 ..			
Interest at 4·94 per cent on the outlay of Rs. nil from 1917-1918 to end of 1934-1935 plus half the outlay during 1935-1936	2,053		
Total ..	2,053		

No. 5.—Account of Indirect Charges for and to end of 1935-1936.

Particulars.		During the year. RS.	To end of the year. RS.
CAPITAL—			
Leave and pension allowances		..	1,612
Total ..	..	..	1,612
REVENUE—			
Leave and pension allowances		..	387
Audit and accounts		4	41
Total ..	..	4	428
Grand Total ..	..	4	2,040

YERUR TANK—*Tank Project*—cont.

No. 6.—Statement comparing Charges to date with Sanctioned Estimates.

Particulars.	CHARGES AGAINST CLOSED SANCTIONS.			CURRENT SANCTIONS.			Total charges to date against old and current sanctions.
	Expenditure against construction estimate.	RS.	Expenditure against open canal sanction.	RS.	Charges to date.	Amount of sanctioned estimate.	Unspent balance of estimate.
<i>Direct Charges.</i>							
Works ..	48,303	..	1,916	50,219	..	..	..
Establishment ..	11,110	..	412	11,522	..	..	..
Tools and plant ..	..	..	..	..	..	..	..
Suspense account ..	..	..	..	..	..	..	..
Total ..	59,413	..	2,328	61,741	..	..	61,741
Less—Receipts on capital account ..	..	..	..	..	..	..	..
Net Total ..	59,413	..	2,328	61,741	..	..	61,741
<i>Indirect Charges.</i>							
Capitalized abatement of land revenue ..	..	..	..	..	..	..	..
Leave and Pension allowances ..	1,555	..	57	1,612	..	..	1,612
Total ..	1,555	..	57	1,612	..	..	1,612
Grand Total ..	60,968	..	2,385	63,353	..	..	63,353

The construction estimate of the project was closed on 31st March 1907 and the completion report approved in G.O. No. 322 L., dated 16th October 1911.

SAGILERU SYSTEM—Canal Project.

No. 2.—Capital Account for and to end of 1935–1936.

[Vide details on page 198 of the Administration Accounts for 1934–35.]

ADMINISTRATIVE ACCOUNTS
FOR THE YEAR 1935–1936.SAGILERU SYSTEM—Canal Project—cont.
No. 3.—Revenue Account for and to end of 1935–1936.

Receipts.	TOTAL.		Charges.	
	During the year. RS.	To end of the year. RS.	During the year. RS.	To end of the year. RS.
DIRECT RECEIPTS—				
5. Receipts from plantations.	..	53	I. EXTENSIONS AND IMPROVEMENTS—	
6. Receipts from other canal produce	13	292	(1) Head works	1,180
9. Rents of buildings ..	55	1,102	(2) Main canals and branches	9,370
Recoveries of expenditure ..	..	31	(3) Distributaries	693
11. Miscellaneous and other receipts	..	171	(4) Drainage and protective works	..
Total, Revenue realized in Public Works Department	68	1,649	(5) Special tools and plant	..
Irrigation Revenue realized in Civil Department	8,235	83,310	Total	11,243
Total, Direct Receipts ..	8,303	84,959	II. MAINTENANCE AND REPAIRS—	
			(1) Head works	321
			(2) Main canals and branches	4,288
			(3) Distributaries	..
			(4) Drainage and protective works	..
			(5) Special tools and plant	..
			Total	11,581
			Total, Extensions and Improvements and Maintenance and Repairs	1,06,634
			IV. ESTABLISHMENT	5,590
			V. TOOLS AND PLANT	..
			VI. REFUNDS OF REVENUE	..
			Total, Direct Charges	1,22,805
				1,34,048
				37,177
				548
				..
				1,71,773

SAGILERU SYSTEM—Canal Project—cont.
No. 3.—Revenue Account for and to end of 1935-1936—cont.

Receipts.	TOTAL.		Charges.	TOTAL.	
	During the year. RS.	To end of the year. RS.		During the year. RS.	To end of the year. RS.
14. INDIRECT RECEIPTS—					
Share of land revenue collected in the Civil Department	26	372	Share of collection charges in the Civil Department	413	4,184
Total, Public Works and Civil Departments, Revenue ..	8,329	85,331	Indirect charges	46	4,204
Net deficit, if any	— 5,009	32,602	Total, Direct and Indirect Charges * Deduct old maintenance charges saved to Government	5,928	1,80,161
			Balance, Net revenue	2,608	62,228
Total	3,320	1,17,933	Net Total	3,320	1,17,933
			Grand Total	3,320	1,17,933
* Direct—					
Extensions and Improvements	..	500	Indirect	..	22
Maintenance and Repairs	..	1,685	Total, Direct and Indirect	..	2,608
Establishment	..	399			
Tools and plant	..	2			
Total, Direct	..	2,586			

SAGILERU SYSTEM—Canal Project—cont.

No. 4.—Interest Account for and to end of 1935-1936.

	Amount. RS.		Amount. RS.
Total interest charges to end of 1934-1935	6,23,267	Net revenue realized to end of 1934-1935	— 37,611
Total interest charges for the year 1935-1936—		Net revenue realized .. during 1935-1936	5,009
Interest at 3·3252 per cent on the outlay to end of 1916-1917 ..	14,867	Balance, net interest charges ..	6,70,736
Interest at 4·94 per cent on the outlay of Rs. nil from 1917-1918 to end of 1934-1935 + half the outlay during 1935-1936 ..	Nil.		
Total	6,38,134	Total	6,38,134

No. 5.—Account of Indirect Charges for and to end of 1935-1936.

Particulars.	During the year. RS.	To end of the year. RS.
CAPITAL—		
Capitalization of abatement of land revenue	..	6,372
Leave and pension allowances	..	11,247
Total	..	17,619
REVENUE—		
Leave and pension allowances	..	3,540
Audit and accounts	46	664
Total	46	4,204
Grand Total	46	21,823

SAGILERU SYSTEM—Canal Project—cont.

No. 6.—Statement comparing Charges to date with Sanctioned Estimates.

Particulars.	CHARGES AGAINST CLOSED SANCTIONS.		CURRENT SANCTIONS.			Total charges to date against old and current sanctions.
	Expenditure against construction estimate.	Expenditure against open canal sanction.	Total.	Charges to date.	Amount of sanctioned estimate.	
	RS.		RS.			RS.
<i>Direct Charges.</i>						
Works ..	3,54,321	..	3,54,321	..	..	3,54,321
Establishment ..	80,339	..	80,339	..	..	80,339
Tools and plant ..	12,449	..	12,449	..	..	12,449
Suspense account ..	..	..	..	..	..	..
Total ..	4,47,109	..	4,47,109	..	..	4,47,109
<i>Less—Receipts on capital account ..</i>	1	..	1	..	..	1
Net Total ..	4,47,108	..	4,47,108	..	..	4,47,108
<i>Indirect Charges.</i>						
Capitalized abatement of land revenue ..	6,372	..	6,372	..	..	6,372
Leave and pension allowances ..	11,247	..	11,247	..	..	11,247
Total ..	17,619	..	17,619	..	..	17,619
Grand Total ..	4,64,727	..	4,64,727	..	..	4,64,727

The construction estimate of the project was closed on 31st March 1907 and the completion report approved in G.O. No. 193 I., dated 31st March 1913.

ATMAKUR TANK—Tank Project.

No. 2.—Capital Account for and to end of 1935-1936.

[Vide details on page 203 of the Administrative accounts for 1934-35.]

ATMAKUR TANK—Tank Project—cont.
No. 3.—Revenue Account for and to end of 1935–1936.

Receipts.	TOTAL.		Charges.	TOTAL.	
	During the year. RS.	To end of the year. RS.		During the year. RS.	To end of the year. RS.
I. DIRECT RECEIPTS—					
3. Sale of water .. .	..	..	I. EXTENSIONS AND IMPROVEMENTS—	..	766
4. Water-supply of towns ..	..	..	(1) Head works	..	..
5. Receipts from plantations ..	..	..	(2) Main canals and branches ..	..	136
6. Receipts from other canal produce	..	28	(3) Distributaries	..	..
8. Navigation receipts ..	..	..	(4) Drainage and protective works ..	..	..
9. Rents of buildings ..	..	..	(5) Special tools and plant ..	..	..
10. Fines	..	..	Total	..	902
11. Miscellaneous	..	7	II. MAINTENANCE AND REPAIRS—	..	7,495
Total, Revenue realized in the Public Works Department ..	..	30	(1) Head works	153	3,173
Irrigation Revenue realized in Civil Department	1,958	52,758	(2) Main canals and branches ..	185	3,472
Total, Direct Receipts.	1,958	52,788	(3) Distributaries	..	..
			(4) Drainage and protective works ..	..	..
			(5) Special tools and plant	..	..
			Add—Unclassifiable outlay ..	..	..
			Total	338	14,140
			Total, Extensions and Improvements and Maintenance and Repairs	338	15,042
			IV. ESTABLISHMENT	212	6,371
			V. TOOLS AND PLANT	..	70
			Deduct—Recoveries on Revenue account ..	..	100
			Total, Direct Charges	550	21,383
			Share of collection charges in the Civil Department	98	2,637
			Indirect charges	3	653
			Total, Direct and Indirect Charges ..	651	24,673
			Balance, net revenue	1,307	28,115
			Grand Total	1,958	52,788
II. INDIRECT RECEIPTS—					
Share of Land Revenue collected in the Civil Department ..	..	..			
Total, Public Works and Civil Departments—Revenue ..	1,958	52,788			
Total Receipts ..	1,958	52,788			

ATMAKUR TANK—Tank Project—cont.
No. 4.—Interest Account for and to end of 1935–1936.

	Amount.			Amount.	
	RS.			RS.	
Total interest charges to end of 1934–1935	1,14,566		Net revenue realized to end of 1934–1935	26,808	
Total interest charges for the year 1935–1936—			Net revenue realized during 1935–1936	1,307	
Interest at 3.3252 per cent on the outlay to end of 1916–1917	3,656		Balance, net interest charges ..	90,200	
Interest at 4.94 per cent on the outlay of Rs. 2,008 from 1917–1918 to end of 1934–1935 + half the outlay during 1935–1936	99				
Total	1,18,321		Total	1,18,321	

No. 5.—Account of Indirect Charges for and to end of 1935–1936.

Particulars.	During the year. RS.	To end of the year. RS.
CAPITAL—		
Capitalization of abatement of land revenue	..	10,802
Leave and pension allowances	..	2,626
Audit	..	16
Total	..	13,444
REVENUE—		
Leave and pension allowances	..	551
Audit and accounts	3	102
Total	3	653
Grand Total	3	14,097

ATMAKUR TANK Tank Project—cont.

No. 6.—Statement comparing Charges to date with Sanctioned Estimates.

Particulars.	CHARGES AGAINST CLOSED SANCTIONS.			CURRENT SANCTIONS.			Total charges to date against old and current sanctions.
	Expenditure against construction estimate.	Expenditure against open canal sanction.	Total.	Charges to date.	Amount of sanctioned estimate.	Unspent balance of estimate.	
	RS.	RS.	RS.				RS.
<i>Direct Charges.</i>							
Works ..	91,202	1,563	92,765	..	..	..	92,765
Establishment ..	18,749	442	19,191	..	..	..	19,191
Tools and plant ..	..	3	3	..	..	..	3
Suspense account ..	..	..	..	..	..	..	..
Total ..	1,09,951	2,008	1,11,959	..	..	..	1,11,959
<i>Less—Receipts on Capital account ..</i>	..	..	..	..	..	..	..
Net Total ..	1,09,951	2,008	1,11,959	..	..	..	1,11,959
<i>Indirect Charges.</i>							
Capitalized abatement of land revenue ..	10,802	..	10,802	..	..	..	10,802
Leave and pension allowances ..	2,626	.. 16	2,626 16	..	..	..	2,626 16
Audit and accounts ..	..	..	..	..	..	..	..
Total ..	13,428	16	13,444	..	..	..	13,444
Grand Total ..	1,23,379	2,024	1,25,403	..	..	..	1,25,403

The construction estimate of the project was closed on 31st August 1907 and the completion report approved in G.O. No. 74 I, dated 13th February 1914.

JANGAMAHESWARAPURAM TANK—*Tank Project.*

No. 2.—Capital Account for and to end of 1935-1936.

[Vide details on page 207 of the Administrative accounts for 1934-35.]

JANGAMAHESWARAPURAM TANK—*Tank Project*—cont.
No. 3.—Revenue Account for and to end of 1935–1936.

Receipts.	TOTAL.		Charges.
	During the year. RS.	To end of the year. RS.	
I. DIRECT RECEIPTS—			
5. Receipts from plantations.			I. EXTENSIONS AND IMPROVEMENTS—
6. Receipts from other canal produce	..	2	(1) Head works
11. Miscellaneous	..	1,369	(2) Main canals and branches
Total, Revenue realized in Public Works Department	..	14	(3) Distributaries
			(4) Drainage and protective works
			(5) Special tools and plant
			Total
			II. MAINTENANCE AND REPAIRS—
			(1) Head works
			(2) Main canals and branches
			(3) Distributaries
			(4) Drainage and protective works
			(5) Special tools and plant
			Add—Unclassifiable outlay
			Total
			Total, Extensions and Improvements and Maintenance and Repairs
			IV. ESTABLISHMENT
			V. TOOLS AND PLANT
			VI. REFUNDS OF REVENUE
			Total, Direct Charges
			Share of collection charges in the Civil Department
			Indirect charges
			Total, Direct and Indirect Charges
			Balance, net revenue
			Grand Total
(a) Total, Receipts	362	23,009	

JANGAMAHESWARAPURAM TANK—*Tank Project*—cont.

No. 4.—Interest Account for and to end of 1935–1936.

	Amount. RS.		Amount. RS.
Total interest charges to end of 1934–1935	65,538	Net revenue realized to end of 1934–1935	10,513
Total interest charges for the year 1935–1936—		Net revenue realized during 1935–1936	280
Interest at 3·3252 per cent on the outlay to end of 1916–1917	2,034	Balance, net interest charge	56,783
Interest at 4·94 per cent on the outlay of Rs. 81 from 1917–1918 to end of 1934–1935 plus half the outlay during 1935–1936.	4		
Total	67,576	Total	67,576

No. 5.—Account of Indirect Charges for and to end of 1935–1936.

Particulars.	During the year. RS.	To end of the year. RS.
CAPITAL—		
Capitalization of abatement of land revenue	..	9,184
Leave and pension allowances	..	1,217
Total	..	10,411
REVENUE—		
Leave and pension allowances	..	317
Audit and accounts	..	33
Total	..	350
Grand Total	..	10,761

JANGAMAHESWARAPURAM TANK—*Tank Project*—cont.

No. 6.—Statement comparing Charges to date with Sanctioned Estimates.

Particulars.	CHARGES AGAINST CLOSED SANCTIONS.			CURRENT SANCTIONS.			Total Charges to date against old and current sanctions.
	Expenditure against construction estimate.	Expenditure against open canal sanction.	Total.	Charges to date.	Amount of sanctioned estimate.	Unspent balance of estimate.	
	RS.	RS.	RS.				RS.
<i>Direct Charges.</i>							
Works ..	50,980	1,584	52,564	..	..	..	52,564
Establishment ..	8,352	337	8,689	..	..	..	8,689
Tools and Plant ..	..	..	..	..	..	..	..
Suspense account ..	..	..	..	..	..	..	..
Total ..	59,332	1,921	61,253	..	..	..	61,253
<i>Less—Receipts on Capital account ..</i>	..	..	..	..	..	..	..
Net Total ..	59,332	1,921	61,253	..	..	..	61,253
<i>Indirect Charges.</i>							
Capitalized abatement of land revenue ..	9,194	..	9,194	..	..	..	9,194
Leave and pension allowances ..	1,170	47	1,217	..	..	..	1,217
Total ..	10,364	47	10,411	..	..	..	10,411
Grand Total ..	69,696	1,968	71,664	..	..	..	71,664

The construction estimate of the project was closed on 31st March 1908 and the completion report approved in G.O. No. 229 I., dated 23rd May 1914.

ANAMASAMUDRAM-BERAPERU TANK—*Tank Project*.

No. 2.—Capital Account for and to end of 1935–1936.

[Vide details on page 211 of the Administrative accounts for 1934–35.]

ANAMASAMUDRAM-BERAPERU TANK—*Tank Project—cont.*

No. 3.—Revenue Account for and to end of 1935-1936.

Receipts.	TOTAL.		Charges.	TOTAL.	
	During the year. RS.	To end of the year. RS.		During the year. RS.	To end of the year. RS.
I. DIRECT RECEIPTS—			I. EXTENSIONS AND IMPROVEMENTS—		
6. Receipts from other canal produce	..	..	(1) Head works	..	38
			(2) Main canals and branches	..	..
			(3) Distributaries	..	..
			(4) Drainage and protective works	..	..
			(5) Special tools and plant	..	..
			Total	..	388
9. Rents of buildings	..	..	II. MAINTENANCE AND REPAIRS—		
11. Miscellaneous	..	32	(1) Head works	492	8,024
			(2) Main canals and branches	..	3,205
			(3) Distributaries	..	..
			(4) Drainage and protective works	..	..
			(5) Special tools and plant	..	..
			Add—Unclassifiable outlay	..	..
			Total	492	11,229
Total Revenue realized in Public Works Department	— 1,987	— 1,632	Total Extensions and Improvements and Maintenance and Repairs	492	11,617
Irrigation revenue realized in Civil Department	— 1,987	— 1,650	IV. ESTABLISHMENT	196	3,231
Total, Direct Receipts	— 1,987	— 1,650	V. TOOLS AND PLANT	1	45
			VI. REFUNDS OF REVENUE	..	..
II. INDIRECT RECEIPTS—			Total, Direct Charges	689	14,893
Share of land revenue collected in the Civil Department	1	28	Share of collection charges in the Civil Department	— 99	— 80
			Indirect charges	5	203

ADMINISTRATIVE ACCOUNTS
FOR THE YEAR 1935-36.

Total, Public Works and Civil Departments, Revenue	— 1,986	— 1,622	Total, Direct and Indirect Charges	595	15,016
			* Deduct—		
			Old maintenance charges saved to Government	899	17,126
			Balance, net revenue	— 304	— 2,110
			Net Total	— 1,652	488
			Grand Total	— 1,986	— 1,622
Total	— 1,986	— 1,622			
			* Direct—		
			Extension- and improvements	28	
			Maintenance and repairs	612	
			Establishment	251	
			Tools and plant	1	
Indirect	..	..	Total, Direct	892	
			Total, Direct and Indirect	7	
				899	

ANAMASAMUDRAM-BERAPERU TANK—*Tank Project*—cont.

No. 4.—Interest Account for and to end of 1935-1936.

	Amount.		Amount.
	RS.		RS.
Total interest charges to end of 1934-1935	68,017	Net revenue realized to end of 1934-1935	2,170
Total interest charges for the year 1935-1936	2,384	Net revenue realized during 1935-1936	— 1,682
		Balance, net interest charges	69,913
Total ..	70,401	Total ..	70,401

* Interest at 3.3252 per cent on the outlay to end of 1916-1917 2,384
 Interest at 4.94 per cent on the outlay of rupees nil from 1917-1918 to end of 1934-1935 plus half the outlay during 1935-1936
 Total .. 2,384

No. 5.—Account of Indirect Charges for and to end of 1935-1936.

Particulars.	During the year.	To end of the year.
	RS.	RS.
CAPITAL—		
Capitalization of abatement of land revenue	..	30
Leave and pension allowances	..	1,856
Total	..	1,886
REVENUE—		
Leave and pension allowances	..	115
Audit and Accounts	5	88
Total	5	203
Grand Total	5	2,089

ANAMASAMUDRAM-BERAPERU TANK—*Tank Project*—cont.

No. 6.—Statement comparing Charges to date with Sanctioned Estimates.

Particulars.	CHARGES AGAINST CLOSED SANCTIONS.			CURRENT SANCTIONS.			Total charges to date against old and current sanctions.
	Expenditure against construction estimate.	Expenditure against open canal sanction.	Total*	Charges to date.	Amount of sanctioned estimate.	Unspent balance of estimate.	
	RS.	RS.	RS.				RS.
<i>Direct Charges.</i>							
Works							
Establishment ..	52,139	6,282	58,421	..	..	..	58,421
Tools and plant ..	11,915	1,351	13,266	..	..	..	13,266
Suspense account ..	..	..	..	..	..	..	..
Total ..	64,054	7,633	71,687	..	..	..	71,687
Less—Receipts on Capital account ..	..	..	..	..	..	..	..
Net Total ..	64,054	7,633	71,687	..	..	..	71,687
<i>Indirect Charges.</i>							
Capitalized abatement of land revenue ..	30	..	30	..	..	..	30
Leave and pension allowances ..	1,667	189	1,856	..	..	..	1,856
Total ..	1,697	189	1,886	..	..	..	1,886
Grand Total ..	65,751	7,822	73,573	..	..	..	73,573

The construction estimate of the project was closed on 31st March 1910 and the completion report approved in G.O. No. 90 I., dated 5th March 1912.

HAJIPURAM TANK—*Tank Project.*

No. 2.—Capital Account for and to end of 1935–1936.

[Vide details on page 216 of the Administrative Accounts
for 1934–1935.]HAJIPURAM TANK—*Tank Project*—cont.

No. 3.—Revenue Account for and to end of 1935–1936.

Receipts.	TOTAL.		Charges.	TOTAL.	
	During the year. RS.	To end of the year RS.		During the year. RS.	To end of the year. RS.
I. DIRECT RECEIPTS—					
Receipts from other canal pro- duce.	..	101	EXTENSIONS AND IMPROVEMENTS—	..	1,258
Miscellaneous	..	11,890	(1) Head works	..	..
			(2) Main canals and branches	..	..
			(3) Distributaries	..	130
			(4) Drainage and protective works	..	..
			(5) Special tools and plant	..	1,388
			Total	..	..
Total, Revenue realized in Public Works Department	..	11,991	II. MAINTENANCE AND REPAIRS—	104	8,814
Irrigation Revenue realized in Civil Department	1,585	62,727	(1) Head works	..	83
			(2) Main canals and branches	..	232
			(3) Distributaries	..	..
			(4) Drainage and protective works	..	..
			(5) Special tools and plant	..	..
Total, Direct Receipts	1,585	74,718	Add—Unclassifiable outlay	..	..
II. INDIRECT RECEIPTS—			Total	104	9,129
Share of land revenue collected in the Civil Department	70	446	Total, Extensions and Improvements and Maintenance and Repairs	104	10,517
			IV. ESTABLISHMENT	131	4,298
			V. TOOLS AND PLANT	..	68
Total, Public Works and Civil Departments, Revenue	1,655	75,164	VI. REFUNDS OF REVENUE	..	..
			Total, Direct Charges	235	14,883
Total, Receipts	1,655	75,164	Share of collection charges in the Civil Department	82	3,158
			Indirect charges	1	367
			Total, Direct and Indirect Charges. Balance, net revenue	318	18,408
				1,337	56,756
			Grand Total	1,655	75,164

HAJIPURAM TANK—*Tank Project*—cont.

No. 4.—Interest Account for and to end of 1935-1936.

	Amount.		Amount.
	RS.		RS.
Total interest charges to end of 1934-1935	2,78,536	Net revenue realized to end of 1934-1935	55,419
* Total interest charges for the year 1935-1936	9,270	Net revenue realized during 1935-1936	1,337
		Balance, net interest charges ..	2,31,950
Total ..	2,87,806	Total ..	2,87,806

	RS.
* Interest at 3.3252 per cent on the outlay to end of 1916-1917 ..	9,270
Interest at 4.94 per cent on the outlay of Rs. nil from 1917-1918 to end of 1934-1935 plus half the outlay during 1935-1936 ..	..
Total ..	9,270

No. 5.—Account of Indirect Charges for and to end of 1935-1936.

Particulars	During the year.	To end of the year.
	RS.	RS.
CAPITAL—		
Capitalization of abatement of land revenue ..	..	26,346
Leave and pension allowances	..	6,763
Total ..	..	33,109
REVENUE—		
Capitalization of abatement of land revenue ..	..	105
Leave and pension allowances	..	171
Audit and accounts	1	91
Tot ..	1	367
Grand Total ..	1	33,476

HAJIPURAM TANK—*Tank Project*—cont.

No. 6.—Statement comparing Charges to date with Sanctioned Estimates.

Particulars.	CHARGES AGAINST CLOSED SANCTIONS.		CURRENT SANCTIONS.			Total charges to date against old and current sanctions.
	Expenditure against construction estimate.	Expenditure against open canal sanction.	Charges to date.	Amount of sanctioned estimate.	Unspent balance of estimate.	
	RS.	RS.				RS.
Direct Charges.						
Works ..	2,23,024	2,662	..	..	..	2,30,686
Establishment ..	47,880	428	..	..	..	48,308
Tools and plant ..	..	..	..	..	..	..
Suspense account ..	..	..	..	..	..	..
Total ..	2,75,904	3,090	..	..	..	2,78,994
Less—Receipts on Capital account ..	220	..	..	..	..	220
Net Total ..	2,75,684	3,090	..	..	..	2,78,774
Indirect Charges.						
Capitalized abatement of land revenue ..	25,879	467	..	..	..	26,346
Leave and pension allowances ..	6,703	60	..	..	..	6,763
Total ..	32,582	527	..	..	..	33,109
Grand Total ..	3,08,266	3,617	..	..	..	3,11,883

The construction estimate of the project was closed on 31st March 1911 and the completion report approved in G. O. No. 31 I., dated 25th January 1912.

PONNALUR TANK—*Tank Project.*

No. 2.—Capital Account for and to end of 1935-1936.

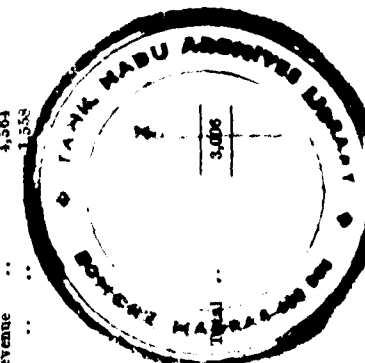
[Vide details on page 220 of the Administrative Accounts
for 1934-1935.]

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1935-1936.

MADRAS PRESIDENCY.

PONNALUR TANK—*Tank Project*—cont.
 No. 3.—Revenue Account for and to end of 1935-1936.

Receipts.	TOTAL.		Charges.	TOTAL.	
	During the year, RS.	To end of the year, RS.		During the year, RS.	To end of the year, RS.
I. LOCAL RECEIPTS—					
5. Receipts from plantations.	..	..	(1) Headworks	7	10,471
6. Receipts from other canal produce	..	..	(2) Main canals and branches	..	..
11. Miscellaneous	..	176	(3) Distributaries	..	..
Recoveries of expenditure	1	1	(4) Drainage and protective works	..	..
Deduct—Refunds	..	22	(5) Special tools and plant	..	..
			Total	7	10,471
Total Revenue realized in Public Works Department	1	185	II. MAINTENANCE AND REPAIRS—		
Irrigation revenue realized in Civil Department	4,563	1,14,601	(1) Headworks	1,894	69,988
			(2) Main canals and branches	..	18,071
Total, Direct Receipts	4,564	1,14,756	(3) Distributaries	..	..
			(4) Drainage and protective works	..	..
			(5) Special tools and plant	..	..
			Add—Unclassifiable outlay	..	..
II. INDIRECT RECEIPTS—			Total	1,894	88,059
Share of land revenue collected in the Civil Department	..	..	Total, Extensions and Improvements and Maintenance and Repairs	1,901	98,530
Total, Public Works and Civil Departments, Revenue	4,564	1,14,756	IV. ESTABLISHMENT	845	27,069
Net deficit, if any	1,553	19,471	V. TOOLS AND PLANT	3	262
			VI. REFUNDS OF REVENUE	..	..
			Total, Direct Charges	2,759	1,25,801
			Share of collection charges in the Civil Department	228	5,733
			Indirect charges	19	2,633
			Total, Direct and Indirect Charges	3,006	1,34,227
			Balance, net revenue	..	..
			Grand Total	3,006	1,34,227



PONNALUR TANK—*Tank Project*—cont.

No. 4.—Interest Account for and to end of 1935–1936.

Amount.	Amount.
RS.	RS.
Total interest charges to end of 1934–1935 ..	Net revenue realized to end of 1934–1935 ..
1,97,833	— 21,029
* Total interest charges for the year 1935–1936 ..	Net revenue realized during 1935–1936 ..
6,847	+ 1,558
	2,23,951
Total ..	2,04,480
	2,04,480
	RS.
	Interest at 3·3252 per cent on the outlay to end of 1916–1917 ..
	5,532
	Interest at 4·94 per cent on the outlay of Rs. 26,613 from 1917–1918 to end of 1934–1935 plus half the outlay during 1935–1936 ..
	1,315
	Total ..
	6,847

No. 5.—Account of Indirect Charges for and to end of 1935–1936.

Particulars.	During the year.	To end of the year.
	RS.	RS.
CAPITAL—		
Capitalization of abatement of land revenue ..	..	21,230
Leave and pension allowances ..	..	4,431
Audit and accounts ..	..	13
Total ..	..	25,674
REVENUE—		
Leave and pension allowances ..	..	2,186
Audit and accounts ..	..	447
Total ..	19	2,633
Grand Total ..	19	28,307

PONNALUR TANK—*Tank Project*—cont.
No. 6.—Statement comparing Charges to date with Sanctioned Estimates.

Particulars.	CHARGES AGAINST CLOSED SANCTIONS.		CURRENT SANCTIONS.		Total charges to date against old and current sanctions.
	Expenditure against construction estimate.	Expenditure against open canal sanction.	Charges to date.	Amount of sanctioned estimate.	
	RS.	RS.			RS.
<i>Direct Charges.</i>					
Works ..	1,39,349	21,914	..	..	1,61,263
Establishment ..	27,013	4,945	..	..	31,958
Tools and plant ..	..	54	..	..	54
Suspense account ..	..	..	..	..	..
Total ..	1,66,362	26,913	..	..	1,92,975
<i>Less—Receipts on Capital account ..</i>	..	..	..	..	..
Net Total ..	1,66,362	26,913	..	..	1,92,975
<i>Indirect Charges.</i>					
Capitalized abatement of land revenue ..	21,230	..	..	..	21,230
Leave and pension allowances ..	3,781	650	..	..	4,431
Audit and accounts ..	..	13	..	..	13
Total ..	25,011	663	..	..	25,674
Grand Total ..	1,91,373	27,576	..	..	2,18,649

The construction estimate of the project was closed on 31st March 1911 and the completion report approved in G.O. No. 293 I., dated 18th September 1911.

MARKAPUR TANK—*Tank Project.*

No. 2.—Capital Account for and to end of 1935-1936.

[Vide details on page 224 of the Administrative Accounts for 1934-35.]

ADMINISTRATIVE ACCOUNTS
FOR THE YEAR 1935-1936.

MARKAPUR TANK—*Tank Project*—cont.

No. 3.—Revenue Account for and to end of 1935-1936.

Receipts.	TOTAL.		Charges.	TOTAL.	
	During the year. RS.	To end of the year. RS.		During the year. RS.	To end of the year. RS.
I. DIRECT RECEIPTS—					
5. Receipts from plantations.	..	..	I. EXTENSIONS AND IMPROVEMENTS—		
6. Receipts from other canal produce	..	..	(1) Headworks	..	872
11. Miscellaneous	..	95	(2) Main canals and branches	5	6,705
	..	233	(3) Distributaries	..	105
	..	..	(4) Drainage and protective works	..	..
	..	..	(5) Special tools and plant	..	..
	..	..	Total	5	7,682
Total, Revenue realized in Public Works Department	..	328	II. MAINTENANCE AND REPAIRS—		
Irrigation Revenue realized in Civil Department	6,207	1,10,169	(1) Headworks	84	28,379
			(2) Main canals and branches	4,218	31,871
			(3) Distributaries	..	2,425
			(4) Drainage and protective works	..	..
			(5) Special tools and plant	..	..
			Total	4,302	62,675
			Total, Extensions and Improvements and Maintenance and Repairs	4,307	70,357
			IV. ESTABLISHMENT	904	21,298
			V. TOOLS AND PLANT	4	254
			VI. REFUNDS OF REVENUE	..	..
Total, Direct Receipts	6,207	1,10,497	Total, Direct Charges	5,215	91,909

MARKAPUR TANK—Tank Project—cont.

No. 6.—Statement comparing Charges to date with Sanctioned Estimates.

Particulars.	CHARGES AGAINST CLOSED SANCTIONS.			CURRENT SANCTIONS.			Total charges to date against old and current sanctions.
	Expenditure against construction estimate.	Expenditure against open canal sanction.	Total.	Charges to date.	Amount of sanctioned estimate.	Unspent balance of estimate.	
	RS.	RS.	RS.				RS.
<i>Direct Charges.</i>							
Works	94,107	7,267	1,01,374	..	..	..	1,01,374
Establishment	20,846	2,220	23,066	..	..	..	23,066
Tools and plant	..	41	41	..	..	..	41
Suspense account	..	..	..	..	..	..	..
Total	1,14,953	9,528	1,24,481	..	..	..	1,24,481
<i>Less—Receipts on Capital account.</i>	..	..	..	..	..	..	..
Net Total	1,14,953	9,528	1,24,481	..	..	..	1,24,481
<i>Indirect Charges.</i>							
Capitalized abatement of land revenue	..	1,595	1,595	..	..	..	1,595
Leave and pension allowances	2,918	288	3,206	..	..	..	3,206
Audit and accounts	..	58	58	..	..	..	58
Total	2,918	1,941	4,859	..	..	..	4,859
Grand Total	1,17,871	11,469	1,29,340	..	..	..	1,29,340

The construction estimate of the project was closed on 31st March 1911 and the completion report approved in G.O. No. 289 I., dated 1st August 1912.

NAGAVALLI RIVER SYSTEM—Canal Project.

No. 2.—Capital Account for and to end of 1935-1936.

Heads of account.	DIRECT CHARGES.		Cost of construction as now estimated.
	During the year.	To end of the year.	
	RS.	RS.	RS.
I. WORKS—			
(1) Head Works	..	4,71,344	4,71,344
(2) Main canals and branches	..	5,90,179	5,90,179
(3) Distributaries	7,926	2,57,835	2,74,774
(6) Special tools and plant. Maintenance during construction	..	16,500	16,500
Total, Works ..	7,926	13,35,858	13,52,797
II. ESTABLISHMENT	5,108	2,78,071	2,79,041
III. TOOLS AND PLANT	37	93,373	93,853
V. LESS RECEIPTS ON CAPITAL ACCOUNT	329	5,137	5,137
Net outlay in India and England	12,742	17,02,165	17,20,554

NAGAVALLI RIVER SYSTEM—Canal Project—cont.
No. 3.—Revenue Account for and to end of 1935-1936.

Receipts.	TOTAL.			Charges.		
	During the year. RS.	To end of the year. RS.		During the year. RS.	To end of the year. RS.	
I. DIRECT RECEIPTS—						
5. Receipts from plantations.	15	119	I. EXTENSIONS AND IMPROVEMENTS—			
6. Receipts from other canal produce	363	8,379	(1) Head works	..	1,778	
8. Navigation	..	1	(2) Main canals and branches	..	25,915	
9. Rents of buildings	85	2,709	(3) Distributaries	849	16,263	
11. Miscellaneous	193	4,683	(4) Drainage and protective works ..	..	..	
Recoveries of expenditure.	..	252	(5) Special tools and plant	..	..	
Deduct—Refunds	..	131	Total ..	849	43,976	
Total, Revenue realized in Public Works Department	656	16,012	II. MAINTENANCE AND REPAIRS—			
Irrigation Revenue realized in Civil Department	72,123	15,01,696	(1) Head works	2,739	1,00,224	
Total, Direct Receipts ..	72,779	15,17,708	(2) Main canals and branches ..	14,455	2,13,389	
			(3) Distributaries	1,241	55,483	
			(4) Drainage and protective works ..	..	390	
			(5) Special tools and plant	..	..	
			Add—Unclassifiable outlay ..	..	..	
			Total ..	18,515	3,70,091	
			Total, Extensions and Improvements and Maintenance and Repairs	19,364	4,14,067	
			IV. ESTABLISHMENT	14,695	1,94,592	
			V. TOOLS AND PLANT	91	5,857	
			VI. REFUNDS OF REVENUE	..	231	
			Total, Direct Charges.	34,150	6,14,797	

II. INDIRECT RECEIPTS—

Shares of land revenue collected in the Civil Department

Total, Public Works and Civil Departments, Revenue

Total, Receipts ..

Share of collection charges in the Civil Department

Indirect Charges

Total, Direct and Indirect Charges.

Deduct—Old maintenance charges saved to Government *

Net Total

Balance, net revenue

Grand Total

* Direct—

Extensions and Improvements

Maintenance and repairs

Establishment

Tools and plant

Indirect

Total, Direct

Total, Direct and Indirect

3,887
194
38,231
4,801
33,430
60,812
94,242

77,901
18,031
7,10,729
81,670
6,29,059
11,94,500
18,23,559

RS.
1,432
1,462
1,864
14
4,772
29
4,801

NAGAVALLI RIVER SYSTEM—Canal Project—cont.

No. 4.—Interest Account for and to end of 1935-1936.

Particulars.	Amount. RS.	Particulars.	Amount. RS.
Total interest charges to end of 1934-1935	14,96,752	Net revenue realized to end of 1934-1935	11,33,688
Total interest charges for the year 1935-1936—		Net revenue realized during 1935-1936	60,812
Interest at 3-3252 per cent on the outlay to end of 1916-1917	54,385	Balance net interest charges	3,59,613
Interest at 4-94 per cent on the outlay of Rs. 60,244 from 1917-1918 to end of 1934-1935 plus half the outlay during 1935-1936	2,976		
	57,361		
Total	15,54,113	Total	15,54,113

No. 5.—Account of Indirect Charges for and to end of 1935-1936.

Particulars.	During the year. RS.	To end of the year. RS.
CAPITAL—		
Capitalization of abatement of land revenue	40	4,382
Leave and pension allowances	..	37,815
Audit and accounts	79	309
Total	119	42,506
REVENUE—		
Capitalization of abatement of land revenue	..	..
Leave and pension allowances	..	15,600
Audit and accounts	194	2,431
Total	194	18,031
Grand Total	313	60,537

NAGAVALLI RIVER SYSTEM—Canal Project—cont.

No. 6.—Statement comparing Charges to date with Sanctioned Estimates.

Particulars.	CHARGES AGAINST CLOSED SANCTIONS.			CURRENT SANCTIONS.			Total charges to date against old and current sanctions.
	Expenditure against construction estimate.	Expenditure against open canal sanction.	Total.	Charges to date.	Amount of sanctioned estimate.	Unspent balance of estimate.	
<i>Direct Charges.</i>	RS.	RS.	RS.	RS.	RS.	RS.	RS.
Works	12,24,720	1,01,480	13,26,200	9,653	26,597	16,939	13,38,858
Establishment	2,42,924	23,950	2,66,874	6,197	7,167	970	2,78,071
Tools and plant	93,355	..	93,355	..	532	..	93,373
Suspense account	..	..	..	..	..	..	..
Total	15,60,999	1,30,396	16,91,395	15,907	34,296	18,389	17,07,302
Less—Receipts on Capital account	1,374	3,762	5,137	..	..	..	5,137
Net Total	15,59,625	1,26,633	16,86,258	15,907	34,296	18,389	17,02,165
<i>Indirect Charges.</i>							
Capitalized abatement of land revenue	3,273	1,109	4,382	..	2,195	2,195	4,382
Leave and pension allowances	34,009	3,806	37,815	..	..	..	37,815
Audit and accounts	..	213	213	96	266	170	309
Total	37,282	5,128	42,410	96	2,461	2,365	42,506
Grand Total	15,96,907	1,31,761	17,28,668	16,003	36,757	20,754	17,44,671

The construction estimate of the Project was closed on 31st December 1913 and the completion report approved in G.O. No. 71 L, dated 25th February 1920.

VENKATAPURAM TANK—*Tank Project.*

No. 2.—Capital Account for and to end of 1935-1936.

[Vide details in page 235 of the Administrative Accounts
for 1934-35.]ADMINISTRATIVE ACCOUNTS
FOR THE YEAR 1935-36.VENKATAPURAM TANK—*Tank Project*—cont.
No. 3.—Revenue Account for and to end of 1935-1936.

Receipts.	TOTAL.		Charges.	TOTAL.	
	During the year. RS.	To end of the year. RS.		During the year. RS.	To end of the year. RS.
I. DIRECT RECEIPTS—			I. EXTENSIONS AND IMPROVEMENTS—		
6. Receipts from other canal produce	..	..	(1) Head works	..	185
9. Rents of buildings	..	..	(2) Main canals and branches	..	158
11. Miscellaneous	..	..	(3) Distributaries	..	..
Total, Revenue realized in Public Works Department	..	..	(4) Drainage and protective works	..	..
Irrigation Revenue realized in Civil Department	1,233	12,390	Total	..	343
Total, Direct Receipts	1,233	12,390	II. MAINTENANCE AND REPAIRS—		
II. INDIRECT RECEIPTS—			(1) Head works	500	6,664
Share of land revenue collected in the Civil Department	38	190	(2) Main canals and branches	..	1,743
Total, Public Works and Civil Departments, Revenue	1,271	12,580	(3) Distributaries	..	..
Net deficit, if any	— 577	981	(4) Drainage and protective works	..	..
Total	694	13,561	Total	500	8,407
			Total, Extensions and Improvements and Maintenance and Repairs	500	8,750
			IV. ESTABLISHMENT	125	3,711
			V. TOOLS AND PLANT	1	54
			VI. REFUNDS OF REVENUE	..	..
			Total, Direct Charges	626	12,515
			Share of collection charges in the Civil Department	63	627
			Indirect Charges	5	419
			Total, Direct and Indirect Charges	694	13,561
			Balance, Net revenue	..	..
			Grand Total	694	13,561

VENKATAPURAM TANK—*Tank Project*—cont.

No. 4.—Interest Account for and to end of 1935–1936.

	Amount.		Amount.
	RS.		RS.
Total interest charges to end of 1934–1935	2,91,351	Net revenue realized to end of 1934–1935	— 1,558
* Total interest charges for the year 1935–1936	12,801	Net revenue realized during 1935–1936	577
Total	3,04,152	Balance, net interest charges	3,05,133
		Total	3,04,152
* Interest at 3.3252 per cent on the outlay to end of 1916–1917. Interest at 4.94 per cent on the outlay of Rs. 26,222 from 1917–1918 to end of 1934–1935 plus half the outlay during 1935–1936.	11,506		
	1,295		
Total	12,801		

No. 5.—Account of Indirect Charges for and to end of 1935–1936.

Particulars.	During the year. RS.	To end of the year. RS.
CAPITAL—		
Capitalization of abatement of land revenue	..	3,635
Leave and pension allowances	..	9,034
Audit and accounts	..	2
Total	..	12,671
REVENUE—		
Capitalization of abatement of land revenue	..	..
Leave and pension allowances	..	343
Audit and accounts	5	76
Total	5	419
Grand Total	5	13,090

VENKATAPURAM TANK—*Tank Project*—cont.

No. 6.—Statement comparing Charges to date with Sanctioned Estimates.

Particulars.	CHARGES AGAINST CLOSED SANCTION.		CURRENT SANCTIONS.			Total charges to date against land current sanctions.
	Expenditure against construction estimate.	Expenditure against open canal sanction.	Total.	Charges of date.	Amount of sanctioned estimate.	Unspent balance of estimate.
	RS.	RS.	RS.			RS.
<i>Direct Charges.</i>						
Works	3,00,808	3,186	3,03,994	..	..	3,03,994
Establishment	82,358	2,186	84,539	..	..	84,539
Tools and plant	4,205	31	4,236	..	..	4,236
Suspense account	..	..	..	..	..	..
Total	3,87,366	5,403	3,72,769	..	..	3,72,769
Less—Receipts on Capital Account	519	..	519	..	..	519
Net Total	3,86,847	5,403	3,72,250	..	..	3,72,250
<i>Indirect Charges.</i>						
Capitalized abatement of land revenue	3,627	8	3,635	..	..	3,635
Leave and pension allowances	8,728	306	9,034	..	..	9,034
Audit and accounts	..	2	2	..	..	2
Total	12,355	316	12,671	..	..	12,671
Grand Total	3,79,202	5,719	3,84,921	..	..	3,84,921

The construction estimate of the project was closed on 31st March 1918 and the completion report approved in G.O. No. 92-I, dated 11th March 1920.

BHAVANASI TANK—*Tank Project.*

No. 2.—Capital Account for and to end of 1935-1936.

[Vide details on page 239 of the Administrative Accounts for 1934-35.]

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1935-1936.

BHAVANASI TANK—Tank Project—cont.

No. 3.—Revenue Account for and to end of 1935-1936.

Receipts.	TOTAL.	
	During the year. RS.	To end of the year. RS.
I. DIRECT RECEIPTS—		
5. Receipts from plantations.	..	..
6. Receipts from other canal produce ..	5	242
Recoveries of expenditure ..	3	3
11. Miscellaneous ..	6	231
Total, Revenue realized in Public Works Department ..	14	478
Irrigation revenue realized in Civil Department ..	4,475	69,601
Total, Direct Receipts ..	4,489	70,077
II. INDIRECT RECEIPTS—		
Share of land revenue collected in the Civil Department ..	..	..
Total, Public Works and Civil Department, Revenue ..	4,489	70,077

Charges.	TOTAL.	
	During the year. RS.	To end of the year. RS.
I. EXTENSIONS AND IMPROVEMENTS—		
(1) Head works ..	..	734
(2) Main canals and branches ..	..	272
(3) Distributaries ..	527	4,380
(4) Drainage and protective works ..	..	..
(5) Special tools and plant ..	..	..
Total ..	527	5,386
II. MAINTENANCE AND REPAIRS—		
(1) Head works ..	1,316	9,610
(2) Main canals and branches ..	..	25,292
(3) Distributaries ..	6	4,527
(4) Drainage and protective works ..	..	1,309
(5) Special tools and plant ..	..	..
Add—Unclassifiable outlay ..	..	..
Total ..	1,322	40,738
Total, Extensions and Improvements and Maintenance and Repairs ..	1,849	46,124
IV. ESTABLISHMENT ..	785	18,341
V. TOOLS AND PLANT ..	8	280
VI. FUNDS OF REVENUE ..	..	..
Deduct—Recoveries on Revenue account ..	..	400
Total, Direct Charges ..	2,637	64,345
Share of collection charges in the Civil Department ..	224	3,479
Indirect Charges ..	19	1,719
Total, Direct and Indirect Charges ..	2,880	69,543
Balance, net revenue ..	1,609	534
Grand Total ..	4,489	70,077

BHAVANASI TANK—*Tank Project*—cont.

No. 4.—Interest Account for and to end of 1935–1936.

Particulars.	Amount. RS.	Amount. RS.
Total interest charges to end of 1934–1935 ..	1,90,207	—
* Total interest charges for the year 1935–1936 ..	9,682	1,075
Total ..	1,99,889	1,609
		1,99,355
		Total .. 1,99,889
		RS.
* Interest at 3.3252 per cent on the outlay to end of 1916–1917 ..		5,941
Interest at 4.94 per cent on the outlay of Rs. 75,718 from 1917–1918 to end of 1934–1935 plus half the outlay during 1935–1936 ..		3,741
Total ..		9,682

No. 5.—Account of Indirect Charges for and to end of 1935–1936.

Particulars.	During the year. RS.	To end of the year. RS.
CAPITAL—		
Capitalization of abatement of land revenue ..	..	5,027
Leave and pension allowances ..	..	6,034
Audit and accounts ..	..	35
Total ..	..	11,096
REVENUE—		
Capitalization of abatement of land revenue ..	..	1,282
Leave and pension allowances ..	..	437
Audit and accounts ..	19	1,719
Total ..	19	12,815
Grand Total ..	19	12,815

BHAVANASI TANK—*Tank Project*—cont.

No. 6.—Statement comparing Charges to date with Sanctioned Estimates.

Particulars.	CHARGES AGAINST CLOSED SANCTIONS.			CURRENT SANCTIONS.			Total charges to date against old and current sanctions. RS.
	Expenditure against construction estimate. RS.	Expenditure against open canal sanction. RS.	Total. RS.	Charges to date.	Amount of sanctioned estimate.	Unspent balance of estimate.	
Direct Charges.							
Works ..	1,92,434	3,445	1,95,879	..	..	..	1,95,879
Establishment ..	41,653	1,450	43,103	..	..	..	43,103
Tools and plant ..	25,960	..	25,960	..	..	..	25,960
Suspense account ..	..	..	..	..	..	..	..
Total ..	2,49,747	4,945	2,54,692	..	..	..	2,54,692
Less—Receipts on Capital account ..	166	131	297	..	..	..	297
Net Total ..	2,49,581	4,814	2,54,395	..	..	..	2,54,395
Indirect Charges.							
Capitalized abatement of land revenue ..	5,027	..	5,027	..	..	..	5,027
Leave and pension allowances ..	5,831	203	6,034	..	..	..	6,034
Audit and accounts ..	..	35	35	..	..	..	35
Total ..	10,858	238	11,096	..	..	..	11,096
Grand Total ..	2,60,439	5,052	2,65,491	..	..	..	2,65,491

The construction estimate of the project was closed on 31st March 1919 and the completion report approved in G.O. No. 138 L, dated 2nd May 1921.

YELLANUR TANK—*Tank Project.*

No. 2.—Capital Account for and to end of 1935-1936.
Vide details on page 243 of the Administrative accounts
for 1934-35.

YELLANUR TANK—Tank Project—cont.

No. 3.—Revenue Account for and to end of 1935-1936.

Receipts.	TOTAL.		Charges.	TOTAL.
	During the year. RS.	To end of the year. RS.		
I DIRECT RECEIPTS—				
Receipts from other canal produce	..	..	I. EXTENSIONS AND IMPROVEMENTS—	
			(1) Head works	..
			(2) Main canals and branches	..
			(3) Distributaries	..
			(4) Drainage and protective works	..
			(5) Special tools and plant	..
			Total	19
9. Rents of buildings	..	..	II. MAINTENANCE AND REPAIRS—	
11. Miscellaneous	..	..	(1) Head works	886
			(2) Main canals and branches	5,408
			(3) Distributaries	3,840
			(4) Drainage and protective works	242
			(5) Special tools and plant	27
Total, Revenue realized in Public Works Department	..	..	Total	9,515
Irrigation—Revenue realized in Civil Department	2,409	43,280	Total, Extensions and Improvements and Maintenance and Repairs	886
			IV. ESTABLISHMENT	254
			V. TOOLS AND PLANT	1
			VI. REFUNDS OF REVENUE	..
Total, Direct Receipts	2,409	43,280	Total, Direct Charges	1,141
II. INDIRECT RECEIPTS—			Share of collection charges in the Civil Department	151
Share of land revenue collected in the Civil Department	1,104	10,607	Indirect charges	9
			Total, Direct and Indirect Charges.	1,301
Total, Public Works and Civil Departments—Revenue	3,513	53,887		
			Balance, net revenue	2,212
Total, Receipts	3,513	53,887	Grand Total	3,513
				38,189
				53,887

YELLANUR TANK—Tank Project—cont.

No. 4.—Interest Account for and to end of 1935–1936.

Particulars.	Amount. RS.	Particulars.	Amount. RS.
Total interest charges to end of 1934–1935	1,93,094	Net revenue realized to end of 1934–1935	35,977
Total interest charges for the year 1935–1936—		Net revenue realized during 1935–1936	2,212
Interest at 3·3252 per cent on the outlay to end of 1916–1917	7,350	Balance, net interest charges	1,63,153
Interest at 4·94 per cent on the outlay of Rs. 18,162 from 1917–1918 to end of 1934–1935 plus half the outlay during 1935–1936	898		
Total	2,01,342	Total	2,01,342

No. 5.—Account of Indirect Charges for and to end of 1935–1936.

Particulars.	During the year. RS.	To end of the year. RS.
CAPITAL—		
Capitalization of statement of land revenue	..	24,753
Leave and pension allowances	..	5,762
Total	..	30,515
REVENUE—		
Leave and pension allowances	..	185
Audit and account	..	91
Total	9	276
Grand Total	9	30,791

YELLANUR TANK—Tank Project—cont.

No. 6.—Statement comparing Charges to date with Sanctioned Estimates.

Particulars.	CHARGES AGAINST CLOSED SANCTIONS.			CURRENT SANCTIONS.			Total Charges to date against old and current sanctions. RS.
	Expenditure against construction estimate. RS.	Expenditure against open canal sanction. RS.	Total. RS.	Charges to date.	Amount of sanctioned estimate.	Unspent balance of estimate.	
<i>Direct Charges.</i>							
Works	1,83,348	7,944	1,91,292	..	..	..	1,91,292
Establishment	40,150	1,006	41,156	..	..	..	41,156
Tools and plant	7,072	15	7,087	..	..	..	7,087
Suspense account	..	..	..	..	..	..	..
Total	2,30,570	8,965	2,39,535	..	..	..	2,39,535
Less—Receipts on Capital account	..	343	343	..	..	..	343
Net Total	2,30,570	8,622	2,39,192	..	..	..	2,39,192
<i>Indirect Charges.</i>							
Capitalized abatement of land revenue	24,753	..	24,753	..	..	..	24,753
Leave and pension allowances	5,621	141	5,762	..	..	..	5,762
Total	30,374	141	30,515	..	..	..	30,515
Grand Total	2,60,944	8,763	2,69,707	..	..	..	2,69,707

The construction estimate of the project was closed on 31st March 1919 and the completion report approved in G.O. No. 6 L., dated 7th January 1921.

PANJAPATTI RESERVOIR—*Tank Project.*

No. 2.—Capital Account for and to end of 1935–1936.
 Vide details on page 247 of the Administrative accounts
 for 1934–35.

ADMINISTRATIVE ACCOUNTS
FOR THE YEAR 1935–1936.

PANJAPATTI RESERVOIR—*Tank Project*—cont.
 No. 3.—Revenue Account for and to end of 1935–1936.

Receipts.	TOTAL		Charges.	
	During the year. RS.	To end of the year. RS.	During the year. RS.	To end of the year. RS.
I. DIRECT RECEIPTS—				
5. Receipts from plantations.	..	..	I. EXTENSIONS AND IMPROVEMENTS—	
6. Receipts from other canal produce	40	387	(1) Head works	1,594
9. Rents of buildings	4	51	(2) Main canals and branches	..
11. Miscellaneous	..	103	(3) Distributaries	..
Total, Revenue realized in Public Works Department	44	1,046	(4) Drainage and protective works	..
Irrigation revenue realized in Civil Department	..	9,393	(5) Special tools and plant	..
			Total	1,594
			II. MAINTENANCE AND REPAIRS—	
			(1) Head works	190
			(2) Main canals and branches	..
			(3) Distributaries	..
			(4) Drainage and protective works	..
			(5) Special tools and plant	..
			Total	190
			Total Extensions and Improvements and Maintenance and Repairs	4,764
			IV. ESTABLISHMENT	6,353
			V. TOOLS AND PLANT	2,202
			VI. REFUNDS OF REVENUE	19
			Total, Direct Charges	..
			Share of collection charges in the Civil Department	8,570
			Indirect charges	423
			Total, Direct and Indirect Charges	86
			Balance, Net revenue	9,086
			Total, Public Works and Civil Department—Revenue	5,194
			Total, Receipts	14,252

Total, Direct Receipts.
 II. INDIRECT RECEIPTS—
 Share of land revenue collected in the Civil Department
 Total, Public Works and Civil Department—Revenue
 Total, Receipts

SIDDAPUR TANK—*Tank Project.*

No. 2.—Capital Account for and to end of 1935-1936.

Vide details on page 251 of the Administrative accounts
for 1934-35.ADMINISTRATIVE ACCOUNTS
FOR THE YEAR 1935-1936.SIDDAPUR TANK—*Tank Project*—cont.
No. 3.—Revenue Account for and to end of 1935-1936.

Receipts.	TOTAL		Charges.	
	During the year. RS.	To end of the year. RS.	During the year. RS.	To end of the year. RS.
I. DIRECT RECEIPTS—				
5. Receipts from plantations.	..	..	(1) Head works	..
6. Receipts from other canal produce	..	..	(2) Main canals and branches ..	264
			(3) Distributaries	120
			(4) Drainage and protective works ..	..
			(5) Special tools and plant	..
11. Miscellaneous	..	..	Total	384
Total, Revenue realized in Public Works Department	..	..	II. MAINTENANCE AND REPAIRS—	
Irrigation Revenue realized in Civil Department	4,577	33,574	(1) Head works	473
Total, Direct Receipts	4,577	33,574	(2) Main canals and branches ..	..
			(3) Distributaries	..
			(4) Drainage and protective works ..	..
			(5) Special tools and plant	..
			Total	12,785
II. INDIRECT RECEIPTS—			Total, Extensions and Improvements and Maintenance and Repairs	11,677
Share of land revenue collected in the Civil Department	..	..	IV. ESTABLISHMENT	1,108
Total, Public Works and Civil Departments, Revenue	4,577	33,574	V. TOOLS AND PLANT	..
			VI. REFUNDS OF REVENUE	80
			Total, Direct Charges	..
			Share of collection charges in the Civil Department	18,390
			Indirect Charges	1,680
			Total, Direct and Indirect Charges ..	685
			Balance, net revenue	20,655
Total	4,577	33,574		12,919
			Grand Total	33,574

SIDDAPUR TANK—*Tank Project*—cont.

No. 4.—Interest Account for and to end of 1935-1936.

Particulars.	Amount. RS.	Particulars.	Amount. RS.
Total interest charges to end of 1934-1935	5,78,997	Net revenue realized to end of 1934-1935	9,191
Total interest charges for the year 1935-1936—		Net revenue realized during 1935-1936	3,728
Interest at 3-3252 per cent on the outlay to end of 1916-1917	26,167	Balance, net interest charges	5,90,448
Interest at 4-94 per cent on the outlay of Rs. 4,119 from 1917-1918 to end of 1934-1935 plus half the outlay during 1935-1936	203		
Total	6,03,367	Total	6,03,367

No. 5.—Account of Indirect Charges for and to end of 1935-1936.

Particulars.	During the year. RS.	To end of the year. RS.
CAPITAL—		
Capitalization of abatement of land revenue	..	..
Leave and pension allowances	..	..
Audit and accounts	..	13,475
Total	..	27
REVENUE—		
Capitalization of abatement of land revenue	..	..
Leave and pension allowances	..	..
Audit and accounts	5	466
Total	5	119
Grand Total	5	585
		14,033

SIDDAPUR TANK—*Tank Project*—cont.

No. 6.—Statement comparing Charges to date with Sanctioned Estimates.

Particulars.	CHARGES AGAINST CLOSED SANCTIONS.			CURRENT SANCTIONS.			Total charges to date against old and current sanction.
	Expenditure against construction estimate.	Expenditure against open canal sanction.	Total.	Charges to date.	Amount of sanctioned estimate.	Unspent balance of estimate.	
<i>Direct Charges.</i>	RS.	RS.	RS.				RS.
Works	5,35,737	12,986	5,22,751	..	..	..	5,22,751
Establishment	1,06,156	9,901	96,255	..	..	..	96,255
Tools and plant	1,72,598	124	1,72,474	..	..	..	1,72,474
Suspense account	..	..	..	..	..	..	..
Total	8,14,491	23,011	7,91,480	..	..	..	7,91,480
<i>Less—Receipts on capital account</i>	295	147	442	..	..	..	442
Net Total	8,14,196	23,158	7,91,038	..	..	..	7,91,038
<i>Indirect Charges.</i>							
Capitalized abatement of land revenue	..	..	..	..	..	..	..
Leave and pension allowances	14,861	1,386	13,475	..	..	..	13,475
Audit and accounts	..	27	27	..	..	..	27
Total	14,861	1,413	13,448	..	..	..	13,448
Grand Total	8,29,057	24,571	8,04,486	..	..	..	8,04,486

The construction estimate of the project was closed on 1st October 1919 and the completion report approved in G.O. No. 204 I., dated 22nd July 1922.

NAGAVARAM ANICUT AND SUPPLY CHANNEL—*Tank Project*.

No. 2.—Capital Account for and to end of 1935-1936.

Vide details on page 255 of the Administrative accounts
for 1934-35.ADMINISTRATIVE ACCOUNTS
FOR THE YEAR 1935-1936.NAGAVARAM ANICUT AND SUPPLY CHANNEL—*Tank Project*—cont.

No. 3.—Revenue Account for and to end of 1935-1936.

Receipts.	TOTAL.		Charges.	TOTAL.	
	During the year. RS.	To end of the year. RS.		During the year. RS.	To end of the year. RS.
II. DIRECT RECEIPTS—			I. EXTENSIONS AND IMPROVEMENTS—		
6. Receipts from other canal produce	..	..	(1) Head works	..	..
9. Rents of buildings	..	..	(2) Main canals and branches	..	..
11. Miscellaneous	..	..	(3) Distributaries	..	..
Total Revenue realized in Public Works Department	48	49	(4) Drainage and protective works	..	..
Irrigation Revenue realized in Civil Department	1,372	25,287	(5) Special tools and plant	..	..
Total, Direct Receipts	1,420	25,336	II. MAINTENANCE AND REPAIRS—		
I. INDIRECT RECEIPTS—			(1) Head works	402	687
Share of Land Revenue collected in the Civil Department	146	876	(2) Main canals and branches	..	..
Total, Public Works and Civil Departments, Revenue	1,566	26,212	(3) Distributaries	..	..
Total Receipts	1,566	26,212	(4) Drainage and protective works	..	..
			(5) Special tools and plant	..	..
			Add—Unclassifiable outlay	..	..
			Total	402	687
			Total, Extensions and Improvements and Maintenance and Repairs	402	687
			IV. ESTABLISHMENT	94	336
			V. TOOLS AND PLANT	1	1
			VI. REFUNDS OF REVENUE	..	..
			Total, Direct Charges	497	1,034
			Share of collection charges in the Civil Department	76	1,307
			Indirect Charges	4	6
			Total, Direct and Indirect Charges	577	2,347
			Balance, net revenue	989	23,865
			Grand Total	1,566	26,212

IRRIGATION BRANCH.

336

PUBLIC WORKS DEPARTMENT.

NAGAVARAM ANICUT AND SUPPLY CHANNEL—*Tank Project*—cont.

No. 4.—Interest Account for and to end of 1935–1936.

	Amount.		Amount.
	RS.		RS.
Total interest charges to end of 1934–1935	78,170	Net revenue realized to end of 1934–1935	22,876
* Total interest charges for the year 1935–1936	3,568	Net revenue realized .. during 1935–1936	989
		Balance, net interest charges	57,873
Total ..	81,738	Total ..	81,738
			3,568
			3,568

* Interest at 3.3252 per cent on the outlay to end of 1916–1917
Interest at 4.94 per cent on the outlay of Rs. nil from 1917–1918 to end of 1934–1935 plus half the outlay during 1935–1936

No. 5.—Account of Indirect Charges for and to end of 1935–1936.

Particulars.	During the year.	To end of the year.
	RS.	RS.
CAPITAL—		
Capitalization of abatement of land revenue	..	..
Leave and pension allowances	..	2,595
Total ..	..	2,595
REVENUE—		
Audit and accounts	4	6
Total ..	4	6
Grand Total ..	4	2,601

337

ADMINISTRATIVE ACCOUNTS
FOR THE YEAR 1935–1936.

MADRAS PRESIDENCY.

NAGAVARAM ANICUT AND SUPPLY CHANNEL—*Tank Project*—cont.
No. 6.—Statement comparing Charges to date with Sanctioned Estimates.

Particulars.	CHARGES AGAINST CLOSED SANCTIONS.		CURRENT SANCTIONS.			Total charges to date against old and current sanctions.
	Expenditure against construction estimate.	Expenditure against open canal sanction.	Charges to date.	Amount of sanctioned estimate.	Unspent balance of estimate.	
	RS.	RS.	RS.			RS.
Direct Charges.						
Works	88,757	..	..	..	..	88,757
Establishment	18,538	..	..	..	..	18,538
Tools and plant	..	..	..	..	..	..
Suspense account	..	..	..	..	..	..
Total ..	1,07,295	..	..	..	..	1,07,295
Less—Receipts on capital account	..	..	..	..	..	..
Net total ..	1,07,295	..	..	..	..	1,07,295
Indirect Charges.						
Capitalized abatement of land revenue	..	..	..	..	..	..
Leave and pension allowances	2,595	..	..	..	..	2,595
Total ..	2,595	..	..	..	..	2,595
Grand Total ..	1,09,890	..	..	..	..	1,09,890

The construction estimate of the project was closed on 31st December 1919 and the completion report approved in G.O. No. 53 I., dated 14th February 1921.

MOPAD PROJECT—*Canal Project.*

No. 2.—Capital Account for and to end of 1935–1936.

[Vide details on page 259 of the Administrative Accounts
for 1934–35.]ADMINISTRATIVE ACCOUNTS
FOR THE YEAR 1935–1936.MOPAD PROJECT—*Canal Project—cont.*

No. 3.—Revenue Account for and to end of 1935–1936.

Receipts.	TOTAL.		Charges.	TOTAL.	
	During the year.	To end of the year.		During the year.	To end of the year.
I. DIRECT RECEIPTS—	RS.	RS.	I. EXTENSIONS AND IMPROVEMENTS—	RS.	RS.
3. Sales of water	..	68	(1) Head works	993	3,169
5. Plantations	2	11	(2) Main canals and branches	14	26,961
6. Receipts from other canal produce	10	221	(3) Distributaries	198	2,134
9. Rent of buildings	125	1,674	(4) Drainage and protective works	..	..
I. Miscellaneous	..	2,961	(5) Special tools and plant	..	..
Recoveries of expenditure	..	659	Total	1,205	32,264
Deduct—Refunds	..	136	II. MAINTENANCE AND REPAIRS—	..	..
Total, Revenue realized in the Public Works Department	137	5,453	(1) Head works	3,261	40,432
II. Irrigation Revenue realized in Civil Department	30,312	3,98,588	(2) Main canals and branches	849	42,430
Total, Direct Receipts	30,449	4,04,046	(3) Distributaries	2,885	23,201
III. Indirect Receipts—Shares of Revenue collected in the Civil Department	5,166	66,367	(4) Drainage and protective works	..	..
Total, Public Works and Civil Departments, Revenue	35,615	4,70,413	(5) Special tools and plant	..	..
Total, Receipts	35,615	4,70,413	Total	6,995	1,06,063
			Total, Extensions and Improvements and Maintenance and Repairs	8,200	1,38,327
			IV. ESTABLISHMENT	3,770	47,016
			V. TOOLS AND PLANT	14	840
			VI. RECOVERIES ON REVENUE ACCOUNT	..	16
			Total, Direct Charges	11,984	1,86,167
			Share of collection charges in the Civil Department	1,548	20,122
			Indirect charges	82	2,510
			Total, Direct and Indirect Charges	13,614	2,08,789
			Balance, net revenue	22,001	2,61,614
			Grand Total	35,615	4,70,413

MOPAD PROJECT—Canal Project—cont.

No. 4.—Interest Account for and to end of 1935-1936.

Particulars.	Amount. RS.	Particulars.	Amount. RS.
Total interest charges to end of 1934-1935	17,52,375	Net revenue realized to end of 1934-1935	2,39,613
* Total interest charges for the year 1935-1936	81,741	Net revenue realized during 1935-1936	22,001
		Balance, net interest charges	15,72,502
Total	18,34,116	Total	18,34,116
* Interest at 3·3252 per cent on the outlay to end of 1916-1917. Interest at 4·94 per cent on the outlay of Rs. 5,45,538 from 1917-1918 to end of 1934-1935 plus half the outlay during 1935-1936	54,791		
	26,950		
Total	81,741		

No. 5.—Account of Indirect Charges for and to end of 1935-1936.

Particulars.	During the year. RS.	To end of the year. RS.
CAPITAL—		
Capitalization of abatement of land revenue	..	51,698
Leave and pension allowances	..	44,856
Audit and accounts	..	132
Total	..	96,422
REVENUE—		
Capitalization of abatement of land revenue	..	..
Leave and pension allowances	..	1,126
Audit and accounts	82	1,384
Total	82	2,510
Grand Total	82	98,932

MOPAD PROJECT—Canal Project—cont.
No. 6.—Statement comparing Charges to date with Sanctioned Estimates.

Particulars.	CHARGES AGAINST CLOSED SANCTIONS.			CURRENT SANCTIONS.			Total charges to date against old and current sanctions. RS.
	Expenditure against construction estimate.	Expenditure against open canal sanction.	Total.	Charges to date.	Amount of sanctioned estimate.	Unspent balance of estimate.	
Direct Charges.							
Works	16,66,575	..	16,66,575	..	..	..	16,66,575
Establishment	3,20,381	..	3,20,381	..	..	..	3,20,381
Tools and plant	2,34,213	..	2,34,213	..	..	..	2,34,213
Suspense account	..	..	..	..	..	..	..
Total	22,21,169	..	22,21,169	..	..	..	22,21,169
Less—Receipts on capital account	27,894	..	27,894	..	..	..	27,894
Net Total	21,93,275	..	21,93,275	..	..	..	21,93,275
Indirect Charges.							
Capitalized abatement of land revenue	51,698	..	51,698	..	..	..	51,698
Leave and pension allowances	44,856	..	44,856	..	..	..	44,856
Audit and accounts	132	..	132	..	..	..	132
Total	96,422	..	96,422	..	..	..	96,422
Grand Total	22,89,697	..	22,89,697	..	..	..	22,89,697

The construction estimate of the project was closed on 30th April 1921 and the completion report approved in G.O. No. 1373 I., dated 23rd May 1923.

KANTYAMPALAYAM ANICUT—Tank Project.

No. 2.—Capital Account for and to end of 1935-1936.

[Vide details on page 263 of the Administrative Accounts
for 1934-1935.]

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1935-1936.

MADRAS PRESIDENCY

KANTYAMPALAYAM ANICUT—Tank Project—cont.
No. 3.—Revenue Account for and to end of 1935–1936.

Receipts.	TOTAL.		Charges.	TOTAL.	
	During the year.	To end of the year.		During the year.	To end of the year.
	RS.	RS.		RS.	RS.
DIRECT RECEIPTS.					
1. Water-rates	4,000	48,000	I. EXTENSIONS AND IMPROVEMENTS—		
6. Receipts from other canal produce	..	..	(1) Head works	..	..
9. Rent of buildings	..	..	(2) Main canals and branches	..	..
11. Miscellaneous	..	8	(3) Distributaries	..	..
			(4) Drainage and protective works	..	..
			(5) Special tools and plant	..	..
			Total	..	248
Total, Revenue realized in the Public Works Department ..	4,000	48,003	II. MAINTENANCE AND REPAIRS—		
			(1) Head works	..	..
Irrigation Revenue realized in Civil Department	..	..	(2) Main canals and branches	1,194	41,573
			(3) Distributaries	..	..
			(4) Drainage and protective works	..	..
			(5) Special tools and plant	..	..
			Add—Unclassifiable outlay	..	..
Total, Direct receipts	4,000	48,003	Total	1,194	41,573
II. Indirect receipts—Share of Land Revenue collected in the Civil Department ..	..	..	Total, Extensions and Improvements and Maintenance and Repairs	1,194	41,821
			IV. ESTABLISHMENT	311	11,088
			V. TOOLS AND PLANT	5	533
			VI. REFUNDS AND REVENUE	..	..
			Total, Direct charges	1,510	53,442
			Share of collection charges in the Civil Department	..	..
			Indirect charges	12	995
Total, Public Works and Civil Departments, Revenue	4,000	48,003	Total, Direct and Indirect charges	1,522	54,437
Net deficit, if any	— 2,478	6,434	Balance, Net revenue	..	..
			Total	1,522	54,437

IRRIGATION BRANCH.

PUBLIC WORKS DEPARTMENT.

KANIYAMPALAYAM ANICUT—Tank Project—cont.

No. 4.—Interest Account for and to end of 1935–1936.

	Amount.		Amount.
	RS.		RS.
Total interest charges to end of 1934-1935	97,299	Net revenue realized to end of 1934-1935	8,912
* Total interest charges for the year 1935-1936	4,838	Net revenue realized during 1935-1936	2,478
		Balance, net interest charges	1,08,571
Total	1,02,137	Total	1,02,137
* Interest at 3.3252 per cent on the outlay to end of 1916-1917.	945		
Interest at 4.94 per cent on the outlay of Rs. 78,812 from 1917-1918 to end of 1934-1935 plus half the outlay during 1935-1936	3,893		
Total	4,838		

No. 5.—Account of Indirect Charges for and to end of 1935–1936.

Particulars.	During the year. RS.	To end of the year. RS.
CAPITAL—		
Capitalization of abatement of land revenue	..	..
Leave and pension allowances	..	..
Audit and accounts	..	..
Total	..	3,787
	..	66
	..	3,853
REVENUE—		
Capitalization of abatement of land revenue	..	..
Leave and pension allowances	..	..
Audit and accounts	..	..
Total	12	576
Grand Total	12	419
	12	995
	..	4,848

ADMINISTRATIVE ACCOUNTS
FOR THE YEAR 1935–1936.

MADRAS PRESIDENCY.

KANIYAMPALAYAM ANICUT—Tank Project—cont.

No. 6.—Statement comparing Charges to date with Sanctioned Estimates.

Particulars.	CHARGES AGAINST CLOSED SANCTIONS.			CURRENT SANCTIONS.			Total charges to date against old and current sanctions. RS.
	Expenditure against construction estimate. RS.	Expenditure against open canal sanction. RS.	Total. RS.	Charges to date.	Amount of sanctioned estimate.	Unspent balance of estimate.	
<i>Direct Charges.</i>							
Works	92,266	5,125	97,391	..	..	..	97,391
Establishment	25,172	1,863	27,035	..	..	..	27,035
Tools and plant	453	42	495	..	..	..	495
Suspense account	..	..	..	..	..	..	..
Total	1,17,891	7,030	1,24,921	..	..	..	1,24,921
Less—Receipts on capital account	..	17,700	17,700	..	..	..	17,700
Net Total	1,17,891	— 10,670	1,07,221	..	..	..	1,07,221
<i>Indirect Charges.</i>							
Capitalized abatement of land revenue	..	..	..	..	..	..	..
Leave and pension allowances	3,525	262	3,787	..	..	..	3,787
Audit and accounts	15	51	66	..	..	..	66
Total	3,540	313	3,853	..	..	..	3,853
Grand Total	1,21,431	— 10,357	1,11,074	..	..	..	1,11,074

The construction estimate of the project was closed on 31st March 1922 and the completion report approved in G.O. No. 190 I., dated 31st March 1926.

TIPPAYAPALEM PROJECT—*Tank Project.*

No. 2.—Capital Account for and to end of 1935–1936.

Heads of account.	DIRECT CHARGES.		Cost of construction as now estimated.
	During the year.	To end of the year.	
	RS.	RS.	RS.
I. WORKS—			
(1) <i>Head Works</i> —			
B. Land	..	35,246	53,897
C. Works	..	1,08,113	78,430
K. Buildings	..	4,203	7,290
L. Earthwork	12,155	1,02,737	1,08,430
O. Miscellaneous	227	1,886	10,590
Unforeseen works	99	14,484	14,210
Total	48,128	2,66,669	2,72,847
(2) <i>Main Canals and Branches</i> —			
L. Earthwork	23,728	25,255	25,960
Unforeseen works	..	..	1,307
Total	23,728	25,255	27,267
(3) <i>Distributaries</i> —			
C. Works	..	..	..
L. Earthwork	..	..	..
O. Miscellaneous	..	..	..
Total	..	..	..
(6) <i>Special tools and plant</i>	..	..	..
Total, Works	71,856	2,91,924	3,00,114
II. ESTABLISHMENT	13,143	63,207	77,820
III. TOOLS AND PLANT	77	636	6,002
Grand Total	85,076	3,55,767	3,83,936
V. <i>Less—RECEIPTS ON CAPITAL ACCOUNT</i>	..	656	..
Net Total	85,076	3,55,111	3,83,936

ADMINISTRATIVE ACCOUNTS
FOR THE YEAR 1935–1936.TIPPAYAPALEM PROJECT—*Tank Project*—cont.

No. 4.—Interest Accounts for and to end of 1935–1936.

Amount.	Amount.
RS.	RS.
Total interest charges to end of 1934–1935	49,059
Total interest charges for the year 1935–1936—	
Interest at 4·94 per cent on the outlay of Rs. 3,12,573 from 1924–1925 to end of 1934–1935 plus half the outlay during 1935–1936 as the first outlay was in 1924–1925	15,441
Total	64,500
Net revenue realized to end of 1934–1935	..
Net revenue realized during 1935–1936	..
Balance, net interest charges	64,500
Total	64,500

No. 5.—Account of Indirect Charges for and to end of 1935–1936.

Particulars.	During the year.	To end of the year.
	RS.	RS.
CAPITAL—		
Capitalization of abatement of land revenue	..	4,600
Leave and pension allowances	..	2,688
Audit and accounts	719	2,922
Total	719	10,210
REVENUE—		
Capitalization of abatement of land revenue	..	..
Leave and pension allowances	..	..
Audit and accounts	..	..
Total	..	..
Grand Total	719	10,210

TIPPAYAPALEM PROJECT—Tank Project—cont.

No. 6.—Statement comparing Charges to date with Sanctioned Estimates.

Particulars.	CHARGES AGAINST CLOSED SANCTIONS.		CURRENT SANCTIONS.		Total charges to date against old and current sanctions.
	Expenditure against construction estimate.	Expenditure against open canal sanctions.	Charges to date.	Amount of sanctioned estimate.	
			RS.	RS.	
<i>Direct Charges.</i>					
Works	..	..	2,91,921	3,00,114	8,190
Establishment ..	..	..	63,207	77,820	14,613
Tools and plant ..	..	..	636	6,002	5,366
Suspense account ..	..	..	..	..	..
Total	..	..	3,55,767	3,83,936	28,169
<i>Less—Receipts on Capital account ..</i>	..	..	656	..	656
Net Total	..	..	3,55,111	3,83,936	28,825
<i>Indirect Charges.</i>					
Capitalized abatement of land revenue ..	..	..	4,600	17,800	13,200
Leave and pension allowances ..	..	..	2,688	2,688	..
Audit and accounts ..	..	..	2,922	3,001	79
Total	..	..	10,210	23,489	13,279
Grand Total	..	..	3,65,321	4,07,425	42,104

BASAVANNAH CHANNEL.

No. 2.—Capital Account for and to end of 1935-1936.

Heads of account.	DIRECT CHARGES		Cost of construction as now estimated.
	During the year.	To end of the year.	
	RS.	RS.	RS.
I. WORKS—			
(1) <i>Head Works—</i>			
C. Works	1,131	14,030	14,030
Total	1,131	14,030	14,030
(2) <i>Main Canals and Branches—</i>			
B. Land	..	21,730	21,730
C. Works	5,208	96,151	96,406
F. (1) Other cross drainage works ..	..	5,461	..
L. Earthwork	9,615	2,91,038	2,91,714
O. Miscellaneous ..	3,032	6,793	8,200
P. Maintenance ..	516	516	..
Total	1,891	4,21,689	4,20,140
(3) <i>Distributaries—</i>			
L. Earthwork	14,134	14,688	34,555
B. Land	814	814	..
Total	14,948	15,502	34,555
Total, Works	17,970	4,51,221	4,68,725
II. ESTABLISHMENT ..	3,286	1,06,666	1,13,706
III. TOOLS AND PLANT ..	19	2,160	3,092
Grand Total	21,275	5,60,047	5,85,523
V. <i>Less—RECEIPTS ON CAPITAL ACCOUNT ..</i>	..	..	..
Net Total	21,275	5,60,047	5,85,523

BASAVANNAH CHANNEL—cont.
No. 3.—Revenue Account for and to end of 1935-1936.

[illegible]

**ADMINISTRATIVE ACCOUNTS
FOR THE YEAR 1935-1936.**

BASAVANNAH CHANNEL—cont.

No. 4.—Interest Account for and to end of 1935-1936.

	Amount.		Amount.
	RS.		RS.
Total interest charges to end of 1934-1935 ..	1,82,485	Net revenue realized to end of 1934-1935 ..	— 2,396
* Total interest charges for the year 1935-1936 ..	27,141	Net revenue realized during 1935-1936 ..	— 37,011
		Balance, net interest charges ..	2,48,983
Total ..	<u>2,09,576</u>	Total ..	<u>2,09,576</u>
* Interest at 4·94 per cent on the outlay of Rs. 5,49,410 from 1925-1926 to end of 1934-1935 plus half the outlay during 1935-1936 as the first outlay was in 1925-1926			
	27,141		

No. 5.—Account of Indirect Charges for and to end of 1935-1936.

Particulars.						During the year.	To end of the year.
						RS.	RS.
CAPITAL—							
Capitalization of abatement of land revenue	..	..	..	..	..	..	1,229
Leave and pension allowances	..	..	..	..	..	..	661
Audit and accounts	..	..	..	..	..	180	4,512
					Total	180	6,402
REVENUE—							
Leave and pension allowances	..	..	..	..	..	310	330
Audit and accounts	..	..	..	..	..	..	..
					Total	310	330
					Grand Total	490	6,732

IRRIGATION BRANCH.

352

PUBLIC WORKS DEPARTMENT.

BASAVANNAH CHANNEL—cont.									
No. 6.—Statement comparing Charges to date with Sanctioned Estimates.									
CURRENT SANCTIONS.									
Particulars.	CHARGES AGAINST CLOSED SANCTIONS.			CURRENT SANCTIONS.			Total charges to date against old and current sanctions.		
	Expenditure against construction estimate.	Expenditure against open canal sanction.	Total.	Charges to date.	Amount of sanctioned estimate.	Unspent balance of estimate.			
				RS.	RS.	RS.			
<i>Direct Charges.</i>									
Works ..	..	..	..	4,51,221	4,68,725	17,504	..		
Establishment ..	..	..	..	1,06,666	1,13,706	7,040	..		
Tools and plant ..	..	..	..	2,160	3,092	932	..		
Suspense account ..	..	..	..	..	..	..	..		
Total ..	..	..	..	5,60,047	5,85,523	25,476	..		
<i>Less—Receipts on capital account ..</i>	..	..	..	..	..	..	..		
Net Total ..	..	..	..	5,60,047	5,85,523	25,476	..		
<i>Indirect Charges.</i>									
Capitalized abatement of land revenue ..	..	..	..	1,229	1,229	..	..		
Leave and pension allowances ..	..	..	..	661	661	..	..		
Audit and accounts ..	..	..	..	4,512	4,687	175	..		
Total ..	..	..	..	6,402	6,577	175	..		
Grand Total ..	..	..	..	5,66,449	5,92,100	25,651	..		

353

ADMINISTRATIVE ACCOUNTS
FOR THE YEAR 1935-1936.

MADRAS PRESIDENCY.

GANJAM-GOPALPUR CANAL—Canal Project.

No. 2.—Capital Account for and to end of 1935-1936.

[Vide details on page 274 of the Administrative account for 1934-1935.]

GANJAM-GOPALPUR CANAL—Canal Project—cont.
No. 3.—Revenue Account for and to end of 1935-1936.

Receipts.	TOTAL		Charges.	TOTAL	
	During the year. RS.	To end of the year. RS.		During the year. RS.	To end of the year. RS.
DIRECT RECEIPTS—			I. EXTENSIONS AND IMPROVEMENTS—		
5. Receipts from plantations ..	..	18,494	(1) Head works ..	..	555
6. Receipts from other canal produce ..	..	329	(2) Main canals and branches ..	..	..
11. Miscellaneous Refunds ..	8	508	(3) Distributaries ..	..	..
Total revenue realized in the Public Works Department ..	8	19,276	(4) Drainage and protective works ..	..	..
			(5) Special tools and plant ..	..	555
			Total ..		
			II. MAINTENANCE AND REPAIRS—		
			(1) Head works ..	..	7,063
			(2) Main canals and branches ..	..	46
			(3) Distributaries ..	..	..
			(4) Drainage and protective works ..	..	..
			(5) Special tools and plant ..	..	7,109
			Total ..		
Total, Public Works and Civil Departments, Revenue ..	8	19,276	Total, Extensions and Improvements and Maintenance and Repairs ..	..	7,064
			IV. ESTABLISHMENT ..	..	2,326
			V. TOOLS AND PLANT ..	..	70
			VI. REFUNDS OF REVENUE ..	..	..
			Total, Direct Charges ..	..	10,060
			Share of collection charges in the Civil department ..	..	..
			Indirect Charges ..	..	606
			Total, Direct and Indirect Charges ..	..	10,666
			Balance, net revenue ..	8	8,610
Total, Receipts ..	8	19,276	Grand Total ..	8	19,276

ADMINISTRATIVE ACCOUNTS
FOR THE YEAR 1935-1936.

MADRAS PRESIDENCY.

GANJAM-GOPALPUR CANAL—Canal Project—cont.

No. 4.—Interest Account for and to end of 1935-1936.

	Amount. RS.		Amount .. RS.
Total interest charges to end of 1934-1935 ..	2,42,342	Net revenue realized to end of 1934-1935 ..	8,602
* Total interest charges for the year 1935-1936 ..	4,758	Net revenue realized during 1935-1936 ..	8
		Balance, net interest charges ..	2,38,490
Total ..	2,47,100	Total ..	2,47,100
* Interest at 3.3252 per cent on the outlay to end of 1916-1917. Interest at 4.94 per cent on the outlay of Rs. nil from 1917-1918 to end of 1934-1935 plus half the outlay during 1935-1936 ..			
	4,758		
Total ..	4,758		

No. 5.—Account of Indirect Charges for and to end of 1935-1936.

Particulars.	During the year.	To end of the year. RS.
CAPITAL—		
Capitalization of abatement of land revenue ..	..	7,100
Leave and pension allowances ..	..	5,293
Audit and accounts ..	..	..
Total ..	..	12,393
REVENUE—		
Capitalization of abatement of land revenue ..	..	303
Leave and pension allowances ..	..	275
Audit and accounts ..	..	28
Total ..	..	606
Grand Total ..	..	12,999