



PUBLIC WORKS DEPARTMENT
MADRAS PRESIDENCY

ADMINISTRATION REPORT

(WITH ADMINISTRATIVE ACCOUNTS)

FOR THE YEAR 1936-37

PART II—IRRIGATION

MADRAS
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PUBLIC WORKS DEPARTMENT, MADRAS PRESIDENCY

ADMINISTRATION REPORT

FOR THE YEAR 1936-37

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 1937.

Cauvery-Mettur Project—Reservoir and dam.—The lake was opened for irrigation on 9th June 1937 with a level of 104·80; it fell to 90·95 on 1st July 1937 and rose to 119·55 on 3rd August 1937. The low level sluices were not operated in 1937 as the lake was high. But for the reservoir, the progress of cultivation in the delta in June and July would have been restricted. The reservoir has proved its usefulness.

The leakage through the drainage gallery in the dam showed a remarkable decrease this year. The maximum in 1937 was only about 11 cubic feet per minute with the lake level at 119·5 against 34 cubic feet with 118·00 in the previous year. The dam is gradually getting staunched by silt or by the free calcium carbonate which exudes from the cement. A leakage in the rear face of the dam at the overflow section was noticed when the lake was above +114, and a leak through the expansion joint at 620 is seen to persist. These are being watched carefully.

Supply channel and surplus course.—Improvements to the supply channel, such as extension of piers and construction of a bell mouth entrance to the bridge have proved effective. The bridge is now able to discharge 32,000 cusecs. The side revetments of the supply channel have stood well throughout the year despite heavy discharges passed down. The outcrop of soft rock in the surplus course is getting scoured out and is cutting back towards the surplus bridge opposite the tenth and eleventh vents. Proposals to build five-stepped masonry aprons were approved and work is in progress.

Industrial development.—The bungalows on Mettur side and the entire Salem camp were sold to industrial concerns. Three factories, one textile, one chemical to manufacture liquid chlorine

caustic soda and other chemicals, and one dyeing started preliminary work during the year. Negotiations for sale of sites on the Salem side are proceeding.

In February 1937, the administration of Mettur town was vested in a special committee. The health of the town was generally good except for a few imported cases of cholera from Kollegal.

There were two deaths by drowning in the reservoir. One old man jumped from top of the dam but was saved by the launch crew.

Canal system.—Supply for the double-crop area in June was increased from 7,000 cusecs to 10,500 cusecs to facilitate fuller and better development of the double-crop area. Areas under first crop (to end of November) under Vadavar and Grand Anicut canals were 18,920 and 85,550 acres against the forecast of 34,170 and 110,730 acres, respectively. Second-crop area cultivated (to end of November 1937) under the two canals were 2,400 and 5,340 acres against a forecast of 15,000 and 20,000 acres, respectively, and in old delta 720 acres against a forecast of 50,000 acres.

Godavari delta system.—Localization of second-crop areas in Godavari Eastern and Central deltas was completed by the Special division. The scheme of cross-bunding the Coringa river and constructing a lock to relieve submersion in tail end of bank canal was under consideration. Polavaram Island Project is developing satisfactorily. The flood banks and outfall sluices are nearing completion. The suction dredger was used to deepen the navigable course of the river near Dowlaishwaram and in front of Ralli branch. The Torrigedda scheme was examined and an estimate for reconstructing the outfall sluices submitted to Government.

Kistna delta system.—A cement concrete roadway over the Kistna anicut was constructed during the year from the Road Development Fund. Improvements to Campbell canal were completed in June 1937. Excavation of Kistna West High Level Channel is in progress and will be completed in 1938. A special subdivision was formed for carrying out the Appapuram Channel Project. Land is being acquired.

The highest flood in the river was in July 1937, the maximum water level over the anicut crest being 12.95 (on 31st July 1937). Two big scours were formed in the third apron of the anicut; one was built up and the other could not be completed due to floods.

Accounts of the Kistna East Bank canal and Divi Pumping system were amalgamated from 1937-38 under the head "Kistna East Bank Canal Extension Scheme," as the Divi Pumping works are no longer in existence and its ayacut is now irrigated by the East Bank canal.

Muniyeru system.—Cyclone damages of 1936 to the system were repaired.

Pennar river canals system.—One hundred and thirty-six falling shutters were erected on the Sangam anicut after raising the anicut crest by one foot.

Due to heavy rain in Gudur taluk, Nellore district, in November 1937, there were floods in Tsallakalva and its banks breached in several places; Yerur and Chittimur tanks and Chennur tank supply channel were damaged. Steps are being taken to restore the damaged works.

Tungabhadra project—Experimental farm—Siruguppa.—All buildings except the laboratory, etc., are nearing completion. Tungabhadra water is being pumped to the farm from Siruguppa channel, and experiments commenced in October 1937.

Thippayapalem project.—The works are being carried out and will be completed in January 1938.

Duvvaleru project, Kurnool district.—A workslip for 1.28 lakhs was approved consequent on a change of site for the new anicut. Land plans and schedules are under preparation.

Basavannah channel extension, Bellary district.—The excavation of the main extension channel and distributaries was practically completed except in certain reaches of the main channel.

Lower Bhavani project.—Experiments on dry crops by flow irrigation under project conditions were started in October 1937 at Kugalur.

Cauvery delta system.—Mettur reservoir was opened on the 9th June. The date of opening was advanced by three days to enable the rivers and tanks to fill before opening the sluices for irrigation. There were floods in August 1937 when the reservoir surplussed, but the floods were low and no damage was done.

During June and July the south-west monsoon rainfall was below average. This would have delayed cultivation but for the water issued from Mettur. Due to Mettur the flow in the river was much higher than the natural flow for a considerable period.

Kattalai scheme.—The Kattalai high level channel was opened for irrigation down to the tail end. Work on the north bank canal was completed.

Floods.—About the end of September 1937, there was heavy rainfall in the Kulittalai Kattuvvari basin for about four or five days. Valayapatti and other tanks burst and the right bank of Kattalai high level channel breached. The breaches were all closed and water allowed in the channel by the middle of October. The proposal to restore the old Panjapatti reservoir to serve as a flood moderator, is being considered.

About the middle of November there were very heavy rains in the basins of the Palar, Cheyyar, Poiney, Ponnir and other rivers which caused heavy floods and damages to anicuts, channels and connected tanks. The approximate cost of repairs will be about Rs. 2½ lakhs. Repairs have been started.

Cauvery gauging.—In accordance with rules of regulation of the Krishnaraj-sagar, joint cross-sections of the three rivers at the standard stations were taken in June and October, and gaugings were jointly made at Unduvadi standard station on the river Lakshmanathirtha.

The right and left bank low level channels from the reservoir were gauged during the irrigation season.

Since Irwin canal has not yet attained its permanent regime, the usual annual gaugings were continued. The power channel at Sivasamudram was gauged during the year at the site newly selected.

In connexion with the Mysore proposals to build a reservoir on the Hemavathy near Gorur, the river at Gorur and Sriramadevar dam and the two channels taking off above the Sriramadevar dam, were gauged during the year.

Chapter II.

M.R.Ry. Diwan Bahadur R. Narasimha Ayyangar Avargal continued as Chief Engineer for Irrigation till 15th September 1936 when he retired from service, and F. M. Dowley, Esq., succeeded him. M.R.Ry. Rao Bahadur V. Ayyadurai Ayyar Avargal continued as Deputy Chief Engineer till 24th September 1936 when he was placed on special duty in connexion with a conference proposed to be held regarding the sharing of the Tungabhadra waters. M.R.Ry. Rao Sahib A. R. Venkata Acharya Avargal succeeded him.

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.

A work is classed productive or unproductive on the 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. 1,15,15,985 against Rs. 1,22,06,977 in 1935-36. The total revenue realized was Rs. 3,23,94,323 against Rs. 3,29,69,522 in the

previous year. The area charged as irrigated was 7,327,551 acres against 7,552,515 acres in the previous year. The net revenue after deducting working expenses was Rs. 1,70,62,466 against Rs. 1,72,78,206 in the previous year. The expenditure figures include indirect charges. If direct charges alone are considered, the expenditure during the year was Rs. 106.62 lakhs against the budget allotment of Rs. 125.45 lakhs. The total cropped area in the Presidency during 1936-37 under the chief food-grains and industrial crops, both irrigated and dry, was 36,597,412 acres or 31,415 acres less than in the previous year. The area irrigated by Government irrigation works was 7,327,551 acres or 20.02 per cent of the total cropped area. This area was 224,964 acres less than in 1935-36. The decrease was due to the failure of monsoon and inadequate and untimely supplies.

4. *Financial results*—(i) *Productive works*.—The capital outlay during the year was Rs. 18,63,264 and to the end of the year Rs. 15,39,35,445. The area charged as irrigated was 4,006,085 acres and the estimated value of crops raised was Rs. 19,23,99,475. The net revenue derived was Rs. 1,19,54,740, representing a return of 7.77 per cent on the capital outlay. The accumulated profits to the end of the year amounted to Rs. 30.80 crores.

(ii) *Unproductive works*.—The capital outlay during the year was Rs. 68,023 and to the end of the year Rs. 3,84,52,059. The area charged as irrigated was 277,627 acres and the estimated value of crops raised was Rs. 1,03,14,606. The net revenue derived was Rs. 4,21,170 representing a return of 1.10 per cent on the capital outlay.

(iii) *Minor works for which capital and revenue accounts are not kept*—(a) *Irrigation works*.—There are about 34,300 works in this class against about 36,000 works in 1935-36. The decrease is due to transfer of several works in Ganjam to Orissa. The outlay on them during the year was Rs. 36,18,647. The revenue realized was Rs. 92,02,179. The area charged as irrigated was 3,043,839 acres.

(b) *Navigation, etc., works*.—The outlay incurred was Rs. 9,47,902 and the revenue derived was Rs. 78,719.

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 3,733½ miles. Of this length, 932½ miles were for irrigation and navigation combined and the remainder for irrigation. The length of distributaries was 10,049½ miles.

(3) The capital outlay (direct and indirect) during the year was Rs. 18,63,264 against Rs. 18,83,043 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 works carried out are given in Chapter III.

(4) The total area charged as irrigated was 3,441,738 acres first crop and 564,347 acres second crop against 3,417,615 acres and 526,696 acres, respectively, in 1935-36. The increase under both the crops occurred mainly in the Godavari, Kistna and the Cauvery Delta systems.

(5) The gross working expenses of the year was Rs. 54,44,680 against Rs. 55,31,039 in the previous year.

(6) The gross revenue of the year was Rs. 2,19,66,170 against Rs. 2,17,50,819 in 1935-36. The increase occurred mainly in the Cauvery Delta system.

(7) The net revenue derived and the net profit after deducting interest charges amounted to Rs. 1,19,54,740 and Rs. 57,53,006 against Rs. 1,13,15,325 and Rs. 51,25,136, respectively, in the previous year. The net profit works out to 3.74 per cent on the total capital outlay of Rs. 15,39,35,445 against 6.74 per cent 25 years ago, i.e., in 1911-12. 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. If this outlay is excluded the percentage rises to 6.05.

(8) The estimated value of irrigated crops raised during the year amounted to Rs. 19,23,99,475 against Rs. 20,69,15,908 in the previous year.

(9) The average revenue per acre amounted to Rs. 5.48 on the gross area and Rs. 6.69 on new irrigation. The working expenses per acre were Rs. 1.36 on the gross area, and Rs. 1.80 on new irrigation.

(10) The remissions granted during the year amounted to Rs. 2,81,758 against Rs. 1,70,192 in the previous year. The areas affected were mainly in the Godavari and the Kistna deltas and the Poiney Anicut system.

6. *Irrigation works—Unproductive works.*—(1) There were 28 works of this class including the Thippayapalem Project, the Basavannah channel (extension) and Duvvaleru Project under construction. The Rushikulya system has been removed from the list, as it was transferred to Orissa Province from 1st April 1936. The Kurnool-Cuddapah canal is used for irrigation and navigation, navigation being 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. 68,023 against Rs. 1,37,552 in 1935-36. The bulk of the expenditure was on the Thippayapalem Project and Basavannah channel.

(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 904-1/8 miles.

(4) The area irrigated during the year was 277,627 acres against 405,857 acres in 1935-36. The large decrease is mainly due to the transfer of Rushikulya system to Orissa Province.

(5) The gross working expenses amounted to Rs. 3,85,912 against Rs. 5,77,996 in the previous year.

(6) The gross revenue amounted to Rs. 10,36,565 against Rs. 14,47,848 in 1935-36.

(7) The net revenue due to improvements was Rs. 4,21,170 against Rs. 5,83,134 in the previous year. This represents a return of 1.10 per cent on the capital outlay of Rs. 3,84,52,059 to the end of the year. The net revenue fell short of the interest charges by Rs. 8,64,119 of which Rs. 5,54,948 pertained to the Kurnool-Cuddapah canal. This deficit represents 2.25 per cent on the capital outlay.

(8) The estimated value of crops amounted to Rs. 1,03,14,606 against Rs. 1,62,79,016 in the previous year.

(9) The average revenue per acre amounted to Rs. 3.73 on the gross area and Rs. 4.86 on the new irrigation. The working expenses per acre were Rs. 1.39 on the gross area and Rs. 2.25 on new irrigation.

(10) The remissions granted during the year amounted to Rs. 1,01,802 against Rs. 26,663 in the previous year. The area affected was mainly under the Palar Anicut and the Nagavalli river systems.

7. *B. Navigation, Embankment and Drainage works—Unproductive.*—There were two works of this class, viz., the Buckingham canal and the Vedaranniyam canal, the total length being 297½ miles (Ganjam-Gopalpur canal is excluded as it lies within the Orissa Province). The gross receipts amounted to Rs. 1,10,690 and the charges to Rs. 2,37,653 against Rs. 81,349 and Rs. 1,88,495 respectively, in the previous year. There was thus a loss of Rs. 1,26,963 on the working of these canals, against a loss of Rs. 1,07,146 in 1935-36. The value of goods carried during the year was Rs. 1,05,10,233.

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. 5.17 lakhs showing an increase of Rs. 0.33 lakh over the figure of the previous year. The increase was due mainly to larger receipts from Government boats and steamers in Godavari canals and to annual licence fees in Buckingham canal.

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 1935-36 and the average of the previous triennium :—

	Outlay incurred.	Area irrigated.	Gross revenue.
	RS.	ACS.	RS.
During 1936-37	36,18,647	3,043,839	92,02,179
During 1935-36	33,94,305	3,202,347	96,04,610
Average of the triennium ending 1935-36.	36,89,768	3,168,693	93,40,362

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 88,884 square miles had already been investigated. During the year under review, 3 square miles were investigated bringing the total area investigated to 88,887 square miles. In the area investigated, works were completed in 85,085 square miles and in the remaining area of 3,802 square miles, they were in progress or still to be started.

About 86.72 per cent of the total area of 102,500 square miles affected by the scheme was investigated up to 31st March 1937 leaving on that date a balance of 13,613 square miles. The estimates sanctioned during the year amounted to Rs. 20,275 against Rs. 36,731 in the previous year. The Tank Restoration divisions and subdivisions abolished as a measure of retrenchment in 1931 have not been revived.

(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. 2,02,57,000 nearly, against which the total expenditure incurred was Rs. 1,70,77,517 exclusive of charges for establishment and tools and plant. The expenditure during the year amounted to Rs. 21,112.

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 1936-37	9,47,902	78,719
During 1935-36	9,06,726	84,896
Average of the triennium ending 1935-36	8,89,414	70,908

12. *Projects under consideration.*—The proposal to cross-bund the Coringa river to afford relief to an area of about 20,000 acres liable to submersion from floods in the Coringa arm of the Godavari river was examined by the Collector and supported by him. An alternative proposal to build a lock combined with a regulator at Yanam was taken up and was under examination. This solution if feasible was considered preferable to a cross-bund.

Localization of second-crop zones in the Godavari Eastern and Central deltas was in progress under a Special Executive Engineer and Deputy Collector.

For Gundlakamma Project, water-levels, as in 1935-36, were recorded with the aid of automatic recorders. To obtain reliable information about the quantity of water available, it was decided to gauge the stream with current meters for about 9 months from July 1937.

Gaugings of the Pillaperu for improving supply to the Mopad channel were continued during the year.

The preliminary investigation of the Rallapad Project (Nellore district) was ordered by Government during the year.

For the Tungabhadra Project, joint gaugings with the Mysore and Hyderabad Governments at Valvapur and Sunkesula were continued and completed during the year. Experiments to determine water requirements of crops to be grown in the project area, were sanctioned by Government during the year, and land acquisition proceedings were started late in the year.

An estimate for the Duvvaleru scheme was sanctioned by Government and work was started. An estimate for Rs. 1,41,000 for excavating a channel on the right bank of the Pennar to irrigate certain villages in Siddhout taluk, Cuddapah district, was submitted to Government during the year. Gaugings of the Pennar for the Pennar-Kumudavathi Project were continued.

A revised estimate for the Lower Bhavani Project was submitted to Government. Experiments on the duty of water for dry crop at Chennasamudram and Kugalur were completed and final reports received. A report on the experiments at Kugalur was sent to the Board of Revenue. Transmission losses were observed in certain channels and distributaries.

The Siruvani scheme was dropped.

The estimate for restoring the old course of the Uyyakondan channel was still with Government.

13. *Character of the season.*—The south-west monsoon set in about the latter half of May with heavy rains on the West Coast. The rainfall in June was normal in the Circars except Kistna and Guntur, the Deccan, the Carnatic, Chittoor and Tinnevely; it was above normal in July in all districts except Kurnool, Bellary, Anantapur and Cuddapah. In August the monsoon weakened and rainfall was below normal except in Vizagapatam, East and West Godavari. There were good rains about the end of September in Bellary, Anantapur, Chittoor, Salem, Coimbatore, Madura, Ramnad and Tinnevely. On the whole the south-west monsoon was defective except in Vizagapatam, East and West Godavari, Kistna, Guntur, Chingleput, Chittoor and Salem. The extent of wet cultivation was slightly above normal.

The north-east monsoon was generally below normal except in the Circars during October. It was active in November and the rainfall was above normal except in Vizagapatam. It weakened in December and rainfall was below normal except in Coimbatore, Madura and Ramnad. The rainfall was on the whole below normal in all districts except East Godavari, Guntur, Nellore, Chingleput, South Arcot, Tanjore, Madura, Ramnad and Tinnevely. The condition of standing crops was generally fair except in parts of Bellary and Anantapur districts.

The average rainfall in the Presidency exclusive of the West Coast and the Nilgiris for the official year 1936-37 was 35.04 inches as against 34.49 inches in the previous year and against the average of 34.99 inches for the five years ending 1935-36.

14. *Floods.*—The highest flood in the Godavari river on 26th July 1937 was 12.4 feet over the crest of the Dowlaishwaram anicut. The record flood of 1891 was 17 feet over the anicut but the crest of the anicut was then 0.75 foot lower than it is now. The maximum flood in the Kistna river was 10.55 feet over the Bezvada anicut on the 5th July 1936 against a record flood of 23.50 feet in October 1903. The maximum reading for the year in Tungabhadra at Sunkesula was 3.89 feet on the crest of the anicut on the 2nd July 1936, the record being 10.40 feet on the 31st October 1916. The maximum depth over the Adinimayapalle anicut across the Pennar was 1.8 feet on the 1st October 1936, the record being 13.86 feet on the 26th October 1874. The Cauvery rose to 7.80 feet on the Cauvery dam on 3rd November 1936 against the record of 14.65 feet on the 20th July 1924. The highest flood in the Tambraparni at Srivaikuntam for the year was 11.8 feet on 29th June 1936 against the recorded maximum of 21.8 feet on 16th December 1923.

15. *Breaches and accidents.*—Due to heavy rains in August 1936 damages were caused to the Thotapalli regulator across the Nagavalli river in Vizagapatam district. The retaining wall and apron in rear of the eighth vent were completely washed away. The body walls in first and fourth vents were partly damaged. Due to a heavy cyclone that struck the coast and moved inland on 28th October 1936 and the consequent floods of 30th October, the right bank of the Commamur Canal was practically under water from 31/0 to 68/0. There were numerous breaches in the third and fifth reaches of the canal in both banks ranging from 20 feet to 300 feet in length. A number of river sets was also affected. Heavy rains were recorded at Polampalli and Muchintala, and the Muniyeru system was seriously affected. The undertunnels at 7/4-5 and 12/5-6 were badly damaged. There were six breaches near 7/4, 10 to 12 feet in depth and 20 feet to 100 feet in length. The Kambhampad tank close to the undertunnel at 12/5 breached and the flood waters attacked the canal banks and breached them in seven places, the breaches varied from 10 to 20 feet in depth and

50 to 250 feet in length. The channel side revetment at the under-tunnel was washed away for about 300 feet. Owing to abnormally heavy rainfall, 14 inches on the 6th and 7th November 1936 in and around Nellore, a number of irrigation channels and some minor tanks breached. The Pennar left flood bank breached for about 70 feet to a depth of 30 feet. Fortunately there were no other damages in the Pennar system. The Machavaram tank, a major irrigation tank, breached for a length of 100 feet following a rainfall of 11 inches in Kandukur on the night of 6th November. Prompt steps were taken to repair the damages. Due to a sudden flood in Amaravathi in November 1936, the Nanjalakurichi anicut was damaged for a length of 112 feet. A temporary ring bund was put up for irrigation purposes. Due to unprecedented rains on 2nd November 1936 heavy damages were caused to almost all anicuts and channels in Pollachi, Udampet and Dharapuram taluks. A portion of the restoration work done after the floods of November 1935 was damaged. Substantial permanent repairs are being attended to by a special subdivision.

16. *Irrigation Advisory Boards.*—There were no advisory boards in Vizagapatam, Cuddapah, Anantapur, Chingleput, Chittoor, North Arcot, South Arcot, Ramnad and Coimbatore districts. The boards in Nellore, Bellary, Madura and for the South Bank canal in Trichinopoly district did no work. Three advisory boards—two for Kurnool-Cuddapah canal and one for Barur tank system in Salem district were newly formed during the year. Prompt action was taken by the local officers on representations made by the advisory boards.

17. *Irrigation Panchayats.*—Seventy irrigation panchayats were working in the several districts of the Presidency in the beginning of the year. During the year under review, fourteen new irrigation panchayats were formed and one dissolved, leaving on the whole 83 panchayats at the end of the year. As in the previous year, there were no irrigation panchayats in Chittoor, Tanjore and Madura districts. The working of the panchayats was, on the whole, satisfactory.

18. *General.*—The accelerated and widespread scheme of improvements to minor irrigation works continued during the year and work to the value of Rs. 19.57 lakhs was done during 1936-37. Total expenditure under the head to the end of the year was Rs. 32.95 lakhs.

Chapter III.

A. IMPORTANT WORKS CARRIED OUT DURING THE YEAR.

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

CAUVERY-METTUR PROJECT.

1. *Staff—Headworks.*—The Sales subdivision which was sanctioned on a temporary basis was abolished on 1st July 1936 and the work amalgamated with the Stanley Dam subdivision.

2. *Progress of works—Stanley dam and supply channel—Constructing a bell-mouth entrance and extending the piers of the bridge over the supply channel—(Estimate Rs. 21,479).—*Outlay during the year was Rs. 14,565.

*Constructing a stepped apron in rear of surplus sluices and extending the divide wall—(Estimate Rs. 75,900).—*Expenditure during the year was Rs. 7,269.

High and low level sluices.—Some of the roller cages on which the gates move were found badly worn. Arrangements are being made to renew the worn-out rollers and to put in deflector plates to keep the high velocity jet away from the shutter grooves.

Supply channel.—The bridge piers were extended on the upstream side and the approaches to the bridge improved by constructing sloping bell mouths which lead the water to the bridge without eddies. The scours in the channel have all been filled up.

Surplus course.—Stepped masonry aprons are being constructed opposite the tenth and eleventh vents to prevent retrogression of levels. The scour pits below the last retaining wall in other vents have been filled up.

Sewage farm.—The sewage farm was worked departmentally till 31st March 1937. It was auctioned from 1st April 1937 for a period of two years for Rs. 4,040. The net revenue realized in 1936-37 was Rs. 1,228.

Drainage gallery.—Leakage has decreased from 39 cubic feet per minute to 2.8 cubic feet.

Industrial development.—Certain concerns have agreed to purchase lands and buildings at Mettur and the following industries are likely to be started soon :—

- (1) A spinning and weaving mill by the Mettur Industries, Ltd.,
- (2) an alkali factory by the Mettur Chemical and Industrial Corporation, and
- (3) dye works by the South Indian Dye Works, Ltd.

Earthquakes.—There was a mild shock on the 15th March 1936 which was felt throughout the district. The Superintendent, Geological Survey of India, visited the place in April 1936 and reported that there was no cause for anxiety about the dam.

CANAL SYSTEM.

No. II Canal Division, Pattukkottai, was closed on 30th June 1936.

Grand anicut canal system.—Practically all works were completed. The few connected with the railway line which crosses the canals are nearing completion.

The capital outlay during the year amounted to Rs. 1.18 lakhs and to the end of the year Rs. 659 lakhs against the total estimate of Rs. 7.37 crores.

Kattalai Scheme—Kattalai High Level channel.—Outlay during the year was Rs. 26,573 and to the end of the year Rs. 14,24,844.

The works in the main channel were completed and the excavation of distributaries was in progress. The channel was opened for irrigation during the current year and a good area was irrigated.

*Kattalai North Bank Canal—(Estimate Rs. 3,62,000).—*The expenditure during the year was Rs. 488 and to the end of the year Rs. 3,40,923. The canal was opened on 1st August 1934 and had been functioning satisfactorily since. The area irrigated exceeded the anticipated figure.

Basavannah Channel Extension.—The work was in the closing stages and an expenditure of Rs. 13,332 was incurred during the year. Expenditure to the end of the year was Rs. 4,64,552 against the sanctioned estimate of Rs. 5.93 lakhs.

Thippayapalem Project—Constructing a storage reservoir at Rallavagu near Thippayapalem.—(Estimate Rs. 4,67,600.) The subdivision was revived in November 1936. The breached earthen bund was removed and the foundations excavated for over half the length of the masonry dam. A levelling course of concrete was laid and rough stone masonry to an average height of 4 feet was built. Further work was in good progress. The outlay during the year was Rs. 29,380 and to the end of the year Rs. 3,20,646.

Nagavalli River System—Excavating the Palavalasa distributary.—(Estimate Rs. 17,000.) Expenditure during the year was Rs. 3,001 and to the end of the year Rs. 10,552.

Godavari Delta System—(1) Installation of the 3 feet shutters over the Godavari anicut.—(Estimate Rs. 4,48,000.) Outlay during the year was Rs. 1,43,088 and to end of the year Rs. 3,57,665.

(2) *Constructing a lock and regulator across the Cocanada canal.*—(Estimate Rs. 70,287.) Outlay during the year was rupees 9,785 and to the end of the year Rs. 25,134.

(3) *Providing irrigation facilities for Government waste lands in Vempa, Mutyalupalli and Losarigutlapadu ranges.*—(Estimate Rs. 88,885.) Expenditure during the year was Rs. 5,988 and to the end of the year Rs. 64,165.

(4) *Excavating a channel to the Losarigutlapadu village.*—(Estimate Rs. 1,01,000.) Outlay during the year was Rs. 29,878 and to the end of the year Rs. 30,078.

(5) *Excavating a channel to the Vemuladevi village.*—(Estimate Rs. 1,10,000.) Expenditure in the year was Rs. 31,690 and to the end of the year Rs. 31,890.

(6) *Remodelling the Pallamkurru Nos. I and II channels of Bank Canal.*—(Estimate Rs. 31,700.) The work was started during the year with a small outlay of Rs. 84.

Polavaram Island Project—Extending the north and south embankment of the Polavaram island and constructing outfall sluices.—(Estimate Rs. 63,550.) Outlay during the year was rupees 13,973 and to the end of the year Rs. 53,674.

Kistna Delta System—(1) *Extension of the Kistna East Bank canal*.—(Estimate Rs. 28,49,320.) The outlay during the year was Rs. 6,60,262 and to the end of the year Rs. 23,81,197. The Kistna East Bank Canal including the Divi Canal was excavated to the required sections and water was supplied to Divi island. The aqueduct at Puligedda with the road over it was completed and opened for irrigation in June 1936. Earthwork was in progress (i) on widening the Masulipatam Canal from 2 miles 2 furlongs 220 feet to 4-3,300 feet, (ii) excavating No. IV. Vemulapalli channel.

The construction of pipe sluices in masonry was in progress during the year. Land acquisition for field channels was in progress.

(2) *Campbell canal*.—(Estimate Rs. 4,28,690.) Improvements to the Campbell Canal were nearing completion. Some minor items such as making up low places, repairing slips, constructing ramps and masonry pipe sluices were in progress. All the locks were opened for navigation.

The expenditure during the year was Rs. 1,22,993 and to the end of the year Rs. 3,40,290.

(3) *Excavating the pedakondur channel—Kistna Western delta*.—(Estimate Rs. 47,286.) The outlay during the year was Rs. 78 and to the end of the year Rs. 47,429.

(4) *Excavating the Tumulur, Davalur and Kollipara new channels*.—(Estimate Rs. 54,071.) The outlay during the year was Rs. 737 and to the end of the year Rs. 37,484.

(5) *Excavation of the Kistna West High Level channel*.—(Estimate Rs. 7,11,431.) The expenditure during the year was Rs. 2,53,590 and to the end of the year Rs. 2,91,611.

(6) *Excavation of the Appapuram channel*.—(Estimate Rs. 10,75,700.) Work was started during the year and an expenditure of Rs. 29,701 was incurred.

(7) *Excavating a straight cut for the Kollimerla drain*.—(Estimate Rs. 54,000.) The work was started during the year and an outlay of Rs. 18,906 was incurred.

Pennar River Canals System—*Extension of irrigation under the Kanigiri reservoir*.—(Estimate Rs. 41,300.) The outlay during the year was Rs. 2,281 and to the end of the year Rs. 35,475.

Fitting up of falling shutters over the Sangam anicut.—(Estimate Rs. 1,36,500.) The work was started late in the year and an outlay of Rs. 14,005 was incurred.

Cauvery Delta System—(1) *Improvements to the Odambogiyar*.—(Estimate Rs. 41,500.) Outlay on the work during the year was Rs. 3,594 and to the end of the year Rs. 37,591.

(2) *Remodelling the third reach of the Pandavayar*.—(Estimate Rs. 49,510.) Expenditure during the year was Rs. 14,283 and to the end of the year Rs. 20,896.

(3) *Improvements to Thillaiivilagam and Pallimodu channels under the Viranvayal regulator*.—(Estimate Rs. 32,400.) The outlay during the year was Rs. 3,224 and to the end of the year Rs. 22,892.

(4) *Remodelling the Odambogiyar from 74/80 to the Kivalur dam*.—(Estimate Rs. 88,700.) The work was started and an expenditure of Rs. 2,904 incurred.

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

Kistna Central Division—*Formation of a new tank in Pydurpad village*.—(Estimate Rs. 25,360.) The outlay during the year was Rs. 944 and to the end of the year Rs. 20,002. The work was completed.

Improvements to Yerracalva.—(Estimate Rs. 17,500.) The outlay during the year was Rs. 9,984. The work is in progress.

Kurnool Division—(1) *Restoring the Kothapalli spring channel*.—(Estimate Rs. 22,800.) The outlay during the year was Rs. 701 and to the end of the year Rs. 16,217 excluding the amount spent out of contribution.

(2) *Restoration of the Pedasattipalli spring channel*.—(Estimate Rs. 44,900.) The expenditure during the year was Rs. 8,993 and to the end of the year Rs. 21,083.

Salem Division—*Restoration of the Gudumalai tank*.—(Estimate Rs. 37,700.) The outlay during the year was Rs. 2,172. The work was completed at a cost of Rs. 43,318.

Trichinopoly Division—(1) *Improvements to the Musiri Nattu Voikal*.—(Estimate Rs. 46,460.) The outlay during the year was Rs. 413 and to the end of the year Rs. 36,649.

(2) *Excavation of the Puduvoithalai High Level channel for the irrigation of sanded areas of the Murungapettai block*.—(Estimate Rs. 73,000.) The expenditure during the year was Rs. 5,006 and to the end of the year Rs. 56,794.

(3) *Restoring the Neiveli anicut and channel and improving the Neiveli, Sitambur and Komangalam tanks*.—(Estimate rupees 38,000.) The outlay during the year was Rs. 1,649 and to the end of the year Rs. 29,922.

B. SEASON, RAINFALL AND SUPPLY.

Godavari Delta.—Rainfall during the year was above the average. The first freshes arrived on 18th June 1936 and the river maintained steady supplies in the canals. Due to this, transplantation of the first crop both in the Eastern and Central deltas was completed early. The second crop season also was good in both deltas, supplies being well maintained till the end. In the Eastern delta, due to unusually heavy rains in October, crops on tail-end lands were submerged, damage also occurred due to breaches.

In the Western delta, there were heavy rains during the transplantation period and portions of the delta suffered badly from submersion with consequential loss of crops. Permission was given to irrigate additional areas of second crop on lands on which the first crop had failed.

Nagavalli River system.—Due to continuous rains from 8th June onwards, there was no demand for water till 25th June. The channel was opened on 26th June 1936. The early and good rains brought steady supplies in the river which enabled the channel to be run full almost throughout the season except in November when there was some difficulty. The crop yield was on the whole satisfactory.

Though water was supplied for second crop in the previous three years no water could be supplied in the year under report, as the Rajah of Bobbili refused to continue the temporary arrangement. In February 1937 there were good rains which enabled the ryots to raise gingelly and chitteda crops. These crops fared badly during the subsequent hail storms.

Kistna Delta system.—There was little water in the river when the canals were opened on the 15th May. The first freshes of the season arrived on 22nd May earlier than in the past two years. The supply gradually increased in June and there were floods in July. Rains in June and July helped transplantation which was completed by the first week of August. In spite of the favourable season, due to cyclonic winds and rains crop yields in the affected area were somewhat below normal.

Divi Pumping system.—The Campbell Aqueduct across the Puligedda arm of the Kistna river was opened on June 21st, 1936, and the usual pumping operations stopped from that date. Supply of water to the island through the East Bank Canal was satisfactory throughout the season. The Divi main canal was closed for irrigation from 1st December 1936 but a small supply was allowed till the 15th December to wash out the lands affected by sea water.

About 50 per cent of the seedlings was grown under temporary doruvus. Transplantation commenced in the last week of June and was completed about the end of August. There was sufficient rainfall in July and August to supplement canal supply for transplantation.

The cyclone of 28th October 1936 caused damage to standing crops.

Pennar River Canals system.—There were occasional but insufficient rains throughout the year and heavy rains in November 1936. The heavy local rains (14 inches at Nellore), 9.46 inches at Kanigiri reservoir and 7.90 at Sangam and floods on November 7th, 1936 helped cultivation and but for them there would have been difficulty in completing transplantation in time and wetting the lands already transplanted.

Grand Anicut canal.—The irrigation season commenced late in the year. There were practically no rains in the transplantation season. Heavy rains set in in November 1936 and continued during December. The season was on the whole fair.

Periyar system.—The season was favourable. The general condition of the crops was good and water-supply sufficient.

There were floods in the Vaigai river on the 3rd and 4th November 1936. The highest readings in front and rear of the Peranai regulator were 16.5 feet and 12.7 feet, respectively, when all the gates were opened 14 feet each. The headsluice in the Periyar lake was opened at 12 noon on 1st June 1936, with a lake level at +141.95. The headsluice was closed at 6 p.m. on 1st March 1937 when the lake was at level +140.72. The highest water-level in the lake during the year was +152.56 on 1st July 1936.

C. CLOSURE OF CANALS.

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

Godavari delta.

Canals.	Date of closure.	Date of re-opening.
Eastern delta canals	.. 24th April 1936	.. 1st June 1936.
Central delta canals	.. 15th April 1936	.. 23rd May 1936.
Western delta canals	.. 26th April 1936	.. 3rd June 1936.
Dummagudem canal	.. 31st March 1936	.. 10th June 1936.

Kistna delta.

Canals.	Date of re-opening.	Date of closure.
Kistna Eastern delta—		
Main canal	15th May 1936	15th March 1937.
Bandar canal	Do.	1st March 1937.
Ryves canal	Do.	Do.
Ellore canal	1st June 1936	15th March 1937.
Kistna Western delta—		
All canals	1st June 1936	15th March 1937 (Nizampatam and Bank canals). 25th March 1937 (Main Canal and Commamur canal).

D. INDUSTRIAL CROPS.

The area under sugarcane in the various systems for which capital and revenue accounts are kept during the year was 23,435 acres (chiefly in the Godavari and Kistna deltas, and in Hospet taluk of Bellary district), against 23,748 acres in the previous year. The area under indigo cultivation was 2,178 acres under the Pennar river canals system against 31 acres 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	498	2,629	..	3,127
In charge of Revenue Department.	5,306	24,244	1,639	31,189
Total ..	5,804	26,873	1,639	34,316

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 sub-joined statement shows the details of outlay during the year—

Statement showing the outlay in 1936-37 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	53,010	..	..	..	53,010
Extensions and improvements	76,934	104	81,562	..	1,58,600
Maintenance and repairs	10,01,977	22,366	5,16,693	21,112	15,62,148
Establishment	3,25,451	4,600	2,36,856	7,033	5,73,940
Tools and plant	3,158	50	1,828	92	5,128
Miscellaneous expenditure	55,856	..	..	..	(a) 55,856
Total ..	15,16,386	27,120	8,36,939	28,237	24,08,682
Add outlay by Civil officers on minor irrigation works.	..	..	..	..	(b) 12,09,965
Grand total ..	..	..	..	..	36,18,647

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

	RS.
(b) Works	18,631
Maintenance and repairs	9,56,604
Establishment	2,34,725
Tools and plant	5
Total ..	12,09,965

PUBLIC WORKS DEPARTMENT (IRRIGATION BRANCH), 1936-37 19

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

	1935-36.	1936-37.
	RS.	RS.
Irrigation revenue	95,35,736	91,41,418
Receipts collected by the Public Works Department	68,874	60,761
Total ..	96,04,610	92,02,179

5. The net revenue of the year after deducting working expenses amounted to Rs. 56,53,312 against Rs. 63,06,656 in the previous year. The decrease is mainly due to the transfer of a number of works in Ganjam to the Orissa Province.

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 1936-37 :—

Table showing the districts and the works done in them during and up to the end of the year 1936-37.

Circle.	District.	Approximate area investigated.		Number of estimates sanctioned.		Amount of estimates sanctioned.	
		During the year 1936-37.	To the end of the year 1936-37.	During the year 1936-37.	To the end of the year 1936-37.	During the year 1936-37.	To the end of the year 1936-37.
		SQ. MLS.	SQ. MLS.			RS.	RS.
Dowlaiswaram	Ganjam	..	36	3	31	1,015	7,198
	Vizagapatam	..	1,314	1	466	3,385	15,48,711
	East Godavari	..	147	1	919	..	2,40,888
	West Godavari	2,68 *	2,412	..	160	..	2,04,724
Bezawada	Kistna	..	1,491	..	257	..	6,13,994
	Guntur	..	4,411	..	474	..	3,33,682
	Nellore	..	7,300	..	340	1,515	11,82,207
	Kurnool	..	7,648	..	1,319	..	3,44,321
Bellary	Cuddapah	..	4,650	1	251	..	10,69,692
	Bellary	..	10,518	..	789	..	32,45,001
	Anantapur	..	7,830	..	2,050	..	5,86,768
	Chittoor	..	5,093	..	602	..	27,03,632
Madras	Chingleput	..	2,227	..	..	..	3,10,079
	North Arcot	..	..	..	2,001	..	11,32,587
	North Arcot	..	4,659	..	149	13,440	16,29,113
	Coimbatore	..	8,097	1	1,272	..	7,94,940
Coimbatore	Salem	..	6,052	..	723	..	12,37,649
	South Arcot	..	850	..	610	920	14,95,984
	Tanjore	..	1,140	..	601	..	18,42,766
	Tanjore	..	4,564	1	1,644	..	2,33,325
Trichinopoly	Trichinopoly	..	4,836	..	969	..	..
	Madura	..	1,969	..	3	..	..
	Tinnevely	..	1,969	..	..	..	..
	Ramnad	..	1,643	..	..	..	..
Total ..	..	3	88,887	7	15,730	20,275	2,02,57,461

* Or 3 square miles.

Navigation, Embankment and Drainage Works.

7. The receipts realized by the sale of plantation and produce of trees along river embankments amounted to Rs. 78,719 against Rs. 84,896 in the previous year.

8. The expenditure was 9,47,902 against Rs. 9,06,726 in the previous year as detailed below:—

	1936-37.	1935-36.
	RS.	RS.
Works	22,160	3,043
Extensions and improvements ..	14,364	5,373
Maintenance and repairs ..	6,78,198	6,78,135
Establishment	2,27,737	2,15,895
Tools and plant	4,558	3,471
Other charges	885	809
Total	9,47,902	9,06,726

MADRAS,
15th December 1937.

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 1936-37.

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Source of supply of water	Nagavalli river system.	Godavari delta system.	Kistna delta system.	Divi pumping system.	Pennar river canals system.	Kurnool-Cuddapah canal.	Pokey anicut system.	Cheyar anicut system.
Minimum discharge of river ..	99	4,278	..	..	..	227	Nil.	Nil.
Maximum discharge of main canals, ..	414	14,510	13,284	718	8,392	2,000	3,217	1,542
as designed ..	582	12,250	12,286	691	5,951	..	2,561	1,210
Maximum discharge during the year ..	5505	5554	4444	5102	4287	1806	3128	2999
Average rainfall for the year ..	49,930	1,295,000	1,350,400	100,000	258,600	383,113	42,560	29,461
Greatest area commanded ..	31,200	1,192,500	1,000,000	80,000	190,000	357,569	23,824	29,461
Culturable area commanded ..	27,658	840,000	968,000	50,000	165,385	130,282	23,824	23,824
Area irrigable by complete project ..	27,500	810,000	820,000	42,000	162,500	123,419	22,462	22,657
Area irrigable at present ..	..	..	..	..	..	..	..	..
Sanctioned estimate—	17,47,770	1,10,89,332	1,42,13,010	19,50,000	47,80,289	..	2,67,178	4,42,955
Direct charges ..	68,530	19,44,864	1,81,160	18,000	10,03,096	..	6,379	11,754
Indirect charges ..	2,93,217	1,11,38,052	1,28,24,716	3,23,617	22,88,418	..	..	..
Interest during construction ..	..	..	..	..	..	..	..	..
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 1936-37—	..	..	..	..	..	..	..	..
Direct charges ..	17,02,165	1,65,70,789	2,08,00,553	25,91,505	58,58,203	2,38,13,676	2,95,106	5,32,995
Indirect charges ..	42,506	20,60,350	11,78,851	61,638	10,15,451	73,438	8,812	35,157
Interest during construction ..	2,95,217	99,82,397	96,15,269	3,09,819	25,84,125	..	..	..
Total, Expenditure ..	20,37,888	2,86,13,536	3,15,94,673	29,62,962	94,57,779	2,33,87,114	3,03,918	5,38,152
Works completed at end of 1936-37—	..	..	..	..	..	..	..	..
Main canals, irrigation ..	64½	509-5/8	407½	50	30½	417½	{	55
Branch canals, irrigation ..	..	1,887	2,285	120½	477	294½	..	40
Distributaries ..	47½	..	..	..	..	75	..	120
Of above—	..	..	..	..	..	..	..	..
Navigable ..	..	401-3/8	440-7/8	..	..	..	..	..

A-I.—Statement of Canals in the Madras Presidency for the year 1936-37—*cont.*

Source of supply of water	Tirukkoyilur ancient system.	Shattiope ancient system.	Lower Coleroon ancient system.	Cauvery delta system.	Srivalkuntam ancient system.	Chicacole minor rivers system.	Muniyera system.
	(10)	(11)	(12)	(13)	(14)	(15)	(16)
	River Ponnai.	River Vellar.	River Coleroon.	River Cauvery.	River Tambaparni.	Rivers Langulya, Vamsadhara and Garibula- gedda drain.	River Muniyera.
Minimum discharge of river ..	134	136	..	..	..	..	..
Maximum discharge of main canals, ..	1,271	850	2,377	43,750	1,860	..	300
as designed, ..	863	960	3,334	25,246	1,283	..	308
Maximum discharge during the year ..	37,34	41,30	3,394	35,34	1,286	42,26	41,13
Average rainfall for the year ..	54,895	108,069	158,526	1,706,023	80,000	88,000	1,447
Gross area commanded ..	45,977	43,965	117,333	609,034	33,500	70,000	13,024
Culturable area commanded ..	28,000	31,000	110,308	908,375	26,000	67,000	10,580
Area irrigable by complete project ..	28,000	32,000	107,928	900,926	26,000	66,800	10,000
Area irrigable at present ..	..	..	..	..	..	..	..
Sanctioned estimate—							
Direct charges ..	3,66,759	9,15,245	18,69,597	16,62,925	13,61,320	2,58,182	6,71,434
Indirect charges ..	9,189	57,271	71,259	1,66,767	1,15,256	10,203	28,000
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 1936-37—							
Direct charges ..	3,89,189	10,29,416	29,13,423	77,49,768	16,67,459	2,78,196	5,71,899
Indirect charges ..	10,001	59,671	88,246	2,61,273	1,07,604	11,080	29,751
Interest during construction ..	..	..	..	13,37,765	8,67,827	..	..
Total, Expenditure ..	3,99,190	10,89,087	30,01,669	93,48,806	26,42,890	2,89,226	6,01,150

Works completed at end of 1936-37—

Main canals, irrigation ..	57	3	94	1,258½	28	87½	26½
Branch canals, irrigation ..	80	88	289	3,205	46	191-7/8	34
Distributaries ..	28-23	149	620	..	..	78-3/8	6½
Of above—							
Navigable ..	..	..	..	..	..	..	..

A-I.—Statement of Canals in the Madras Presidency for the year 1936-37—*cont.*

Source of supply of water	Sagileru system.	Arenkota channel.	Tadapalli channel.	Kalingaro- yan channel.	Palar ancient system.	Valhur ancient system.	Mehamat- tur ancient system.	Vridha- chalam ancient system.	Pelandoral ancient system.
	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)
	River Sagileru.	River Bhavani.	River Bhavani.	River Bhavani.	River Palar.	River Kortaiyar.	River Manimuk- tanadi.	River Manimuk- tanadi.	River Vellar.
Minimum discharge of river ..	..	..	..	..	..	..	163	17	208
Maximum discharge of main canals, ..	477	552	725	893	5,631	113	263	351	740
as designed, ..	231	692	951	716	1,984	3,566	196	306	748
Maximum discharge during the year ..	37,07	25,21	25,91	26,16	28,80	45,54	38,01	40,05	41,87
Average rainfall for the year ..	33,576	6,000	20,493	15,875	140,131	10,124	13,792	19,993	60,670
Gross area commanded ..	26,576	5,000	18,332	15,000	105,032	6,794	10,651	16,359	16,677
Culturable area commanded ..	4,500	3,000	18,332	12,500	82,718	5,216	5,200	15,559	16,000
Area irrigable by complete project ..	4,500	4,845	13,400	12,327	78,668	5,216	5,000	8,329	12,337
Area irrigable at present ..	..	..	..	..	..	..	..	..	..
Sanctioned estimate—									
Direct charges ..	4,47,108	1,47,006	1,70,380	1,78,780	23,28,492	74,535	70,761	84,191	6,42,823
Indirect charges ..	17,619	3,676	11,050	4,506	1,16,752	1,666	1,897	2,494	47,800
Interest during construction ..	..	..	..	..	..	..	..	..	..
Total, Estimate ..	4,64,727	1,50,682	1,81,430	1,83,286	24,45,244	76,201	72,658	86,685	6,90,623
Expenditure to end of 1936-37—									
Direct charges ..	4,47,108	1,40,769	1,66,383	1,75,980	23,48,502	74,366	81,924	1,04,144	6,43,302
Indirect charges ..	17,619	3,676	11,063	4,506	1,17,304	1,916	2,071	4,060	48,772
Interest during construction ..	..	..	..	..	..	..	..	..	..
Total, Expenditure ..	4,64,727	1,44,445	1,77,446	1,80,486	24,65,806	76,282	83,995	1,08,204	6,92,074

Works completed at end of 1936-37—

Main canals, irrigation ..	12	20	48	57	156	5½	7	17	15
Branch canals, irrigation ..	..	4	37	5½	139	3	8	16	24
Distributaries ..	..	..	..	..	..	..	9-26	16	25
Of above—									
Navigable ..	..	..	..	..	..	..	..	..	..

A-I.—Statement of Canals in the Madras Presidency for the year 1936-37—*cont.*

Source of supply of water	Nandiyar channel system. (26)	Marudur ancient system. (27)	Nagavaram ancient and supply channel. (28)	Kaniyam-palayam ancient. (29)	Polavaram Island project. (30)	Kattalai schem. (a), (b) & (c). (31)	Buckingham canal. (32)	Vedaram-yanam canal. (33)
Minimum discharge of river	..	..	77-08	..	44	..	..	..
Maximum discharge of main canals, " per sec.	237	1,535	78	27-56	292	1,671	..	..
Maximum discharge during the year.	234	1,360	78	..	252	1,624	..	..
Average rainfall for the year	35-33	41-86	34-63	26-32	60-65	26-59	..	..
Gross area commanded	9,480	85,840	894	1,600	23,135	78,507*	..	..
Culturable area by complete project	7,295	17,920	894	1,600	18,648	74,978*	..	..
Area irrigable at present	7,084	17,920	894	400	17,500	71,434*	..	..
Sanctioned estimate—								
Direct charges	63,231	50,541	1,07,205	1,36,243	17,97,194	42,96,845	87,56,015	1,32,699
Indirect charges	2,434	1,265	2,535	3,757	24,463	71,381	4,88,256	3,733
Interest during construction	..	..	..	..	..	..	..	..
Total, Estimate	65,715	51,806	1,09,800	1,40,100	18,21,657	43,68,226	9,04,427	1,36,432
Expenditure to end of 1936-37—								
Direct charges	63,231	58,721	1,07,295	1,07,221	16,46,273	38,12,748	85,92,529	1,32,699
Indirect charges	2,434	1,401	2,595	3,853	27,229	90,481	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	90,81,993	1,36,432
Works completed at end of 1936-37—								
Main canals, irrigation	31	29	2	10½	..	74-3/8	262	35½
Branch canals, irrigation	..	..	..	..	..	..	..	..
Distributaries	..	74	..	..	44-5/8	44-3/8	..	..
Of above—								
Navigable	..	..	..	..	..	..	262	31½

NOTE.—Ganjam-Gopalpur canal is omitted, canal area being within Orissa Province.

A-II.—Statement of Reservoir Projects in the Madras Presidency for the year 1936-37.

Source of supply of water	Barur tank. (1)	Ponnai river and local rivers. (2)	Periyar system. (3)	Jangama-heswara-puram tank. (4)	Almakur tank. (5)	Dondapad tank. (6)	Hajipuram tank. (7)	Ponnalur tank. (8)
If supplied by } Area of catchment .. Sq. miles. rainfall. } Average rainfall during .. Inches. the year. } Contents of tank between levels of Mill. c.ft. surface of full supply and sill of canal head sluice.	2,082 28-95 248-6	239 99-08 9,815	60 29-72 79	105 20-72 164	56 37-01 288-38	100 36-62 309	32-14 42-82 180-512	..
Gross area commanded	605	10-20	619	575	705	1,600	719	..
Culturable area by complete project	6,887	708,000	960	1,700	3,240	2,900	1,973	..
Area irrigable at present	3,750	Not known.	960	1,160	2,880	2,900	1,973	..
Sanctioned estimate—								
Direct charges	4,00,000	84,71,000	61,253	1,09,951	1,24,786	2,78,774	1,90,887	..
Indirect charges	25,300	2,79,000	10,411	13,428	15,218	33,109	25,011	..
Interest during construction	41,439	16,23,606	..	..	..	..	..	..
Total, Estimate	4,66,739	1,03,73,606	71,664	1,23,379	1,40,004	3,11,883	2,15,898	..
Expenditure to end of 1936-37—								
Direct charges	4,19,375	1,04,64,627	61,253	1,11,959	1,24,786	2,78,774	1,92,975	..
Indirect charges	23,788	3,71,027	10,411	13,444	15,218	33,109	25,674	..
Interest during construction	80,175	16,06,402	..	..	..	..	..	..
Total, Expenditure	5,23,288	1,24,42,056	71,664	1,25,403	1,40,004	3,11,883	2,18,649	..
Works completed to end of 1936-37—								
Dam (height completed)	28 (earth)	173	24	33	23 (partly earth and partly masonry).	6 (masonry).	21½	..
Canals	11	152	..	..	..	..	..	..
Distributaries	26	118	..	..	..	..	..	..

NOTE.—Rushikulya system transferred to Orissa Province from 1st April 1936.

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Source of supply of water	Yellanur tank. (15)	Venkata-puram tank. (16)	Siddapur tank. (17)	Panjapatli reservoir. (18)	Mopad reservoir. (19)	Totudur (Willingdon) reservoir. (20)	Cauvery-Mettur project. (21)
.. .. .	Catchment basin and supply from Chitravathi river.	Free basin and supply from Dhone river.	Bhavanasi and other vagus.	Drainage basin.	Manneru river.	Vellar river and rainfall.	Cauvery river.
If supplied by } Area of catchment .. Sq. miles. rainfall. } Average rainfall during Inches the year.	20-50 23-11	51 17-03	45 33-93	108 28-83	250 25-03	50 43-37	19,300 116-10 (hilly portion) 28-02 (plain portion) 39,500
Contents of tank between levels of Mill. c.ft. surface of full supply and sill of canal head sluice.	342-5	237	636	225	2,007	2,591-58	
Area of surface at full supply .. Acres.	2,617	448	1,125	609	3,100	3,946	* 59-25
Gross area commanded .. "	1,707	1,700	4,900	13,900	13,900	38,400	497,200
Culturable area commanded .. "	1,641	1,700	4,250	900	13,800	25,000	497,200
Area irrigable by complete projects. .. "	925	340	1,000	909	12,500	27,670	332,400
Area irrigable at present .. "	925	340	1,000	100	12,500	25,000	177,000
Sanctioned estimate—							
Direct charges Rs.	2,35,711	3,31,776	9,21,980	3,38,090	21,97,000	29,80,000	7,93,11,000
Indirect charges	30,089	14,824	26,620	68,510	1,00,000	2,50,000	18,97,000
Interest during construction	..	..	..	..	..	..	1,72,19,615
Total, Estimate	2,65,800	3,46,600	9,48,600	4,04,600	22,97,000	32,10,000	9,00,27,655
Expenditure to end of 1936-37—							
Direct charges Rs.	2,30,192	3,72,250	7,91,088	3,27,781	21,93,275	23,48,337	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 1936-37—							
Dam (height completed) Feet.	15	31	27-5	40	71½	50	214
Canals Miles.	..	3½	6-7/8	1½	16-7/8	31½	113 5/8
Distributaries "	3-7/8	..	9	..	84	40	590½

* Square miles.

APPENDIX I

[illegible]

APPENDIX I

	To end of previous year.	1,25,968	658	..	..	10,29,416	59,471	10,89,087	10,43,166
Shatadape system.	During the year.	172	75	..	..	248	2	250	35,977
Cheyay system.	To end of previous year.	4,18,757	736	..	..	5,22,995	15,187	5,38,182	9,50,507
Cumbum tank	During the year.	1,406	389	..	..	1,403	14	1,817	18,918
	To end of previous year.	68,701	15,284	..	..	83,985	2,388	86,373	1,41,147
Polney anicut system.	During the year.	2,34,263	60,576	..	..	2,95,106	8,812	3,03,918	2,793
	To end of previous year.	80,28,303	16,90,738	..	..	1,04,64,627	3,71,027	1,08,35,654	1,51,03,836
Periyar system	During the year.	1,68,51,122	37,46,079	..	206	25,656	11,78,851	2,19,70,404	3,50,570
Kistna delta system	To end of previous year.	10,91,125	2,04,585	..	206	2,562	23,527	18,18,720	8,07,612
Nandiyar channel system.	To end of previous year.	51,476	11,755	..	..	63,231	2,484	65,715	85,441
Chicacole minor river system.	During the year.	2,27,682	50,107	..	..	2,78,196	11,030	2,89,226	2,127
Lower Coleroon anicut system.	To end of previous year.	24,57,252	4,42,566	..	..	29,13,423	38,246	30,01,669	9,556
Divi pumping system.	During the year.	15,16,432	3,95,096	..	..	490	25,91,505	26,53,143	1,12,794
Toludur reservoir project.	To end of previous year.	15,83,680	4,65,536	..	..	2,239	—	2,239	96,659
Polavaram island project.	During the year.	12,72,818	3,63,365	..	..	9,815	23,48,337	25,99,496	18,53,695
Canavery-Mettur project.	To end of previous year.	6,01,16,957	60,25,035	..	..	4,099	2,955	16,73,502	2,975
Kattalal scheme	During the year.	27,061	12,133	..	..	38,731	1,727	40,458	1,85,857
Total, A. Irrigation Works.—I. Productive Works.	To end of previous year.	12,27,24,775	2,01,64,037	1,69,811	19,07,937	14,52,06,554	68,05,627	15,20,72,181	13,79,93,014
	During the year.	15,67,385	4,29,463	—	23,095	1,47,710	32,761	18,63,264	62,01,734

B-1.—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 1936-37—contd.

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		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)
Works or systems.		RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
A.—IRRIGATION WORKS—cont.										
2. UNPRODUCTIVE WORKS—cont.										
Vallur ancient system.	{ To end of previous year.	60,662	13,670	25	..	..	74,366	1,916	76,282	1,68,119
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	2,637
Pelandurai ancient system.	{ To end of previous year.	5,20,637	1,17,426	6,037	..	798	6,43,302	48,772	6,92,074	55,417
Palar ancient system.	{ During the year.	18,50,071	4,69,061	30,042	..	672	23,48,502	1,17,304	24,65,806	21,883
Muniyuru system.	{ To end of previous year.	4,64,861	1,04,512	3,728	..	1,732	5,71,399	29,751	6,01,150	78,479
Dondapad tank.	{ During the year.	3,202	1,162	8	..	7	4,372	32	4,404	19,143
Yerur tank.	{ To end of previous year.	1,05,848	18,945	..	..	..	1,24,786	15,218	1,40,004	1,86,765
Sagileru system.	{ During the year.	50,219	11,522	..	..	..	61,741	1,612	63,353	4,149
Atmakur tank.	{ To end of previous year.	3,54,321	80,339	12,449	..	1	4,47,108	17,619	4,64,727	2,053
Jangamaheswaram tank.	{ During the year.	92,765	19,191	3	..	..	1,11,959	13,444	1,25,403	14,837
Anamasamudram-Beraiperu tank.	{ To end of previous year.	52,564	8,689	..	..	..	61,253	10,411	71,664	3,753
Hajipuram tank.	{ During the year.	58,421	13,266	..	..	..	71,687	1,886	73,573	2,038
	{ To end of previous year.	2,30,686	48,308	..	..	220	2,78,774	33,109	3,11,883	2,384
	{ During the year.	..	..	..	..	..	..	..	..	2,87,806
	{ During the year.	..	..	..	..	..	..	..	..	9,270

APPENDIX I

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.—IRRIGATION WORKS—cont.										
2. UNPRODUCTIVE WORKS—cont.										
Ponnalur tank. { To end of previous year.	1,01,263	31,658	54	..	..	1,32,975	25,674	2,18,649	2,04,480	
Markapur tank. { During the year.	1,01,374	23,066	41	..	..	1,24,481	4,859	1,29,340	6,823	
Nagavalli river system. { To end of previous year.	13,35,858	2,78,071	93,373	..	5,137	17,02,165	42,506	17,44,671	15,54,113	
Venkatapuram tank. { During the year.	3,614	1,146	32	..	171	4,921	36	4,957	57,728	
Bhavanasi tank. { To end of previous year.	3,03,994	64,539	4,236	..	519	3,72,250	12,671	3,84,921	3,04,152	
Yellanur tank. { During the year.	1,85,879	43,103	25,710	..	297	2,54,395	11,096	2,65,491	12,777	
Panlapattil reservoir. { To end of previous year.	1,91,292	41,156	7,087	..	343	2,39,192	30,515	2,69,707	9,613	
Siddapur tank. { During the year.	2,24,998	43,411	60,075	..	703	3,27,781	11,495	3,39,276	8,231	
Nagavaram anicut and supply channel. { To end of previous year.	5,22,751	96,255	1,72,474	..	442	7,91,038	13,448	8,04,486	12,077	
Mopad reservoir. { During the year.	88,757	18,538	..	..	..	1,07,295	2,595	1,09,890	26,367	
Kanniyampalayam anicut. { To end of previous year.	16,66,575	3,20,381	2,34,213	..	27,894	21,93,275	96,422	22,89,697	81,269	
Tippayapalem project. { During the year.	587	213	1	..	17,700	1,07,221	3,853	1,11,074	1,02,137	
Basavannah channel. { To end of previous year.	97,391	27,035	495	..	..	1,24,921	..	1,24,921	4,767	
Durvaleru project. { During the year.	2,91,924	63,207	636	..	656	3,55,111	10,210	3,65,321	64,500	
Total, A. Irrigation works—2. Unproductive Works. { To end of previous year.	3,02,86,184	27,49,862	47,50,700	..	3,02,728	3,74,84,018	9,00,018	3,83,84,036	6,30,44,163	
.. { During the year.	53,271	13,922	149	..	171	67,171	852	68,023	12,85,289	
Total, A. Irrigation works. { To end of previous year.	15,30,09,959	2,29,13,999	88,67,508	1,69,811	22,10,665	18,27,50,572	77,05,645	19,04,56,217	20,10,37,177	
.. { During the year.	16,20,656	4,43,385	4,609	— 23,095	1,47,881	18,97,674	33,613	19,31,287	74,87,023	

APPENDIX I

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B-I.—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 1936-37—*cont.*

Works or systems.	Direct charges (net expenditure).									
	Works.		Establishment.		Tools and Plant.		Suspense.		Deduct receipts on capital account.	
	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
(1)	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
B.—NAVIGATION, EMBANKMENT AND DRAINAGE WORKS.										
2. UNPRODUCTIVE WORKS.										
Vedaranniyam canal.	1,07,885	24,814	..	..	..	1,32,699	3,733	1,36,432	3,39,929	
{ To end of previous year.										
{ During the year.										
Buckingham canal ..	68,21,308	16,14,546	1,81,040	..	..	85,92,529	4,89,464	90,81,993	1,73,60,098	4,412
{ To end of previous year.										
{ During the year.										
Total, B. Navigation, etc.,	69,29,193	16,39,360	1,81,040	..	..	87,25,228	4,93,197	92,18,425	1,77,00,027	2,86,853
{ To end of previous year.										
{ During the year.										
Total, B. Navigation, etc.,	69,29,193	16,39,360	1,81,040	..	..	87,25,228	4,93,197	92,18,425	1,77,00,027	2,91,265
{ To end of previous year.										
{ During the year.										
Total, Construction of Irrigation, etc.,	15,99,39,152	2,45,53,259	90,48,603	1,69,811	22,35,030	19,14,75,800	81,98,842	19,96,74,642	21,87,37,204	
{ To end of previous year.										
{ During the year.										
Total, Construction of Irrigation, etc.,	16,20,656	4,43,385	4,609	23,095	1,47,881	18,87,674	33,613	19,31,287	77,78,288	

APPENDIX I

C-1.—Statement showing the financial results 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 1936-37.

Works or systems.	Revenue (actual receipts).									
	Irrigation.		Navigation.		Plantation.		Miscellaneous.		Less refunds of revenue.	
	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
(1)	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
A. IRRIGATION WORKS.										
1. PRODUCTIVE WORKS.										
1 Cauvery delta system ..	50,24,648	1,24,043	51,48,691	485	4,712	4,880	9,877	118		
2 Sivalikuntam ancient system ..	2,24,354	1,490	2,25,844	..	1,189	6,399	7,588	260		
3 Godavari delta system ..	50,90,542	2,29,876	53,20,418	2,00,839	6,872	52,506	2,60,217	559		
4 Melamattur ancient system ..	27,633	196	27,829	..	70	6	76	..		
5 Madhavali channel system ..	1,41,335	2,929	1,44,264	..	1,160	148	1,308	..		
6 Kalingarayan channel system ..	1,30,247	483	1,30,730	..	1,413	83	1,496	..		
7 Vriddhachalam ancient system ..	44,666	339	45,005	..	270	7	277	..		
8 Chembambakkam tank system ..	82,686	957	83,643	..	134	134	134	..		
9 Marudur ancient system ..	2,07,655	279	2,07,934	..	116	1,848	1,964	..		
10 Pennar river canals system ..	8,03,684	71,945	8,75,629	258	146	2,341	2,745	..		
11 Arunkota channel system ..	38,873	428	39,301	..	234	2	236	..		
12 Tirukkoilur ancient system ..	1,34,203	3,369	1,37,572	..	947	159	1,106	..		
13 Shatikoop ancient system ..	1,72,329	17,031	1,89,360	4	368	282	634	..		
14 Cheyyar ancient system ..	1,03,127	4,735	1,07,862	..	112	1,067	1,179	..		
15 Chembur tank system ..	38,487	461	38,948	..	..	..	..	..		
16 Polney ancient system ..	74,353	5,458	79,811	..	126	60	186	..		
17 Periyar system ..	10,01,038	94,841	10,95,879	328	2,566	7,123	10,022	..		
18 Kistna delta system ..	43,89,611	1,89,057	45,78,668	1,48,336	4,193	53,983	2,06,512	..		
19 Nandiyar channel system ..	32,978	243	33,221	..	211	92	303	..		
20 Chiescole minor rivers system ..	1,47,794	7,874	1,55,668	1	3	177	180	..		
21 Lower Coleroon ancient system ..	5,87,184	51,515	6,38,699	1,485	1,940	1,725	3,666	..		
22 Divi pumping system ..	2,56,737	87,205	3,43,942	..	..	5,257	6,692	..		
23 Toludur reservoir system ..	97,760	448	98,208	..	248	239	239	..		
24 Polavaram island project ..	1,06,747	..	1,06,747	..	103	103	351	..		
25 Cauvery-Mettur project ..	12,27,625	..	12,27,625	21	2,476	29,257	31,754	..		
26 Kattalai scheme ..	3,60,167	121	3,60,288	40	1,761	1,407	3,208	..		
Total, A. Irrigation works—1. Productive works ..	2,05,22,343	8,95,353	2,14,17,696	3,51,797	31,133	1,69,020	5,51,950	3,476		
2. UNPRODUCTIVE WORKS.										
1 Kurnool-Cuddapah canal ..	3,54,079	2,953	3,57,032	72	..	10,277	10,349	..		
2 Barur tank ..	21,492	758	22,250	..	444	1,519	1,963	..		
3 Vallur ancient ..	7,165	1,074	8,239	..	..	44,980	44,980	..		
4 Madras water-supply and irrigation system.	21,609	462	22,071	..	528	306	834	..		
5 Pelandora ancient system ..	61,222	86	60,318	..	147	1,250	1,367	..		
6 Palar ancient system ..	2,21,867	16,852	2,38,719	..	..	1,076	1,076	..		
7 Muniyeri ancient system ..	50,448	62	50,510	..	..	..	..	..		
8 Dondapad tank ..	1,783	10	1,793	..	..	..	..	..		

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 1936-37—cont.

Works or systems.	Revenue (actual receipts).							Less refunds of revenue.
	Irrigation.			Navigation.			Total.	
	Irrigation revenue.	Share of land revenue.	Total.	(5)	(6)	Miscellaneous.		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
A. IRRIGATION WORKS—cont.								
2. UNPRODUCTIVE WORKS—cont.								
9 Yerur tank	RS. 3,800	RS. 86	RS. 3,886	..	..	..	..	..
10 Sagileru system	18,504	26	18,530	..	..	..	..	..
11 Atmakur tank	1,642	..	1,642	..	..	..	..	..
12 Jangamaleswarapuram tank	1,011	..	1,011	..	..	..	..	..
13 Anamasamudram-Beraperu tank	4,174	1	4,175	..	..	..	..	..
14 Halipuram tank	3,471	70	3,541	..	..	..	..	..
15 Ponnalur tank	4,823	..	4,823	..	..	..	..	..
16 Markapur tank	7,935	1	7,936	..	..	..	..	..
17 Nagavalli river system	1,06,776	21,503	1,28,279	..	16	581	..	597
18 Venkatapuram tank	946	38	984	..	..	..	..	..
19 Bhavanasi tank	4,790	..	4,790	..	..	..	..	..
20 Yellanur tank	2,188	1,104	3,292	..	..	..	..	..
21 Pajjapattai reservoir	..	..	..	..	..	..	..	..
22 Siddapur tank	4,377	..	4,377	..	..	..	..	..
23 Nagavaram anicut and supply channel	4,053	146	4,199	..	..	..	..	..
24 Mopad reservoir system	13,126	5,169	18,295	..	5	114	..	119
25 Kanniyampalayam anicut	..	..	..	..	..	4,000	..	4,000
26 Tippayapalem project	..	..	..	..	..	..	..	..
27 Basavanna channel	..	..	..	..	..	..	..	..
28 Duvvaleru project	..	..	..	..	..	..	..	..
Total, A. Irrigation works—2. Unproductive works	9,20,281	50,401	9,70,682	72	1,140	64,704	65,916	33
Total, A. Irrigation works	2,14,42,624	9,45,754	2,23,88,378	3,51,869	32,273	2,33,724	6,17,866	3,509
B. NAVIGATION, EMBANKMENT AND DRAINAGE WORKS.								
2. UNPRODUCTIVE WORKS.								
1 Vedaranyam canal	..	..	..	703	16	..	719	10
2 Buckingham canal	..	..	..	1,05,886	48	4,062	1,09,996	15
Total, B. Navigation, etc., works—2. Unproductive works	..	..	..	1,06,689	64	4,062	1,10,715	25
Total, Construction of Irrigation, etc., works.	2,14,42,624	9,45,754	2,23,88,378	4,58,458	32,337	2,37,786	7,28,581	3,534

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 1936-37—cont.

Works or systems.	Revenue (actual receipts)—cont.							Working expenses—Revenue management.		
	Revenue (actual receipts)—cont.			Total revenue due to improvements.			Direction.	Execution.	Civil officers.	Total Revenue management.
	Gross revenue less refunds.	Deduct share of old irrigation revenue.	Total revenue due to improvements.	(10)	(11)	(12)	(13)	(14)	(15)	(16)
RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
A. IRRIGATION WORKS—cont.										
1. PRODUCTIVE WORKS—cont.										
1 Cauvery delta system	51,58,450	37,00,186	14,58,264	..	..	..	..	..	2,57,413	2,57,413
2 Srivakuntam anicut system	2,33,172	70,000	1,54,172	..	..	..	..	..	7,342	7,342
3 Godavari delta system	55,80,076	1,24,000	54,56,076	..	..	..	..	..	2,57,929	2,57,929
4 Mettur anicut system	27,905	4,000	23,905	..	..	..	..	..	1,188	1,188
5 Krishna anicut system	1,45,572	76,000	69,572	..	..	..	..	..	3,413	3,413
6 Tungabhadra anicut system	1,32,226	85,000	47,226	..	..	..	..	..	2,287	2,287
7 Krishna anicut system	45,282	8,500	36,782	..	..	..	..	..	1,824	1,824
8 Chennabakam tank system	53,777	16,000	37,777	..	..	..	..	..	1,862	1,862
9 Pennar anicut system	2,09,898	1,15,000	94,898	..	..	..	..	..	4,647	4,647
10 Pennar river canal system	8,78,303	2,56,000	6,22,303	..	..	..	..	..	29,865	29,865
11 Arkakota channel system	39,537	19,000	20,537	..	..	..	..	..	1,015	1,015
12 Tirukkovilur anicut system	1,38,652	60,000	78,652	..	..	..	..	..	3,879	3,879
13 Gadagore anicut system	1,89,972	20,000	1,69,972	..	..	..	..	..	8,468	8,468
14 Chayyar anicut system	1,04,041	39,000	65,041	..	..	..	..	..	3,371	3,371
15 Ponnay anicut system	38,948	30,000	8,948	..	..	..	..	..	447	447
16 Kumbur tank system	80,227	38,000	42,227	..	..	..	..	..	2,668	2,668
17 Periyar delta system	47,84,019	2,04,000	45,80,019	..	..	..	..	..	40,868	40,868
18 Kistna delta system	33,215	17,000	16,215	..	..	..	..	..	2,21,801	2,21,801
19 Nandiyar channel system	1,55,848	95,000	60,848	..	..	..	..	..	788	788
20 Chicacole minor rivers system	6,42,335	1,55,000	4,87,335	..	..	..	..	..	3,030	3,030
21 Lower Coleroon anicut system	3,50,504	20,300	3,30,204	..	..	..	..	..	12,689	12,689
22 Divi pumping system	98,447	10,590	87,857	..	..	..	..	..	5,381	5,381
23 Toludur reservoir system	1,07,071	..	1,07,071	..	..	..	..	..	5,387	5,387
24 Polavaram island project	12,58,351	98,173	11,60,178	..	..	..	..	..	56,473	56,473
25 Cauvery-Mettur project	3,60,493	2,54,000	1,16,493	..	..	..	..	..	6,609	6,609
26 Kattalai scheme	..	..	..	..	..	..	..	..	..	..
Total, A. Irrigation works—1. Productive works	2,19,66,170	55,94,749	1,63,71,421	..	..	..	..	..	9,62,229	9,62,229
2. UNPRODUCTIVE WORKS.										
1 Kurnool-Cuddapah canal	3,67,358	35,872	3,31,486	..	..	..	..	..	16,038	16,038
2 Barur tank	24,213	4,500	19,713	..	..	..	..	..	868	868
3 Vallur anicut	8,509	5,000	3,509	..	..	..	..	..	162	162
4 Madras water-supply and irrigation system.	67,046	11,000	56,046	..	..	..	..	..	554	554
5 Pelandurai anicut system	61,142	3,000	58,142	..	..	..	..	..	2,865	2,865
6 Palar anicut system	2,40,086	1,25,000	1,15,086	..	..	..	..	..	5,635	5,635
7 Muniyuru anicut system	1,793	..	1,793	..	..	..	..	..	2,400	2,400
8 Dondapad tank	..	..	..	..	..	..	..	..	90	90

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 1936-37—*cont.*

Works or systems.	Revenue (actual receipts)— <i>cont.</i>			Working expenses—Revenue management.			
	Gross revenue less refunds.	Deduct share of old irrigation revenue.	Total revenue due to improvements.	Direction.	Execution.	Civil officers.	Total Revenue management.
	(10)	(11)	(12)	(13)	(14)	(15)	(16)
	RS.	RS.	RS.			RS.	RS.
A. IRRIGATION WORKS—<i>cont.</i>							
2. UNPRODUCTIVE WORKS—<i>cont.</i>							
9 Yerur tank	3,886	425	3,461	..	..	173	173
10 Sagileru system	18,586	17,800	786	..	..	36	36
11 Atmakur tank	1,618	..	1,618	..	..	82	82
12 Jangamalleswarapuram tank ..	1,016	500	516	..	..	26	26
13 Annamaswaram-Beraperu tank ..	4,175	3,600	575	..	..	29	29
14 Hajipuram tank	3,541	..	3,541	..	..	176	176
15 Ponnalur tank	4,823	..	4,823	..	..	241	241
16 Markapur tank	7,936	2,130	5,806	..	..	290	290
17 Nagavalli river system	1,28,876	37,400	91,476	..	..	3,751	3,751
18 Venkatapuram tank	9-4	164	820	..	..	41	41
19 Bhavanasi tank	5,042	..	5,042	..	..	239	239
20 Yellalur tank	8,292	..	8,292	..	..	140	140
21 Pania atti reservoir	33	..	33	..	..	..	..
22 Siddapur tank	4,377	..	4,377	..	..	219	219
23 Nagavaram anicut and supply channel ..	4,208	2,256	1,952	..	..	97	97
24 Morad reservoir system	18,414	433	17,981	..	..	668	668
25 Kanniyampalayam anicut	4,000	..	4,000	..	..	..	..
26 Tippayapalem project	..	..	..	..	..	..	..
27 Basavanna channel	..	..	..	..	..	..	..
28 Duvaleru project	..	..	..	..	..	..	..
Total, A. Irrigation works—2. Unproductive works	10,36,565	2,51,580	7,84,985	..	..	34,810	34,810
Total, A. Irrigation works	2,30,02,735	58,46,329	1,71,56,406	..	..	9,97,039	9,97,039

B. NAVIGATION, EMBANKMENT AND DRAINAGE WORKS.

2. UNPRODUCTIVE WORKS.

1 Vedaranyam canal	709
2 Buckingham canal	1,09,981
Total, B. Navigation, etc., works—2. Unproductive works	1,10,690
Total, Construction of irrigation, etc., works	2,31,13,425

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 1936-37—*cont.*

Works or systems.	Working expenses.					Maintenance and repairs.			
	Establishment.		Total.			Extensions and improvements.		Tools and plant.	
	Direction.	Execution.	(18)	(19)		(20)	(21)	(22)	(23)
	RS.	RS.	RS.	RS.		RS.	RS.	RS.	RS.
A. IRRIGATION WORKS.									
1. PRODUCTIVE WORKS.									
1 Cauvery delta system	53,352	2,13,406	2,66,758	57,161	5,14,700	1,986	..	8,40,605	..
2 Srivaikuntam anicut system	4,579	18,316	22,895	2,204	55,031	26	..	80,156	..
3 Godavari delta system	68,048	2,72,193	3,40,241	98,004	6,98,812	7,044	..	11,44,101	..
4 Mahanadi anicut system	572	2,287	2,859	385	4,899	19	..	8,162	..
5 Madhapalli channel system	1,110	4,442	5,552	5,530	11,928	98	..	28,106	..
6 Kalingarayan channel system	1,241	4,963	6,204	4,972	15,422	112	..	26,710	..
7 Vridhachalam anicut system	773	3,092	3,865	588	6,205	24	..	10,682	..
8 Chembambakkam tank system	358	1,432	1,790	4	7,218	16	..	9,038	..
9 Marudur anicut system	2,173	8,691	10,864	14,941	13,973	14	..	39,792	..
10 Pennar river canals system	9,226	36,905	46,131	3,426	99,373	251	..	1,49,581	..
11 Arunkota channel system	546	2,182	2,728	2,449	6,396	49	..	11,622	..
12 Tirukkoyilur anicut system	2,148	8,590	10,738	1,711	19,007	75	..	31,571	..
13 Shatiapole anicut system	2,459	9,834	12,293	1,07	19,980	72	..	32,238	..
14 Cheyyar anicut system	1,079	6,718	8,397	330	26,787	148	..	35,662	..
15 Cumbum tank system	101	406	507	..	1,888	4	..	2,999	..
16 Polney anicut system	2,172	8,690	10,862	663	35,617	199	..	47,341	..
17 Periyar system	13,532	54,129	67,661	25,552	1,31,261	72	..	224,576	..
18 Kistna delta system	63,693	2,54,771	3,18,464	55,513	6,54,378	1,456	..	9,29,811	..
19 Nandiyar channel system	468	1,874	2,342	265	5,143	3	..	7,753	..
20 Chiccole minor rivers system	2,224	8,897	11,121	443	28,400	255	..	40,224	..
21 Lower Coleroon anicut system	10,269	41,078	51,347	3,686	92,966	348	..	1,48,367	..
22 Divi pumping system	3,671	14,686	18,357	795	32,212	109	..	45,425	..
23 Toludur reservoir system	3,026	12,102	15,128	2,709	27,450	109	..	45,425	..
24 Polavaram Island project	979	3,917	4,896	5,100	6,012	1,08	..	16,106	..
25 Cauvery-Mettur project	21,975	87,899	1,09,874	18,582	2,47,065	1,105	..	3,70,626	..
26 Kattalai scheme	6,456	25,823	32,279	10,151	72,488	39	..	1,14,919	..
Total, A. Irrigation works—1. Productive works	2,76,830	11,07,323	13,84,153	3,15,502	27,34,653	13,701	..	44,48,009	..
2. UNPRODUCTIVE WORKS.									
1 Kurnool-Cuddapah canal	4,866	19,492	24,358	2,533	64,313	148	..	91,372	..
2 Barur tank	152	2,510	3,137	137	10,056	56	..	13,376	..
3 Vallur anicut	813	3,251	4,064	86	2,822	7	..	3,675	..
4 Madras water-supply and irrigation system ..	1,234	4,936	6,170	469	17,498	42	..	22,073	..
5 Pedandora anicut system	4,730	18,878	23,598	700	10,155	39	..	17,084	..
6 Palar anicut system	1,062	4,246	5,308	1,462	78,245	369	..	1,05,290	..
7 Muniyeri anicut system	23	116	139	237	9,959	28	..	10,757	..
8 Dondarpat tank	56	222	278	..	400	1	..	383	..
9 Yerur tank	..	..	..	..	..	..	..	679	..

APPENDIX I

Works or systems.	Working expenses—cont.										
	Deduct old maintenance charges.				Grand total of working expenses.	Total.			Total working expenses on improvements.	Net revenue.	
	Indirect charges.	Direct charges.	Indirect charges.	Total.		Total.	Due to improvements.	RS.			
	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	RS.	RS.	RS.
A. IRRIGATION WORKS—cont.											
2. UNPRODUCTIVE WORKS—cont.											
9 Yerur tank	4	856	..	22	2,677	856	3,030	2,605	3,030		
10 Sagilleru system	46	5,813	..	..	..	3,136	12,773	2,350	12,773		
11 Atmakur tank	1	201	..	..	..	291	1,357	1,357	1,357		
12 Jangamaleswarapuram tank	2	333	..	..	..	333	683	683	683		
13 Aunamasudram-Beraperu tank	6	854	..	6	879	—	8,821	8,821	8,821		
14 Halipuram tank	5	924	..	..	..	924	2,617	2,617	2,617		
15 Ponnalur tank	20	3,102	..	..	..	3,102	1,721	1,721	1,721		
16 Markapur tank	22	3,106	..	3	297	2,809	4,830	2,987	4,830		
17 Nagavalli river system	26J	40,717	..	29	3,867	36,840	88,169	54,626	88,169		
18 Venkatapuram tank	4	529	..	..	..	529	251	3005	251		
19 Bhavanasi tank	13	2,037	..	..	..	2,037	435	3,005	435		
20 Yellanur tank	4	74	..	..	..	74	2518	2518	2518		
21 Panjapatti reservoir	1	200	..	..	..	200	167	—	167		
22 Siddapur tank	29	3,902	..	..	..	3,902	475	475	475		
23 Nagavaram ancient and supply channel	18	2,362	..	..	..	2,362	1,846	—	1,846		
24 Mopad reservoir system	70	10,816	..	..	..	10,816	7,398	7,398	7,398		
25 Kanniyampalayam ancient	1	114	..	..	..	114	3,886	3,886	3,886		
26 Tippayapalem project	..	..	..	..	..	..	..	..	..		
27 Basavanna channel	93	11,587	..	..	..	11,587	—	—	11,587		
28 Duvvaleru project	..	..	..	..	..	..	..	..	..		
Total, A. Irrigation works—2. Unproductive Works	2,612	3,85,912	21,922	175	25,097	3,63,815	6,50,653	4,21,170	6,50,653		
Total, A. Irrigation works	37,054	58,30,592	10,42,404	7,692	10,50,096	47,80,496	1,71,72,143	1,23,75,910	1,71,72,143		

B. NAVIGATION, EMBANKMENT AND DRAINAGE WORKS.

2. UNPRODUCTIVE WORKS.									
1	Yedaramaniyam canal	..	..	111	16,120	..	..	16,120	— 15,411
2	Buckingham canal	..	..	1,757	2,21,533	..	..	2,21,533	— 1,11,552
Total, E. Navigation, etc., works—2. Unproductive works		..	..	1,868	2,37,653	..	..	2,37,653	— 1,26,963
Total, Construction of irrigation, etc., works.				38,922	60,83,245	10,42,404	7,692	50,18,149	1,70,45,180
								19,50,096	1,22,48,947

C-II.—Statement showing the financial results of Irrigation, Navigation, Embankment and Drainage Works for, and up to, the end of 1936-37.

General financial results to end of 1936-37.										
No. Number of works (1)	Name of works. (2)	Mileage in operation.		Estimated cost of construction (direct and indirect). RS.	Date of completion of work. DATE.	Date when system first came into operation. DATE.	Total capital outlay (direct and indirect). RS.	Accumulated arrears of interest. (8) RS.	Accumulated surplus revenues. (9) RS.	Total sum-at- charge [column (7) plus column (9)] (10) RS.
		Main canals and branches. (3)	Distri- butaries. (4)							
A. IRRIGATION WORKS.										
1. PRODUCTIVE WORKS.										
1	Cauvery delta system.	1,258½	3,205	82,34,299	31-3-1889	..	80,96,731	..	4,75,84,995	80,96,731
2	Srtkalunkuntam anicut system.	28	46	17,75,063	31-3-1889	..	17,75,063	..	2,09,633	17,75,063
3	Godavari delta system.	509½	1,887	1,92,42,188	31-3-1890	1877-78	1,89,46,654	..	13,59,02,134	1,89,46,654
4	Melanattur anicut system.	15	9½	89,053	March 1891	..	86,738	..	3,66,535	86,738
5	Thadapalli channel system.	85	..	1,77,446	1893	..	1,77,446	..	17,19,027	1,77,446
6	Kalingarayan channel system.	62½	..	1,80,486	1893	..	1,80,486	..	7,10,193	1,80,486
7	Vriddhachalam anicut system.	33	16	1,08,204	31-3-1893	..	1,08,204	..	6,86,186	1,08,204
8	Chembranbakkam tank system.	10½	1½	7,64,143	31-3-1893	..	7,64,143	..	5,09,595	7,64,143
9	Marudur anicut system.	29	7½	60,122	1893	1860-61	60,122	..	39,33,566	60,122
10	Pennar river canals system.	30½	477	70,66,798	31-3-1894	..	68,97,148	..	1,02,29,561	68,97,148
11	Arankota channel system.	24	..	1,44,445	31-3-1894	..	1,44,445	..	89,790	1,44,445
12	Tirukkoyilur anicut system.	137	28½	3,99,190	31-3-1895	..	3,99,190	..	9,63,278	3,99,190
13	Shatlappe anicut system.	41	149	10,89,337	31-3-1895	..	10,89,337	..	46,18,169	10,89,337
14	Cheyvar anicut system.	61	120	5,39,999	31-3-1896	..	5,39,999	..	1,29,801	5,39,999
15	Cumbum tank system.	23½	23½	86,373	31-3-1896	..	86,373	..	36,290	86,373
16	Polney anicut system.	104	78	3,03,918	1897	..	3,03,918	..	18,75,834	3,03,918
17	Petiyar system.	132	118	1,08,35,654	31-3-1897	1896-97	1,08,35,654	..	33,69,532	1,08,35,654
18	Kistna delta system.	349	2,198½	2,58,02,311	31-3-1898	..	2,32,98,124	..	10,53,66,656	2,32,98,124
19	Nandivar channel system.	31	..	65,715	1899	1895-96	65,715	15,201	..	80,916
20	Chicacole minor rivers system.	119	225	2,89,226	31-3-1900	..	2,89,226	..	8,40,156	2,89,226
21	Lower Coleroon anicut system.	383	620½	30,01,669	30-6-1903	..	30,01,669	..	1,38,32,014	30,01,669
22	Divi pumping system.	50	120½	26,50,904	31-10-1913	1917-18	26,50,904	12,51,069	1,31,179	26,50,904
23	Toludur Reservoir Project.	31½	40	26,62,471	31-10-1925	1924-25	26,62,471	..	..	38,53,540
24	Polavaram Island Pro- ject.	..	44-5/8	17,03,892	29-2-1934	1929-30	16,92,168	27,124	..	17,19,292
25	Cauvery-Mettur Project.	113-5/8	590½	6,79,00,000	30-9-1934	1932-33	6,58,99,830	2,21,06,188	..	8,80,06,018
26	Kattalal scheme	74½	43-7/8	33,67,226	In progress.	1929-30	39,43,687	11,65,787	..	51,09,474
Total, A. Irrigation— 1. Productive Works.		3,753-1/8	10,049-5/8	15,85,83,315			15,39,35,445	2,45,65,369	33,26,04,127	17,85,00,814

C-II.—Statement showing the financial results of Irrigation, Navigation, Embankment and Drainage Works for, and up to, the end of 1936-37.—*cont.*

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General financial results to end of 1936-37.

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)].	RS.
		Main canals and branches.	Distributaries.		(6-a)	(6-b)	(7)	(8)	(9)	(10)	
(1)	(2)	MILES.	(4)	(5)	DATE.	(6-b)	RS.	RS.	(9)	RS.	RS.
B. NAVIGATION, EMBANKMENT AND DRAINAGE WORKS.											
2. UNPRODUCTIVE.											
1	Vedaraniyam canal	31½	..	1,36,432	31-3-1893	..	1,36,432	7,19,830	..	8,56,262	
2	Buckingham canal	262	..	90,81,993	March 1897	..	90,81,993	2,18,96,767	..	3,09,78,760	
	Total, 2. Unproductive Works	293½	..	92,18,425	..	..	92,18,425	2,26,16,597	..	3,18,35,022	
	Total, B. Navigation, etc., Works	293½	..	92,18,425	..	..	92,18,425	2,26,16,597	..	3,18,35,022	
	Total, Construction of Irrigation etc. Works,	4,852½	10,717½	20,66,89,223	..	..	20,16,05,929	9,75,29,790	..	29,91,35,719	

APPENDIX I

C-II.—Statement showing the financial results of Irrigation, Navigation, Embankment and Drainage Works for, and up to, the end of 1936-37.—*cont.*

Number of works.

Financial results of the year 1936-37.

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 (12).	PER CENT.
	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	PER CENT.
RS.	RS.	RS.	RS.	PER CENT.	PER CENT.	RS.	RS.	RS.	ACS.	PER CENT.	
A. IRRIGATION WORKS.											
2. UNPRODUCTIVE WORKS.											
1	Kurnool-Cuddapah canal	1,04,418	2,27,068	0.97	0.36	7,82,016	..	5,54,948	92,109	31.50	
2	Barur tank	19,713	5,377	1.20	0.63	14,062	..	8,685	3,215	72.72	
3	Vallur anicut	3,509	1,239	1.62	1.26	2,637	..	1,398	1,184	64.69	
4	Madras and Irrigation system.	56,046	37,894	2.03	0.82	55,417	..	17,523	2,279	32.39	
5	Pelandora anicut system.	58,142	38,274	5.53	3.48	21,863	16,391	..	11,293	34.17	
6	Palar anicut system	1,15,186	10,368	0.42	0.35	78,479	10,948	..	19,204	90.99	
7	Muniyeru system	49,081	30,091	4.97	3.41	19,143	..	2,882	8,824	38.69	
8	Dondapad tank	1,793	1,317	0.94	0.41	4,149	..	552	517	26.55	
9	Yerur tank	3,461	2,605	4.11	2.72	2,635	..	1,315	1,315	24.73	
10	Sagileru tank	786	2,350	—	0.51	14,597	..	17,217	—	398.98	
11	Atmakur tank	1,648	1,357	1.08	0.62	3,753	..	2,396	486	17.66	
12	Jangamaheswarapuram tank.	516	183	0.26	0.14	2,058	..	1,855	151	64.53	
13	Anamasamudram-Beraperu tank.	575	600	0.82	0.41	2,384	..	1,784	33	4.35	
14	Hajipuram tank	3,541	2,617	0.84	0.48	9,270	..	6,653	879	26.09	
15	Ponnalur tank	4,823	1,721	0.79	0.38	6,592	..	5,102	874	64.32	
16	Markapur tank	5,806	2,997	2.92	1.32	4,353	..	1,261	1,586	48.38	
17	Nagavalli river system.	91,476	54,836	3.12	2.56	57,728	..	3,092	12,490	40.27	
18	Venkatapuram tank	820	529	0.58	0.04	19,777	..	12,486	132	64.51	
19	Bhavanasi tank	5,042	3,005	1.13	0.61	6,113	..	6,608	508	40.40	
20	Yellanur tank	3,292	2,518	0.93	0.57	8,231	..	5,713	595	23.51	
21	Parlaspatti reservoir	33	—	—	—	19,077	..	12,244	..	606.06	
22	Siddapur tank	4,377	1,475	0.05	0.03	26,367	..	23,892	430	89.15	
23	Nagavaram anicut and supply channel.	1,952	410	—	0.24	3,568	..	25,852	292	121.00	
24	Mopad reservoir system.	17,981	7,165	0.31	0.18	81,969	..	74,104	3,117	60.15	
25	Kanniyampalayam anicut.	4,000	3,886	3.50	1.76	1,767	..	18,098	208	2.85	
26	Tippayapalem project.	..	..	—	—	18,098	..	..	..	..	
27	Basavanna channel	..	—	1.99	—	27,560	..	39,147	..	..	
28	Duvvaluru project	..	..	..	..	2	..	..	..	..	
	Total, A. Irrigation—2. Unproductive Works.	7,84,935	4,21,170	1.10	0.47	12,85,289	..	8,64,119	161,672	46.35	
	Total, A. Irrigation Works	1,71,56,406	47,80,496	6.45	4.63	74,87,023	48,88,897	..	2,610,612	27.86	

APPENDIX I

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C-II.—Statement showing the financial results of Irrigation, Navigation, Embankment and Drainage Works for, and up to, the end of 1936-37—cont.

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Number of works.	Financial results of the year 1936-37.										
	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 [column (11) to column (12)].
	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	
B. NAVIGATION, EMBANKMENT AND DRAINAGE WORKS.											
2 UNPRODUCTIVE WORKS.											
1	Vedaranniyam canal ..	709	16,120	— 15,411	— 11.29	— 1.80	4,412	..	19,823	..	2,273.62
1	Buckingham canal ..	1,09,981	2,21,533	— 1,11,552	— 1.23	— 0.36	2,86,853	..	3,98,405	..	201.43
	Total, 2. Unproductive Works	1,10,690	2,37,653	— 1,26,963	— 1.38	— 0.40	2,91,265	..	4,18,228	..	214.70
	Total, B. Navigation, etc., Works	1,10,690	2,37,653	— 1,26,963	— 1.38	— 0.40	2,91,265	..	4,18,228	..	214.70
	Total, Construction of Irrigation etc. Works.	1,72,67,096	50,18,149	1,22,48,947	6.08	4.10	77,78,288	44,70,659	..	2,610,612	29.06

APPENDIX I

C-III.—Demands and Realizations during the year 1936-37 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 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.
	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
A. IRRIGATION WORKS.									
1. PRODUCTIVE WORKS.									
1 Cauvery delta system ..	..	51,81,886	51,81,886	23,436	51,58,450	..	51,58,450	37,00,186	14,58,264
2 Srivaikuntam anicut system. ..	..	52,21,647	52,21,647	1,475	2,33,172	..	2,33,172	79,000	1,54,172
3 Godavari delta ..	..	56,97,459	56,97,459	82,383	55,80,076	..	55,80,076	1,24,000	54,56,076
4 Meenamattur anicut do.	..	27,905	27,905	..	27,905	..	27,905	4,000	23,905
5 Thadapalli channel do.	..	1,45,637	1,45,637	65	1,45,572	..	1,45,572	76,000	69,572
6 Kalingarayan channel do.	..	1,32,319	1,32,319	934	1,32,226	..	1,32,226	85,000	47,226
7 Vridhachalam anicut do.	..	45,216	45,216	934	1,45,282	..	1,45,282	8,500	36,782
8 Chembrambakkam tank do.	..	59,867	59,867	6,090	53,777	..	53,777	16,000	37,777
9 Marudur anicut do.	..	2,05,384	2,05,384	436	2,09,898	..	2,09,898	1,15,000	94,898
10 Pennar river canals do.	..	9,30,537	9,30,537	27,149	8,78,308	..	8,78,308	2,56,000	6,22,308
11 Arankota channel do.	..	1,30,732	1,30,732	..	1,38,652	..	1,38,652	60,000	78,652
12 Tirukkoyilur anicut do.	..	1,90,001	1,90,001	29	1,89,972	..	1,89,972	20,000	1,69,972
13 Shattatope do.	..	1,16,290	1,16,290	7,249	1,09,041	..	1,09,041	38,000	70,041
14 Cheyyar do.	..	39,300	39,300	352	38,948	..	38,948	30,000	8,948
15 Cumbum tank do.	..	1,10,804	1,10,804	30,577	80,227	..	80,227	38,000	42,227
16 Poincy anicut do.	..	11,10,716	11,10,716	4,872	11,05,844	..	11,05,844	2,04,000	9,01,844
17 Periyar project do.	..	48,52,937	48,52,937	68,218	47,84,019	..	47,84,019	71,000	47,13,019
18 Kistna delta do.	..	33,693	33,693	478	33,215	..	33,215	17,000	16,215
19 Nandiyar channel do.	..	1,58,518	1,58,518	2,670	1,55,848	..	1,55,848	95,000	60,848
20 Chicacole minor rivers do.	..	6,45,016	6,45,016	2,705	6,42,335	..	6,42,335	1,55,000	4,87,335
21 Lower Coleroon anicut do.	..	3,63,238	3,63,238	12,734	3,50,504	..	3,50,504	20,300	3,30,204
22 Divi pumping do.	..	98,447	98,447	..	98,447	..	98,447	10,590	87,857
23 Toludur reservoir do.	..	1,07,159	1,07,159	88	1,07,071	..	1,07,071	..	1,07,071
24 Pottavaram island project do.	..	12,68,798	12,68,798	10,447	12,58,351	..	12,58,351	98,173	11,60,178
25 Cauvery-Mettur do.	..	3,71,117	3,71,117	1,624	3,69,493	..	3,69,493	2,54,000	1,15,493
26 Kattalai scheme ..	..	..	..	..	..	..	..	..	..
Total, A. Irrigation Works—	..	2,22,51,404	2,22,51,404	2,85,234	2,19,66,170	..	2,19,66,170	55,94,749	1,63,71,421
2. UNPRODUCTIVE WORKS.									
1 Kurnool-Cuddapah canal ..	..	3,67,936	3,67,936	578	3,67,358	..	3,67,358	35,872	3,31,486
2 Barur tank ..	..	24,680	24,680	447	24,213	..	24,213	4,500	19,713
3 Vallur anicut system ..	..	8,729	8,729	220	8,509	..	8,509	5,000	3,509

APPENDIX I

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C-III.—Demands and Realizations during the year 1936-37 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.*

APPENDIX I

Works or systems.	Balance demands un- realized at the com- mencement of the year.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
		RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
A. IRRIGATION WORKS—<i>cont.</i>											
2. UNPRODUCTIVE WORKS—<i>cont.</i>											
4 Madras water-supply and Irrigation system	..	67,843	67,843	67,843	67,843	797	67,046	..	67,046	11,000	56,046
5 Pelandorai anicut system ..	..	61,142	61,142	61,142	61,142	..	61,142	..	61,142	3,000	58,142
6 Palar do.	..	3,35,015	3,35,015	3,35,015	3,35,015	94,929	2,40,086	..	2,40,086	1,25,000	1,15,086
7 Muniyeri system do. ..	..	52,387	52,387	52,387	52,387	806	51,581	..	51,581	2,500	49,081
8 Dundapad tank	..	1,793	1,793	1,793	1,793	..	1,793	..	1,793	..	1,793
9 Yerur do.	..	3,886	3,886	3,886	3,886	..	3,886	..	3,886	425	3,461
10 Sagileru system	..	18,597	18,597	18,597	18,597	11	18,586	..	18,586	17,800	786
11 Atmakur tank	..	1,943	1,943	1,943	1,943	295	1,648	..	1,648	..	1,648
12 Jangamaleswarapuram tank.	..	1,169	1,169	1,169	1,169	153	1,016	..	1,016	500	516
13 Annasamudram-Beraperu tank	..	4,175	4,175	4,175	4,175	..	4,175	..	4,175	3,600	575
14 Hajipuram tank	..	3,541	3,541	3,541	3,541	..	3,541	..	3,541	..	3,541
15 Ponnalur do.	..	4,872	4,872	4,872	4,872	49	4,823	..	4,823	..	4,823
16 Markapur do.	..	7,936	7,936	7,936	7,936	..	7,936	..	7,936	2,130	5,806
17 Nagavalli river system ..	..	1,31,868	1,31,868	1,31,868	1,31,868	2,992	1,28,876	..	1,28,876	37,400	91,476
18 Venkatapuram tank	..	1,019	1,019	1,019	1,019	35	984	..	984	164	820
19 Bhavanasi do.	..	5,042	5,042	5,042	5,042	..	5,042	..	5,042	..	5,042
20 Yellanur do.	..	3,815	3,815	3,815	3,815	..	3,815	..	3,815	..	3,815
21 Panjapatti reservoir ..	..	33	33	33	33	..	33	..	33	..	33
22 Siddapur tank	..	4,377	4,377	4,377	4,377	..	4,377	..	4,377	..	4,377
23 Nagavaram anicut and supply channel	..	4,208	4,208	4,208	4,208	..	4,208	..	4,208	2,256	1,952
24 Mopad reservoir system ..	..	18,414	18,414	18,414	18,414	..	18,414	..	18,414	433	17,981
25 Kanniyampalayam anicut ..	..	4,000	4,000	4,000	4,000	..	4,000	..	4,000	..	4,000
26 Tinnayapalam project ..	..	..	..	..	..	..	..	..	..	..	..
27 Basavanna channel	..	..	..	..	..	..	..	..	..	..	..
28 Duvaleru project	..	..	..	..	..	..	..	..	..	..	..
Total, A. Irrigation Works—	..	11,38,400	11,38,400	11,38,400	11,38,400	1,01,835	10,36,565	..	10,36,565	2,51,580	7,84,985
2. Unproductive Works ..	..	2,33,89,804	2,33,89,804	2,33,89,804	2,33,89,804	3,87,069	2,30,02,735	..	2,30,02,735	58,46,329	1,71,56,406
Total, A. Irrigation Works ..	..	2,33,89,804	2,33,89,804	2,33,89,804	2,33,89,804	3,87,069	2,30,02,735	..	2,30,02,735	58,46,329	1,71,56,406

B. NAVIGATION, EMBANKMENT AND DRAINAGE WORKS.

2. UNPRODUCTIVE WORKS.											
Vedaranniyam canal	..	719	719	719	719	10	709	..	709	..	709
2 Buckingham canal	..	1,09,996	1,09,996	1,09,996	1,09,996	15	1,09,981	..	1,09,981	..	1,09,981
Total, B. Navigation, etc., Works ..	..	1,10,715	1,10,715	1,10,715	1,10,715	25	1,10,690	..	1,10,690	..	1,10,690
—2. Unproductive Works ..	..	1,10,715	1,10,715	1,10,715	1,10,715	25	1,10,690	..	1,10,690	..	1,10,690
Total, B. Navigation, etc., Works ..	..	2,35,00,519	2,35,00,519	2,35,00,519	2,35,00,519	3,87,094	2,31,13,425	..	2,31,13,425	58,46,329	1,72,67,096
Total, Construction of Irrigation, etc., Works ..	..	2,35,00,519	2,35,00,519	2,35,00,519	2,35,00,519	3,87,094	2,31,13,425	..	2,31,13,425	58,46,329	1,72,67,096

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 1936-37 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) (18)
	Deduct share due to old irrigation.	Working expenses.			Total.	Due to improvements.	RS.	
		Total revenue due to improvements.	Total charges (direct and indirect).	Deduct old maintenance charges.				
(11)	RS.	(12)	(13)	(14)	(15)	(16)	(17)	RS.
A. IRRIGATION WORKS.								
1. PRODUCTIVE WORKS.								
1 Cauvery delta system ..	37,00,186	14,58,264	11,06,115	7,94,926	3,11,189	40,52,335	11,47,075	14.17
2 Srivaikuntam anicut system ..	79,000	1,54,172	88,107	7,694	80,413	1,45,065	78,759	4.16
3 Godavari delta ..	1,24,000	54,56,076	14,10,344	..	14,10,344	41,69,732	40,45,732	21.35
4 Mahamattur anicut do. ..	4,000	23,905	9,403	922	8,481	18,502	15,424	17.78
5 Thadapalli channel do. ..	76,000	69,572	26,755	4,613	22,142	1,18,817	47,430	26.73
6 Kallagarayan channel do. ..	85,000	47,226	29,201	5,160	24,041	1,03,025	23,185	12.85
7 Vriddhachalam anicut do. ..	8,500	36,782	12,574	..	12,574	32,708	23,208	22.97
8 Chembambakkam tank do. ..	16,000	37,777	10,982	6,590	4,392	33,385	33,385	94.27
9 Marudur anicut do. ..	1,15,000	94,898	10,982	6,590	38,222	1,65,170	56,676	6.99
10 Pennar river canals do. ..	2,56,000	6,22,308	1,80,891	40,772	1,40,119	6,97,417	4,82,189	6.21
11 Tirukkoyilur anicut do. ..	19,000	20,537	13,725	1,155	11,570	26,812	8,967	12.56
12 Tirukkoyilur anicut do. ..	60,000	78,652	35,669	7,164	28,505	1,02,983	50,117	12.07
13 Shattipo do. ..	20,000	1,62,972	40,905	2,388	38,517	1,49,467	1,31,455	6.46
14 Cheyyar do. ..	39,000	70,041	39,304	4,143	35,161	69,737	34,880	8.17
15 Cumbum tank do. ..	30,000	8,948	2,865	972	1,893	36,083	7,053	1.16
16 Polney anicut do. ..	38,000	42,227	49,803	4,036	45,767	30,424	6,181	6.18
17 Periyar project do. ..	2,04,000	9,01,814	2,67,586	35,844	2,31,742	8,38,258	6,70,102	15.26
18 Kistna delta do. ..	71,000	47,13,019	11,57,711	..	11,57,711	36,26,308	33,35,068	18.35
19 Nandiyar channel do. ..	17,000	16,215	8,595	4,440	3,325	24,820	23,593	8.13
20 Chicaole minor rivers do. ..	95,000	60,848	43,543	6,218	37,825	1,12,303	8,21,293	10.80
21 Lower Coleeroon anicut do. ..	1,55,000	4,87,335	1,73,617	10,575	1,63,042	4,68,718	10,653	1.45
22 Divi pumping do. ..	20,300	3,30,204	64,464	16,719	47,715	2,66,040	2,37,728	1.45
23 Toludur reservoir project ..	10,590	87,857	50,129	..	50,129	85,317	85,517	5.05
24 Polavaram Island project ..	..	1,07,071	21,554	..	21,554	79,303	79,303	1.10
25 Cauvery-Mettur project ..	98,173	11,60,178	4,35,756	..	4,35,756	8,22,595	7,24,422	1.55
26 Kattalai scheme ..	2,54,000	1,15,493	1,21,354	67,132	54,222	2,48,139	61,271	..
Total A. Irrigation—	55,94,749	1,63,71,421	54,44,680	10,27,999	44,16,681	1,65,21,490	1,19,54,740	7.77
1. Productive Works ..	..	..	..	..	..	..	..	..

2. UNPRODUCTIVE WORKS.								
1 Kurnool-Cuddapah canal ..	35,872	3,31,486	1,08,079	3,661	1,04,418	2,59,279	2,27,068	0.97
2 Barur tank ..	4,500	19,713	14,336	..	14,336	9,877	5,377	1.20
3 Vallur anicut system ..	5,000	3,509	3,866	1,596	2,270	4,643	1,239	1.62
4 Madras water-supply and irrigation system ..	11,000	56,046	22,807	4,655	18,152	44,239	37,894	2.03
5 Pelandora anicut system ..	3,000	58,132	20,037	169	19,868	41,105	38,274	5.53
6 Palar anicut system ..	1,25,000	1,15,086	1,08,708	3,910	1,04,718	1,31,378	10,368	0.42
7 Muniyuru system ..	2,500	49,061	19,296	306	18,990	32,285	30,091	4.97
8 Dondapad tank ..	..	1,783	356	..	476	1,317	1,317	0.94
9 Yerur tank ..	425	3,461	581	2,677	3,136	3,080	2,605	4.11
10 Sagileru system ..	17,800	1,786	5,813	..	291	1,357	2,350	0.51
11 Atmakur tank ..	..	1,648	501	..	333	1,357	1,357	1.08
12 Jangamaleswarapuram tank ..	500	516	333	..	25	683	183	0.26
13 Anamasamudram-Beraperu tank ..	3,600	575	854	..	924	3,321	600	0.82
14 Hajipuram tank ..	..	3,361	824	..	3,102	2,617	2,617	0.84
15 Ponnalur do. ..	..	5,823	3,102	..	2,809	1,721	1,721	0.79
16 Markapur do. ..	2,130	5,376	4,717	297	3,667	4,830	2,997	2.32
17 Nagavalli river system ..	37,400	91,376	40,717	3,867	36,840	88,169	54,636	3.12
18 Venkatapuram tank ..	164	520	2,037	..	529	455	291	0.08
19 Bhavanasi tank ..	..	5,012	2,074	..	2,037	3,005	3,005	1.13
20 Yellanur tank ..	..	3,572	774	..	200	2,518	2,518	0.93
21 Panjapatti reservoir ..	..	4,972	3,902	..	3,902	475	167	0.05
22 Siddapur tank ..	..	4,972	3,902	..	3,902	475	167	0.05
23 Nagavaram anicut and supply channel.	2,256	1,852	2,362	..	2,362	1,846	410	0.37
24 Mopad reservoir system ..	433	17,881	10,816	..	10,816	7,598	7,165	0.31
25 Kanliyampalayam anicut ..	..	4,000	114	..	114	3,886	3,886	3.50
26 Tipparavanna project ..	..	..	..	..	..	..	..	..
27 Basavanna channel ..	..	..	..	..	..	..	..	..
28 Duvvaleru project ..	..	..	..	..	..	..	..	..
Total, A. Irrigation Works—	2,51,580	7,84,985	3,85,912	22,097	3,63,815	6,50,653	4,21,170	1.10
2. UNPRODUCTIVE WORKS.								
Total, A. Irrigation Works ..	58,46,329	1,71,56,406	58,30,592	10,50,096	47,80,496	1,71,72,143	1,23,75,910	6.45
B. NAVIGATION, EMBANKMENT AND DRAINAGE WORKS.								
2. UNPRODUCTIVE WORKS.								
1 Vedaranyam canal ..	..	709	16,120	..	16,120	15,411	15,411	11.29
2 Buckingham do. ..	..	1,09,981	2,21,533	..	2,21,533	1,11,562	1,11,562	1.23
Total, B. Navigation, etc., Works—	..	1,10,690	2,37,653	..	2,37,653	1,26,963	1,26,963	1.38
Total, B. Navigation, etc., Works ..	..	1,10,690	2,37,653	..	2,37,653	1,26,963	1,26,963	1.38
Total, Construction of Irrigation, etc., Works ..	58,46,239	1,72,67,096	60,68,245	10,50,096	50,18,149	1,70,45,180	1,22,48,947	6.08

D. I.—Statement of traffic on the principal navigable canals in the Madras Presidency during the year 1936-37.

(1)	Godavari canals.	Kistna canals.	Kurnool- Cuddapah canal.	Buckingham canal.	West Coast canals.	Dumma- gudem canals.	Vedaran- niyam canal.	Total.
Length of canal open for navi- gation Miles.	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
4921/8	382½	75	202	121	2	31-3/4	1,366-3/8	
Receipts—								
Tolls	Rs.	..	..	..	..	..	..	..
Testing fees	127	..	..	..	12,325	..	..	..
Annual licence fees	51,344	..	..	..	6,266	..	..	..
Six weeks' licence fees	45,740	..	..	..	..	435	664	..
Registration fees	13,366	..	..	..	..	..	..	..
Wharfage fees	9	..	..	..	..	..	..	..
Demurrage fees	15,885	..	..	..	..	..	..	..
Raft fees	115	..	..	..	..	..	..	..
Numbering fees	..	..	..	..	..	..	..	..
Fines	14,161	..	..	..	..	..	..	..
Ground-rents	210	..	..	..	..	..	..	..
Miscellaneous	135	..	..	..	..	..	..	..
Refunds	79,799	..	..	..	..	..	..	..
Government boats .. and ..	2,084	..	..	..	..	..	..	..
Steamers	..	..	..	..	..	..	..	..
Boat rent	..	..	..	..	..	..	..	..
Total, Receipts	2,22,705	1,59,276	72	1,09,681	19,401	4,726	709	5,16,570
Maintenance charges including special navigation establish- ment.	1,46,229	1,19,514	..	1,76,827	..	2,548	11,114	4,56,232
Net revenue	76,476	39,762	72	67,146	19,401	2,178	10,405	60,338
Total number of boats plying cargo.								
Total number of boats plying passengers.	68,518	5,565	..	7,381	..	94	179	94,555
Total tonnage, cargo boats ..	10,953	1,861	..	..	..	..	..	..
Total tonnage, passenger boats	9,06,640	7,11,808	..	1,80,590	..	1,331	7,538	18,07,907
Ton mileage, up	13,681,594	14,757,506	..	2,811,018	..	477	40,859	..
Ton mileage, down	7,509,647	15,270,608	..	2,811,018	..	8,147	1,19,604	541,99,460
Total .. Rs.	21,191,241	30,008,114	..	2,811,018	..	8,624	1,60,463	541,99,460

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Estimated value of cargoes up ..	7,48,01,745	440,38,975	..	9,810,913	..	57,074	4,75,170	12,98,52,830
Estimated value of cargoes down ..	..	..	..	..	..	4,41,803	2,24,150	..
Total ..	7,48,01,745	4,40,38,975	..	9,810,913	..	4,98,877	6,99,320	12,98,52,830
Number of passengers ..	10,32,670	2,43,286	..	1,04,417	..	152	..	1,380,525
Rafts, tons, up ..	134	268	..	6	..	15,387	..	87,230
Rafts, tons, down ..	69,290	2,145	..	6	..	15,387	..	87,230
Total ..	69,424	2,413	..	888	..	24,21,981	..	94,04,622
Estimated value of rafts .. Rs.	67,52,098	2,29,655	..	..	..	..	..	..
Tollage on boats per ton per mile ..	Rs. A. P.	..	..	..	..	Rs. A. P.	..	..
Tollage on rafts per 100 square feet { Timber	1 0 0	..	..	..	..	0 4 0	..	..
Bamboo	0 8 0	..	..	..	..	0 2 0	..	..

D-II.—Description and quantities of goods, etc., carried on the principal canals in the Madras Presidency during the year 1936-37.

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Description.	Godavari canals.					Kistna canals.				
	Total, Government and private.			Private.		Total, Government and private.			Private.	
	Up. (2)	Down. (3)	Total. (4)	Quantity. (5)	Value. (6)	Up. (8)	Down. (9)	Total. (10)	Quantity. (11)	Value. (12)
(1)										
Boat traffic.										
Cotton, raw and manufactured	740	1,753	2,493	24,95,661	24,93	83	169	252	1,59,792	
Woolen goods	2	13	15	27,925	2,418	..	..	..	..	
Dyes and tans	984	1,462	2,446	43,64,550	2,418	47	72	119	1,17,220	
Rice and paddy	84,820	53,212	1,37,532	1,02,06,912	137,532	79,212	16,170	95,382	60,90,996	
Other food-grains	4,871	26,560	31,431	34,83,811	31,431	2,931	12,792	15,723	17,43,233	
Hides and skins	79	10	89	3,63,634	3,63	..	46	127	86,959	
Liquors	..	357	357	7,26,095	357	..	..	..	4,87,323	
Metals	1,473	1,143	2,616	12,04,201	2,616	215	594	809	3,81,345	
Oils	6,387	11,140	17,527	75,36,510	17,527	4,100	4,339	8,439	36,37,370	
Oil-seeds	2,184	12,504	14,688	28,07,912	14,688	94,383	84,092	1,78,475	1,85,73,880	
Provisions	52,175	44,781	96,956	1,97,72,904	96,956	13,701	8,472	22,173	4,27,732	
Salt	9,077	1,130	10,207	3,63,820	10,207	1,317	707	2,024	1,17,382	
Spices and jaggery	1,935	1,059	2,994	3,63,820	10,207	..	..	..	3,088	
Tobacco	4,071	10,166	14,237	23,90,812	14,237	1,695	1,393	3,088	4,95,528	
Building materials	1,835	5,549	7,384	5,07,036	7,384	2,423	531	2,954	23,46,407	
Miscellaneous goods	152,170	276,733	428,903	12,67,113	67,032	43,765	345,097	388,862	10,12,964	
Timber	20,469	30,703	51,172	42,43,162	51,169	14,088	16,763	30,851	21,84,534	
Firewood	1,114	11,792	12,906	20,59,934	12,907	2,939	1,875	4,814	7,19,868	
Bamboos	28,115	11,792	39,907	4,73,844	39,907	15,060	692	15,752	1,88,904	
Coal and coke	181	27,870	28,051	14,38,332	28,041	5,866	2,778	8,644	4,48,968	
Tea	20	730	750	41,360	940	248	1,217	1,465	64,400	
Jute	25	136	161	1,55,352	161	..	83	375	70,500	
Treasure	..	..	..	..	..	..	..	..	..	
Kerosene oil	..	..	..	..	..	..	..	..	..	
Cotton seeds	..	..	..	..	..	..	..	..	..	
Poles	..	..	..	..	..	..	..	..	..	
Scantlings	..	..	..	..	..	..	..	..	..	
Total, Boat traffic	373,107	533,533	906,640	7,48,04,745	544,069	212,906	498,902	711,808	4,40,38,975	
Raft traffic.										
Timber in logs	47	32,613	32,660	48,33,680	32,660	10	410	420	62,160	
Squared timber	..	..	..	..	..	98	352	450	91,350	
Sleepers, broad gauge	..	..	..	..	..	..	..	..	..	
Do, metre gauge	..	..	..	..	..	..	..	..	..	
Scantlings	35	15	50	7,700	35	..	..	..	..	
Poles	..	..	..	1,590	15	..	..	..	..	
Firewood	..	..	..	..	..	20	11	31	341	
Bamboos and reeds	55	36,659	36,714	19,09,128	36,714	140	1,372	1,512	75,804	
Total, Raft traffic	137	69,287	69,424	67,52,098	69,424	268	2,145	2,413	2,29,655	
Grand total	373,244	602,820	976,064	8,15,56,843	6,133,493	213,174	501,047	714,221	4,42,68,630	

D-II.—Description and quantities of goods, etc., carried on the principal canals in the Madras Presidency during the year 1936-37—cont.

Description.	Kistna canals—cont.			Kurnool-Cuddanah canal.		
	Private.		Total, Government and private.	Total, Government and private.		Private.
	Quantity. (12)	Value. (13)	Up. (14)	Quantity. (15)	Value. (17)	Quantity. (18)
Boat traffic.						
Cotton, raw and manufactured	252	1,59,792	..	..	..	..
Woolen goods	..	..	..	..	..	..
Dyes and tans	119	1,17,220	..	..	..	..
Rice and paddy	95,382	60,90,996	..	..	..	..
Other food-grains	15,723	17,43,233	..	..	..	..
Hides and skins	127	86,959	..	..	..	..
Liquors	215	4,37,323	..	..	..	..
Metals	809	3,81,345	..	..	..	..
Oils	8,439	36,37,370	..	..	..	..
Oil-seeds	109,045	1,85,73,880	..	..	..	..
Provisions	23,173	4,27,732	..	..	..	..
Salt	2,024	1,17,382	..	..	..	..
Spices	3,088	4,95,528	..	..	..	..
Sugar and jaggery	2,954	23,46,407	..	..	..	..
Tobacco	388,862	9,45,915	..	..	..	..
Building materials	30,251	21,84,534	..	..	..	..
Miscellaneous goods	15,752	7,19,868	..	..	..	..
Timber	1,512	1,88,904	..	..	..	..
Bamboos	1,465	4,48,968	..	..	..	..
Coal and coke	1,375	63,140	..	..	..	..
Jute	..	70,500	..	..	..	..
Treasure	..	..	..	..	..	..
Kerosene oil	..	..	..	..	..	..
Cotton seeds	..	..	..	..	..	..
Poles	..	..	..	..	..	..
Scantlings	..	..	..	..	..	..
Total, Boat traffic	658,607	4,39,63,033	..	..	..	..
Raft traffic.						
Timber in logs	420	62,160	..	..	..	..
Squared timber	450	91,350	..	..	..	..
Sleepers, broad gauge	..	..	..	..	..	..
Do, metre gauge	..	..	..	..	..	..
Scantlings	..	..	..	..	..	..
Poles	31	341	..	..	..	..
Firewood	1,512	75,804	..	..	..	..
Bamboos and reeds	2,413	2,29,655	..	..	..	..
Total, Raft traffic	2,413	2,29,655	..	..	..	..
Grand total	661,020	4,41,92,688	..	..	..	..

APPENDIX I

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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 1936-37.

Name of canal.	Area charged as irrigated in acres.				Total.	Both seasons.	Percentage of double cropped area [columns (4) + (5)] on the first-crop area [columns (2) + (3)].
	First crop.		Second crop.				
	Flow.	Lift.	Flow.	Lift.			
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	
Productive.							
Chicacole minor rivers system ..	63,973	1,983	1,356	954	68,266	152	3.50
Godavari delta system ..	787,506	9,200	257,102	4,892	1,058,700	14,239	32.88
Kistna delta system ..	812,171	10,426	3,273	935	827,305	7,585	0.51
Divi pumping system ..	43,315	255	1,286	..	44,856	214	2.95
Pennar river canals system ..	161,097	3,832	4,346	276	169,601	644	2.81
Arankota channel ..	3,958	831	507	235	5,347	498	11.65
Thadapalli channel ..	15,346	391	2,274	185	18,246	488	15.09
Kalingarayan channel ..	9,910	2,538	9,029	1,904	23,381	564	28.70
Chenbarambakkam tank ..	12,902	159	3,698	50	16,809	210	19.59
Pokey ancient system ..	19,312	545	3,766	124	23,717	718	42.85
Cheyvar ancient system ..	20,704	629	8,967	175	30,415	912	42.85
Tirukkoyilur ancient system ..	25,794	1,398	4,088	362	31,042	912	16.37
Shatlaope ancient system ..	32,000	1,414	8,767	215	42,386	172	26.88
Mehamatur ancient system ..	4,926	50	377	8	5,361	71	7.71
Vridhachalam ancient system ..	9,430	104	575	17	10,126	116	6.21
T-ludur (Willingdon) reservoir ..	14,154	307	1,684	16	16,171	344	11.76
Lower Coleroon ancient system ..	108,234	1,910	10,805	626	121,575	665	10.38
Gauvery delta system ..	848,624	22,123	103,098	4,032	978,607	13,310	39.80
Nandiyar channel system ..	6,234	819	2,466	361	9,387	631	41.04
Periyar system ..	129,518	2,765	54,098	185	186,568	2,640	70.99
Sriyalkuntam ancient system ..	23,518	1,986	17,712	415	33,661	950	85.70
Marudur ancient system ..	17,315	194	14,985	21	32,515	612	66.79
Cumbum tank ..	3,489	74	3,488	121	9,112	661	30.37
Kattalai scheme ..	42,912	2,586	12,731	1,081	59,315	3,705	31.78
Polavaram Island Project ..	12,290	4	3,905	2	16,201	2	8.94
Cauvery-Mettur Project ..	143,101	752	12,668	193	156,714	922	
Unproductive.							
Nagavalli river system ..	26,764	218	1,276	32	28,290	88	4.85
Muniyuru ancient system ..	9,359	37	28	..	9,424	..	0.30
Janamahaswarapuram tank ..	253	..	55	..	308	..	21.74
Annakur tank ..	482	4	..	..	486	..	..
Bhavanasi tank ..	466	..	42	..	508	465	9.01
Donadapad tank ..	383	1	175	3	517	..	52.51
Monad reservoir ..	2,841	..	274	2	3,117	320	9.71
Hajipuram tank ..	693	65	121	..	879	..	15.96

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 1936-37—cont.

Capital and revenue accounts and crop								
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.		Total.	Both seasons.		
	Flow.	Lift.	Flow.	Lift.				
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	
	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.		
<i>Unproductive—cont.</i>								
Ponnalur tank ..	840	..	34	..	874	..	4.05	
Anamasamudram-Beraperu tank ..	1,007	5	1	..	1,013	..	0.10	
Yerur tank ..	1,320	76	420	..	1,897	..	0.07	
Sadleru system ..	4,103	58	924	..	4,831	83	10.09	
Markapur tank ..	1,112	..	..	..	2,034	..	83.09	
Yellanur tank ..	595	..	..	..	595	..	..	
Siddapur tank ..	430	..	..	..	430	..	..	
Nagavaram ancient and supply channel ..	604	8	365	2	978	39	59.97	
Venkatapuram tank ..	204	..	..	..	206	..	..	
Kurnool-Cuddapah canal ..	83,954	1,123	14,857	280	100,214	1,487	17.79	
Barur tank ..	3,612	31	1,326	6	4,975	347	36.56	
Madras water-supply and irrigation system ..	7,042	327	1,242	78	8,686	181	17.91	
Kanniyampalayam ancient ..	208	..	107	..	298	..	..	
Vallur ancient system ..	4,647	413	15,231	57	5,224	83	3.24	
Palar ancient system ..	70,872	2,564	15,231	497	89,164	1,122	21.42	
Pelandoral ancient system ..	12,329	301	790	93	13,513	106	6.99	
				First crop.	Second 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.	
Caury delta ..				1st June to 31st October	..	..	1st November to end of February.	
Sriyalkuntam 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 187 days and 204 days, respectively, though it varies in each delta as shown below during the year:—								
Godavari delta, Eastern section ..				..	..	..	18th June to 30th November.	
Do. Central section ..				..	..	..	Do.	
Do. Western section ..				..	..	..	Do.	
Kistna delta, Eastern section ..				..	..	..	15th June to 20th November.	
Do. Western section ..				..	..	..	25th June to 20th December.	
Do. Eastern section ..				..	..	..	which require irrigation for the greater part of the year. This is included in the areas of first and second crop.	

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 1936-37.

Name of canal.	Average discharge of the year at canal head in cubic feet per second.	Water assessed, 1936-37.		Gross and assessed revenue from all sources.	Working expenses, direct and indirect.	Area charged as irrigated years 1936-37, first and second crops.	Working expenses.		Total water-rate, direct and indirect.	
		Total, direct.	Indirect.				Per cent on gross revenue.	Per acre irrigated.		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Productive.										
Chicacole minor rivers system	..	1,47,794	7,874	1,55,668	1,55,848	43,543	68,266	27.94	0.64	2.28
Chidambaram delta system	..	50,90,542	2,39,876	53,20,418	55,80,076	14,10,344	1,038,700	25.27	1.33	5.03
Kistna	..	43,80,611	1,89,057	45,78,668	47,84,019	11,57,711	827,305	24.20	1.40	5.53
Divi pumping system	..	2,05,737	87,245	3,43,912	8,58,504	1,84,464	44,856	18.39	1.44	7.67
Pennar river canal system	..	8,93,683	71,045	8,73,826	8,78,308	1,80,891	169,301	20.60	1.07	5.16
Akenna channel	..	1,43,873	2,959	1,46,832	1,46,832	12,735	18,246	32.19	2.38	7.91
Kadappal channel	..	1,40,217	433	1,40,650	1,43,672	26,755	23,381	22.08	1.47	7.01
Kannanur do.	..	1,30,217	433	1,30,650	1,32,926	29,201	16,808	20.42	0.65	3.19
Chennambakkam tank	..	72,533	5,438	77,971	80,727	49,803	23,747	62.05	2.10	3.37
Ponney anicut system	..	1,03,127	4,735	1,07,862	1,09,041	39,304	30,475	36.05	1.29	3.54
Cheyar do.	..	1,84,203	3,339	1,37,572	1,38,652	35,669	31,642	25.73	1.13	4.37
Thirukoyilur anicut system	..	1,72,239	17,031	1,39,362	1,39,072	40,905	42,386	21.53	0.93	4.47
Shadapur do.	..	27,633	196	27,829	27,905	9,403	5,361	33.70	1.75	5.10
Madhavur do.	..	44,666	339	45,005	45,282	12,574	10,126	27.77	1.24	4.44
Viduthalam do.	..	97,780	448	98,228	98,447	50,129	16,161	50.92	3.10	6.05
Tondiar (Villindoo) reservoir	..	5,87,164	51,515	6,38,679	6,42,335	1,73,617	121,575	27.03	1.43	5.25
Lower Odecon anicut system	..	50,24,618	1,24,043	51,48,661	51,88,450	11,06,115	978,077	21.44	1.13	5.26
Cauvery delta system	..	32,878	243	33,921	33,213	8,595	9,830	25.88	0.87	5.32
Nandya channel system	..	10,01,038	94,841	10,95,879	11,05,844	2,67,586	186,666	24.20	1.43	5.37
Penny system	..	2,24,954	1,490	2,25,844	2,33,172	88,107	43,661	37.79	2.02	5.17
Srivakuram anicut system	..	2,07,655	279	2,07,934	2,09,898	44,728	32,515	21.31	1.38	6.40
Maruth anicut system	..	38,487	461	38,948	38,948	2,865	9,112	7.36	0.31	4.27
Canal tank	..	3,66,147	121	3,66,268	3,69,493	1,21,354	59,315	32.84	2.05	6.18
Katelan scheme	..	1,06,747	..	1,06,747	1,07,071	21,554	16,201	21.31	1.33	6.59
Ponavari Island Project	..	12,27,625	..	12,27,625	12,58,351	4,35,756	156,714	34.63	2.78	7.83
Cauvery-Mettur Project	..	..	..	..	..	..	..	..	..	..
Unproductive.										
Nagavalli river system	..	1,04,776	21,503	1,26,279	1,28,876	40,707	28,290	31.59	1.14	4.53
Muniyur anicut system	..	50,448	62	50,510	51,581	19,296	9,424	37.41	2.48	5.36
Jangamadeswarapuram tank	..	1,011	..	1,011	1,016	333	308	32.78	1.06	3.28

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 1936-37—cont.

during 1933-37—cont.

Name of canal.	Average of discharge of the year at canal head in cubic feet per second.	Water assessed, 1936-37.		Gross and assessed revenue from all sources.	Working expenses, direct and indirect.	Area charged as irrigated during the years 1936-37, first and second crops.	Working expenses.		Total water-rate, direct and indirect.	
		Total, direct.	Indirect.				Per cent on gross revenue.	Per acre irrigated.		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Unproductive—cont.										
Atmakur tank ..	..	1,642	..	1,642	1,648	291	486	17.66	0.60	3.38
Bhavanasi tank ..	..	4,790	..	4,790	5,042	2,037	508	40.40	4.01	9.43
Dondapad tank ..	..	1,783	10	1,793	1,793	476	517	26.55	0.92	3.47
Mopad reservoir ..	..	13,126	5,169	18,295	18,414	10,816	3,117	58.74	3.47	5.87
Hajipuram tank ..	..	3,471	70	3,541	3,541	924	379	26.09	1.05	4.03
Ponnalur tank ..	..	4,823	..	4,823	4,823	3,102	874	64.32	3.55	5.52
Anamasamudram-Betaperu tank ..	..	4,114	..	4,115	4,175	854	1,013	20.45	0.84	4.12
Yerur tank ..	..	3,800	86	3,886	3,886	566	1,397	22.03	0.61	2.78
Sagileru system ..	..	18,504	26	18,530	18,586	5,813	4,581	31.28	1.53	4.04
Markapur tank ..	..	7,935	1	7,936	7,936	3,106	2,036	25.51	1.30	3.90
Yellapur tank ..	..	2,188	1,104	3,292	3,292	3,774	595	39.14	1.30	5.53
Siddhapur tank ..	..	4,377	..	4,377	4,377	3,902	979	89.15	9.07	10.18
Nagavaram anicut and supply channel ..	..	946	146	1,092	1,084	2,362	430	56.13	2.41	4.29
Venkatapuram tank ..	..	3,54,079	2,953	3,57,032	3,67,358	1,08,079	100,214	29.42	1.08	3.56
Kurnool-Cuddapah canal ..	..	21,492	758	22,250	24,213	14,336	4,975	28.21	2.88	4.47
Barur tank ..	..	21,609	462	22,071	67,046	22,807	8,689	34.02	2.62	2.54
Madras water-supply and irrigation system.	..	..	..	..	4,000	114	208	2.85	0.55	..
Kanniyampalayam anicut ..	..	7,165	1,074	8,239	8,509	3,866	5,224	45.43	0.74	1.58
Valur anicut system ..	..	2,21,867	16,852	2,38,719	2,40,036	108,708	89,164	45.28	1.22	2.68
Palar anicut system ..	..	60,222	86	60,308	61,142	20,037	13,513	32.77	1.48	4.46
Pelandoral anicut system ..	..	..	..	..	..	..	..	..	..	..

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

Names of systems. (1)	Area actually irrigated.					Both seasons. (7)
	First crop.		Second crop.		Total. (6)	
	Flow.	Lift.	Flow.	Lift.		
	(2)	(3)	(4)	(5)		
	ACS.	ACS.	ACS.	ACS.	ACS.	
(i) PRODUCTIVE WORKS						
VIZAGAPATAM DISTRICT.						
Chicacole minor rivers system ..	63,087	1,983	1,350	954	67,374	152
EAST GODAVARI DISTRICT.						
Polavaram Island system ..	12,290	4	3,905	2	16,201	2
Godavari delta system ..	358,346	2,366	104,806	605	466,123	8,328
WEST GODAVARI DISTRICT.						
Godavari delta system ..	405,426	6,834	152,510	4,287	569,057	5,911
KISTNA DISTRICT.						
Godavari delta system ..	826	..	18	..	844	..
Total ..	764,598	9,200	257,334	4,892	1,036,024	14,239
WEST GODAVARI DISTRICT.						
Kistna delta system ..	37,652	150	153	25	37,980	8
KISTNA DISTRICT.						
Kistna delta system ..	425,814	6,349	618	477	433,258	3,231
GUNTUR DISTRICT.						
Kistna delta system ..	332,357	3,927	1,586	433	338,303	4,046
Total ..	795,223	10,426	2,357	935	809,541	7,288
KISTNA DISTRICT.						
Divi system cum Kistna East Bank canal system.	43,085	255	1,286	..	44,626	214
NELLORE DISTRICT.						
Pennar river canals system ..	155,273	3,882	4,346	276	163,777	614
COIMBATORE DISTRICT.						
Arakkankottai channel ..	3,948	831	507	51	5,337	3
Tadepalli channel ..	15,284	391	2,274	235	18,184	498
Kalingarayan channel ..	9,810	2,538	9,029	1,904	23,281	2,363
CHINGLEPUT DISTRICT.						
Chembrambakkam tank ..	12,401	159	3,696	50	16,306	594
NORTH ARCOT DISTRICT.						
Poiney anicut system ..	16,153	538	3,480	121	20,292	205
CHITTOOR DISTRICT.						
Poiney anicut system ..	1,373	7	286	3	1,669	5
Total ..	17,526	545	3,766	124	21,961	210
NORTH ARCOT DISTRICT.						
Cheygar anicut system ..	18,711	629	8,805	175	28,320	168
CHINGLEPUT DISTRICT.						
Cheygar anicut system ..	395	..	162	..	557	..
Total ..	19,106	629	8,967	175	28,877	168
SOUTH ARCOT DISTRICT.						
Tirukkoyilur anicut system ..	24,278	1,399	3,963	362	30,001	912
Shatlatope anicut system ..	30,068	1,414	8,767	215	40,464	172
Mehamattur anicut system ..	4,867	60	377	8	5,302	71
Vridhachalam anicut system ..	8,917	164	575	17	9,613	116
Willingdon Reservoir ..	14,027	807	1,684	16	16,034	844
Lower Coleroon anicut system ..	82,795	1,217	7,989	394	92,395	463

under Productive and Unproductive Works and the value of crops fasli 1346 (1936-37).

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.
61,212	21,70,068	3,076	84,953	3,086	5,250	67,374	22,60,271
16,128	6,19,889	84	2,194	62	750	16,190	6,20,639
429,540	2,25,70,824	..	..	36,015	27,07,055	465,639	2,52,80,073
523,246	2,46,44,878	239	8,687	45,404	4,92,692	568,889	2,51,46,257
844	26,297	..	..	..	..	844	26,297
953,680	4,72,41,999	323	10,881	81,419	31,99,747	1,035,372	5,04,52,627
37,614	23,05,220	..	..	360	1,612	37,974	23,06,832
427,821	2,22,98,780	90	5,253	5,346	2,36,984	433,257	2,25,41,017
331,351	1,78,62,790	23	1,248	6,702	3,04,422	338,076	1,81,68,460
796,786	4,24,66,790	113	6,501	12,408	5,43,018	809,307	4,30,16,809
44,198	22,11,620	32	1,052	396	12,110	44,626	22,24,782
150,948	63,89,918	3,486	1,00,539	7,705	49,033	162,139	65,38,490
5,198	3,48,617	25	1,613	114	6,982	5,337	3,57,212
15,006	10,63,553	69	3,676	3,110	2,72,726	18,184	13,39,960
16,353	11,86,591	1,615	1,03,352	5,313	5,07,589	23,281	17,97,532
14,148	5,81,111	316	8,847	1,735	2,22,150	16,199	8,12,108
14,328	6,44,052	2,515	95,455	2,101	10,887	18,944	7,50,394
1,122	59,222	310	15,178	220	1,562	1,652	75,962
15,450	7,03,274	3,825	1,10,633	2,321	12,449	20,596	8,26,356
24,250	11,62,055	2,419	1,06,624	1,255	17,578	27,924	12,86,257
519	23,524	22	754	7	32	548	24,310
24,769	11,85,579	2,441	1,07,378	1,262	17,610	28,472	13,10,567
24,125	11,16,299	3,590	1,28,464	2,285	78,563	30,000	13,28,326
37,405	17,93,395	1,421	51,196	1,638	16,194	40,464	18,60,785
4,939	2,61,390	86	3,983	277	4,886	5,302	2,70,259
5,311	3,36,375	220	6,718	1,082	22,410	9,613	3,65,503
15,022	6,36,822	202	8,911	2,810	60,646	16,034	7,06,379
90,409	43,15,226	324	8,534	1,662	43,085	92,395	43,66,845

E-III.—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.		
	(2)	(3)	(4)	(5)			(6)	(7)
(1)	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.
(i) PRODUCTIVE WORKS—cont.						
TANJORE DISTRICT.						
Lower Coleroon anicut system	22,668	693	2,816	232	26,409	208
			10,805	626	118,804	665
Cauvery delta system	777,738	19,951	81,339	2,830	881,858	12,649
TRICHINOPOLY DISTRICT.						
Cauvery delta system	43,268	2,172	20,846	1,202	67,488	661
Total ..	821,006	22,123	102,185	4,032	949,346	13,310
TANJORE DISTRICT.						
Cauvery-Mettur project	140,263	752	11,307	193	152,515	922
TRICHINOPOLY DISTRICT.						
Nandiyar channel system	6,078	819	2,466	361	9,724	681
Kattalai scheme	42,063	2,586	12,711	1,086	58,446	3,705
MADURA DISTRICT.						
Periyar system	126,151	2,765	54,087	185	183,188	2,640
RAMNAD DISTRICT.						
Periyar system	290	..	..	..	290	..
Total ..	126,441	2,765	54,087	185	183,478	2,640
TINNEVELLY DISTRICT.						
Srivalakuntam anicut system ..	22,253	1,986	17,712	415	42,366	950
Marudur anicut system	16,882	194	14,984	21	32,081	612
KURNOOL DISTRICT.						
Cumbum tank	5,049	74	3,488	161	8,772	661
Total of Productive Works ..	3,279,886	67,325	543,928	17,266	3,908,435	52,05
(ii) UNPRODUCTIVE WORKS.						
VIZAGAPATAM DISTRICT.						
Nagavalli river system	25,927	218	1,276	32	27,453	88
KISTNA DISTRICT.						
Muniyuru Anicut system	9,017	37	28	..	9,082	..
GUNTUR DISTRICT.						
Jangamaheswarapuram tank ..	233	..	55	..	288	..
Atmakur tank	362	4	..	..	366	..
Dondapad tank	338	1	175	3	517	..
Bhavanasi tank	464	..	42	..	506	465
NELLORE DISTRICT.						
Mopad Reservoir System	2,827	..	274	2	3,103	320
Hajipuram tank	623	65	121	..	809	..
Ponnalur tank	793	..	34	..	827	..
Anamasamudram Biraperu tank ..	953	5	1	..	959	..
Yerur tank	1,116	76	1	..	1,193	..
CUDDAPAH DISTRICT.						
Sagileru system	3,993	58	420	..	4,471	83
Chepad channel	8,926	10	1,562	..	10,498	25
Nagavaram anicut and supply channel.	576	8	365	2	951	39

under Productive and Unproductive Works and the value of crops
 fasli 1346 (1936-37)—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.
25,492	11,37,121	190	9,424	727	1,06,640	26,409	12,53,185
115,901	54,52,347	514	17,958	2,389	1,49,725	118,804	56,20,003
849,292	3,74,03,013	4,755	1,61,212	27,794	34,96,657	881,841	4,10,60,882
63,503	36,15,745	894	37,526	3,091	2,09,603	67,488	38,62,874
912,795	4,10,18,758	5,649	1,98,738	30,885	37,06,260	949,329	4,49,23,756
150,588	56,96,977	328	9,754	1,596	51,108	152,512	57,57,839
7,842	3,77,726	505	19,047	1,376	65,745	9,723	4,62,518
52,027	26,20,013	560	22,553	5,798	3,74,362	58,445	30,16,923
172,562	1,15,02,086	5,399	1,76,551	5,205	8,96,850	183,166	1,25,75,487
286	16,071	4	116	..	..	290	16,187
172,848	1,15,18,157	5,403	1,76,667	5,205	8,96,850	183,456	1,25,91,674
39,390	18,25,922	140	4,452	2,820	2,35,605	42,359	18,65,979
30,455	16,06,333	192	6,412	1,434	1,30,970	32,081	17,43,715
6,690	2,63,993	973	38,503	1,107	31,435	8,770	3,33,931
3,690,232	18,04,93,521	34,104	12,32,781	179,633	1,06,73,173	3,903,969	19,23,99,475
26,673	11,31,524	194	6,433	586	46,182	27,453	11,84,139
9,031	4,86,023	..	..	51	930	9,082	4,86,053
137	1,722	4	177	147	634	288	2,533
320	10,925	2	118	44	230	366	11,273
358	17,542	71	5,266	88	602	517	23,410
502	46,023	..	..	4	51	506	46,074
361	18,343	2,421	120,110	261	3,304	3,103	1,41,757
493	25,682	275	11,582	41	760	809	38,024
625	20,798	14	17	188	1,880	827	22,695
774	19,408	45	1,531	140	200	959	21,139
1,191	36,033	1	..	1	70	1,193	36,103
2,719	1,56,963	1,217	40,892	536	6,155	4,741	2,04,010
6,839	4,49,243	1,022	43,197	2,637	29,713	10,496	5,22,158
718	27,893	92	3,754	141	500	951	32,147

E-III.—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	1,070	..	924	..	1,994	..
Siddhapur tank	430	..	..	..	430	..
Venkatapuram tank ..	195	..	..	..	195	..
Kurnool-Cuddapah canal ..	43,605	110	6,954	10	50,679	259
CUDDAPAH DISTRICT.						
Kurnool-Cuddapah canal ..	30,635	1,003	6,341	270	38,249	1,203
Total ..	74,240	1,113	13,295	280	88,928	1,462
ANANTAPUR DISTRICT.						
Yellanur tank	427	..	..	..	427	..
SALEM DISTRICT.						
Barur tank	3,316	31	1,326	6	4,679	347
COIMBATORE DISTRICT.						
Kaniyampalayam anicut ..	208	..	..	..	208	..
CHINGLEPUT DISTRICT.						
Madras water-supply and irrigation system ..	6,346	327	1,242	78	7,993	181
Vallur anicut system ..	4,035	413	107	57	4,612	83
NORTH ARCOT DISTRICT.						
Palar anicut system	44,130	1,216	12,883	376	58,605	1,071
CHINGLEPUT DISTRICT.						
Palar anicut system	18,447	1,348	2,187	121	22,103	51
Total ..	625,77	2,564	15,070	497	80,708	1,122
SOUTH ARCOT DISTRICT.						
Pelandorai anicut system ..	11,454	301	790	93	12,638	106
Total of Unproductive works ..	2,20,446	5,231	37,108	1,050	263,835	4,321
Grand total of Productive and Unproductive works ..	3,500,332	72,556	581,036	18,346	4,172,270	56,377

NOTE.—(1) The area under 'both seasons' is included under first and second crops.

(2) The areas in columns (2) to (6) include extent under 'withered crops' but exclude 'waste charged'.

(3) The area of withered crops is (4,466 + 3,195) = 7,661 acres.

under Productive and Unproductive Works and the value of crops fasli 1346 (1936-37)—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.
1,534	88,845	373	17,742	87	1,350	1,994	1,07,937
141	387	..	..	289	4,500	430	4,887
192	6,626	..	..	3	36	195	6,662
20,238	9,93,841	98	3,434	30,343	4,71,709	50,679	14,68,954
18,103	11,72,969	5,542	2,29,538	14,803	1,50,597	38,248	15,53,104
38,341	21,66,810	5,640	2,32,972	44,946	6,22,306	88,927	30,22,088
276	7,841	36	956	115	2,000	427	10,797
3,109	1,86,289	331	15,201	1,239	85,685	4,679	2,87,175
207	14,326	..	..	1	10	208	14,336
6,512	2,65,085	350	8,413	1,131	22,345	7,993	2,96,843
3,940	1,73,443	156	5,063	516	5,440	4,612	1,83,946
47,569	20,01,636	4,962	1,88,846	3,175	26,370	55,706	22,16,852
19,241	7,97,812	2,017	59,526	550	8,886	21,808	8,61,224
66,810	27,99,448	6,979	2,48,372	3,725	30,256	77,514	30,78,076
11,483	5,06,977	254	10,622	901	13,850	12,638	5,31,449
183,285	86,63,199	19,537	7,72,418	57,818	8,78,989	260,640	1,03,14,606
3,873,517	18,91,56,720	53,641	20,05,199	287,451	1,15,52,162	4,164,609	20,27,14,081

[Prepared by the Board of Revenue—B.P. No. 121, dated 9th November 1937.]

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

Civil districts.	Of the civil districts.			Works supplying irrigation—number and name.	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)		(6)	(7)
(1)	ACS.	ACS.	ACS.	(5)	ACS.	ACS.
Vizagapatam.	5,501,127	2,778,764	2,398,382	1 Chicacole minor rivers system. 2 Nagavalli river system. 3 Minor works	70,000 31,200 115,756	66,800 27,500 115,756
				Total ..	216,956	210,056
East Godavari.	3,980,698	2,016,736	1,427,648	1 Godavari delta system. 2 Polavaram Island system. 3 Minor works	396,253 18,648 94,862	377,000 17,500 94,862
				Total ..	509,763	489,362
West Godavari.	1,511,021	1,309,419	1,014,654	1 Godavari delta system. 2 Kistna delta system. 3 Minor works	565,000 43,120	414,500 43,120
				Total ..	608,129	457,629
Kistna ..	2,269,786	1,624,681	1,243,402	1 Kistna delta system. 2 Godavari delta system. 3 Divi system* 4 Muniyeru anicut system. 5 Minor works	543,000 80,000 13,024 20,903	445,300 42,000 10,000 20,903
				Total ..	656,927	518,208
Guntur ..	3,683,824	2,716,682	2,463,179	1 Kistna delta system. 2 Bhavanasi tank .. 3 Dondapad tank .. 4 Atmakur tank .. 5 Jangamaheswarapuram tank. 6 Minor works	357,000 2,448 2,880 1,160 960 26,534	330,000 841 2,880 250 460 26,534
				Total ..	390,982	358,875
Kurnool ..	860,657	2,897,549	2,133,945	1 Kurnool-Cuddapah canal. 2 Venkatapuram tank. 3 Cumbum tank .. 4 Markapur tank .. 5 Siddhapur tank .. 6 Minor works	310,860 1,700 6,000 1,701 4,250 47,146	103,743 340 5,980 1,583 3,730 47,146
				Total ..	380,666	162,522
Bellary † ..	3,643,405	3,066,428	2,478,293	Minor works	55,406	55,406
Anantapur ..	4,307,053	3,534,663	2,029,599	1 Yellanur tank .. 2 Minor works	1,641 153,233	925 153,233
				Total ..	154,874	154,158
Cuddapah ..	3,724,695	2,073,352	1,141,700	1 Kurnool-Cuddapah canal including Chepad reservoir. 2 Sagileru system .. 3 Nagavaram anicut and supply channel. 4 Minor works	37,700 26,576 894 102,620	19,676 4,500 894 102,620
				Total ..	167,799	127,699

* Columns 11 to 13 : area irrigated includes area under Kistna East Bank canal.

† Excluding Feudatory States.

Madras Presidency for the revenue year ending 30th June 1937.

Area irrigated.						Rainfall.	
Revenue year ending 30th June 1936.			Revenue year ending 30th June 1937.			1935-36.	1936-37.
Kharif I crop.	Rabi II crop.	Total.	Kharif I crop.	Rabi II crop.	Total.	1935-36.	1936-37.
(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	INCHES.	INCHES.
64,001	4,494	68,495	65,070	2,304	67,374	33-37	49-67
26,038	3,352	29,390	26,145	1,308	27,453		
92,680	8,818	101,498	120,691	16,990	137,681		
182,719	16,664	199,383	211,906	20,602	232,508	40-15	58-57
359,455	97,890	457,345	360,712	105,411	466,123		
11,389	10,003	21,392	12,294	3,907	16,201		
87,086	1,764	88,850	95,563	5,692	101,255	40-23	53-40
457,930	109,657	567,587	468,569	115,010	583,579		
415,364	149,684	565,048	412,260	156,797	569,057		
38,408	620	39,028	37,802	178	37,980	35-35	43-41
31,911	822	32,733	42,772	1,055	43,827		
485,743	151,126	636,869	492,834	158,030	650,864		
430,350	1,264	431,614	432,163	1,095	433,258	28-30	38-23
962	122	1,084	823	18	841		
40,452	1	40,453	43,341	1,286	44,626		
8,600	506	9,106	9,054	28	9,082	28-45	22-88
20,245	180	20,425	17,651	52	17,703		
500,609	2,073	502,682	503,034	2,479	505,513		
334,824	1,421	336,245	336,284	2,019	338,303	23-89	23-65
476	4	480	464	42	506		
222	16	238	339	178	517		
374	24	398	366	..	366	24-48	21-29
400	..	400	233	55	288		
19,585	1,144	20,729	23,055	2,805	25,860		
355,881	2,609	358,490	360,741	5,099	365,840	30-13	22-60
32,028	4,666	36,694	43,715	6,964	50,679		
268	49	317	195	..	195		
5,536	5,172	10,708	5,123	3,649	8,772	23-89	23-65
1,282	964	2,246	1,070	924	1,994		
617	33	650	430	..	430		
43,023	6,302	49,415	40,575	5,290	45,865	24-48	21-29
82,754	17,276	100,030	91,108	16,827	107,935		
45,582	9,559	55,141	46,843	9,786	56,629		
554	42	596	427	..	427	30-13	22-60
134,855	48,632	183,487	122,041	34,916	156,957		
135,409	48,674	184,083	122,468	34,916	157,384		
37,425	5,602	43,027	40,574	8,173	48,747	23-89	23-65
4,186	2,123	6,309	4,051	420	4,471		
596	393	989	684	367	1,051		
97,212	28,717	125,929	89,730	19,927	109,657	23-89	23-65
189,419	36,535	176,254	134,939	28,887	163,826		

E-IV.—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.
Nellore ..	5,087,200	3,000,167	1,497,971	1 Pennar river canals system.	190,000	162,500
				2 Mopad reservoir System.	13,890	12,500
				3 Ponnalur tank ..	1,973	1,000
				4 Anamasamudram Biraperu tank.	1,000	1,000
				5 Yerur tank ..	3,176	1,470
				6 Hajipuram tank ..	2,900	700
				7 Minor works ..	136,956	136,956
				Total ..	349,895	316,126
Chingleput ..	1,965,897	1,118,525	940,850	1 Palar anicut system ..	24,102	24,102
				2 Chembrambakkam tank.	24,478	18,000
				3 Vallur anicut system.	6,794	5,216
				4 Cheyyar anicut system.	540	494
				5 Madras water-supply and irrigation system.	10,165	9,852
				6 Minor works ..	358,578	358,578
				Total ..	424,657	416,242
South Arcot	2,693,024	1,892,985	1,546,292	1 Lower Coleroon anicut system.	86,000	84,244
				2 Shattlatope anicut system.	43,965	32,000
				3 Vriddhachalam anicut system.	16,359	8,829
				4 Mehamattur anicut system.	10,651	5,000
				5 Tirukkoyilur anicut system.	45,977	28,000
				6 Pelandoral anicut system.	16,677	12,837
				7 Willingdon reservoir.	28,800	25,000
				8 Minor works ..	300,198	300,198
				Total ..	548,627	496,108
North Arcot.	2,982,386	1,715,573	1,391,279	1 Palar anicut system ..	80,930	54,566
				2 Cheyyar anicut system.	28,921	22,193
				3 Polney anicut system.	23,824	22,462
				4 Minor works ..	231,647	231,647
				Total ..	365,322	330,868
Chittoor ..	3,778,865	1,668,295	909,302	1 Polney anicut system.	113,903	113,903
				2 Minor works ..	113,903	113,903
				Total ..	113,903	113,903
Salem ..	4,517,107	2,713,538	1,852,839	1 Barur tank ..	6,887	3,750
				2 Minor works ..	105,998	105,998
				Total ..	112,885	109,748
Colombatore	4,545,253	2,762,370	2,220,362	1 Tadepalle channel ..	16,000	15,400
				2 Arakkankottai channel.	6,000	4,845
				3 Kalingarayan channel.	15,000	12,239
				4 Kaniyampalayam anicut.	1,600	218
				5 Minor works ..	69,310	69,310
				Total ..	107,910	102,007

Madras Presidency for the revenue year ending 30th June 1937—cont.

Area irrigated.						Rainfall.	
Revenue year ending 30th June 1936.			Revenue year ending 30th June 1937.			1935-36.	1936-37.
Kharif I crop.	Rabi II crop.	Total.	Kharif I crop.	Rabi II crop.	Total.	1935-36.	1936-37.
(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	INCHES.	INCHES.
159,084	9,773	168,857	159,155	4,622	163,777	30.98	38.66
4,248	329	4,577	2,827	276	3,103		
690	72	762	793	34	827		
827	27	854	958	1	959		
1,249	..	1,249	1,192	1	1,193		
643	5	648	688	121	809	44.25	37.96
118,326	7,181	125,507	129,163	7,828	136,991		
285,067	17,387	302,454	294,776	12,883	307,659		
20,605	10,189	30,794	19,795	2,308	22,103		
12,932	6,276	19,208	12,560	3,746	16,306		
4,510	161	4,671	4,448	164	4,612	44.62	39.78
416	282	698	395	102	557		
6,831	3,301	10,132	6,673	1,320	7,993		
324,435	92,610	417,045	321,476	76,961	398,437		
369,729	112,819	482,548	365,347	84,661	450,008		
83,774	7,788	91,562	84,012	8,383	92,395	43.84	32.12
30,158	6,973	37,131	31,482	8,982	40,464		
8,943	657	9,600	9,021	592	9,613		
4,799	404	5,203	4,917	385	5,302		
26,674	3,109	29,783	25,676	4,325	30,001		
11,708	722	12,430	11,755	883	12,638	35.76	32.74
15,392	1,814	17,206	14,334	1,700	16,034		
273,723	81,087	354,810	264,352	72,100	336,452		
455,171	102,554	557,725	445,549	97,350	542,899		
53,190	27,293	80,483	45,346	13,259	58,605		
20,342	16,430	36,772	19,340	8,980	28,320	30.53	32.36
20,188	7,489	27,677	16,691	3,601	20,292		
208,724	105,905	314,629	194,534	66,073	260,607		
302,444	157,117	459,561	275,911	91,913	367,824		
1,422	297	1,719	1,880	289	1,669		
98,116	34,501	132,617	88,401	27,203	115,664	26.16	26.66
99,538	34,798	134,336	89,841	27,492	117,333		
3,391	1,097	4,488	3,347	1,332	4,679		
90,566	36,707	127,273	91,630	39,076	130,706		
93,957	37,804	131,761	94,977	40,408	135,385		
15,362	3,431	18,793	15,675	2,509	18,184	26.16	26.66
4,760	469	5,229	4,779	558	5,337		
12,307	10,993	23,300	12,348	10,983	23,281		
208	..	208	208	..	208		
64,130	18,629	82,759	65,759	20,275	86,034		
96,767	32,522	129,289	98,769	34,275	133,044		

E-IV.—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.			
	(1)	(2)	(3)	(4)	(5)	(6)
	ACS.	ACS.	ACS.			
Trichinopoly.	2,825,870	2,234,187	1,465,194	1 Cauvery delta system. 2 Nandiyar channel .. 3 Kattalai scheme .. 4 Minor works ..	44,667 9,480 40,000 120,308	44,008 7,084 36,623 120,308
				Total ..	214,455	208,028
Tanjore ..	2,396,898	1,713,720	1,509,321	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	1,123,584
Madura ..	3,078,021	2,221,413	1,417,410	1 Periyar system .. 2 Minor works ..	Not known. 131,046	143,000 131,046
				Total ..	131,046	274,046
Ramnad ..	3,140,268	2,223,931	1,383,729	1 Periyar system .. 2 Minor works ..	.. 38,362	.. 38,362
				Total ..	38,362	38,362
Tinnevely ..	2,788,727	2,140,433	1,471,979	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.	4,758,167	3,774,147
				Total of minor works.	2,519,032	2,519,032
Grand total.	73,281,782	47,423,411	33,937,330		7,277,199	6,293,179

Prepared by the Board of Revenue—

Madras Presidency for the revenue year ending 30th June 1937—cont.

Area irrigated.						Rainfall.	
Revenue year ending 30th June 1936.			Revenue year ending 30th June 1937.			1935-36.	1936-37.
Kharif I crop.	Rabi II crop.	Total.	Kharif I crop.	Rabi II crop.	Total.	1935-36.	1936-37.
(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	INCHES.	INCHES.
42,620	20,597	63,217	45,440	22,048	67,488	36.55	28.50
6,870	2,799	9,669	6,897	2,827	9,724		
41,168	13,283	54,451	44,649	13,797	58,446		
106,710	47,324	154,034	103,462	47,607	151,069		
197,368	84,003	281,371	200,448	86,279	286,727		
799,208	73,939	873,147	797,689	84,169	881,858	49.25	35.22
23,175	2,503	25,678	23,361	3,048	26,409		
118,260	4,580	122,840	141,015	11,500	152,515		
40,056	6,794	46,850	35,739	3,364	39,103		
980,699	87,816	1,068,515	997,804	102,081	1,099,885		
126,944	39,787	166,731	128,916	54,272	183,188	38.91	31.54
106,920	31,318	138,238	110,248	38,170	148,418		
233,864	71,105	304,969	239,164	92,442	331,606		
428	81	509	290	..	290		
31,206	13,228	44,434	33,618	17,795	51,413	30.09	32.66
31,634	13,309	44,943	33,908	17,795	51,703		
24,210	12,637	36,847	24,239	18,127	42,366	28.35	33.82
16,927	8,375	25,302	17,076	15,005	32,081		
165,481	85,913	251,394	173,550	109,857	283,407		
206,618	108,925	315,543	214,865	142,989	357,854		
5,538,330	586,407	6,124,737	3,572,888	599,382	4,172,270	34.46	35.04
2,200,572	667,225	2,867,797	2,210,913	622,822	2,833,735		
5,738,902	1,253,632	6,992,534	5,783,801	1,222,204	7,006,005		

B.P. No. 121, dated 9th November 1937.

F. I.—Statement showing the water-rates per acre which were in force under certain Productive and Unproductive Works in the Madras Presidency during the year ending 30th June 1937.

Description of crop.	Godavari and Kistna		Munivern project.		Periyar system.*		Bhavanesi and Siddapur.		Venkateswaram tank.		Moped.	Willingdon reservoir.	Kanniyampalayam and cut.†	Panjapatti reservoir. ‡	Other systems (in tracts where the differential water-rate system does not prevail). §
	RS.	A. P.	RS.	A. P.	RS.	A. P.	RS.	A. P.	RS.	A. P.	RS.	A. P.	RS.	A. P.	
1 Single wet crop	6	4	0	0	5	0	0	0	4	3	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	2	1	0	3	2	0	..
3 Second wet crop (if compounded for two crops for a term of not less than five years).	10	3	0	0	..	..	..	..	..	..	..	..	..	..	..
4 Second dry crop on irrigated land except where the landholder has compounded under clause 3.	3	2	0	0	..	..	..	..	..	..	..	..	..	..	..
5 For sugarcane, betel and other garden produce remaining on the ground for the time of two crops.	9	6	0	0	8	0	0	0	6	4	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	..	..	4	11	0	2	1	0	3	15	0
8 For a third irrigated crop (wet). Do. (dry).	2	8	0	0	2	0	0	0	..	..	..	..	..	..	..
9 Dry crop systematically irrigated.	1	4	0	0	1	0	0	0	..	..	..	..	..	..	..
10 Dry crop systematically irrigated.	6	4	0	0	..	..	..	..	..	..	..	..	..	..	..
11 Second wet crop in the case of zamindari and inam lands.	6	4	0	0	..	..	..	..	..	..	..	..	..	..	..

12 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.

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

14 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.

15 For a first dry crop systematically irrigated.

16 For a second dry crop systematically irrigated.

17 For a first or second dry crop occasionally irrigated.

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

19 Mango topes, coconut topes and other tope plantations—
(a) If they take water for a term of two wet crops.
(b) In other cases

Note.—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 Periyar 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 L, dated 17th March 1916.

‡ 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.

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

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

Prepared by the Board of Revenue, B.P. No. 104, dated 29th September 1937.

APPENDIX II **I.—Statement showing the financial results of Irrigation under Productive and Unproductive Works** **for fasli 1346 (1936-37).**

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.	
	Old irrigation.	New irrigation.	Old irrigation.	New irrigation.	Total.	(8)	(9)	Deduct remissions and deductions.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(10)	(11)
A. IRRIGATION WORKS.	ACS.	ACS.	ACS.	ACS.	ACS.	RS.	RS.	RS.
(i) PRODUCTIVE WORKS.								
1 Chicacole minor rivers system.	51,260	14,696	65,956	..	2,310	2,310	1,50,484	2,670
2 Godavari delta system ..	156,150	640,556	796,706	..	261,994	261,994	51,72,366	81,824
3 Kistna delta system ..	70,710	752,357	823,067	..	4,208	4,208	44,56,068	67,037
4 Divi system cum Kistna East Bank Canal.	9,900	33,670	43,570	..	1,256	1,256	2,69,341	12,604
5 Pennar river canal system ..	99,080	65,899	164,979	1,050	4,922	4,922	8,30,767	27,083
6 Arakkankottai channel ..	2,730	2,059	4,789	10	548	558	33,373	..
7 Tadepalle channel ..	9,990	5,747	15,737	170	2,339	2,509	1,41,400	65
8 Kalingarayan channel ..	8,300	4,148	12,448	8,350	2,383	10,933	1,80,340	93
9 Chembrambakkam tank ..	11,370	1,691	13,061	1,160	3,748	3,748	53,776	6,090
10 Poincy ancient system ..	15,550	4,307	19,857	2,500	1,390	3,890	1,09,120	30,577
11 Chettyar ancient system ..	14,960	6,373	21,333	1,630	7,512	9,142	1,55,689	7,249
12 Tirukkoyilur ancient system ..	16,080	11,142	27,222	30	4,420	4,450	1,51,747	1,054
13 Shadatope ancient system ..	7,160	26,254	33,414	..	8,982	8,982	1,72,336	7
14 Mahamattur ancient system ..	990	3,986	4,976	..	385	385	37,975	..
15 Vridhachalam ancient system.	2,430	7,104	9,534	260	592	592	65,129	934
16 Willingdon Reservoir ..	2,590	11,871	14,461	170	1,440	1,700	1,01,353	..
17 Lower Coleroon ancient system.	44,760	65,384	110,144	170	11,261	11,431	8,62,706	2,695
18 Cauvery delta system ..	743,647	127,300	870,947	33,919	73,211	107,130	66,53,398	23,318
19 Nandiyar channel system ..	4,680	2,423	7,103	1,570	1,257	2,827	38,147	409
20 Periyar system ..	65,600	66,633	132,233	16,100	38,183	54,283	11,09,048	4,815
21 Srivaikuntam ancient system.	14,580	10,954	25,534	5,850	12,277	18,127	2,67,306	1,213
22 Marudur ancient system ..	17,020	489	17,509	590	14,416	15,006	2,53,141	486
23 Cumbum tank ..	4,850	613	5,463	2,670	979	3,649	2,88,830	352
24 Kattalai scheme ..	27,860	17,638	45,498	8,250	5,567	13,817	4,31,408	1,621
25 Polavaram Island system ..	69,237	12,294	81,531	1,730	3,907	3,907	1,06,808	61
26 Cauvery-Mettur Project ..	..	74,596	143,553	..	11,131	12,561	1,36,044	9,419
Total of Productive Works ..	1,471,504	1,970,234	3,441,738	86,009	478,338	564,347	2,53,96,131	2,81,753

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.	
	Old irrigation.	New irrigation.	Old irrigation.	New irrigation.	Total.	(8)	(9)	Deduct remissions and deductions.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(10)	(11)
B. UNPRODUCTIVE WORKS.	ACS.	ACS.	ACS.	ACS.	ACS.	RS.	RS.	RS.
27 Nagavalli river system ..	10,600	16,382	26,982	5,200	3,592	1,308	1,09,768	2,992
28 Munivaru ancient system ..	600	8,796	9,396	..	28	28	51,249	801
29 Janamahalwarapuram tank.	150	103	253	7	48	55	1,164	153
30 Annakur tank ..	..	486	486	..	..	..	2,379	295
31 Dondapet tank ..	..	339	339	..	178	1,783	1,783	..
32 Bhavanasi tank ..	..	466	466	..	42	42	4,790	..
33 Mopad reservoir ..	..	2,841	2,841	..	276	276	13,126	..
34 Halpuram tank ..	..	758	758	..	121	121	4,069	..
35 Ponnalur tank ..	..	840	840	..	34	34	3,471	..
36 Anamasamudram-Braperu tank ..	900	112	1,012	80	79	1	4,872	49
37 Verur tank ..	80	1,316	1,396	2	..	..	4,174	..
38 Segluru system ..	3,900	261	4,161	700	1	1	3,800	11
39 Markapur tank ..	450	662	1,112	50	874	924	18,515	..
40 Yellapur tank ..	..	595	595	..	..	..	7,935	523
41 Siddharur tank ..	..	480	480	..	..	..	3,189	..
42 Nagavaram ancient and supply channel ..	452	160	612	235	132	367	4,377	..
43 Venkatapuram tank ..	53	153	206	1	1	1	4,053	35
44 Kurupol-Cuddapah canal ..	6,643	69,447	76,090	..	13,575	13,575	3,10,554	224
45 Chaped channel ..	1,406	7,581	8,987	56	1,506	1,562	47,147	331
46 Barur tank ..	1,380	2,313	3,693	430	902	1,332	44,080	447
47 Kanikumpalayam ancient.	..	208	208	..	..	..	21,939	..
48 Madras water-supply and irrigation system ..	5,630	1,739	7,369	780	540	1,320	22,401	792
49 Vallur ancient system ..	4,030	1,030	5,060	10	154	164	11,429	220
50 Palar ancient system ..	53,890	19,546	73,436	16,070	342	15,728	3,16,796	94,929
51 Pelandoral ancient system ..	2,120	10,510	12,630	100	783	883	60,222	..
52 Panjapatti Reservoir ..	Nil.	..	..	..	..	..	..	..
Total of Unproductive Works.	92,234	147,074	239,308	23,721	14,598	38,319	10,22,083	1,01,802
Grand total of Productive and Unproductive Works ..	1,563,738	2,117,308	3,681,046	109,730	492,936	602,666	2,71,41,723	3,83,560

I.—Statement showing the financial results of Irrigation under Productive and Unproductive Works
for fasli 1346 (1936-37)—*cont.*

Systems.	Direct receipts— <i>cont.</i>			Indirect receipts.			Total.	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-beds and other waste lands.		
	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
A. IRRIGATION WORKS—<i>cont.</i>								
(i) PRODUCTIVE WORKS—<i>cont.</i>								
1 Chibacole minor rivers system.	1,47,794	95,000	52,794	7,065	738	71	7,874	60,668
2 Godavari delta system.	50,30,542	1,24,000	49,06,542	1,83,867	8,161	37,848	2,29,876	51,96,418
3 Krishna delta system.	43,89,611	71,000	43,18,611	1,00,702	16,703	71,652	1,89,057	45,07,663
4 Divi system cum Kistna East Bank Canal.	2,56,737	20,300	2,36,437	13,253	4,086	69,866	81,205	3,23,642
5 Pennar river canals system.	8,03,684	2,59,000	5,44,684	45,902	3,711	22,332	71,945	6,19,629
6 Arakkankottai channel.	38,973	19,000	19,973	372	56	..	428	20,301
7 Tadepalle channel.	1,40,325	19,000	1,21,325	2,890	39	..	2,929	68,264
8 Kalingarayan channel.	1,30,247	59,000	71,247	419	64	..	483	45,730
9 Chembrambakkam tank.	52,656	19,000	33,656	898	59	..	957	37,643
10 Polney ancient system.	73,158	38,000	35,158	5,299	131	..	5,430	42,041
11 Cheyyar ancient system.	1,03,127	38,000	65,127	3,386	104	1,435	4,785	68,862
12 Tirukoyilur ancient system.	1,33,303	60,000	73,303	3,293	76	..	3,369	77,572
13 Shatlafope ancient system.	1,72,399	20,000	1,52,399	16,713	328	..	17,041	1,69,360
14 Mehamattur ancient system.	27,633	8,000	19,633	1,713	23	..	1,736	23,829
15 Vriddhaachalam ancient system.	44,668	5,000	39,668	302	17	..	419	39,505
16 Willington Reservoir.	97,760	10,500	87,260	35,190	..	20	..	87,418
17 Lower Coleroon ancient system.	5,27,164	1,55,000	3,72,164	4,821,110	..	..	..	4,83,679
18 Cauvery delta system.	50,24,643	33,000	49,91,643	1,13,060	10,371	418	1,24,043	17,58,482
19 Nandiyar channel system.	62,678	17,000	45,678	1,378	..	..	1,378	15,921
20 Periyar system.	10,01,038	2,03,000	7,98,038	15,380	48	..	94,841	8,91,879
21 Sivakuntam ancient system.	2,24,353	79,000	1,45,353	1,292	4,947	..	1,400	1,46,844
22 Marudam ancient system.	2,07,655	1,16,000	91,655	237	62	..	279	92,984
23 Cumbum tank.	3,38,487	30,000	3,08,487	443	18	..	461	8,948
24 Kattalai scheme.	3,68,167	2,54,000	1,14,167	21	..	100	121	1,12,288
25 Polavarum Island system.	1,06,747	..	1,06,747	..	..	..	..	1,06,747
26 Cauvery-Mettur Project.	12,27,625	99,971	11,27,654	..	..	..	..	11,27,654
Total of Productive Works	2,08,22,343	52,86,570	1,55,35,773	5,66,542	50,260	2,78,551	8,95,353	1,61,31,120

(ii) UNPRODUCTIVE WORKS.

27 Nagavalli river system.	1,06,776	37,400	69,376	4,548	1,092	15,863	21,503	90,879
28 Muniyeru ancient system.	50,448	2,500	47,948	4	58	..	62	48,010
29 Jangamaheswarapuram tank.	1,011	500	511	..	..	..	..	511
30 Atmakur tank.	1,642	..	1,642	..	..	..	..	1,642
31 Dondapad tank.	1,783	..	1,783	8	2	..	10	1,793
32 Bhavanasi tank.	4,790	..	4,790	..	..	..	..	4,790
33 Mopad reservoir.	13,126	433	12,693	659	..	4,510	5,169	17,862
34 Halpuram tank.	3,471	..	3,471	38	15	17	70	3,541
35 Ponnalur tank.	4,823	..	4,823	..	..	..	..	4,823
36 Anasamudram-Brageru tank.	4,174	3,600	574	..	1	..	1	575
37 Yerur tank.	3,800	425	3,375	22	64	..	86	3,461
38 Sagluru system.	18,504	17,800	704	22	4	..	26	8,730
39 Markapur tank.	7,935	2,130	5,805	..	1	..	1	5,806
40 Yellanur tank.	2,188	..	2,188	613	..	491	1,104	3,292
41 Siddhapur tank.	4,377	..	4,377	..	..	..	..	4,377
42 Nagavaram ancient and supply channel.	4,053	2,256	1,797	146	..	..	146	1,943
43 Venkatespuram tank.	946	104	842	33	..	..	38	820
44 Kurnool-Cuddapah canal.	3,10,330	28,285	2,82,045	1,097	926	376	2,399	2,84,444
45 Cheped channel.	43,749	7,537	36,212	505	26	23	528	36,716
46 Barur tank.	21,492	4,500	16,992	158	..	600	758	17,750
47 Kanniyampalayam ancient and irrigation system.	..	..	..	..	..	..	..	..
48 Madras water-supply and irrigation system.	21,609	11,000	10,609	441	21	..	462	11,071
49 Vallur ancient system.	7,165	5,000	2,165	1,067	7	..	1,074	3,239
50 Palur ancient system.	2,21,867	1,25,000	96,867	15,520	320	1,012	16,852	1,13,719
51 Pelandoral ancient system.	60,222	3,000	57,222	57	21	8	86	57,308
52 Panjapatti Reservoir.	..	..	..	..	..	..	..	..
Total of Unproductive Works.	9,20,281	2,51,580	6,68,701	24,938	2,558	22,905	50,401	7,19,102
Grand total of Productive and Unproductive Works	2,14,42,624	55,38,150	1,59,04,474	5,91,480	52,818	3,01,456	9,45,754	1,68,50,228

NOTE.—The revenue due to old and new irrigation under the Cauvery delta system fixed with reference to G.O. No. 783 I., dated 25th March 1936 is as follows:—

	Direct receipts.	Indirect receipts.	Total revenue.
	RS.	RS.	RS.
Old Irrigation	..	..	..
New Irrigation	..	..	..
	36,11,041	89,145	37,00,186
	14,13,607	34,898	14,48,505

Prepared by the Board of Revenue, B.P. No. 104, dated 29th September 1937.

STATEMENT II.

Systems.	Net receipts, direct and indirect.				Gross indirect receipts.			
	Average for five years ending 1934-35.		1936-37.		1936-37.		Actuals, 1935-36.	
	(2)	(3)	(4)	(5)	(6)	(7)		
(1)	RS.	RS.	RS.	RS.	RS.	RS.	RS.	
PRODUCTIVE WORKS.								
1 Chicacole minor rivers system	61,554	59,893	69,230	57,638	7,874	7,874	7,874	
2 Godavari delta system	43,62,733	48,10,623	47,22,307	49,35,489	2,29,666	2,29,666	2,29,666	
3 Krishna delta system	40,84,419	43,70,849	43,64,245	42,85,267	1,88,782	1,88,782	1,88,782	
4 Divi system cum Kistna East Bank Canal	2,02,298	2,86,230	2,78,713	3,10,933	87,205	87,205	87,205	
5 Penna river canals system	6,09,099	6,23,907	5,38,714	5,89,764	71,945	71,945	71,945	
6 Arakkankottai channel	19,523	18,530	19,427	19,886	428	428	428	
7 Tadepalle channel	61,166	68,366	68,400	64,351	2,929	2,929	2,929	
8 Kalngarayan channel	47,153	42,339	42,259	43,443	483	483	483	
9 Chennambakkam tank	45,794	47,301	44,799	35,701	957	957	957	
10 Polney ancient system	62,325	78,202	58,020	39,942	5,471	5,471	5,471	
11 Cheyyar ancient system	69,353	80,776	69,930	65,491	4,735	4,735	4,735	
12 Tirukoyilur ancient system	77,523	76,726	77,301	65,933	3,369	3,369	3,369	
13 Shadikote ancient system	1,53,931	1,51,724	1,52,029	1,40,892	17,031	17,031	17,031	
14 Melamattur ancient system	21,048	21,377	21,850	22,641	196	196	196	
15 Vridhachalam ancient system	23,836	34,313	32,839	34,651	339	339	339	
16 Willingdon Reservoir	1,01,861	93,093	95,817	83,237	448	448	448	
17 Lower Coleroon ancient system	4,37,315	4,51,012	4,40,719	4,59,495	51,515	51,515	51,515	
18 Cavery delta system	16,02,539	14,65,804	16,61,724	16,70,578	1,24,043	1,24,043	1,24,043	
19 Vaidiyar channel system	12,026	14,683	14,679	15,133	243	243	243	
20 Periyar system	8,22,145	8,07,483	8,11,440	8,51,011	94,826	94,826	94,826	
21 Sivakuntam ancient system	1,43,161	1,36,365	1,38,785	1,39,502	1,490	1,490	1,490	
22 Marudur ancient system	88,409	87,095	88,045	88,287	279	279	279	
23 Kundum tank	25,420	9,785	9,938	8,501	461	461	461	
24 Kattalai scheme	1,04,881	95,547	1,25,045	1,06,679	121	121	121	
25 Kovavaram Island system	..	1,18,599	1,18,750	1,01,410	..	..	..	
26 Cavery-Mettur Project	..	11,08,789	11,50,450	10,71,271	..	..	..	

UNPRODUCTIVE WORKS.

27 Nagavalli river system	..	85,139	89,699	88,537	21,463	21,463	21,503
28 Munivaru ancient system	..	41,336	44,465	46,317	60	60	62
29 Jangamahewarapuram tank	..	625	344	380	..	..	..
30 Atmakur tank	..	2,096	1,860	1,855	..	..	..
31 Dondapad tank	..	502	4251	4,275	10	10	10
32 Bhavanesi tank	..	4,496	4,251	4,275	..	..	..
33 Mopad reservoir	..	35,403	33,930	23,722	5,166	5,166	5,169
34 Halipuram tank	..	2,666	1,573	1,777	70	70	70
35 Ponnalur tank	..	4,749	4,335	3,800	..	..	..
36 Anamasanudram-Biraperu tank	..	394	1,887	4,546	1	1	1
37 Yeru tank	..	2,295	3,326	132	86	86	86
38 Sagleri system	..	746	7,848	4,775	26	26	26
39 Markapur tank	..	4,305	5,898	4,627	1	1	1
40 Yellanur tank	..	3,090	3,302	2,878	1,104	1,104	1,104
41 Siddhapur tank	..	2,671	4,348	3,990	..	..	..
42 Nagavaram ancient and supply channel	..	1,216	1,442	1,510	146	146	146
43 Venkatapuram tank	..	1,149	1,208	1,209	38	38	38
44 Kurmol-Cuddapah canal	..	2,66,241	2,40,172	2,59,382	2,347	2,347	2,399
45 Chepad channel	..	36,925	35,022	37,305	554	554	554
46 Barur tank	..	17,631	17,274	17,375	758	758	758
47 Kanniyampalayam ancient	..	14,823	17,250	17,599	462	462	462
48 Madras water-supply and irrigation system	..	3,125	3,088	3,077	1,074	1,074	1,074
49 Vallur ancient system	..	1,98,395	2,41,326	2,04,444	16,861	16,861	16,861
50 Palar ancient system	..	53,184	53,018	53,191	86	86	86
51 Pelandorai ancient system	..	..	..	..	..	..	..
52 Panjapatti Reservoir	..	..	..	..	..	..	..

* New project.

Prepared by the Board of Revenue, B.P. No. 104, dated 29th September 1937.

APPENDIX III.

Statement showing the extent irrigated and the revenue derived under "Minor works" for fasli 1346 (1936-37).

Districts.	Area irrigated and charged and area irrigated free of charge.				Total land and irrigation revenue.	Share due to irrigation.	Deduct remissions and deductions.	Net revenue due to irrigation.
	First crop.		Second crop.					
	(2)	(3)	(4)	(5)				
(1)	ACS.	ACS.	RS.	RS.	RS.	RS.	RS.	
(Works in charge of the Revenue Department.)								
Vizagapatam ..	64,503	8,664	2,20,364	1,52,296	15,114	1,37,182		
East Godavari ..	71,145	3,434	2,74,592	2,11,351	2,457	2,08,894		
West Godavari ..	24,285	442	79,560	68,459	977	67,482		
Kistna ..	9,290	4	60,171	53,391	8,193	45,198		
Guntur ..	22,263	2,428	1,25,375	94,844	6,091	88,753		
Nellore ..	66,850	3,622	2,79,083	2,31,933	13,624	2,18,309		
Cuddapah ..	60,576	12,617	2,80,154	2,35,436	60,895	1,74,541		
Anantapur ..	93,459	24,764	4,24,741	3,67,926	1,16,128	2,51,798		
Bellary ..	19,388	3,794	80,163	70,557	14,393	56,164		
Kurnool ..	26,601	3,557	1,04,152	88,024	18,984	69,040		
Chittoor ..	90,647	24,891	5,01,403	4,02,164	1,00,023	3,02,141		
Chingleput ..	152,443	32,432	5,73,461	4,05,251	44,141	3,61,110		
North Arcot ..	149,980	45,501	9,39,085	6,70,332	85,583	5,84,749		
South Arcot ..	163,236	41,767	9,57,554	6,90,308	33,169	6,57,139		
Tanjore ..	31,801	2,335	87,720	65,809	3,778	62,031		
Trichinopoly ..	55,900	16,612	2,90,514	2,17,741	28,989	1,88,752		
Madura ..	91,873	27,859	5,10,270	4,15,238	39,452	3,75,786		
Ramnad ..	18,074	8,369	1,18,921	1,00,941	2,385	98,556		
Tinnevely ..	89,704	46,545	5,15,871	4,42,930	32,537	4,10,393		
Coimbatore ..	23,024	7,072	1,39,848	1,18,461	1,344	1,17,117		
Salem ..	71,893	26,241	4,51,773	3,07,848	85,795	2,22,053		
Total of minor works—Revenue Department.	1,386,835	342,950	70,14,775	54,11,240	7,14,052	46,97,188		

(Works in charge of the Public Works Department.)

Vizagapatam ..	..	64,030	8,751	2,97,412	2,01,203	23,133	1,78,070
East Godavari ..	..	29,275	2,260	1,30,489	1,00,145	1,510	98,635
West Godavari ..	..	21,170	616	87,564	74,318	3,846	70,472
Kistna ..	..	9,340	48	63,905	55,540	1,610	53,930
Guntur ..	..	4,352	377	24,117	18,818	568	18,250
Nellore ..	..	79,166	4,245	4,40,201	3,61,816	21,340	3,40,476
Cuddapah ..	..	36,556	7,568	1,85,530	1,56,840	30,228	1,26,612
Anantapur ..	..	46,785	10,153	2,64,828	2,28,392	82,822	1,45,570
Bellary ..	..	33,967	6,476	2,72,409	2,42,374	37,547	2,04,827
Kurnool ..	..	16,827	1,733	80,593	67,536	15,140	52,396
Chittoor ..	..	12,147	2,312	69,779	55,818	7,803	48,015
Chingleput ..	..	197,301	44,798	8,50,606	6,00,634	77,089	5,23,545
North Arcot ..	..	63,246	20,572	4,24,285	3,04,369	49,755	2,54,614
South Arcot ..	..	121,390	30,314	8,08,868	5,79,752	31,295	5,48,457
Tanjore ..	..	13,816	1,211	46,228	34,575	898	33,677
Trichinopoly ..	..	59,416	31,187	4,36,696	3,28,700	15,958	3,12,742
Madura ..	..	32,708	10,311	2,24,408	1,83,602	15,822	1,67,780
Ramnad ..	..	16,522	9,449	1,24,323	1,05,809	967	1,04,842
Tinnevely ..	..	92,011	68,795	9,71,277	8,17,414	10,973	8,06,441
Coimbatore ..	..	45,604	13,230	3,22,306	2,63,624	14,294	2,49,330
Salem ..	..	31,002	13,017	2,32,675	1,58,530	52,981	1,05,549
Total of minor works—Public Works Department ..	..	1,026,631	287,423	63,58,409	49,39,809	4,95,579	44,44,230
Grand total of minor works ..	..	2,413,466	630,373	1,33,73,184	1,03,51,049	12,09,631	91,41,418

Prepared by the Board of Revenue B.P. No. 110, dated 18th October 1937.

APPENDIX IV.

Statement showing the number of wells used for irrigation in fasli 1346—Parts I and II.

Serial number and name of district.	Part I.				Part II.			
	Wells which lie in the wet ayacuts of recognized sources of irrigation.				Wells which have independent ayacuts of their own.			
	Wells in actual use.		Number of wells in working order but not used.		Wells in actual use.		Number of wells in working order but not used.	
	Number.	Area Irrigated.	(4)	(5)	Number.	Area Irrigated.	(9)	(10)
(1)	(2)	(3)	(4)	(5)	(7)	(8)	(9)	(10)
1 Vizagapatam	2,803	ACS. 3,769	553	497	505	ACS. 532	50	59
2 East Godavari	46	237	10	..	22	75	..	..
3 West Godavari	1	32	..	..	785	2,060	..	..
4 Kistna	14	10	..	..	1,454	3,438	..	..
5 Guntur	1,126	3,445	255	6	4,442	14,726	97	30
6 Nellore	1,921	4,681	433	103	7,135	24,909	804	620
7 Cuddapah	8,055	17,108	1,466	523	2,877	7,345	973	1,345
8 Anantapur	8,444	22,585	1,284	1,343	23,104	76,892	2,647	2,955
9 Bellary	813	2,023	443	1,247	18,050	48,897	2,027	3,184
10 Kurnool	334	560	514	204	4,675	12,558	1,558	1,469
11 Chingleput	18,239	31,757	2,202	212	10,738	19,556	2,810	2,494
12 Chittoor	19,421	28,546	2,016	2,036	10,738	30,798	755	900
13 North Arcot	50,470	84,993	3,721	3,691	13,538	25,628	908	2,563
14 South Arcot	19,698	44,485	3,908	5,021	68,619	101,171	5,245	5,888
15 Tanjore	11,049	14,739	..	2,352	20,117	23,921	2,820	2,357
16 Trichinopoly	9,008	18,229	569	409	50,830	98,770	710	3,161
17 Madurai	2,700	1,797	1,666	1,128	38,057	101,648	1,259	2,852
18 Ramanad	10,973	19,733	1,694	1,168	19,544	42,961	1,034	1,939
19 Tinnevely	2,718	9,862	3,971	695	27,721	49,981	2,075	2,033
20 Coimbatore	20,013	30,138	4,285	2,613	90,144	354,572	1,469	8,480
21 Salem	187,846	338,729	29,893	22,637	69,288	106,404	2,805	5,896
Total	..	..	..	..	474,547	1,140,700	30,046	47,725
								552,318

Prepared by the Board of Revenue, B.P. Rout. No. 5411, dated 16th November 1937.

REVIEW OF THE ADMINISTRATIVE ACCOUNTS OF IRRIGATION, NAVIGATION, EMBANKMENT AND DRAINAGE WORKS OF THE MADRAS PRESIDENCY, FOR THE YEAR, 1936-37.

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, at 6 per cent for those sanctioned between 1st August 1921 and 31st March 1937 and at 4 per cent for those sanctioned on or after 1st April 1937. If a work is not expected to yield such a return, it is classed as unproductive.

2. The following table summarizes the results of irrigation, etc., works during the year 1936-37, in comparison with those of the previous year, 1935-36.

(1)	Total invested (direct and indirect and all arrears of simple interest) to end of		Gross receipt (direct and indirect) during 1935-36.
	1935-36.	1936-37.	
	RS.	RS.	RS.
A. Irrigation works—			
1. Productive	17,40,99,413	17,85,00,814	1,64,66,047
2. Unproductive	9,83,23,770	8,87,99,883	11,29,268
B. Navigation, etc., works—			
2. Unproductive	3,18,10,777	3,18,35,022	81,349
	Gross receipts (direct and indirect) during 1936-37.	Working expenses (direct and indirect) during	
	(5)	1935-36.	1936-37.
	RS.	RS.	RS.
A. Irrigation works—			
1. Productive	1,63,71,421	51,50,722	44,16,681
2. Unproductive	7,84,985	5,46,134	3,63,815
B. Navigation, etc., works—			
2. Unproductive	1,10,690	1,88,495	2,37,653

	Net revenue during		Percentage on capital invested during	
	1935-36.	1936-37.	1935-36.	1936-37.
	(8)	(9)	(10)	(11)
A. Irrigation works—	RS.	RS.		
1. Productive	1,13,15,325	1,19,54,740	6.50	6.70
2. Unproductive	5,83,134	4,21,170	0.59	0.47
B. Navigation, etc., works—				
2. Unproductive	— 1,07,146	— 1,26,963	— 0.34	— 0.40

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. Although the construction estimate for item 25 (Cauvery-Mettur Project) was closed on 30th September 1934, the completion report is still under scrutiny. The Kattalai Scheme (item 26) is still in progress. Under the orders of Government in G.O. Ms. No. 6, dated 5th January 1937, the original name for item 20 'Ganjam Minor Rivers System' was changed to 'Chicacole Minor Rivers System'.

4. During the year under review, there was a net decrease in revenue to the extent of .95 lakh (i.e., an increase of 2.61 lakhs in the case of some of the systems and a decrease of 3.56 lakhs in some other cases) as compared with the revenue of last year. The increase was mainly in Godavari Delta (1.52 lakhs), Shatiatope (.10 lakh), Periyar (.49 lakh), Lower Coleroon (.10 lakh), Divi Pumping System (.27 lakh), and Kattalai (.13 lakh). The decrease in revenue occurred chiefly in the case of the following systems, viz., Chembrambakkam (.12 lakh), Cheyyar (.16 lakh), Poincy (.40 lakh), Pennar River canals (.37 lakh), Toludur Reservoir (.11 lakh), Polavaram Island (.18 lakh), Kistna Delta (.80 lakh) Cauvery Delta (.95 lakh), Thadapalli (.05 lakh) and Cauvery-Mettur (.42 lakh). The fall in respect of the first four systems is reported to be due to failure of the monsoon, inadequate or untimely supplies, restricted second crop cultivation and grant of large amounts of waste and tirvai-kammi remissions. In the case of item 5, i.e., Toludur Reservoir, the decrease is reported to be due to the decrease in the area of dry lands irrigated. The closure of 11 channels during the second crop season contributed to the decrease in revenue in the case of the Polavaram Island System. As regards the Kistna Delta System, the decrease is chiefly due to large amounts of remissions in the cyclone affected areas and the decrease in the area irrigated.

5. As compared with the previous year, there was a net decrease of nearly 7.34 lakhs in the working expenses of the year under review, which is made up of an increase of 1.02 lakhs in the case of some systems and a decrease of 8.36 lakhs in other cases.

The increase was chiefly in Thadapalli (.05 lakh), Kalingarayan (.06 lakh), Pennar River canals (.13 lakh), Arkenkota (.07 lakh), Poincy (.21 lakh), Toludur Reservoir (.11 lakh), Polavaram Island (.07 lakh), Kattalai (.10 lakh), Cheyyar (.06 lakh) and Periyar (.16 lakh) and the main reasons therefor are mentioned below against the systems concerned :—

- Thadapalli, Arkenkota and Kalingarayan.*—Provision of stem shutters and locking arrangements to sluices.
- Pennar River canals.*—Execution of repairs caused by floods.
- Poincy Anicut.*—Execution of repairs caused by flood and cyclone.
- Toludur Reservoir.*—Carrying out of repairs to the slips in the reservoir.
- Kattalai.*—Maintenance of the additional length of the Kattalai high level channel.

There was a decrease in the working expenses in the case of the following systems, viz., Cauvery Delta (5.53 lakhs), Srivakuntam (.23 lakh), Godavari Delta (1.04 lakhs), Tirukkoyilur (.06 lakh), Shatiatope (.07 lakh), Kistna Delta (.06 lakh), Chicacole Minor Rivers (.24 lakh), Lower Coleroon (.05 lakh), Divi Pumping System (.79 lakh) and Cauvery-Mettur (.29 lakh) and the important variations are explained below :—

- Cauvery Delta.*—The decrease was due to the apportionment for the first time, of the working expenses, between the old and new works of the Delta with reference to the orders of Government in G.O. No. 763 I., dated 25th March 1936.
- Godavari Delta.*—The excess during 1935-36 was due to the purchase of a suction dredger for the Akanda Godavari and the execution of repairs to lock gates in the Godavari Western Division.
- Chicacole Minor Rivers.*—The fall in expenditure, during the year, was due to works not having been carried out on account of rains in the early part of the year.
- Divi Pumping System.*—The pumping was stopped during the year, as the island was irrigated by direct flow and the pumping establishment was also disbanded.
- Cauvery-Mettur.*—The low outlay during the year was due to the improvements having been restricted to actual requirements.

6. The systems bearing numbers 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 15, 17, 18, 21 and 22 satisfy the test of productivity referred to in paragraph 1 *ante*; items 2, 8, 16, 19 and 20

failed to do so during a portion of the triennium ending with 1936-37 but their retention in the productive class is justified with reference to rule 3 (iii) of Statement 'A' of Appendix 4 to the Madras Public Works Account Code.

II. Unproductive.

7. The number of works of this class in the Presidency is 28 as in the last year. The Rushikulya System referred to in item 7 of Account No. I (General Abstract) for 1935-36 has been transferred to the Orissa Province from 1st April 1936 and the Duvvaleru Project referred to in item 28 of Account No. I (General Abstract) for the year has been added as a fresh item of work during the year.

8. There was a net decrease in revenue to the extent of 1.41 lakhs as compared with the last year :—

	LAKHS.
Total decrease as per statement in paragraph 2 ...	3.44
Less—receipts of Rushikulya System in 1935-36.	2.03
Net total ...	1.41

The revenue under the following systems in the year under review was considerably below the figures of the previous year for the reasons indicated against each :—

- (a) Palar (1.44 lakhs)—Large amounts of seasonal remissions were granted owing to the failure of the monsoon.
- (b) Mopad (.18 lakh)—The decrease was due to inadequate and untimely supplies of water and consequent failure of crops.
- (c) Madras water works (.11 lakh)—The supply for irrigation was restricted in the interests of the Madras City water-supply.

The above decreases were to some extent counterbalanced by an increase of .33 lakh in the Kurnool-Cuddapah canal.

9. There was a slight fall of .25 lakh in the working expenses as compared with the last year :—

	LAKHS.
Total decrease as per the statement in paragraph 2.	1.82
Less—Working expenses of Rushikulya System for 1935-36 ...	1.57
Net total ...	.25

This decrease is the net result of increases of .06 lakh, .26 lakh and .08 lakh respectively in the case of Barur, Palar and Muniyeru Systems and decreases of .39 lakh and .26 lakh in respect of Kurnool-Cuddapah canal and Basavannah channels. The increase

in the case of the first item (Barur) is stated to be due to certain special repairs having been executed during the year and in the case of items 2 and 3 (Palar and Muniyeru), it is reported to be due to the execution, during the year, of repair works necessitated by floods.

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

B. NAVIGATION, ETC., WORKS.

11. There are now two works of this class in the Presidency as against three, in the previous year, and both of them have been classed as "Unproductive." The Ganjam-Gopalpur canal (item 1 of Account No. I for 1935-36) has been transferred to the Orissa Province from 1st April 1936. The receipts and working expenses showed increases of .29 lakh and .49 lakh, respectively, as compared with previous year, the variations relating mainly to the Buckingham canal. The increase in working expenses is explained to be due to the works of special silt clearance and protection of breach sites with rough stones having been executed during the year.

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 1936-1937.

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 1936-1937.

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 1936-37.		
	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.	RS.	RS.	RS.		RS.	RS.	RS.
A. Irrigation Works.							
(1) Productive Works.							
1. Cauvery delta system.	79,69,663	2,64,636	82,34,299	31st March 1889.	83,413	2,277	85,690
2. Srivaikuntam anicut system.	16,67,459	1,07,604	17,75,063	Do.	..	..	..
3. Godavari delta system.	1,71,71,753	20,70,415	1,92,42,168	31st March 1890.	3,13,044	2,471	3,15,515
4. Mehamathur anicut system.	86,943	2,110	89,053	March 1891 ..	2,724	19	2,743
5. Thadapalli 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.	..	..	..
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.	60,48,761	10,18,037	70,66,798	31st March 1894.	23,324	171	23,495
11. Arkenkota channel ..	1,40,769	3,676	1,44,445	Do.	..	..	..

12. Tirukkoyilur anicut system.	3,89,189	10,001	3,99,190	31st March 1895 ..	..	..	..
13. Shatitope anicut system.	10,29,664	59,673	10,89,337	Do. ..	248	2	250
14. Cheyyar anicut system.	5,24,798	15,201	5,39,999	31st March 1896.	1,803	14	1,817
15. Cumbum tank ..	83,985	2,388	86,373	Do.	..	..	..
16. Poiney anicut system.	2,95,106	8,812	3,03,918	1897 ..	..	..	..
17. Periyar system ..	1,04,64,627	3,71,027	1,08,35,654	31st March 1897.	..	..	..
18. Kistna delta system.	2,45,94,200	12,68,111	2,58,62,311	31st March 1898.	12,95,193	23,527	13,18,720
19. Nandyar channel system.	63,231	2,484	65,715	1899 ..	..	..	..
20. Chicacole 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.	25,89,266	61,638	26,50,904	31st October 1913.	— 2,239	..	— 2,239
23. Toludur reservoir project.	23,91,827	2,53,847	26,45,674	31st October 1925.	2,955	20	2,975
24. Polavaram Island project.	16,76,423	27,469	17,03,892	28th Feb. 1934.	18,526	140	18,666
25. Cauvery-Mettur project.	6,67,70,000	11,30,000	6,79,00,000	15th June 1929 ..	52,781	2,393	55,174
26. Kattalai scheme ..	33,08,425	58,801	33,67,226	1st December 1926.	38,731	1,727	40,458
Total, A. Irrigation—(1) Productive ..	15,16,14,284	69,69,031	15,85,83,315		18,30,503	32,761	18,63,264
(2) Unproductive Works.							
1. Kurnool-Cuddapah canal.	2,33,13,676	73,438	2,33,87,114	Not known ..	..	..	..
2. Barur tank ..	4,27,642	23,802	4,51,444	31st March 1891.	4,821	38	4,859
3. Vallur anicut ..	74,366	1,916	76,282	31st March 1893.	..	..	..
4. Madras Water-supply and Irrigation system.	16,26,864	2,40,054	18,68,918	1893 ..	..	..	..
5. Pelandorai anicut system.	6,43,302	48,772	6,92,074	1893 ..	..	..	..
6. Palar anicut system ..	23,74,462	1,17,505	24,91,967	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 1936-1937—*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 1936-37.	
(1)	Direct charges	Indirect charges.	Total.	(5)	Direct charges.	Indirect charges.
	(2)	(3)	(4)	(5)	(6)	(7)
	RS.	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>						
7. Muniyuru system ..	5,79,317	29,813	6,09,130	1901-02 ..	4,372	32
8. Dondapad tank ..	1,24,786	15,218	1,40,004	31st March 1903.	..	..
9. Yerur tank ..	61,741	1,612	63,353	31st March 1907.	..	..
10. Sagleru tank ..	4,47,108	17,619	4,64,727	Do.	..	..
11. Atmakur tank ..	1,11,959	13,444	1,25,403	31st August 1907.	..	..
12. Jangamaheswarapuram tank.	61,253	10,411	71,664	31st March 1908.	..	..
13. Anamasanudram-Bera-peru tank.	71,687	1,886	73,573	31st March 1910.	..	..
14. Hajipuram tank ..	2,78,774	33,109	3,11,883	31st March 1911.	..	..
15. Ponnalur tank ..	1,92,975	25,674	2,18,649	Do.	..	..
16. Markapur tank ..	1,24,481	4,859	1,29,340	Do.	..	..
17. Nagavalli river system.	17,20,383	44,871	17,65,254	31st December 1913.	4,621	36
18. Venkatapuram tank ..	3,72,250	12,671	3,84,921	31st March 1918.	..	..
19. Bhavanasi tank ..	2,54,395	11,096	2,65,491	31st March 1919.	..	..
20. Yellanur tank ..	2,39,192	30,515	2,69,707	Do.	..	..
21. Panjapateti reservoir ..	3,27,781	11,495	3,39,276	30th June 1919.	..	..
22. Siddapur tank ..	7,91,038	13,448	8,04,486	31st October 1919.	..	..
					4,657	..

23. Nagavaram anicut and supply channel.	1,07,295	2,595	1,09,890	31st December 1919.	..	..	..
24. Mopad reservoir system.	21,94,231	96,429	22,90,660	30th April 1921 ..	801	6	807
25. Kanniyampalaiyam anicut.	1,07,221	3,853	1,11,074	31st March 1922 ..	..	..	..
26. Thippayapalem project.	6,04,548	22,476	6,27,024	4th February 1924.	36,091	606	36,697
27. Basavannah channel.	5,85,523	6,577	5,92,100	19th December 1924.	16,394	133	16,527
28. Duvvaleru project ..	1,50,620	1,455	1,52,075	7th September 1936.	71	1	72
Total, A. Irrigation—(2) Unproductive.	3,79,70,870	9,16,613	3,88,87,483		67,171	852	68,023
Total, A. (Irrigation Works).	18,95,85,154	78,85,644	19,74,70,798		18,97,674	33,613	19,31,287
B. Navigation, Embankment and Drainage Works.							
(2) Unproductive.							
1. Vedaranniyam canal.	1,32,699	3,733	1,36,432	31st March 1893.	..	..	..
2. Buckingham canal ..	85,92,529	4,89,464	90,81,993	March 1897 ..	..	..	..
Total, (2) Unproductive Works.	87,25,228	4,93,197	92,18,425		..	..	..
Total, B. Navigation, etc., Works.	87,25,228	4,93,197	92,18,425		..	..	..
Total, Construction of Irrigation, etc., Works.	19,83,10,382	83,78,841	20,66,89,223		18,97,674	33,613	19,31,287

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 1936-1937—*cont.*

Name of project.	CAPITAL OUTLAY INCLUSIVE OF INDIRECT CHARGES TO END OF 1936-37.			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 1936-37.			WORKING EXPENSES AND MAINTENANCE DURING 1936-37 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.											
(1) Productive Works.											
1. Cauvery delta system.											
78,33,181	2,63,550	80,96,731	..	80,96,731	14,23,365	34,898	14,58,264	3,08,911	2,278	3,11,189	
16,67,459	1,07,604	17,75,063	..	17,75,063	1,52,682	1,490	1,54,172	79,819	554	80,413	
1,68,83,833	20,62,821	1,89,46,654	..	1,89,46,654	52,26,200	2,29,876	54,56,076	14,02,030	8,314	14,10,344	
84,648	2,090	86,738	..	86,738	23,709	196	23,905	8,434	47	8,481	
1,66,383	11,063	1,77,446	..	1,77,446	66,643	2,929	69,572	21,942	200	22,142	
1,75,980	4,506	1,80,486	..	1,80,486	46,743	483	47,226	23,877	164	24,041	
1,04,144	4,060	1,08,204	..	1,08,204	36,443	339	36,782	12,506	68	12,574	
6,51,348	1,12,795	7,64,143	..	7,64,143	36,820	957	37,777	4,374	18	4,392	
8. Chembambakkam tank.											

9. Marudur anicut system.	58,721	1,401	60,122	..	60,122	94,619	279	94,898	37,980	242	38,222
10. Pennar river canals system.	58,81,527	10,15,621	68,97,148	..	68,97,148	5,50,363	71,945	6,22,308	1,38,970	1,149	1,40,119
11. Arankota channel.	1,40,769	3,676	1,44,445	..	1,44,445	20,109	428	20,537	11,491	79	11,570
12. Tirukkoyilur anicut system.	3,89,189	10,001	3,99,190	..	3,99,190	75,283	3,369	78,652	28,335	170	28,505
13. Shatiatope anicut system.	10,29,664	59,673	10,89,337	..	10,89,337	1,52,941	17,031	1,69,972	38,335	182	38,517
14. Cheyyar anicut system.	5,24,798	15,201	5,39,999	..	5,39,999	65,306	4,735	70,041	34,922	239	35,161
15. Cumbum tank ..	83,985	2,388	86,373	..	86,373	8,487	461	8,948	1,882	11	1,893
16. Poiney anicut system.	2,95,106	8,812	3,03,918	..	3,03,918	36,739	5,488	42,227	45,435	332	45,767
17. Periyar system ..	1,04,64,627	3,71,027	1,08,35,654	..	1,08,35,654	8,07,003	94,841	9,01,844	2,29,859	1,883	2,31,742
18. Kistna delta system.	2,20,95,746	12,02,378	2,32,98,124	..	2,32,98,124	45,23,962	1,89,057	47,13,019	11,51,612	6,099	11,57,711
19. Nandayar channel system.	63,231	2,484	65,715	15,201	80,916	1,5,972	243	16,215	4,133	22	4,155
20. Chicacola minor river system.	2,78,196	11,030	2,89,226	..	2,89,226	52,974	7,874	60,848	37,083	242	37,325
21. Lower Coleroon anicut system.	29,13,423	88,246	30,01,669	..	30,01,669	4,35,820	51,515	4,87,335	1,62,049	993	1,63,042
22. Divi pumping system.	25,89,266	61,638	26,50,904	..	26,50,904	2,42,999	87,205	3,30,204	47,507	208	47,715
23. Toludur reservoir project.	23,51,292	2,51,179	26,02,471	12,51,069	38,53,540	87,409	448	87,857	49,807	322	50,129
24. Polavaram Island project.	16,64,799	27,369	16,92,168	27,124	17,19,292	1,07,071	..	1,07,071	21,443	111	21,554
25. Cauvery-Mettur project.	6,48,54,263	10,45,567	6,58,99,830	2,21,06,188	8,80,06,018	11,60,178	..	11,60,178	4,33,099	2,657	4,35,756
26. Kattalai scheme ..	38,51,479	92,208	39,43,687	11,65,787	51,09,474	1,15,372	121	1,15,493	53,881	341	54,222
Total, A. Irrigation—(1) Productive.	14,70,97,057	68,38,388	15,39,35,445	2,45,65,369	17,85,00,814	1,55,65,213	8,06,208	1,63,71,421	43,89,756	26,925	44,16,681
(2) Unproductive Works.											
1. Kurnool-Cuddapah canal.	2,33,13,676	73,438	2,33,87,114	4,01,51,973	6,35,39,087	3,28,533	2,953	3,31,486	1,03,779	639	1,04,418
2. Barur tank ..	4,24,196	23,776	4,47,972	4,02,563	8,50,535	18,955	758	19,713	14,234	102	14,336
3. Vallur anicut ..	74,366	1,916	76,282	22,140	98,422	2,435	1,074	3,509	2,254	16	2,270
4. Madras Water-supply and Irrigation system.	16,28,864	2,40,054	18,68,918	27,76,559	46,45,477	55,584	462	56,046	18,010	142	18,152

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 1936-1937—*cont.*

Name of project.	CAPITAL OUTLAY INCLUSIVE OF INDIRECT CHARGES TO END OF 1936-37.			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 1936-37.			WORKING EXPENSES AND MAINTENANCE DURING 1936-37 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.	
6,43,302	48,772	6,92,074	4,09,064	11,01,138	58,056	86	58,142	19,761	107	19,868	
23,48,502	1,17,304	24,65,806	5,03,062	29,68,868	98,234	16,852	1,15,086	1,03,966	752	1,04,718	
5,75,771	29,783	6,05,554	2,78,029	8,83,583	49,019	62	49,081	18,353	137	18,990	
1,24,786	15,218	1,40,004	1,79,130	3,19,134	1,793	10	1,793	473	3	476	
61,741	1,612	63,353	32,282	95,635	3,375	86	3,461	852	4	856	
4,47,108	17,619	4,64,727	6,87,953	11,52,680	760	26	786	3,112	24	3,136	
1,11,959	13,444	1,25,403	92,602	2,18,005	1,648	..	1,648	296	1	291	
61,253	10,411	71,664	58,638	1,30,302	516	..	516	331	2	333	
71,687	1,886	73,573	71,697	1,45,270	574	1	575	—	..	—	
2,78,774	33,109	3,11,883	2,37,703	5,49,586	3,471	70	3,541	919	5	924	
1,92,975	25,674	2,18,649	2,29,053	4,47,702	4,823	..	4,823	3,082	20	3,102	
1,24,481	4,859	1,29,340	97,349	2,26,689	5,805	1	5,806	2,790	19	2,809	

WORKS FOR WHICH BOTH CAPITAL AND REVENUE ACCOUNTS ARE KEPT— cont.	
A. Irrigation Works— cont.	
(2) Unproductive Works —cont.	
6. Pelandorai anicut..	
6. Palar anicut system.	
7. Muniyeru system ..	
8. Dondapad tank ..	
9. Yerur tank ..	
10. Sagileru system ..	
11. Atmakur tank ..	
12. Jangamaheswarapu- ram tank.	
13. Anamasamudran, Beraperu tank.	
14. Hajipuram tank ..	
15. Ponnalur tank ..	
16. Markapur tank ..	

WORKS FOR WHICH BOTH CAPITAL AND REVENUE ACCOUNTS ARE KEPT—*cont.*

A. Irrigation Works—

cont.

(2) Unproductive Works—

—*cont.*

6. Pelandora anicut ..
 6. Palar anicut system ..
 7. Muniyeru system ..
 8. Dondapad tank ..
 9. Yerur tank ..
 10. Sagluru system ..
 11. Atmakur tank ..
 12. Jangamaheswarapuram tank ..
 13. Anamasamudram, Berapur tank ..
 14. Hajipuram tank ..
 15. Ponnalur tank ..
 16. Markapur tank ..

ADMINISTRATIVE ACCOUNTS
FOR THE YEAR 1936-1937.

17. Nagavalli river system.	17,06,786	42,542	17,49,328	3,62,705	21,12,033	69,973	21,503	91,476	36,609	231	36,840
18. Venkatapuram tank.	3,72,250	12,671	3,84,921	3,17,619	7,02,540	782	38	820	525	4	529
19. Bhavanasi tank ..	2,54,395	11,096	2,65,491	2,05,963	4,71,454	5,042	..	5,042	2,024	13	2,037
20. Yellanur tank ..	2,39,192	30,515	2,69,707	1,68,866	4,38,573	2,188	1,104	3,292	770	4	774
21. Panjapatti reservoir	3,27,781	11,495	3,39,276	2,57,895	5,97,171	33	..	33	199	1	200
22. Siddepur tank ..	7,91,038	13,448	8,04,486	6,16,340	14,20,826	4,377	..	4,377	3,873	29	3,902
23. Nagavaram anicut and supply channel.	1,07,295	2,595	1,09,890	61,851	1,71,741	1,806	146	1,952	2,344	18	2,362
24. Mopad reservoir system.	21,94,076	96,428	22,90,504	16,46,606	39,37,110	12,812	5,169	17,981	10,746	70	10,816
25. Kanniyampalaiyam anicut.	1,07,221	3,853	1,11,074	1,09,452	2,20,526	4,000	..	4,000	113	1	114
26. Thippayapalem project.	3,91,202	10,816	4,02,018	82,598	4,84,616	..	..	..	..	..	..
27. Basavannah channel.	5,76,441	6,535	5,82,976	2,88,130	8,71,106	..	..	..	11,494	93	11,587
28. Duvvaleru project.	71	1	72	2	74	..	..	..	..	..	..
Total, A. Irrigation—	3,75,51,189	9,00,870	3,84,52,059	5,03,47,824	8,87,99,883	7,34,584	50,401	7,84,985	3,61,378	2,437	3,63,815
(2) Unproductive.											
Total, A. Irrigation Works.	18,49,53,446	77,99,253	19,23,87,504	7,49,13,193	26,73,00,697	1,62,99,797	8,56,609	1,71,56,406	47,51,134	29,362	47,80,496
B. Navigation, Embankment and Drainage Works.											
(2) Unproductive.											
1. Vedaranniyam canal.	1,32,699	3,733	1,36,432	7,19,830	8,56,262	709	..	709	16,009	111	16,120
2. Buckingham canal.	85,92,529	4,89,464	90,81,993	2,18,96,767	3,09,78,760	1,09,981	..	1,09,981	2,19,776	1,757	2,21,533
Total, (2) Unproductive Works.	87,25,228	4,93,197	92,18,425	2,26,16,597	3,18,35,022	1,10,690	..	1,10,690	2,35,785	1,868	2,37,653
Total, B. Navigation, etc., Works.	87,25,228	4,93,197	92,18,425	2,26,16,597	3,18,35,022	1,10,690	..	1,10,690	2,35,785	1,868	2,37,653
Total, Construction of Irrigation, etc., works.	19,33,73,474	82,32,455	20,16,05,929	9,75,29,790	29,91,35,719	1,64,10,487	8,56,609	1,72,67,096	49,86,919	31,230	50,18,149

17. Nagavalli river sys-

tem.

18. Venkatapuram tank.

..

19. Bhavanasi tank ..

..

20. Yellanur tank ..

..

21. Panjapati reservoir

..

22. Siddapur tank ..

..

23. Nagavaram anicut

and supply chan-

nel.

24. Mopad reservoir sys-

tem.

25. Kanniyampalayam

anicut.

26. Thippayapalem pro-

ject.

27. Basavannah channel.

28. Duvvaleru project

Total, A. Irrigation—

(2) Unproductive.

Total, A. Irrigation

Works.

B. Navigation, Embank-

ment and Drainage Works

(2) Unproductive.

1. Vedaranniyam

canal.

2. Buckingham canal.

Total, (2) Unproductive

Works.

Total, B. Navigation,

etc., Works.

Total, Construction of

Irrigation, etc., works

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 1936-1937—contd.

Name of project.	NET REVENUE.		PERCENTAGE ON CAPITAL OUTLAY [COLUMN (11)].		Simple interest during 1936-37.	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 1934-35.	During 1935-36.	During 1936-37.	
(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.	11,47,075	..	14-17	..	3,14,817	8,32,258	..	16-78	8-61	14-17	4 per cent in the case of works sanctioned for those sanctioned between 1921, 6 per cent for those sanctioned and 31st March 1937 and 4 per after 1st April 1937.
2. Srivaikuntam anicut system.	73,759	..	4-16	..	56,432	17,327	..	—	2-69	4-16	
3. Godavari delta system.	40,45,732	..	21-35	..	6,13,229	34,32,503	..	21-09	20-34	21-35	
4. Mehamathur anicut system.	15,424	..	17-78	..	2,961	12,463	..	19-74	16-12	17-78	
5. Thadapalli channel ..	47,430	..	26-73	..	5,557	41,873	..	23-72	31-90	26-73	
6. Kalingarayan channel.	23,185	..	12-85	..	5,852	17,333	..	23-36	15-50	12-85	
7. Vriddhachalam anicut system.	24,208	..	22-37	..	3,767	20,441	..	17-75	24-64	22-37	
8. Chembrambakkam tank.	33,385	..	4-37	..	21,843	11,542	..	3-00	5-79	4-37	
9. Marudur anicut system.	56,676	..	94-27	..	2,077	54,599	..	108-93	95-12	94-27	
10. Pennor river canals system.	4,82,189	..	6-99	..	1,97,885	2,84,304	..	4-65	7-74	6-99	
11. Arkenkota channel ..	8,967	..	6-21	..	4,681	4,286	..	8-41	10-67	6-21	

tioned before 1st April 1919, 5 per 1st April 1919 and 1st August tioned between 1st August 1921 cent for those sanctioned on or

12. Trukkoyilur anicut system.	50,147	..	12-56	..	13,283	36,864	..	15-32	11-71	12-56	
13. Shatilothe anicut system.	1,31,455	..	12-07	..	35,977	95,478	..	12-42	10-47	12-07	
14. Cheyyar anicut system.	34,880	..	6-46	..	18,918	15,962	..	4-17	10-54	6-46	
15. Cumbum tank ..	7,055	..	8-17	..	2,793	4,262	..	10-08	10-89	8-17	
16. Poiney anicut system.	..	3,540	..	1-16	10,685	..	14,225	10-74	18-86	—	
17. Periyar system ..	6,70,102	..	6-18	..	3,50,570	3,19,532	..	6-77	5-88	1-16	
18. Kistna delta system ..	35,55,308	..	15-26	..	8,07,612	27,47,696	..	17-25	16-51	15-26	
19. Nandiyar channel system.	12,060	..	18-35	..	2,127	9,933	..	—	12-45	14-90	
20. Chicacole minor river system.	23,523	..	8-13	..	9,556	13,967	..	1-39	0-37	8-13	
21. Lower Coleroon anicut system.	3,24,293	..	10-80	..	1,12,794	2,11,499	..	9-80	10-32	10-80	
22. Divi pumping system.	2,82,489	..	10-65	..	96,659	1,85,830	..	5-55	6-51	10-65	
23. Toludur reservoir project.	37,728	..	1-45	..	1,01,356	..	63,628	1-79	1-56	0-98	
24. Polavaram Island project.	85,517	..	5-05	..	80,295	5,222	..	5-99	6-49	4-97	
25. Cauvery-Mettur project.	7,24,422	..	1-10	..	31,44,151	..	24,19,729	0-72	0-86	0-82	
26. Kattalai scheme ..	61,271	..	1-55	..	1,85,857	..	1,24,586	0-91	1-19	1-20	
Total, A. Irrigation—(1) Productive.	1,19,54,740	..	7-77	..	62,01,734	57,53,006	..	6-72	6-50	6-70	
(2) Unproductive Works.											
1. Kurnool-Cuddapah canal.	2,27,068	..	0-97	..	7,82,016	..	5,54,948	0-33	0-25	0-36	
2. Barur tank ..	5,377	..	1-20	..	14,062	..	8,685	1-27	1-34	0-63	
3. Vallur anicut ..	1,239	..	1-62	..	2,537	..	1,398	0-64	2-94	1-26	
4. Madras Water-supply and Irrigation works.	37,894	..	2-03	..	55,417	..	17,523	1-11	0-98	0-82	
5. Pelandoral anicut system.	38,274	..	5-53	..	21,883	16,391	..	2-49	3-19	3-48	
6. Palar ..	10,368	..	0-42	..	78,479	..	68,111	1-23	6-22	0-35	
7. Munjeru system ..	30,091	..	4-97	..	19,143	10,948	..	3-37	4-17	3-41	
8. Dondaped tank ..	1,317	..	0-94	..	4,149	..	2,832	0-20	0-26	0-41	
9. Yerur tank ..	2,605	..	4-11	..	2,053	552	..	—	2-78	2-72	

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 1936-1937—*cont.*

Name of project.	NET REVENUE.		PERCENTAGE ON CAPITAL OUTLAY [COLUMN (11)].		Simple interest during 1936-37. (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 1934-35. (27)	During 1935-36. (28)	During 1936-37. (29)	
	RS.	RS.			RS.	RS.	RS.				
WORKS FOR WHICH BOTH CAPITAL AND REVENUE ACCOUNTS ARE KEPT—cont.											
A. Irrigation Works—cont.											
(2) Unproductive Works—cont.											
10. Sagileru system ..	..	2,350	..	0.51	14,867	..	17,217	0.42	0.44	— 0.20	4 per cent in the case of works sanctioned for those sanctioned between March 1937 and 4 per cent for April 1937.
11. Arnakur tank ..	1,357	..	1.08	..	3,753	..	2,396	— 0.77	0.61	0.62	
12. Jangamaheswarapuram tank.	183	..	0.26	..	2,038	..	1,855	0.36	0.22	0.14	
13. Anamasamudram-Bera-peru tank.	600	..	0.82	..	2,384	..	1,784	0.02	1.17	0.41	
14. Hajipuram tank ..	2,617	..	0.84	..	9,270	..	6,653	0.27	0.25	0.48	
15. Ponnalur tank ..	1,721	..	0.79	..	6,823	..	5,102	— 1.51	0.35	0.38	
16. Markapur tank ..	2,997	..	2.32	..	4,258	..	1,261	— 1.19	0.41	1.32	
17. Nagavalli river system.	54,636	..	3.12	..	57,728	..	3,092	3.32	2.89	2.59	
18. Venkatapuram tank ..	291	..	0.08	..	12,777	..	12,486	— 0.13	0.08	0.04	
19. Bhavanasi tank ..	3,005	..	1.13	..	9,613	..	6,608	— 0.67	0.35	0.64	
20. Yellanur tank ..	2,518	..	0.93	..	8,231	..	5,713	— 0.04	0.51	0.57	
21. Panjapat reservoir ..	..	167	..	0.05	12,077	..	12,244	— 0.04	0.27	— 0.03	
22. Siddapur tank ..	..	475	..	0.06	26,367	..	25,892	0.37	0.27	0.03	
23. Nagavaram anicut and supply channel.	..	410	..	0.37	3,568	..	3,978	1.05	0.59	— 0.24	

ADMINISTRATIVE ACCOUNTS
FOR THE YEAR 1936-1937.

tioned before 1st April 1919, 5 per cent for those sanctioned between 1st April 1919 and 1st August 1921, 6 per cent for those sanctioned between 1st August 1921 and 31st March 1937 and 4 per cent for those sanctioned on or after 1st April 1937.

24. Moped reservoir system.	7,165	..	0.31	..	81,269	..	74,104	0.59	0.57	0.18	
25. Kanniyampalayam anicut.	3,886	..	3.50	..	4,767	..	881	0.70	1.13	1.76	
26. Thippayapalem project.	..	..	..	..	18,098	..	18,098	..	..	..	
27. Basavannah channel.	..	11,587	..	1.99	27,560	..	39,147	..	4.54	1.33	
28. Duvvaleru project	..	..	..	..	2	..	2	..	..	..	
Total, A. Irrigation—(2) Unproductive.	4,21,170	..	1.10	..	12,85,289	..	8,64,119	0.50	0.59	0.47	
Total, A. Irrigation Works.	1,23,75,910	..	6.45	..	74,87,023	48,88,887	..	4.45	4.37	4.63	
B. Navigation, Embankment and Drainage Works.											
(2) Unproductive.											
1. Vedaranniyam canal.	..	15,411	..	11.29	4,412	..	19,823	— 3.64	— 1.30	— 1.80	
2. Buckingham canal ..	..	1,11,552	..	1.23	2,86,853	..	3,98,405	— 0.41	— 0.32	— 0.36	
Total, (2) Unproductive Works.	..	1,26,963	..	1.38	2,91,265	..	4,18,228	— 0.48	— 0.34	— 0.40	
Total, B. Navigation, etc., Works.	..	1,26,963	..	1.38	2,91,265	..	4,18,228	— 0.48	— 0.34	— 0.40	
Total, Construction of Irrigation, etc., Works.	1,22,48,947	..	6.08	..	77,78,288	44,70,659	..	3.93	3.88	4.10	

CAUVERY DELTA SYSTEM—Canal Project.

No. 2.—Capital Account for and to end of 1936–1937.

Heads of account.	DIRECT CHARGES.		Cost of construction as now estimated.
	During the year.	To end of the year.	
	RS.	RS.	RS.
Works—			
(1) Head works	..	20,40,615	20,40,615
(2) Main canals and branches	50,917	14,97,431	16,01,802
(3) Distributaries	3,224	2,80,350	2,80,350
(4) Drainage and protective works	3,766	16,10,179	16,14,302
(5) Special tools and plant	..	1,33,495	1,33,495
(6) Old outlay	..	7,76,216	7,76,216
Total, Works ..	57,907	63,38,286	64,46,780
II. Establishment	25,298	13,74,876	13,99,281
III. Tools and plant	208	1,34,788	1,38,371
IV. Suspense	..	1	1
V. Less receipts on capital account	..	14,768	14,768
Net outlay in India and England ..	83,413	78,33,181	79,69,663

CAUVERY DELTA SYSTEM—Canal Project—cont.
No. 3.—Revenue Account for and to end of 1936–1937.

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—			I. EXTENSIONS AND IMPROVEMENTS—	
3. Sales of water	471	10,092	(1) Head works	4,596
5. Receipts from plantations ..	4,712	2,42,446	(2) Main canals and branches	34,962
6. Receipts from other canal produce	2,125	1,52,746	(3) Distributaries	5,934
8. Navigation	485	1,257	(4) Drainage and protective works	11,669
9. Rents of buildings	752	25,271	(5) Special tools and plant	..
10. Fines	..	291	Add—Unclassifiable outlay	35,951
11. Miscellaneous	923	87,067	Total	57,161
Recoveries of expenditure ..	409	5,347	II. MAINTENANCE AND REPAIRS—	
Deduct—Refunds	118	3,677	(1) Head works	13,514
Total, Revenue realized in Public Works Department	9,759	5,20,840	(2) Main canals and branches	4,15,821
Irrigation Revenue realized in Civil Department	14,13,607	6,46,40,866	(3) Distributaries	50,988
			(4) Drainage and protective works	34,377
			(5) Special tools and plant	..
			Add—Unclassifiable outlay	..
			Total	5,14,700
			Total, Extensions and Improvements and Maintenance and Repairs	5,71,861
			IV. ESTABLISHMENT	2,66,758
			V. TOOLS AND PLANT	1,986
			VI. REFUNDS OF REVENUE	..
			Deduct—Recoveries on Revenue account	4,921
			Total, Direct charges	8,40,605
			Share of collection charges in the Civil Department	2,57,413
			Indirect charges	8,097
			Total, Direct and Indirect charges	11,06,115
II. INDIRECT RECEIPTS—				
Share of land revenue collected in the Civil Department ..	34,893	97,12,645		
Total, Direct Receipts	14,23,366	6,51,61,696		

No. 3.—Revenue Accounts for and to end of 1936-37—*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.
Total, Public Works and Civil Departments, Revenue ..	14,58,264	7,48,74,341	* <i>Deduct</i> —Old maintenance charges saved to Government	7,94,926	1,46,98,223
			Net Total ..	3,11,189	1,84,43,053
			Balance, Net Revenue ..	11,47,075	5,64,31,288
Total, Receipts ..	14,58,264	7,48,74,341	Grand Total ..	14,58,264	7,48,74,341

Apportionment of the revenue and working expenses between the old and new works in respect of the Cauvery delta system during 1936-37—vide G.O. No. 763 I., dated 25th March 1936.

Working expenses—Direct charges.													
Classification of the capital outlay.	Details of the capital outlay.	Revenue (direct and indirect).		Extensions and improvements.		Maintenance and repairs.		Pro-rata establishment charges.		Water regulation establishment charges.		Pensionary charges on water regulation establishment.	
		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	
Old works Improvements	..	2,06,83,000	RS.	37,00,186	RS.	3,69,897	RS.	1,63,629	RS.	12,009	RS.	14,972	RS.
	..	80,96,731	RS.	14,48,505	RS.	1,44,803	RS.	64,056	RS.	4,701	RS.	5,862	RS.
	..			9,759									
Total	..	2,87,79,731		51,58,450		57,161		5,14,700		2,27,685		20,884	
Working expenses—Indirect charges.										Total working expenses (direct and indirect)			
		Tools and plant.		Total direct charges [(columns (4) to (11)).]		Capitalization of abatement of land revenue.		Audit and accounts.		Total indirect charges [(columns (13) and (14)).]		[(12) + (15)].	
		(10)	(11)	(12)		(13)		(14)		(15)		(16)	
		RS.	RS.	RS.		RS.		RS.		RS.		RS.	
		1,427	1,84,994	7,89,107		1,709		4,110		5,819		7,94,926	
		559	72,419	3,08,911		669		1,609		2,278		3,11,189	
		1,986	2,57,413	10,98,018		2,378		5,719		8,097		11,06,115	
												</	

No. 4.—Interest Account for and to end of 1936-1937.

	Amount.		Amount.
	RS.		RS.
Total interest charges to end of 1935-1936	85,31,476	Net revenue realized to end of 1935-1936	5,52,84,213
* Total interest charges for the year 1936-1937	3,14,817	Net revenue realized during 1936-1937	11,47,075
Balance net revenue	4,75,81,995		
Total ..	<u>5,64,31,288</u>	Total ..	<u>5,64,31,288</u>
		RS.	
* Interest at 3.3252 per cent on the outlay to end of 1916-1917		1,37,539	
Interest on the outlay of Rs. 36,55,228 from 1917-1918 to end of 1935-1936 plus half the outlay during 1936-1937 at 4.85 per cent		1,77,278	
Total ..		<u>3,14,817</u>	

No. 5.—Account of Indirect Charges for and to end of 1936-1937.

Particulars.	During the year.	To end of the year.
	RS.	RS.
Capital—		
Capitalization of abatement of land revenues	1,698	87,286
Leave and pension allowances	..	1,47,934
Audit and accounts	579	28,330
Total ..	2,277	2,63,550
Revenue—		
Capitalization of abatement of land revenue ..	2,378	32,658
Leave and pension allowances	..	7,94,051
Audit and accounts	5,719	1,03,873
Total ..	8,097	9,30,582
Grand Total ..	10,374	11,94,132

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	49,46,079	62,53,626	84,600	1,93,154	1,08,494	63,38,286
Establishment ..	3,07,377	10,39,780	13,47,157	27,719	52,124	24,405	13,74,876
Tools and plant ..	40,659	93,849	1,34,508	280	3,863	3,583	1,34,788
Suspense account ..	..	—	—	..	..	..	—
	..	1	1	..	..	..	1
Total ..	16,55,583	60,79,707	77,35,290	1,12,659	2,49,141	1,36,482	78,47,949
<i>Less—Receipts on Capital account.</i>	1,985	12,783	14,768	..	..	..	14,768
Net Total ..	10,53,598	60,66,924	77,20,522	1,12,659	2,49,141	1,36,482	78,33,181
<i>Indirect Charges.</i>							
Capitalized abatement of land revenue ..	66,184	21,102	87,286	..	..	..	87,286
Leave and pension allowances ..	57,144	90,790	1,47,934	..	..	..	1,47,934
Audit and accounts ..	..	27,483	27,483	847	1,933	1,086	28,330
	..	1,33,375	2,62,703	847	1,933	1,086	2,63,550
Total ..	1,23,328	1,33,375	2,62,703	1,13,506	2,51,074	1,37,568	80,96,731
Grand Total ..	17,76,926	62,06,299	79,83,225	1,13,506	2,51,074	1,37,568	80,96,731

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 1936–1937.

[Vide details on page 21 of the Administrative Accounts for 1934–1935.]

SRIVAUKUNTAM ANCUT SYSTEM—Canal Project—cont.
No. 3.—Revenue Account for and to end of 1936-1937.

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—					
Water-supply of towns ..	3,528	50,121	I. EXTENSIONS AND IMPROVEMENTS—		
Sales of water ..	..	3,804	(1) Head works ..	610	59,229
Receipts from plantations.	1,189	36,977	(2) Main canals and branches ..	914	1,02,496
Receipts from other canal produce ..	2,552	1,00,303	(3) Distributaries ..	..	31,456
Water power ..	..	171	(4) Drainage and protective works.	680	2,55,503
Rents of buildings ..	273	17,711	(5) Special tools and plant ..	..	..
Fines ..	..	50	Total ..	2,204	4,48,684
Navigation ..	..	15	II. MAINTENANCE AND REPAIRS—		
Miscellaneous ..	41	13,653	(1) Head works ..	4,102	1,76,813
Recoveries of expenditure.	5	341	(2) Main canals and branches ..	15,538	12,51,482
Deduct—Refunds ..	260	2,501	(3) Distributaries ..	..	2,69,321
			(4) Drainage and protective works.	35,371	8,05,184
			(5) Special tools and plant ..	..	12
			Add—Unclassifiable outlay ..	..	..
			Total ..	55,031	25,02,812
Total Revenue realized in Public Works Department ..	7,328	2,20,145	Total, Extensions and Improvements and Maintenance and Repairs ..	57,235	29,51,496
Irrigation Revenue realized in Civil Department ..	1,45,354	75,49,535	IV. ESTABLISHMENT ..	22,895	11,45,427
			V. TOOLS AND PLANT ..	26	10,048
			VI. REFUNDS OF REVENUE ..	..	660
			Deduct—Recoveries on Revenue account ..	..	55
Total, Direct Receipts ..	1,52,682	77,69,680	Total, Direct Charges ..	80,156	41,07,576
			Share of collection charges in the Civil Department ..	7,342	3,99,269

ADMINISTRATIVE ACCOUNTS
FOR THE YEAR 1936-37.

I. INDIRECT RECEIPTS—					
Share of land revenue collected in the Civil Department ..	1,490	1,04,609	Indirect charges ..	609	1,29,772
Total, Public Works and Civil Departments, Revenue ..	1,54,172	78,74,289	Total, Direct and Indirect Charges ..	88,107	46,36,617
			Deduct—Old maintenance charges saved to Government ..	7,694	4,93,900
Total, Receipts ..	1,54,172	78,74,289	Net total ..	80,413	41,42,717
			Balance, net revenue ..	73,759	87,31,572
			Grand Total ..	1,54,172	78,74,289

* Direct—
 Extensions and improvements .. 352
 Maintenance and repairs .. 5,208
 Establishment .. 2,077
 Tools and plant .. 2

Indirect
 Total, Direct .. 7,639
 Total, Direct and Indirect .. 7,694

SRIVAİKUNTAM ANICUT SYSTEM—*Canal Project*—cont.

No. 4.—Interest Account for and to end of 1936–1937.

	Amount. RS.		Amount. RS.
Total interest charges to end of 1935–1936	34,65,507	Net revenue realized to end of 1935–1936	36,57,813
* Total interest charges for the year 1936–1937	56,432	Net revenue realized during 1936–1937	73,759
Balance, net revenue	2,00,633		
Total	37,31,572	Total	37,31,572
• Interest at 3·3252 per cent on the outlay to end of 1916–1917.	53,297		
Interest at 4·25 per cent on the outlay from 1917–1918 to end of 1935–1936 and half the outlay during 1936–1937, i.e., Rs. 64,640	3,135		
	56,432		

No. 5.—Account of Indirect Charges for and to end of 1935–1937.

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	37	5,403
Leave and pension allowances	..	1,05,014
Audit and accounts	572	19,355
Total	609	1,29,772
Grand Total	609	2,37,376

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.
	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.
Works	10,50,679	2,73,004	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
<i>Less—Receipts on Capital account</i>	369	..	369	..	..	..	369
Net Total	13,51,027	3,16,432	16,67,459	..	..	..	16,67,459
<i>Indirect Charges.</i>							
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 L, dated 17th October 1931.

GODAVARI DELTA SYSTEM—Canal Project.

No. 2.—Capital Account for and to end of 1936-1937.

Hheads 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	1,42,597	11,19,602	10,37,270
(2) Main canals and branches	9,963	29,93,133	30,39,699
(3) Distributaries	85,273	13,81,585	15,72,990
(4) Drainage and protective works	5	27,34,909	28,17,992
(6) Special tools and plant	1,587	1,14,637	1,14,637
Old outlay	..	42,99,072	42,99,072
Total, Works	2,36,241	1,26,42,938	1,28,81,660
II Establishment	74,886	32,90,607	33,29,338
III Tools and plant	2,088	9,58,317	9,68,784
IV Suspense	..	..	..
V Less receipts on capital account	171	8,029	8,029
Net outlay in India and England	3,13,044	1,68,83,833	1,71,71,753

GODAVARI DELTA SYSTEM—Canal Project—cont.
No. 3.—Revenue Account for and to end of 1936-1937.

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—		
1. Water-rates	..	63	(1) Head works	5,361	1,41,390
3. Sale of water	2,342	56,059	(2) Main canals and branches	67,902	11,60,382
4. Water-supply of towns	1,568	33,653	(3) Distributaries	14,811	8,26,026
5. Receipts from plantations	..	..	(4) Drainage and protective works	9,930	2,54,380
6. Receipts from other canal produce	6,872	5,00,420	(5) Special tools and plant	..	87,882
8. Navigation receipts	30,322	10,71,133	Total	98,004	24,70,010
9. Rents of buildings	2,00,839	66,55,743	II. MAINTENANCE AND REPAIRS—		
10. Fines	1,488	27,733	(1) Head works	..	..
11. Miscellaneous	49	6,170	(2) Main canals and branches	..	..
Recoveries of expenditure	4,351	4,55,917	(3) Distributaries	..	..
Deduct—Refunds	12,386	32,782	(4) Drainage and protective works	..	..
Total Revenue realized in Public Works Department	559	14,408	(5) Special tools and plant	..	..
Irrigation Revenue realized in Civil Department	..	..	Add—Unclassifiable outlay	..	..
Total, Direct Receipts	52,26,200	21,58,06,390	Total	6,98,812	2,55,33,041
II. INDIRECT RECEIPTS—			Total, Extensions and Improvements and Maintenance and Repairs	7,96,816	2,80,03,051
Share of land revenue collected in the CIVIL Department	2,29,876	1,37,00,842	IV. ESTABLISHMENT	3,40,241	1,63,83,769
Total, Public Works and Civil Department—Revenue	54,56,076	22,95,07,732	V. TOOLS AND PLANT	7,044	28,23,988
Total Receipts	54,56,076	22,95,07,732	VI. REFUNDS OF REVENUE	..	19,950
			Deduct—Recoveries on Revenue account	..	33,735
			Total, Direct Charges	11,44,101	4,71,99,023
			Share of collection charges in the Civil Department	2,57,929	1,17,89,444
			Indirect charges	8,314	22,00,160
			Total, Direct and Indirect Charges	14,10,344	6,11,88,627
			Balance, net revenue	40,45,732	16,83,19,105
			Grand Total	54,56,076	22,95,07,732

GODAVARI DELTA SYSTEM—Canal Project—cont.

No. 4.—Interest Account for and to end of 1933-1937.

	Amount.		Amount.
	RS.		RS.
Total interest charges to end of 1935-1936	3,18,03,742	Net revenue realized to end of 1935-1936	16,42,73,373
Total interest charges for the year 1936-1937—		Net revenue realized during 1936-1937	40,45,732
Interest at 3·3252 per cent on the outlay to end of 1916-1917.	4,31,886		
Interest at 4·85 p·r cent on the outlay from 1917-1918 to end of 1935-1936 plus half the outlay during 1936-1937, viz., Rs. 37,39,038.	1,81,343		
Balance, net revenue	13,59,02,134		
Total	16,83,19,105	Total	16,83,19,105

No. 5.—Account of Indirect Charges for and to end of 1936-1937.

Particulars.	During the year.	To end of the year.
	RS.	RS.
Capital—		
Capitalization of abatement of land revenue ..	109	15,30,185
Leave and pension allowances	..	5,08,757
Audit and accounts	2,362	23,879
Total	2,471	20,62,821
Revenue—		
Capitalization of abatement of land revenue ..	346	1,04,322
Leave and pension allowances	..	19,84,645
Audit and accounts	7,968	1,11,193
Total	8,314	22,00,160
Grand Total	10,785	42,62,981

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.	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.	RS.
Direct Charges.									
Works	79,85,366	41,28,190	1,21,13,556	5,29,382	7,68,104	2,38,722	1,26,42,938		
Establishment	19,55,654	11,49,609	31,05,263	1,65,314	2,01,075	38,731	32,90,607		
Tools and plant	8,69,822	83,902	9,53,724	4,593	15,000	10,407	9,58,317		
Suspense account	..	..	..	..	..	..	..		
Total	1,08,10,842	53,81,701	1,61,92,543	6,99,319	9,87,239	2,87,920	1,68,91,862		
Less—Receipts on capital account	933	7,996	8,029	..	..	..	8,029		
Net Total	1,08,09,909	53,74,605	1,61,84,514	6,99,319	9,87,239	2,87,920	1,68,83,833		
Indirect Charges.									
Capitalized abatement of land revenue	14,95,991	34,194	15,30,185	..	5,360	5,360	15,30,185		
Leave and pension allowances	3,92,601	1,16,156	5,08,757	..	7,527	..	5,08,757		
Audit and accounts	..	18,386	18,386	5,293	..	..	23,879		
Total	18,88,592	1,68,936	20,57,528	5,293	12,887	7,594	20,62,821		
Grand Total	1,26,98,501	55,43,541	1,82,42,042	7,04,612	10,00,126	2,95,514	1,89,46,654		

The construction estimate of the Project was closed on 31st March 1930 and the completion report approved in G.O. No. 365 I, dated 23rd April 1931.

MEHAMATHUR ANICUT SYSTEM—*Canal Project.*

No. 2.—Capital Account for and to end of 1936–1937.

Heads of account.	DIRECT CHARGES.		Cost of construction as now estimated. RS.
	During the year.	To end of the year.	
	RS.	RS.	
I. Works—			
(1) Head works	..	56,967	56,967
(2) Main canals and branches	1,891	9,900	11,977
(3) Distributaries	..	563	563
Total, Works ..	1,891	67,430	69,507
II. Establishment	826	17,192	17,322
III. Tools and plant	7	26	114
Total outlay in India and England ..	2,724	84,648	86,943

MEHAMATHUR ANICUT SYSTEM—*Canal Project*—cont.
No. 3.—Revenue Account for and to end of 1936–1937.

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. Receipts from plantations.	70	1,699	(1) Head works	..	2,938
6. Receipts from other canal produce	1	3,145	(2) Main canals and branches	385	15,438
9. Rents of buildings	3	126	(3) Distributaries	..	5,116
II. Miscellaneous	2	1,365	(4) Drainage and protective works	..	..
Recoveries of expenditure	..	16	(5) Special tools and plant	..	..
Deduct—Refunds	..	49	Add—Unclassifiable outlay	..	9,521
Total, Revenue realized in Public Works Department	76	3,302	Total	385	33,013
Irrigation revenue realized in Civil Department	23,633	8,78,443	II. MAINTENANCE AND REPAIRS—		
			(1) Head works	915	57,538
			(2) Main canals and branches	2,417	76,276
			(3) Distributaries	1,567	38,582
			(4) Drainage and protective works	..	862
			(5) Special tools and plant	..	..
			Add—Unclassifiable outlay	..	45,826
			Total	4,899	2,19,084
Total, Revenue realized in Public Works Department	76	3,302	Total Extensions and Improvements and Maintenance and Repairs	5,284	2,52,097
	23,633	8,78,443	IV. ESTABLISHMENT	2,859	70,516
			V. TOOLS AND PLANT	19	648
			VI. REFUNDS OF REVENUE	..	4
			Deduct—Recoveries on Revenue Account	..	9
Total, Direct Receipts	23,709	8,81,745	Total, Direct Charges	8,162	3,23,256

MEHAMATHUR ANICUT SYSTEM—Canal Project—cont.
No. 3.—Revenue Account for and to end of 1936-1937—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.
I. INDIRECT RECEIPTS—					
Share of land revenue collected in the Civil Department	196	4,758	Share of collection charges in the Civil Department	1,188	44,130
Total, Public Works and Civil Departments, Revenue ..	23,905	8,89,503	Indirect charges	53	8,000
			Total, Direct and Indirect Charges Deduct—Old maintenance charges saved to Government (a)	9,403	3,75,386
			Balance, net revenue	922	31,255
Total, Receipts ..	23,905	8,89,503	Net Total	8,481	3,44,131
			Grand Total	15,424	5,45,372
				23,905	8,89,503

(a) Extensions and Improvements	RS. 126
Maintenance and Repairs	510
Establishment	278
Tools and Plant	2
Total, Direct Charges	916
Indirect Charges	6
Direct and Indirect	922

MEHAMATHUR ANICUT SYSTEM—Canal Project—cont.

No. 4.—Interest Account for and to end of 1936-1937.

	Amount. RS.		Amount. RS.
Total interest charges to end of 1935-1936	1,75,876	Net revenue realized to end of 1935-1936	5,29,948
Total interest charges for the year 1936-1937	..	Net revenue realized during 1936-1937	15,424
Interest at 3.3252 per cent on the outlay to end of 1916-1917.	2,353		
Interest at 4.85 per cent on the outlay of Rs. 12,525 from 1917-1918 to 1935-1936 plus half the outlay during 1936-1937.	608		
	2,961		
Balance, net revenue	3,66,535		
Total	5,45,372	Total	5,45,372

No. 5.—Account of Indirect Charges for and to end of 1936-1937.

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	19	87
Total	19	2,090
REVENUE—		
Capitalization of abatement of land revenue	..	354
Leave and pension allowances	..	6,986
Audit and accounts	53	660
Total	53	8,000
Grand Total	72	10,090

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	2,763	4,840	2,077	67,430
Establishment ..	12,946	3,061	16,007	1,185	1,315	130	17,192
Tools and plant ..	..	17	17	9	97	88	26
Suspense account ..	..	..	..	..	..	..	..
Total ..	69,235	11,456	80,691	3,957	6,252	2,295	84,648
<i>Less—Receipts on Capital Account ..</i>	..	..	..	..	..	..	..
Net Total ..	69,235	11,456	80,691	3,957	6,252	2,295	84,648
<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	28	48	20	87
Total ..	1,812	250	2,062	28	48	20	2,090
Grand Total ..	71,047	11,706	82,753	3,985	6,300	2,315	86,738

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

ADMINISTRATIVE ACCOUNTS
 FOR THE YEAR 1936-1937.

MADRAS PRESIDENCY.

THADAPALLI CHANNEL—Canal Project.

No. 2.—Capital Account for and to end of 1936-1937.

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

THADAPALLI CHANNEL—Canal Project—cont.

No. 3.—Revenue Account for and to end of 1936-1937.

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.	1,160	16,571	(1) Head works	..	6,707
6. Receipts from other canal produce	..	4,845	(2) Main canals and branches ..	5,530	41,741
9. Rents of buildings ..	65	2,057	(3) Distributaries	..	9,328
11. Miscellaneous	83	27,815	(4) Drainage and protective works ..	..	.. 74
			(5) Special tools and plant ..	..	7,726
			<i>Add—Unclassifiable outlay ..</i>	..	65,576
			Total	5,530	
Total, Revenue realized in Public Works Department	1,308	51,288	II. MAINTENANCE AND REPAIRS—		
Irrigation Revenue realized in Civil Department	65,835	27,83,954	(1) Head works	1,236	58,597
Total, Direct Receipts ..	66,643	28,35,242	(2) Main canals and branches ..	10,548	3,93,183
			(3) Distributaries	144	8,913
			(4) Drainage and protective works ..	..	..
			(5) Special tools and plant ..	..	1,99,673
			<i>Add—Unclassifiable outlay ..</i>	..	6,60,366
			Total	11,928	
			Total, Extensions and Improvements and Maintenance and Repairs ..	17,458	7,25,942
			IV. ESTABLISHMENT	5,552	1,84,917
			V. TOOLS AND PLANT	96	3,559
			VI. REFUNDS OF REVENUE	..	22
			<i>Deduct—Recoveries on Revenue Account..</i>	<i>..</i>	<i>11</i>
			Total, Direct Charges ..	23,106	9,14,429

ADMINISTRATIVE ACCOUNTS
FOR THE YEAR 1936-1937.

II. INDIRECT RECEIPTS—					
Share of land revenue collected in the Civil Department ..	2,959	1,99,785	Share of collection charges in the Civil Department ..	3,413	1,49,188
Total, Public Works and Civil Departments, Revenue ..	69,572	30,35,027	Indirect Charges	236	21,187
			Total, Direct and Indirect Charges ..	26,755	10,84,804
			<i>Deduct—Old maintenance charges saved to Government *..</i>	<i>4,613</i>	<i>1,17,118</i>
			Net Total	22,142	9,67,686
			Balance, net revenue	47,430	20,67,341
Total, Receipts ..	69,572	30,35,027	Grand Total	69,572	30,35,027
			* Direct—		
			Extensions and Improvements ..	RS.	3,569
			Maintenance and repairs	..	..
			Establishment	..	988
			Tools and Plant	..	20
			Total, Direct	4,577	
			Indirect	..	36
			Total, Direct and Indirect ..	4,613	

THADAPALLI CHANNEL—Canal Project—cont.

No. 4.—Interest Account for and to end of 1936-1937.

Particulars.	Amount. RS.	Net revenue realized to end of 1935-1936	Amount. RS.
Total interest charges to end of 1935-1936	3,42,757	Net revenue realized	20,19,911
* Total interest charges for the year 1936-1937	5,557	Net revenue realized .. during 1936-1937	47,430
Balance, net revenue	17,19,027		
Total	20,67,341	Total	20,67,341
* Interest at 3-3252 per cent on the outlay to end of 1916-1917. Interest at 4-85 per cent on the outlay of Rs. 1,628 from 1917-1918 to end of 1935-1936 plus half the outlay during 1936-1937	5,478		
	79		
Total	5,557		

No. 5.—Account of Indirect Charges for and to end of 1936-1937.

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	61	155
Leave and pension allowances	..	18,518
Audit and accounts	175	2,514
Total	236	21,187
Grand Total	236	32,250

THADAPALLI 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. RS.	Expenditure against open canal sanction. RS.	Total. RS.	Charges to date. RS.	Amount of sanctioned estimate. RS.	Unspent balance of estimate. RS.	
Direct Charges.							
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
Indirect Charges.							
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 1933.

KALINGAROYAN CHANNEL—*Canal Project.*

No. 2.—Capital Account for and to end of 1936–1937.

[Vide details on page 42 of the Administrative Accounts
for 1934–35.]KALINGAROYAN CHANNEL—*Canal Project*—cont.

No. 3.—Revenue Account for and to end of 1936–1937.

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.
I. DIRECT RECEIPTS—			I. EXTENSIONS AND IMPROVEMENTS—		
5. Receipts from plantations.	1,413	20,980	(1) Headworks	..	3,540
6. Receipts from other canal produce	..	11,199	(2) Main canals and branches	4,972	23,378
9. Rents of buildings	49	1,266	(3) Distributaries	..	280
11. Miscellaneous	34	40,935	(4) Drainage and protective works	..	..
Deduct—Refunds	..	96	(5) Special tools and plant	..	..
Total Revenue realized in Public Works Department	1,496	74,284	<i>Add—Unclassifiable outlay</i>	<i>..</i>	<i>11,569</i>
Irrigation revenue realized in Civil department	45,247	19,45,755	Total	4,972	38,767
Total Direct Receipts	46,743	20,20,039	II. MAINTENANCE AND REPAIRS—		
			(1) Head works	1,563	98,660
			(2) Main canals and branches	13,859	3,58,115
			(3) Distributaries	..	..
			(4) Drainage and protective works	..	..
			(5) Special tools and plant	..	— 50
			<i>Add—Unclassifiable outlay</i>	<i>..</i>	<i>3,53,846</i>
			Total	15,422	8,10,571
			Total, Extensions and Improvements and Maintenance and Repairs	20,394	8,49,338
			IV. ESTABLISHMENT	6,204	2,13,551
			V. TOOLS AND PLANT	112	3,236
			VI. REFUNDS OF REVENUE	..	243
			<i>Deduct—Recoveries on Revenue account</i>	<i>..</i>	<i>9</i>
			Total, Direct Charges	26,710	10,66,359

IRRIGATION BRANCH.

PUBLIC WORKS DEPARTMENT.

KALINGAROYAN CHANNEL—Canal Project—cont.
No. 3.—Revenue Account for and to end of 1936-1937—cont.

Receipts.	TOTAL.		Charges.	
	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	29,085	Share of collection charges in the Civil Department ..	2,287
Total, Public Works and Civil Departments, Revenue ..	47,226	20,49,074	Indirect charges ..	204
Total Receipts ..	47,226	20,49,074	Total, Direct and Indirect Charges ..	29,201
			Deduct—Old maintenance charges saved to Government (a) ..	5,160
			Balance, net revenue ..	24,041
			Grand Total ..	23,185
				47,226
				RS.
(a) Direct—			Extensions and improvements ..	3,992
Maintenance and repairs ..			..	..
Establishment ..			..	1,108
Tools and plant ..			..	22
Indirect ..			Total, Direct ..	5,120
			..	40
			Total, Direct and Indirect ..	5,160

ADMINISTRATIVE ACCOUNTS
FOR THE YEAR 1936-1937.

MADRAS PRESIDENCY.

KALINGAROYAN CHANNEL—Canal Project—cont.

No. 4.—Interest Account for and to end of 1936-1937.

	Amount.		Amount.
	RS.		RS.
Total interest charges to end of 1935-1936 ..	2,73,132	Net revenue realized to end of 1935-1936 ..	9,65,992
*Total interest charges for the year 1936-1937 ..	5,852	Net revenue realized during 1936-1937 ..	23,185
Balance, net revenue ..	7,10,193		
Total ..	9,89,177	Total ..	9,89,177
	RS.		
*Interest at 3.3252 per cent on the outlay to end of 1916-1917.	5,852		
Interest at 4.85 per cent on the outlay of Rs. nil from 1917-1918 to end of 1935-1936 plus half the outlay during 1936-1937 ..	..		
Total ..	5,852		

No. 5.—Account of Indirect Charges for and to end of 1936-1937.

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 ..	204	2,055
Total ..	204	25,792
Grand Total ..	204	30,298

VRIDDHACHALAM ANICUT SYSTEM—*Canal Project.*

No. 2.—Capital Account for and to end of 1936-1937.

[Vide details on page 43 of the Administrative Accounts
for 1935-36.]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. 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	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
Less—Receipts on Capital account ..	..	..	..	..	..	..	..
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—cont.
No. 3.—Revenue Account for and to end of 1936-1937.

Receipts.	TOTAL.		Charges.	TOTAL.
	During the year. RS.	To end of the year. RS.		
I. DIRECT RECEIPTS—				
3. Sales of water	..	322	I. EXTENSIONS AND IMPROVEMENTS—	
5. Receipts from plantations.	..	5,837	(1) Headworks	..
6. Receipts from other canal produce	270	..	(2) Main canals and branches	..
8. Navigation receipts	2	3,309	(3) Distributaries	..
9. Rents of buildings	..	1	(4) Drainage and protective works	..
10. Fines	5	104	(5) Special tools and plant	..
11. Miscellaneous	..	2,061	Add—Unclassifiable outlay	..
Recoveries of expenditure.	..	36	Total	..
Deduct—Refunds	..	744		
Total Revenue realized in Public Works Department	277	10,931	II. MAINTENANCE AND REPAIRS—	
Irrigation revenue realized in Civil Department	36,166	13,44,735	(1) Headworks	..
Total, Direct Receipts	36,443	13,55,666	(2) Main canals and branches	..
			(3) Distributaries	..
II. INDIRECT RECEIPTS—			(4) Drainage and protective works	..
Share of land revenue collected in the Civil Department	339	23,904	(5) Special tools and plant	..
Total, Public Works and Civil Departments, Revenue	36,782	13,79,570	Add—Unclassifiable outlay	..
Total, Receipts	36,782	13,79,570	Total	..
			Total, Extensions and Improvements and Maintenance and Repairs	..
			IV. ESTABLISHMENT	6,793
			V. TOOLS AND PLANT	3,865
			VI. REFUNDS OF REVENUE	24
			Deduct—Recoveries on revenue account.	..
			Total, Direct Charges	10,682
			Share of collection charges in the Civil Department	1,824
			Indirect charges	68
			Total, Direct and Indirect charges.	12,574
			Balance, net revenue	24,208
			Grand Total	36,782

VRIDDHACHALAM ANICUT SYSTEM—Canal Project—cont.

No. 4.—Interest Account for and to end of 1936-1937.

	Amount. RS.		Amount. RS.
Total interest charges to end of 1935-1936	1,62,982	Net revenue realized to end of 1935-1936	8,28,727
* Total interest charges for the year 1936-1937	3,767	Net revenue realized during 1936-1937	24,208
Balance, net revenue	6,86,186		
Total	8,52,935	Total	8,52,935
* Interest at 3.3252 per cent on the outlay to end of 1916-1917.	2,799		
Interest at 4.85 per cent on the outlay Rs. 19,952 from 1917-1918 to end of 1935-1936 plus half the outlay during 1936-1937	968		
Total	3,767		

No. 5.—Account of Indirect Charges for and to end of 1936-1937.

Particulars.	During the year. RS.	To end of the year. RS.
CAPITAL—		
Capitalization of abatement of land revenue	..	1,737
Leave and pension allowances	..	2,180
Audit and accounts	..	143
Total	..	4,060
REVENUE—		
Capitalization of abatement of land revenue	..	353
Leave and pension allowances	..	8,917
Audit and accounts	68	1,109
Total	68	10,384
Grand Total	68	14,444

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 ..	9,063	12,062	21,125	..	..	21,125
Tools and plant ..	..	93	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 1893.

CHEMBRAMBAKKAM TANK—*Tank Project.*

No. 2.—Capital Account for and to end of 1936-1937.

[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 1936-1937.

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.		445	(1) Head works	..	4,670
6. Receipts from other canal produce	..	2,370	(2) Main canals and branches	4	43,319
9. Rents of buildings	..	1,391	(3) Distributaries	..	4,448
10. Fines	70	5	(4) Drainage and protective works	..	..
Recoveries of expenditure	..	25	(5) Special tools and plant	..	..
11. Miscellaneous	..	11,672	Total	4	52,437
Deduct—Refunds	64	267			
Total, Revenue realized in Public Works Department	134	15,641	II. MAINTENANCE AND REPAIRS—		
II. INDIRECT RECEIPTS—			(1) Head works	..	37,198
Share of land revenue collected in the Civil Department	36,686	23,31,055	(2) Main canals and branches	7,218	4,33,357
	36,820	23,46,726	(3) Distributaries	..	16,325
			(4) Drainage and protective works	..	..
Total, Direct Receipts	957	51,622	(5) Special tools and plant	..	..
III. INDIRECT RECEIPTS—			Add—Unclassifiable outlay	..	..
Share of land revenue collected in the Civil Department	37,777	23,98,348	Total	7,218	4,86,880
Total, Public Works and Civil Departments—Revenue	37,777	23,98,348			
			Total, Extensions and Improvements and Maintenance and Repairs	7,222	5,39,317
			IV. ESTABLISHMENT	1,790	1,39,656
			V. TOOLS AND PLANT	16	2,576
			VI. REFUNDS OF REVENUE	..	45
			Deduct—Recoveries on revenue account	..	296
			Total, Direct Charges	9,028	6,81,298
			Share of collection charges in the Civil Department	1,882	1,27,004
			Indirect charges	72	20,023
			Total, Direct and Indirect Charges.	10,982	8,28,325

Total, Receipts ..	37,777	23,98,348	Deduct—Old maintenance charges saved to Government (a)	6,590	4,82,419
				4,392	3,65,906
			Balance, net revenue	33,385	20,32,442
			Grand Total	37,777	23,98,348
(a) Extensions and improvements					
Maintenance and repairs	..	..	Net Total	..	..
Establishment	..	..	Grand Total	..	..
Tools and plant	..	..			
Indirect charges	..	..	Total, Direct Charges	6,536	..
			Total direct and indirect	54	..
			Total direct and indirect	6,590	..

CHEMBRAMBAKKAM TANK—*Tank Project*—cont.

No. 4.—Interest Account for and to end of 1936-1937.

Amount.	RS.	Amount.	RS.
Total interest charges to end of 1935-1936	15,01,004	Net revenue realized to end of 1935-1936	19,99,057
* Total interest charges for the year 1936-1937	21,843	Net revenue realized during 1936-1937	33,385
Balance, net revenue	5,09,595		
Total	20,32,442	Total	20,32,442
* Interest at 3.3252 per cent on the outlay to end of 1916-1917.	21,256		
Interest at 4.85 per cent on the outlay of Rs. 12,097 from 1917-1918 to end of 1935-1936 plus half the outlay during 1936-1937	587		
Total	21,843		

No. 5.—Account of Indirect Charges for and to end of 1936-1937.

Particulars.	During the year.	To end of the year.
	RS.	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	72	1,532
Total	72	20,023
Grand Total	72	1,32,818

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.	
	RS.	RS.	RS.				RS.
<i>Direct Charges.</i>							
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 1893.

MARUDUR ANICUT SYSTEM—*Canal Project.*

No. 2.—Capital Account for and to end of 1936–1937.

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

ADMINISTRATIVE ACCOUNTS
FOR THE YEAR 1936–1937.MARUDUR ANICUT SYSTEM—*Canal Project*—cont.
No. 3.—Revenue Account for and to end of 1936–1937.

Receipts.	TOTAL.		Charges.	TOTAL.	
	During the year.	To end of the year.		During the year.	To end of the year.
1. DIRECT RECEIPTS—					
3. Sales of water	RS. 116	RS. 16		RS. 78	RS. 1,220
5. Receipts from plantations ..	..	9,244		3,472	46,307
6. Receipts from other canal produce	910	35,859	I. EXTENSIONS AND IMPROVEMENTS—	..	10,636
9. Rents of buildings	15	112	(1) Head works	11,391	15,485
11. Miscellaneous	923	10,420	(2) Main canals and branches	..	..
Recoveries of expenditure ..	..	52	(3) Distributaries	..	..
Deduct—Refunds	..	279	(4) Drainage and protective works	..	..
			(5) Special tools and plant	..	..
			Add—Unclassifiable outlay	..	11,000
			Total	14,941	84,648
			II. MAINTENANCE AND REPAIRS—		
			(1) Head works	1,167	74,068
			(2) Main canals and branches	11,770	4,97,288
			(3) Distributaries	..	1,04,747
			(4) Drainage and protective works	1,036	55,118
			(5) Special tools and plant	..	..
			Add—Unclassifiable outlay	..	1,98,634
			Total	13,973	9,29,833
Total revenue realized in Public Works Department	1,964	55,424	Total, Extensions and Improvements and Maintenance and Repairs	28,914	10,14,481
Irrigation revenue realized in Civil Department	92,655	53,16,107	IV. ESTABLISHMENT	10,864	2,77,362
			V. TOOLS AND PLANT	14	929
			VI. REFUNDS OF REVENUE	..	145
			Deduct—Recoveries on Revenue account	..	17
			Total, Direct Charges	39,792	12,92,900
Total, Direct Receipts.	94,619	53,71,531			

MARUDUR ANICUT SYSTEM—Canal Project—cont.
No. 3.—Revenue Account for and to end of 1936-1937—cont.

Receipts.	TOTAL.		Charges.	
	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	15,541	Share of collection charges in the Civil Department	4,647
Total, Public Works and Civil Departments, Revenue ..	94,898	53,87,072	Indirect charges	289
			Total, Direct and Indirect Charges ..	44,728
			Deduct—Old maintenance charges saved to Government (a).	6,506
			Net Total ..	38,222
Total, Receipts ..	94,898	53,87,072	Balance, Net revenue ..	56,676
			Grand Total ..	94,898
				RS.
(a) Extensions and Improvements ..				200
Maintenance and Repairs ..				4,500
Establishment ..				1,757
Tools and Plant ..				2
			Total, Direct Charges ..	6,459
			Indirect Charges ..	47
			Total, Direct and Indirect ..	6,506

MARUDUR ANICUT SYSTEM—Canal Project—cont.

No. 4.—Interest Account for and to end of 1936-1937.

	Amount. RS.		Amount. RS.
Total interest charges to end of 1935-1936	98,065	Net revenue realized to end of 1935-1936	39,77,032
* Total interest charges for the year 1936-1937	2,077	Net revenue realized during 1936-1937	56,676
Balance, Net revenue	39,33,566		
Total ..	40,33,708	Total ..	40,33,708
* Interest at 3.3252 per cent on the outlay to end of 1916-1917.	1,680		
Interest at 4.85 per cent on the outlay of Rs. 8,180 from 1917-1918 to end of 1935-1936 and half the outlay during 1936-1937	397		
Total ..	2,077		

No. 5.—Account of Indirect Charges for and to end of 1936-1937.

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	..	22,113
Audit and accounts	289	4,920
Total ..	289	27,730
Grand Total ..	289	29,131

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 1933.

PENNAR RIVER CANALS SYSTEM—Canal Project.

No. 2.—Capital Account for and to end of 1936-1937.

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	14,171	8,85,444	10,08,293
(2) Main canals and branches	2,916	16,13,032	16,14,944
Reservoirs	..	77,965	77,965
(3) Distributaries	..	13,03,499	13,06,809
(4) Drainage and Protective works	..	3,33,983	3,33,983
Unforeseen works	..	60	2,890
Old outlay	..	5,26,117	5,26,117
Total Works ..	17,087	47,40,100	48,71,001
II. Establishment	6,195	9,99,499	10,32,328
III. Tools and plant	42	1,44,786	1,48,290
V. Less—Receipts on capital account ..	..	2,858	2,858
et outlay in India and England ..	23,324	58,81,527	60,48,761

PENNAH RIVER CANALS SYSTEM—*Canal Project*—cont.
No. 3.—Revenue Account for and to end of 1936-1937.

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.	146	2,545	(1) Head works	13	21,475
6. Receipts from other canal produce	831	1,01,257	(2) Main canals and branches	126	1,35,356
8. Navigation	258	2,434	(3) Distributaries	3,713	2,75,992
9. Rents of buildings	480	17,413	(4) Drainage and protective works	..	38,742
10. Fines	..	11	(5) Special tools and plant	..	— 207
11. Miscellaneous	112	20,405	<i>Add</i> —Unclassifiable outlay	..	8,370
Recoveries of expenditure.	918	5,260	Total	3,826	4,79,758
<i>Deduct</i> —Refunds	66	5,898	II. MAINTENANCE AND REPAIRS—		
Total, Revenue realized in Public Works Department	2,679	1,43,427	(1) Head works	7,089	5,84,900
Irrigation revenue realized in Civil Department	5,47,684	2,39,47,491	(2) Main canals and branches	14,992	16,58,805
Total, Direct Receipts	5,50,363	2,40,90,918	(3) Distributaries	69,743	14,97,182
II. INDIRECT RECEIPTS—			(4) Drainage and protective works	7,549	1,66,846
Share of land revenue collected in the Civil Department	71,945	29,45,406	(5) Special tools and plant	..	549
Total, Public Works and Civil Departments, Revenue	6,22,308	2,70,36,324	<i>Add</i> —Unclassifiable outlay	..	23,236
			Total	99,373	39,31,518
			III. COMPENSATION	..	7,390
			Total, Extensions and Improvements and Maintenance and Repairs	1,09,199	44,18,666
			IV. ESTABLISHMENT	46,131	20,63,601
			V. TOOLS AND PLANT	251	37,871
			VI. REFUNDS OF REVENUE	..	1,907
			Total, Direct Charges	1,49,581	65,22,045
			Share of collection charges in the Civil Department	29,865	13,58,200
			Indirect charges	1,445	2,87,172
			Total, Direct and Indirect Charges.	1,80,891	81,67,417

ADMINISTRATIVE ACCOUNTS
FOR THE YEAR 1936-1937.

Total, Receipts ..	RS.		RS.	
	6,22,308	2,70,36,324	40,772	25,25,716
			1,40,119	56,41,701
			4,82,189	2,13,94,623
* Direct—			6,22,308	2,70,36,324
Extensions and improvements	..	..	..	..
Maintenance and repairs	..	..	..	..
Establishment	..	..	..	..
Tools and plant	..	..	..	..
Indirect	..	..	..	..
			40,772	25,25,716
			1,40,119	56,41,701
			4,82,189	2,13,94,623
			6,22,308	2,70,36,324
* <i>Detuct</i> —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	..	..	..	..
			40,476	25,744
			296	10,751
			40,772	36,495
			1,40,119	56,41,701
			4,82,189	2,13,94,623
			6,22,308	2,70,36,324
Total, Direct and Indir ct.			40,772	25,25,716

IRRIGATION BRANCH.

PUBLIC WORKS DEPARTMENT.

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

No. 4.—Interest Account for and to end of 1936-1937.

Particulars.	Amount. RS.	Net revenue realized to end of 1934-1935	Net revenue realized during 1935-1936	Amount. RS.
Total interest charges to end of 1935-1936	1,09,67,177	.. .. .	.. .. .	2,09,12,434
Total interest charges for the year 1936-1937	1,97,885 *	.. .. .	.. .. .	4,82,189
Balance, net revenue	1,02,29,561	.. .. .	.. .. .	.. .. .
Total	2,13,94,623	.. .. .	.. .. .	2,13,94,623
* Interest at 3.3252 per cent on the outlay to end of 1916-1917. Interest at 4.85 per cent on the outlay of Rs. 1,77,121 from 1917-1918 to end of 1935-1936 plus half the outlay during 1936-1937	1,89,295	.. .. .	.. .. .	.. .. .
Total	1,97,885	.. .. .	.. .. .	.. .. .

No. 5.—Account of Indirect Charges for and to end of 1936-1937.

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	171	1,197
Total	171	10,15,621
REVENUE—		
Capitalization of abatement of land revenue	413	33,353
Leave and pension allowances .. .. .	.. .. .	2,36,951
Audit and accounts	1,032	16,868
Total	1,445	2,87,172
Grand Total	1,616	13,02,793

ADMINISTRATIVE ACCOUNTS
FOR THE YEAR 1936-1937.

MADRAS PRESIDENCY.

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.	
Direct Charges.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
Works	37,49,097	9,39,744	46,88,841	51,259	1,82,160	1,30,901	47,40,100
Establishment	8,05,532	1,76,106	9,81,638	17,861	50,690	32,829	9,99,499
Tools and plant	1,42,971	1,882	1,44,853	133	3,637	3,504	1,44,786
Suspense account .. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .
Total	46,97,600	11,17,532	58,15,132	69,253	2,36,487	1,67,234	58,84,385
Less—Receipts on Capital Account	53	2,803	2,856	.. .. .	.. .. .	.. .. .	2,858
Net Total	46,97,545	11,14,729	58,12,274	69,253	2,36,487	1,67,234	58,81,527
Indirect Charges.							
Capitalized statement of land revenue	7,99,748	57,019	8,56,767	.. .. .	1,110	1,110	8,56,767
Leave and pension allowances	1,35,090	22,567	1,57,657	.. .. .	1,819	1,306	1,57,657
Audit and accounts .. .. .	.. .. .	684	684	513	2,929	2,416	1,197
Total	9,34,838	80,270	10,15,108	513	2,929	2,416	10,15,621
Grand Total	56,32,383	11,94,999	68,27,382	69,766	2,39,416	1,69,650	68,97,148

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

ARKENKOTA CHANNEL—*Canal Project*.

No. 2.—Capital Account for and to end of 1936–1937.

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

ARKENKOTA CHANNEL—*Canal Project*—cont.
No. 3.—Revenue Account for and to end of 1936–1937.

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	234	3,166	(1) Head works	..	1,130
Receipts from other canal produce	..	..	(2) Main canals and branches	2,449	39,629
Fines	..	751	(3) Distributaries	..	882
Miscellaneous	2	1	(4) Drainage and protective works	..	..
			(5) Special tools and plant	..	..
			<i>Add</i> —Unclassifiable outlay	..	11,475
			Total	2,449	53,116
Total, Revenue realized in Public Works Department ..	236	9,514	II. MAINTENANCE AND REPAIRS—		
Irrigation Revenue realized in Civil Department	19,873	9,04,960	(1) Head works	..	4,366
			(2) Main canals and branches	6,396	1,81,204
			(3) Distributaries	..	2,514
			(4) Drainage and protective works	..	..
			(5) Special tools and plant	..	..
			<i>Add</i> —Unclassifiable outlay	..	1,73,223
			Total	6,396	3,61,307
Total, Direct Receipts ..	20,109	9,14,504	Total, Extensions and Improvements and Maintenance and Repairs	8,845	4,14,423
			IV. ESTABLISHMENT	2,728	1,02,363
			V. TOOLS AND PLANT	49	1,708
			VI. REFUNDS OF REVENUE	..	43
			<i>Deduct</i> —Recoveries on Revenue Account.	..	5
			Total, Direct Charges	11,622	5,19,032

ARKENKOTA CHANNEL—Canal Project—cont.
No. 3.—Revenue Account for and to end of 1936-1937—cont.

Receipts.	TOTAL.		Charges.	
	During the year. RS.	To end of the year. RS.		
II. INDIRECT RECEIPTS—				
Share of Land Revenue collected in the Civil Department.	428	26,093	Share of collection charges in the Civil Department .. .. .	.. .. .
Total, Public Works and Civil Departments, Revenue ..	20,537	9,40,597	Indirect Charges .. .. .	.. .. .
			Total, Direct and Indirect charges ..	.. .. .
			Deduct—Old maintenance charge saved to Government * .. .. .	.. .. .
			Balance, net revenue	Net Total ..
Total, Receipts ..	20,537	9,40,597	Grand Total ..	.. .. .
				RS.
* Direct—				793
Extensions and improvements ..	..	..		..
Maintenance and repairs ..	..	..		..
Establishment ..	..	..		..
Tools and plant ..	..	..		..
Indirect	..	..	Total, Direct ..	1,146
			Total, Direct and Indirect ..	1,155

TOTAL.		To end of the year. RS.
During the year. RS.		
1,015	40,553	
88	12,022	
12,725	5,77,607	
1,155	29,301	
11,570	5,48,376	
8,967	3,92,291	
20,537	9,40,597	

ARKENKOTA CHANNEL—Canal Project—cont.

No. 4.—Interest Account for and to end of 1936-1937.

	Amount. RS.		Amount. RS.
Total interest charges to end of 1935-1936	2,97,820	Net revenue realized to end of 1935-1936	3,83,324
Total interest charges for the year 1936-1937	4,681	Net revenue realized during 1936-1937	8,967
Balance, net revenue	89,790		
Total ..	3,92,291	Total ..	3,92,291
Interest at 3'3252 per cent on the outlay to end of 1916-1917.	4,681		
Interest at 4'85 per cent on the outlay of Rs. nil from 1917-1918 to end of 1935-1936 plus half the outlay during 1936-1937	..		
Total ..	4,681		

No. 5.—Account of Indirect Charges for and to end of 1936-1937.

Particulars.	During the year. RS.	To end of the year. RS.
CAPITAL—		
Leave and pension allowances	..	3,676
Total ..	..	3,676
REVENUE—		
Leave and pension allowances	..	10,825
Audit and accounts	88	1,197
Total ..	88	12,022
Grand Total ..	88	15,698

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.	
	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.

TIRUKKOYLUR ANICUT SYSTEM—Canal Project.

No. 2.—Capital Account for and to end of 1935-1937.

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

TIRUKKOYLUR ANICUT SYSTEM—Canal Project—cont.
No. 3.—Revenue Account for and to end of 1936-1937.

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	..	756	(1) Head works	132	5,385
5. Receipts from plantations ..	947	41,298	(2) Main canals and branches ..	1,195	59,988
6. Receipts from other canal produce	109	7,116	(3) Distributaries	424	59,197
9. Rents of buildings	38	857	(4) Drainage and protective works ..	..	20,015
Fines	..	2	(5) Special tools and plant	..	..
11. Miscellaneous	12	914	Total ..	1,751	1,45,085
Recoveries of expenditure ..	..	121	II. MAINTENANCE AND REPAIRS—		
Deduct—Refunds	26	685	(1) Head works	1,357	1,01,368
Total, Revenue realized in Public Works Department.	1,080	50,379	(2) Main canals and branches ..	7,177	3,33,347
Irrigation Revenue realized in Civil Department	74,203	28,23,393	(3) Distributaries	10,473	2,59,409
Total, Direct Receipts	75,233	28,73,772	(4) Drainage and protective works ..	..	8,680
			(5) Special tools and plant	..	..
II. INDIRECT RECEIPTS—			Add—Unclassifiable outlay	..	1,95,063
Share of Land Revenue collected in the Civil Department.	3,369	2,11,853	Total ..	19,007	8,98,367
Total, Public Works and Civil Departments, Revenue ..	78,652	30,90,625	Total, Extensions and Improvements and Maintenance and Repairs	20,758	10,43,452
			IV. ESTABLISHMENT	10,798	3,26,972
			V. TOOLS AND PLANT	75	3,130
			VI. REFUNDS OF REVENUE	..	03
			Deduct—Recoveries on Revenue account	..	194
			Total, Direct Charges	31,571	13,73,683

Share of collection charges in the Civil Department		3,879	1,52,012
Indirect Charges		219	35,868
Total, Direct and Indirect Charges ..		35,669	15,61,543
Deduct—Old maintenance charges saved to Government		7,164	1,67,021
Net Total		28,505	13,94,522
Balances, net revenue		50,147	16,96,103
Grand Total		78,652	30,90,625
Total, Receipts			
Direct—		78,652	30,90,625
Extensions and improvements		..	..
Maintenance and repairs		..	..
Establishment		..	..
Tools and plant		..	..
Total, Direct		..	7,115
Indirect		..	49
Total, Direct and Indirect		..	1,164

TIRUKKOYLUR ANICUT SYSTEM—Canal Project—cont.

No. 4.—Interest Account for and to end of 1936-1937.

Particulars.	Amount. RS.	Particulars.	Amount. RS.
Total interest charges to end of 1935-1936	7,19,542	Net revenue realized to end of 1935-1936	16,45,956
* Total interest charges for the year 1936-1937	13,233	Net revenue realized .. during 1936-1937	50,147
Balance, net revenue	9,63,278		
Total	16,96,103	Total	16,96,103
* Interest at 3·3252 per cent on the outlay to end of 1916-1917. Interest at 4·85 per cent on the outlay of Rs. 22,429 from 1917-1918 to end of 1935-1936 plus half the outlay during 1936-1937	12,195		
	1,088		
Total	13,283		

No. 5.—Account of Indirect Charges for and to end of 1936-1937.

Particulars.	During the year. RS.	To end of the year. 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	12	439
Leave and pension allowances	..	32,094
Audit and accounts	207	3,335
Total	219	35,868
Grand Total	219	45,869

TIRUKKOYLUR 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.	
Direct Charges.	RS.	RS.	RS.				
Work	2,01,591	1,16,784	3,18,375	..	..	..	3,18,375
Establishment	46,361	24,343	70,709	..	..	..	70,709
Tools and plant	..	105	105	..	..	..	105
Graspense 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
Indirect Charges.							
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 1895.

SHATIATOPE ANICUT SYSTEM—Canal Project.

No. 2.—Capital Account for and to end of 1936-1937.

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	172	4,248	4,248
(5) Special tools and plant	..	..	..
Total works	172	9,02,962	9,02,962
II. ESTABLISHMENT	75	1,26,043	1,26,043
III. TOOLS AND PLANT	1	659	659
Total outlay in India and England	248	10,29,666	10,29,664

SHATIATOPE ANICUT SYSTEM—Canal Project—cont.

No. 3.—Revenue Account for and to end of 1936-1937.

Receipts.	TOTAL.		Charges.	TOTAL.	To end of the year.	RS.
	During the year.	To end of the year.				
	RS.	RS.			RS.	RS.
I. DIRECT RECEIPTS—			I. EXTENSIONS AND IMPROVEMENTS—			
5. Receipts from Plantations.	368	20,186	(1) Head works	197	9,679	
6. Receipts from other canal produce	39	6,993	(2) Main canals and branches	304	54,005	
8. Navigation receipts	4	4	(3) Distributaries	..	29,956	
9. Rents of buildings	148	3,083	(4) Drainage and protective works	..	849	
10. Fines	..	..	(5) Special tools and plant	..	21,316	
11. Miscellaneous	..	2,072	Add—Unclassifiable outlay	107	1,15,805	
Recoveries of expenditure	75	307	II. MAINTENANCE AND REPAIRS—			
Deduct—Refunds	23	449	(1) Head works	4,080	1,40,247	
			(2) Main canals and branches	10,049	4,03,049	
			(3) Distributaries	5,836	1,94,885	
			(4) Drainage and protective works	15	2,970	
			(5) Special tools and plant	..	..	
			Add—Unclassifiable	..	2,87,678	
			Total	19,980	10,28,829	
Total, Revenue realized in Public Works Department	612	32,200	Total, Extensions and Improvements and Maintenance and Repairs	19,873	11,44,684	
Irrigation revenue realized in Civil Department	1,52,329	62,54,974	IV. ESTABLISHMENT	12,293	4,02,026	
			V. TOOLS AND PLANT	72	3,673	
			VI. REFUNDS OF REVENUE	..	249	
Total, Direct Receipts	1,52,941	62,87,174	Deduct—Recoveries on Revenue account.	..	359	
			Total, Direct Charges	32,238	15,50,223	
II. INDIRECT RECEIPTS—			Share of collection charges in the Civil Department	8,468	3,80,226	
Share of land revenue collected in the Civil Department.	17,031	13,49,594	Indirect charges	199	44,676	

SHATIATOPE ANICUT SYSTEM—Canal Project—cont.
No. 3.—Revenue Account for and to end of 1936-1937—cont.

Receipts.	TOTAL.		Charges.	
	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 ..	1,69,972	76,36,768	Total, Direct and Indirect Charges Deduct—Old maintenance charges saved to Government *	19,75,125
			Net Total	55,669
			Balance, net revenue	19,19,456
Total, Receipts:	1,69,972	76,36,768	Grand Total	57,17,312
				76,36,768
* Direct—				
Extensions and improvements .. ..			.. ..	64
Maintenance and repairs .. ..			.. ..	1,580
Establishment .. ..			.. ..	721
Tools and plant .. ..			.. ..	6
Indirect			Total, Direct	2,371
			.. ..	17
			Total, Direct and Indirect	2,388

SHATIATOPE ANICUT SYSTEM—Canal Project—cont.

No. 4.—Interest Account for and to end of 1936-1937.

	Amount. RS.		Amount. RS.
Total interest charges to end of 1935-1936	10,63,166	Net revenue realized to end of 1935-1936	55,85,857
* Total interest charges for the year 1936-1937	35,977	Net revenue realized during 1936-1937	1,31,455
Balance, net revenue	46,18,169		
Total	57,17,312	Total	57,17,312
* Interest at 3.3252 per cent on the outlay to end of 1916-1917.			
Interest at 4.63 per cent on the outlay of Rs. 1,14,296 from 1917-1918 to end of 1935-1936 plus half the outlay during 1936-1937	30,434		
Total	5,543		
Total	35,977		

No. 5.—Account of Indirect Charges for and to end of 1936-1937.

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	925
Total .. ..	.. ..	2	59,673
REVENUE—			
Capitalized abatement of land revenue .. ..	.. ..	.. ..	685
Leave and pension allowances .. ..	.. ..	.. ..	40,369
Audit and accounts .. ..	.. ..	199	3,622
Total .. ..	.. ..	199	44,676
Grand Total .. ..	.. ..	201	1,04,349

SHATIATOPE 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	7,93,780	9,02,962	..	..	..	9,02,962
Establishment ..	24,702	1,01,341	1,26,043	..	..	..	1,26,043
Tools and plant ..	..	659	659	..	..	..	659
Suspense account ..	..	..	..	..	..	..	..
Total ..	1,33,884	8,95,780	10,29,664	..	..	..	10,29,664
<i>Less—Receipts on Capital account ..</i>	..	..	..	..	..	..	..
Net Total ..	1,33,884	8,95,780	10,29,664	..	..	..	10,29,664
<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 ..	..	925	925	..	..	..	925
Total ..	3,457	56,216	59,673	..	..	..	59,673
Grand Total ..	1,37,341	9,51,996	10,89,337	..	..	..	10,89,337

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

ADMINISTRATIVE ACCOUNTS
FOR THE YEAR 1936-1937.

CHEYYAR ANICUT SYSTEM—Canal Project.
No. 2.—Capital Account for and to end of 1936-1937.

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	2,84,626
(3) <i>Distributaries</i> ..	1,406	78,677	78,677
(6) <i>Special Tools and Plant</i> ..	..	..	..
Total, Works ..	1,406	4,20,133	4,20,163
II. ESTABLISHMENT ..	389	1,03,941	1,03,941
III. TOOLS AND PLANT ..	8	744	744
IV. LESS RECEIPTS ON CAPITAL ACCOUNT ..	..	50	50
Net outlay in India and Eng-land ..	1,803	5,24,798	5,24,798

CHEYYAR ANICUT SYSTEM—Canal Project—cont.
No. 3.—Revenue Account for and to end of 1936-1937.

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 plantation ..	112	15,836	(1) Head works ..	..	12,303
6. Receipts from other canal produce ..	19	..	(2) Main canals and branches ..	..	25,188
9. Rents of buildings ..	198	11,503	(3) Distributaries ..	330	1,09,596
11. Miscellaneous ..	850	..	(4) Drainage and protective works ..	..	1,919
Recoveries of expenditure ..	..	..	(5) Special tools and plant ..	..	..
Deduct—Refunds ..	..	33	Add—Unclassifiable outlay ..	..	39,441
Total, Revenue realized to Public Works Department.	1,179	43,391	II. MAINTENANCE AND REPAIRS—		
Irrigation Revenue realized in Civil Department ..	64,127	30,61,127	(1) Head works ..	330	1,88,447
			(2) Main canals and branches ..	1,171	69,910
			(3) Distributaries ..	3,968	2,06,012
			(4) Drainage and protective works ..	21,648	9,26,987
			(5) Special tools and plant ..	..	13,489
			Add—Unclassifiable outlay ..	..	..
			Total ..	26,787	2,78,001
			Total, Extensions and Improvements and Maintenance and Repairs ..	27,117	16,82,853
			IV. ESTABLISHMENT ..	8,397	4,65,859
			V. TOOLS AND PLANT ..	148	8,011
			VI. REFUNDS OF REVENUE ..	..	832
			Deduct—Recoveries on Revenue account.	..	9
Total, Direct Receipts ..	65,306	31,04,518	Total, Direct Charges ..	35,662	21,57,546

ADMINISTRATIVE ACCOUNTS
FOR THE YEAR 1936-1937.

I. INDIRECT RECEIPTS—					
Share of land revenue collected in the Civil Department ..	4,735	2,64,588	Share of collection charges in the Civil Department ..	3,371	1,65,458
Total, Public Works and Civil Departments, Revenue ..	70,041	33,69,106	Indirect charges ..	271	52,900
			Total, Direct and Indirect Charges ..	39,304	23,75,904
			* Deduct—Old maintenance charges saved to Government ..	4,143	1,06,024
			Net Total ..	35,161	22,69,880
			Balance, net revenue ..	34,880	10,91,226
			Grand Total ..	70,041	33,69,106
Total, Receipts ..	70,041	33,69,106			
* Direct—					
Extensions and improvements ..	..	..	RS.		
Maintenance and repairs ..	..	..	..	..	2,566
Establishment ..	..	..	..	..	640
Tools and plant ..	..	..	..	..	887
Indirect ..	..	..	..	..	18
			Total, Direct ..	..	4,111
			..	..	32
			Total, Direct and Indirect ..	..	4,143

CHEYYAR ANICUT SYSTEM—Canal Project—cont.

No. 4.—Interest Account for and to end of 1936–1937.

	Amount.		Amount.
	RS.		RS.
Total interest charges to end of 1935–1936	9,50,507	Net revenue realized to end of 1935–1936	10,64,346
*Total interest charges for the year 1936–1937	18,918	Net revenue realized .. during 1936–1937	34,880
Balance, net revenue	1,29,801		
Total	10,99,226	Total	10,99,226
*Interest at 3'3252 per cent on the outlay to end of 1916–1917	14,156		
Interest at 4'85 per cent on the outlay of Rs. 98,191 from 1917–1918 to end of 1935–1936 plus half the outlay during 1936–1937	4,762		
Total	18,918		

No. 5.—Account of Indirect Charges for and to end of 1936–1937.

Particulars.	During the year.	To end of the year.
	RS.	RS.
CAPITAL—		
Capitalization of abatement of land revenue	..	744
Leave and pension allowances	..	13,948
Audit and accounts	14	509
Total	14	15,201
REVENUE—		
Leave and pension allowances	..	45,944
Audit and accounts	271	6,956
Total	271	52,900
Grand Total	285	68,101

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.	
	RS.	RS.	RS.				RS.
Direct charges.							
Works	3,20,865	99,298	4,20,163	..	..	..	4,20,163
Establishment	73,542	30,399	1,03,941	..	..	..	1,03,941
Tools and plant	..	744	744	..	..	..	744
Suspense account	..	..	..	..	..	..	..
Total	3,94,407	1,30,441	5,24,848	..	..	..	5,24,848
Less—Receipts on capital account	..	50	50	..	..	..	50
Net total	3,94,407	1,30,391	5,24,798	..	..	..	5,24,798
Indirect charges.							
Capitalized abatement of land revenue	744	..	744	..	..	..	744
Leave and pension allowances	10,296	3,652	13,948	..	..	..	13,948
Audit and accounts	..	509	509	..	..	..	509
Total	11,040	4,161	15,201	..	..	..	15,201
Grand Total	4,05,447	1,34,552	5,39,999	..	..	..	5,39,999

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 1936–1937.

[Vide 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 1936–1937.

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 ..	..	122	(3) Distributaries ..	..	6,397
Public Works Department ..	..	2,86,425	(4) Drainage and protective works ..	..	..
Irrigation Revenue realized in ..	8,487	..	(5) Special tools and plant ..	..	7,186
Civil Department ..	..	..	Add—Unclassifiable outlay ..	..	17,622
			Total ..	..	..
			II. MAINTENANCE AND REPAIRS—		
			(1) Head works ..	53	8,185
			(2) Main canals and branches ..	854	32,765
			(3) Distributaries ..	981	33,025
			(4) Drainage and protective works ..	..	1,047
			(5) Special tools and plant ..	..	..
			Add—Unclassifiable outlay ..	..	24,128
			Total ..	1,888	99,150
Total, Direct Receipts ..	8,487	2,86,547	Total, Extensions and Improvements and Maintenance and Repairs ..	1,888	1,16,772

CUMBUM TANK—*Tank Project*—cont.
No. 3.—Revenue Accounts for and to end of 1936-1937—cont.

Receipts.	TOTAL.		Charges
	During the year. RS.	To end of the year. RS.	
I. INDIRECT RECEIPTS—			
Share of land revenue collected in the Civil Department ..	461	28,316	IV. ESTABLISHMENT
Total, Public Works and Civil Departments—Revenue ..	8,948	3,14,863	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
			(a) <i>Deduct</i> —Old maintenance charges saved to Government
			Balance, net revenue
Total, Receipts ..	8,948	3,14,863	Net Total
			Grand Total
			RS.
(a) Extensions and Improvements			793
Maintenance and repairs			169
Establishment			2
Tools and plant			964
Indirect charges			8
			Total, Direct and Indirect charges
			972

CUMBUM TANK—*Tank Project*—cont.

No. 4.—Interest Account for and to end of 1936-1937.

NO. 4.—Interest 1936-1937

	Amount. RS.		Amount. RS.
Total interest charges to end of 1935-1936	1,41,147	Net revenue realized to end of 1935-1936	1,73,175
Total interest charges for the year 1936-1937	* 2,793	Net revenue realized during 1936-1937	7,055
Balance, net revenue	36,290		
Total ..	1,80,230	Total ..	1,80,230
* Interest at 3·3252 per cent on the outlay to end of 1916-1917 ..	2,793		
Interest at 4·85 per cent on the outlay of Rs. nil from 1917-1918 to end of 1935-1936 plus half the outlay during 1936-1937	..		
Total ..	2,793		

No. 5.—Account of Indirect Charges for and to end of 1936-1937.

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	19	296
Total ..	19	7,006
Grand Total ..	19	9,394

POINEY ANICUT SYSTEM—*Canal Project.*

No. 2.—Capital Account for and to end of 1936-1937.

[Vide details on page 92 of the Administrative Accounts
for 1934-1935].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. 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 ..	37,314	31,387	68,701	..	..	..	68,701
Establishment ..	8,495	6,739	15,234	..	..	..	15,234
Tools and plant ..	..	..	..	..	..	..	..
Suspense account ..	..	..	..	..	..	..	..
Total ..	45,809	38,176	83,985	..	..	..	83,985
<i>Less—Receipts on Capital Account ..</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.

PUBLIC WORKS DEPARTMENT.

POINEY ANICUT SYSTEM—Canal Project—cont.
No. 3.—Revenue Account for and to end of 1936-1937.

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.		RS.	RS.
5. Receipts from plantations ..	126	5,177	I. EXTENSIONS AND IMPROVEMENTS—		
6. Receipts from other canal produce	28	9,297	(1) Head works		7,548
9. Rents of buildings	25	1,822	(2) Main canals and branches		23,875
11. Miscellaneous	7	4,597	(3) Distributaries	663	51,248
Recoveries of expenditure		872	(4) Drainage and protective works		49,029
Deduct—Refunds		7	(5) Special tools and plant		..
Total, Revenue realized in Public Works Department	186	21,753	Total	663	1,31,700
Irrigation Revenue realized in Civil Department	36,553	31,23,625	II. MAINTENANCE AND REPAIRS—		
Total, Direct Receipts	36,739	31,45,383	(1) Head works	5,633	1,19,260
			(2) Main canals and branches	9,875	1,24,989
			(3) Distributaries	20,109	4,21,620
			(4) Drainage and protective works		..
			(5) Special tools and plant		..
			Add—Unclassifiable outlay		2,76,594
			Total	35,617	9,42,463
			Total, Extensions and Improvements and Maintenance and Repairs	36,289	10,74,163
			IV. ESTABLISHMENT	10,862	3,14,579
			V. TOOLS AND PLANT	199	4,418
			VI. REFUNDS OF REVENUE		461
			Deduct—Recoveries on Revenue account.		5
			Total, Direct charges	47,341	13,93,616
			Share of collection charges in the Civil Department	2,099	1,74,202
			Indirect charges	363	37,189

II. INDIRECT RECEIPTS—
Share of Land Revenue collected in the Civil DepartmentADMINISTRATIVE ACCOUNTS
FOR THE YEAR 1936-1937.

Total, Public Works and Civil Departments, Revenue ..	42,227	35,07,523	Total, Direct and Indirect Charges ..	49,803	16,05,007
			* Deduct—Old maintenance charges saved to Government	4,036	1,03,273
			Balance, net revenue	46,767	15,01,734
			Net Total	— 3,540	20,05,739
			Grand Total	42,227	35,07,523
Total, Receipts]	42,227	35,07,523			
* Direct—					
Extensions and Improvements					RS. 3,057
Maintenance and repairs					66
Establishment					865
Tools and plant					17
Indirect			Total, Direct		4,005
			Total, Direct and Indirect		31
			Total, Direct and Indirect		4,036

POINEY ANICUT SYSTEM—*Canal Project*—cont.

No. 4.—Interest Account for and to end of 1936-1937.

	Amount.		Amount.
	RS.		RS.
Total interest charges to end of 1935-1936	6,19,270	Net revenue realized to end of 1935-1936	20,09,329
* Total interest charges for the year 1936-1937	10,685	Net revenue during 1936-1937	— 3,540
Balance, net revenue	13,75,834		
Total	20,05,789	Total	20,05,789
	RS.		RS.
* Interest at 3.3252 per cent on the outlay to end of 1916-1917	7,909		
Interest at 4.85 per cent on the outlay of Rs. 57,247 from 1917-1918 to end of 1935-1936 plus half the outlay during 1936-1937	2,776		
Total	10,685		

No. 5.—Account of Indirect Charges for and to end of 1936-1937.

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	363	3,645
Total	363	37,189
Grand Total	363	46,001

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	18,387	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 1937.

PERIYAR SYSTEM—*Tank Project.*

No. 2.—Capital Account for and to end of 1936-1937.

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

PERIYAR SYSTEM—Tank Project—cont.

No. 3.—Revenue Account for and to end of 1936-1937.

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	1	454	I. EXTENSIONS AND IMPROVEMENTS—		
4. Water-supply of towns ..	..	4,373	(1) Head works	694	6,98,628
5. Receipts from plantations.	2,566	84,950	(2) Main canals and branches ..	15,338	1,19,132
6. Receipts from other canal produce	4,189	2,30,556	(3) Distributaries	10,938	3,17,928
8. Receipts from navigation.	328	19,005	(4) Drainage and protective works ..	..	16,984
9. Rents of buildings ..	1,572	31,756	(5) Special tools and plant	..	83
10. Fines	..	841	Total	25,892	11,52,755
11. Miscellaneous	116	61,101	II. MAINTENANCE AND REPAIRS—		
Recoveries of expenditure.	1,250	4,514	(1) Head works	8,100	5,24,578
Deduct—Refunds	57	40,805	(2) Main canals and branches ..	43,939	10,86,359
Total Revenue realized in the Public Works Department ..	9,965	3,96,745	(3) Distributaries	36,263	10,47,555
			(4) Drainage and protective works ..	..	85,383
			(5) Special tools and plant	..	15,102
			Total	88,296	27,58,977
			III. COMPENSATION		
			Total	42,965	17,34,593
			Total, Extensions and Improvements and Maintenance and Repairs	1,56,843	56,46,325
			IV. ESTABLISHMENT		
			Total	67,661	21,45,940
			V. TOOLS AND PLANT		
			Total	72	86,484
			VI. REFUNDS OF REVENUE		
			Total	..	2,619
			Deduct—Recoveries or Revenue account..		
			Total, Direct Charges	2,24,576	78,81,274

PERIYAR SYSTEM—*Tank Project*—cont.
No. 3.—Revenue Account for and to end of 1936-1937—cont.

Receipts	TOTAL.		Charges.	RS.
	During the year. RS.	To end of the year. RS.		
I. INDIRECT RECEIPTS—				
Share of land revenue collected in the Civil Department ..	94,841	22,07,500	Share of collection charges in the Civil Department ..	40,868
Total, Public Works and Civil Departments, Revenue ..	9,01,844	2,68,94,970	Indirect charges ..	2,142
Total, Receipts ..	9,01,844	2,68,94,970	Total, Direct and Indirect Charges ..	2,67,586
			Deduct—Old maintenance charges saved to Government ..	35,844
			Balance, net revenue ..	2,31,742
			Grand Total ..	6,70,102
				9,01,844
				2,68,94,970

* Direct—
Extensions and improvements .. 4,474
Maintenance and repairs .. 21,422
Establishment .. 9,677
Tools and plant .. 12

Indirect 35,585
Total, Direct and Indirect .. 35,844

PERIYAR SYSTEM—*Tank Project*—cont.

No. 4.—Interest Account for and to end of 1936-1937.

	Amount.			Amount.	
	RS.			RS.	
Total interest charges to end of 1935-1936	1,51,03,836		Net revenue realized to end of 1935-1936	1,81,53,839	
Total interest charges for the year 1936-1937	3,50,570*		Net revenue realized during 1936-1937	6,70,102	
Balance, net revenue	33,69,535				
Total ..	1,88,23,941		Total ..	1,88,23,941	
* Interest at 3.3252 per cent on the outlay to end of 1916-1917 .. 3,42,301					
Interest at 4.85 per cent on the outlay of Rs. 1,70,487 from 1917-1918 to end of 1935-1936 plus half the outlay during 1936-1937 8,269					
Total ..	3,50,570				

No. 5.—Account of Indirect Charges for and to end of 1936-1937.

Particulars.	During the year.	To end of the year.
	RS.	RS.
CAPITAL—		
Capitalization of abatement of land revenue ..	..	1,36,468
Leave and pension allowances	..	2,33,396
Audit and accounts	..	1,163
Total ..	..	3,71,027
REVENUE—		
Capitalization of abatement of land revenue ..	574	27,481
Leave and pension allowances	..	1,79,762
Audit and accounts	1,568	31,469
Total ..	2,142	2,38,712
Grand Total ..	2,142	6,09,739

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.	Total.	Charges to date.	Amount of sanctioned estimate.	Unspent balance of estimate.	
	RS.	RS.	RS.				RS.
<i>Direct Charges.</i>							
Works ..	60,69,752	19,53,551	80,23,303	..	..	..	80,23,303
Establishment ..	13,46,177	3,44,551	16,90,738	..	..	..	16,90,738
Tools and plant ..	7,23,291	33,606	7,66,897	..	..	..	7,66,897
Suspense account ..	..	..	..	..	..	..	..
Total ..	81,44,220	23,41,718	1,04,85,938	..	..	..	1,04,85,938
<i>Less—Receipts on Capital Account ..</i>	14,203	7,108	21,311	..	..	..	21,311
Net Total ..	81,30,017	23,34,610	1,04,64,627	..	..	..	1,04,64,627
<i>Indirect Charges.</i>							
Capitalized abatement of land revenue ..	34,661	1,01,807	1,36,468	..	..	..	1,36,468
Leave and pension allowances ..	1,88,466	44,930	2,33,396	..	..	..	2,33,396
Audit and accounts ..	..	1,163	1,163	..	..	..	1,163
Total ..	2,23,127	1,47,900	3,71,027	..	..	..	3,71,027
Grand Total ..	83,53,144	24,82,510	1,08,35,654	..	..	..	1,08,35,654

(The construction estimate of the project was closed on 31st March 1897 and the completion report approved in G.O. No. 863 I., dated 8th September 1903.)

KISTNA DELTA SYSTEM—Canal Project.

No. 2.—Capital Account for and to end of 1936-1937.

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 ..	4,57,072	63,40,889	66,24,323
(3) Distributaries ..	4,21,955	32,93,324	46,32,225
(4) Drainage and protective works ..	98,819	33,71,608	35,97,131
(5) Water courses ..	1,13,279	1,58,164	3,75,974
(6) Special tools and plant. Old outlay ..	..	30,81,755	30,81,755
Total, Works ..	10,91,125	1,74,42,247	1,95,07,915
II. ESTABLISHMENT ..	2,04,585	39,50,664	42,92,005
III. TOOLS AND PLANT ..	1,839	7,31,053	8,22,498
IV. SUSPENSE ..	206	..	..
V. <i>Less—RECEIPTS ON CAPITAL ACCOUNT</i> ..	2,562	28,218	28,218
Net outlay in India and England.	12,95,193	2,20,95,746	2,45,94,200

KISTNA DELTA SYSTEM—Canal Project—cont.
No. 3.—Revenue Account for and to end of 1936-1937.

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	3,443	54,447	(1) Head works	6,490	1,81,714
4. Water-supply of towns ..	5,311	90,798	(2) Main canals and branches ..	18,613	7,77,468
5. Receipts from plantations.	4,193	4,31,372	(3) Distributaries	27,974	7,67,721
6. Receipts from other canal produce	40,999	13,99,314	(4) Drainage and protective works ..	2,431	3,86,743
7. Water power	..	1,281	(5) Special tools and plant	..	19,664
8. Navigation receipts	1,43,336	35,51,920	Total	55,513	21,33,310
9. Rents of buildings	3,281	1,11,762	II. MAINTENANCE AND REPAIRS—		
10. Fines	..	931	(1) Head works	25,669	17,53,084
11. Miscellaneous	2,255	1,50,373	(2) Main canals and branches ..	3,35,045	1,08,62,911
Recoveries of expenditure.	694	13,071	(3) Distributaries	1,10,863	52,70,441
Deduct—Refunds	1,161	13,039	(4) Drainage and protective works ..	82,801	18,35,975
			(5) Special tools and plant	..	2,30,755
			Add—Unclassifiable outlay	..	9,10,934
Total Revenue realized in the Public Works Department ..	2,05,351	57,91,330	Total	5,54,378	2,08,63,700
II. INDIRECT RECEIPTS—			Total, Extensions and Improvements and Maintenance and Repairs ..	6,09,891	2,29,97,010
Share of land revenue collected in the Civil Department	43,18,611	17,02,80,302	IV. ESTABLISHMENT	3,18,464	1,35,15,866
Total, Direct Receipts.	45,23,962	17,60,71,632	V. TOOLS AND PLANT	1,456	19,43,266
III. INDIRECT RECEIPTS—			VI. REFUNDS OF REVENUE	..	25,907
Share of land revenue collected in the Civil Department ..	1,89,057	1,05,22,409	Deduct—Recoveries on Revenue Account ..	..	4,984
Total, Public Works and Civil Departments—Revenue	47,13,019	18,65,94,041	Total, Direct Charges	9,29,811	3,84,77,065
Total, Receipts	47,13,019	18,65,94,041	Share of collection charges in the Civil Department	2,21,801	93,52,398
			Indirect charges	6,099	16,38,305
			Total, Direct and Indirect Charges ..	11,57,711	4,94,67,768
			Balance, net revenue	35,55,308	13,71,26,273
			Grand Total	47,13,019	18,65,94,041

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IRRIGATION BRANCH.

PUBLIC WORKS DEPARTMENT.

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ADMINISTRATIVE ACCOUNTS
FOR THE YEAR 1936-1937.

MADRAS PRESIDENCY.

KISTNA DELTA SYSTEM—Canal Project—cont.

No. 4.—Interest Account for and to end of 1936-1937.

	Amount. RS.		Amount. RS.
Total interest charges to end of 1935-1936	3,09,52,005	Net revenue realized to end of 1935-1936	13,35,70,965
* Total interest charges for the year 1936-1937	8,07,612	Net revenue realized during 1936-1937	35,55,308
Balance, net revenue	10,53,66,656		
Total	13,71,26,273	Total	13,71,26,273
* Interest at 3.3252 per cent on the outlay to end of 1916-1917.	5,07,291		
Interest at 4.85 per cent on the outlay of Rs. 61,92,181 from 1917-1918 to end of 1935-1936 plus half the outlay during 1936-1937	3,00,321		
Total	8,07,612		

No. 5.—Account of Indirect Charges for and to end of 1936-37.

Particulars.	During the year. RS.	To end of the year. RS.
CAPITAL—		
Capitalization of abatement of land revenue ..	12,616	6,45,758
Leave and pension allowances	..	5,03,855
Audit and Accounts	10,911	52,765
Total	23,527	12,02,378
REVENUE—		
Capitalization of abatement of land revenue ..	..	28,524
Leave and pension allowances	..	15,11,522
Audit and Accounts	6,099	98,259
Total	6,099	16,38,305
Grand Total	29,626	28,40,683

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.	RS.
<i>Direct Charges.</i>							
Works	94,90,888	47,68,268	1,42,59,156	31,83,091	52,48,759	20,65,668	1,74,42,247
Establishment ..	22,14,258	12,63,557	34,77,815	5,32,849	8,74,190	3,41,341	39,50,664
Tools and plant ..	6,60,944	56,579	7,17,523	13,530	1,04,975	91,445	7,31,053
Suspense account ..	..	..	..	..	..	..	..
Total ..	1,23,66,090	60,28,404	1,83,94,494	37,29,470	62,27,924	24,98,454	2,21,23,964
<i>Less—Receipts on Capital Account ..</i>	15,400	12,818	28,218	..	..	..	28,218
Net Total ..	1,23,50,690	60,15,586	1,83,66,276	37,29,470	62,27,924	24,98,454	2,20,95,746
<i>Indirect Charges.</i>							
Capitalized abatement of land revenue ..	4,53,037	1,92,721	6,45,758	..	45,076	45,076	6,45,758
Leave and pension allowances ..	3,87,938	1,15,917	5,03,855	31,831	52,488	20,657	5,03,855
Audit and Accounts ..	..	20,934	20,934	..	..	..	52,765
Total ..	8,40,975	3,29,572	11,70,547	31,831	97,564	65,733	12,02,378
Grand Total ..	1,31,91,665	63,45,158	1,95,36,823	37,61,301	63,25,488	25,64,187	2,32,98,124

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

NANDIYAR CHANNEL SYSTEM—Canal Project.

No. 2.—Capital Account for and to end of 1936–1937.

[Vide details on page 108 of the Administrative accounts for 1934–35.]

NANDIYAR CHANNEL SYSTEM—Canal Project—cont.
No. 3.—Revenue Accounts for and to end of 1936-1937.

Receipts.	Total.		Charges.		Total.	
	During the year.	To end of the year.	During the year.	To end of the year.	During the year.	To end of the year.
RS.	RS.	RS.	RS.	RS.	RS.	RS.
I. DIRECT RECEIPTS—						
5. Receipts from plantation.	211	6,585	I. EXTENSIONS AND IMPROVEMENTS—			
			(1) Head works	147	7,486	
6. Receipts from other canal produce	90	2,590	(2) Main canals and branches	118	12,071	
8. Navigation receipts	..	3	(3) Distributaries	..	1,115	
9. Rent of buildings	2	71	(4) Drainage and protective works	..	..	
Recoveries of expenditure.	..	47	(5) Special tools and plant	..	..	
11. Miscellaneous	..	2,893	Total	285	20,672	
Deduct—Refunds	9	158				
Total Revenue realized in the Public Works Department ..	294	12,081	II. MAINTENANCE AND REPAIRS—			
			(1) Head works	702	16,752	
			(2) Main canals and branches	3,999	1,50,862	
			(3) Distributaries	294	7,524	
			(4) Drainage and protective works	148	4,497	
			(5) Special tools and plant	..	..	
			Add—Unclassifiable outlay	..	..	
			Total	5,143	1,79,635	
Irrigation Revenue realized in the (Civil) Department	15,678	2,46,466				
Total, Direct Receipts	15,972	2,53,497	Total, Extensions and Improvements and Maintenance and Repairs	5,408	2,00,807	
			IV. ESTABLISHMENT	2,342	64,528	
II. INDIRECT RECEIPTS—			V. TOOLS AND PLANT	3	835	
Share of land revenue collected in the Civil Department	243	2,981	DEDUCT—RECOVERIES ON REVENUE ACCOUNT	..	8	
			Total, Direct Charges.	7,753	2,65,662	

ADMINISTRATIVE ACCOUNTS
FOR THE YEAR 1936-1937.

Total Public Works and Civil Departments, Revenue ..	16,215	2,61,478	Share of collection charges in the Civil Department	788	12,427
			Indirect charges	54	5,207
			Total, Direct and Indirect Charges.	8,595	2,83,296
			* Deduct—Old maintenance charges saved to Government	4,440	94,185
			Net Total	4,155	1,89,111
			Balance, net revenue	12,060	72,367
Total, Receipts ..	16,215	2,61,478	Grand Total	16,215	2,61,478
			RS.		
			2,836		
			371		
			1,199		
			2		
			4,408		
			32		
			4,440		
			Total, Direct and Indirect ..		

* Deduct—
 Extensions and Improvements
 Maintenance and Repairs
 Establishment
 Tools and plant

IRRIGATION BRANCH.

PUBLIC WORKS DEPARTMENT.

CHICACOLE MINOR RIVERS SYSTEM—*Canal Project*.

No. 2.—Capital Account for and to end of 1936-1937.

[Vide details on page 106 of the Administrative accounts for 1935-36.]

ADMINISTRATIVE ACCOUNTS
FOR THE YEAR 1936-1937.

MADRAS PRESIDENCY.

CHICACOLE MINOR RIVERS SYSTEM—*Canal Project*—cont.

No. 3.—Revenue Account for and to end of 1936-1937.

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. Water-rates from irrigation.	..	62	I. EXTENSIONS AND IMPROVEMENTS—		..	2,684
2. Owner's rates	..	139	(1) Head works	..	418	51,272
3. Receipts from sale of water.	..	734	(2) Main canals and branches	..	30	82,720
5. Receipts from plantations.	3	1,491	(3) Distributaries	..	..	..
6. Receipts from other canal produce	155	6,767	(4) Drainage and protective works ..	..	..	5,713
11. Miscellaneous	22	1,218	(5) Special tools and plant	..	448	1,42,989
Total Revenue realized in Public Works Department	180	10,411	Total	..	..	..
Irrigation Revenue realized in Civil Department	52,794	26,26,673	II. MAINTENANCE AND REPAIRS—		..	15,776
Total, Direct Receipts	52,974	26,37,084	(1) Head works	28,400	..	8,37,601
II. INDIRECT RECEIPTS—			(2) Main canals and branches	..	..	3,47,307
Share of Land Revenue collected in the Civil Department	7,874	5,09,681	(3) Distributaries	..	..	4,817
Total, Public Works and Civil Department Revenue	60,848	31,46,765	(4) Drainage and protective works ..	..	..	..
Total, Receipts	60,848	31,46,765	(5) Special tools and plant	..	..	2,985
			Add—Unclassifiable outlay	28,400	12,58,486	..
			Total	..	..	..
			Total, Extensions and Improvements and Maintenance and Repairs	28,848	14,00,875	..
			IV. ESTABLISHMENT	11,121	4,71,440	..
			V. TOOLS AND PLANT	255	11,379	5
			VI. REFUNDS OF REVENUE	..	275	..
			Deduct—Recoveries on Revenue account.	..	..	..
			Total, Direct Charges	40,224	18,83,424	..
			Share of collection charges in the Civil Department	3,030	1,56,791	..
			Indirect charges	289	53,623	..
			Total, Direct and Indirect Charges.	43,543	20,93,838	..

CHICACOLE MINOR RIVERS SYSTEM—Canal Project—cont.
No. 3.—Revenue Account for and to end of 1936-1937—cont.

Charges.		TOTAL.	
	During the year.	To end of the year.	
	RS.	RS.	
* <i>Deduct</i> —Old maintenance charges saved to Government	6,218	1,42,790	
Balance, Net revenue	37,325	19,51,048	
Net Total	23,223	11,95,717	
Grand Total	60,348	31,46,765	
RS.			
Extensions and improvements	1,529		
Maintenance and repairs	3,326		
Establishment	1,475		
Tools and plant	41		
Total, Direct	6,171		
Indirect	47		
Total, Direct and Indirect	6,218		

CHICACOLE MINOR RIVERS SYSTEM—Canal Project—cont.

No. 4.—Interest Account for and to end of 1936-1937.

	Amount. RS.		Amount. RS.
Total interest charges to end of 1935-1936	3,46,005	Net revenue realized to end of 1935-1936	11,72,194
* Total interest charges for the year 1936-1937	9,556	Net revenue realized during 1936-1937	23,523
Balance, net revenue	8,40,166		
Total	11,95,717	Total	11,95,717
RS.			
* Interest at 3.3252 per cent on the outlay to end of 1916-1917	8,585		
Interest at 4.85 per cent on the outlay of Rs. 20,014 from 1917-1918 to end of 1935-1936 plus half the outlay during 1936-1937	971		
Total	9,556		

No. 5.—Account of Indirect Charges for and to end of 1936-1937.

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	289	7,239
Total	289	53,623
Grand Total	289	64,653

CHICACOLE 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. 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 ..	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
<i>Indirect Charges.</i>							
Capitalized abatement of land revenue ..	..	4,084	4,084	..	..	..	4,084
Leave and pension allowances ..	3,274	3,536	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 J., dated 17th May 1911.

LOWER COLEROON ANICUT SYSTEM—Canal Project.

No. 2.—Capital Account for and to end of 1936-1937.

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

LOWER COLEROON ANICUT SYSTEM—Canal Project—cont.
No. 3.—Revenue Account for and to end of 1936-1937.

IRRIGATION BRANCH.

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PUBLIC WORKS DEPARTMENT.

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—		
2. Owners' rates	..	123	(1) Head works	677	1,85,531
3. Sales of water	150	1,962	(2) Main canals and branches	2,385	7,79,387
4. Water-supply of town ..	766	3,419	(3) Distributaries	94	65,652
5. Receipts from plantations.	1,940	75,759	(4) Drainage and protective works ..	30	10,039
6. Receipts from other canal produce	218	49,610	(5) Special tools and plant	..	1,800
8. Navigation receipts	1	259	Add—Unclassifiable outlay	..	24,873
9. Rents of buildings	422	8,333	Total	3,686	10,63,682
11. Miscellaneous	104	29,052	II. MAINTENANCE AND REPAIRS—		
Recoveries of expenditure ..	65	1,606	(1) Head works	9,776	2,58,188
Deduct—Refunds	10	2,393	(2) Main canals and branches	77,468	23,19,020
Total, Revenue realized in Public Works Department	3,656	1,67,750	(3) Distributaries	3,324	3,72,836
Irrigation revenue realized in Civil Department	4,32,164	2,01,75,879	(4) Drainage and protective works ..	418	46,106
Total, Direct Receipts	4,35,820	2,03,43,609	(5) Special tools and plant	..	4,82,053
			Add—Unclassifiable outlay	..	34,78,203
			Total	92,986	45,41,885
			Total, Extensions and Improvements and Maintenance and Repairs	96,672	14,70,239
			IV. ESTABLISHMENT	51,347	18,830
			V. TOOLS AND PLANT	348	423
			VI. REFUNDS OF REVENUE	..	3,094
			Deduct—Recoveries on revenue account ..	..	60,28,383
			Total, Direct Charges	1,48,367	

ADMINISTRATIVE ACCOUNTS
FOR THE YEAR 1936-1937.

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MADRAS PRESIDENCY

II. INDIRECT RECEIPTS—			Share of collection charges in the Civil Department	24,184	12,23,787
Share of land revenue collected in the Civil Department	51,515	42,99,853	Indirect charges	1,066	1,69,340
Total, Public Works and Civil Departments, Revenue ..	4,87,335	2,46,43,462	Total, Direct and Indirect charges ..	1,73,617	74,18,410
			* Deduct—Old maintenance charges saved to Government	10,575	2,43,978
			Balance, net revenue	1,63,042	71,74,432
			Grand Total	3,24,293	1,71,69,030
Total, Receipts	4,87,335	2,46,43,462		4,87,335	2,46,43,462
* Direct—					
Extensions and improvements	..	2,427	Indirect	..	73
Maintenance and repairs	..	4,853	Total, Direct and Indirect ..	..	10,575
Establishment	..	3,196			
Tools and plant	..	26			
Total, Direct	..	10,502			

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

No. 4.—Interest Account for and to end of 1936-1937.

	Amount.		Amount.
	RS.		RS.
Total interest charges to end of 1935-1936	35,24,222	Net revenue realized to end of 1935-1936	1,71,44,737
Total interest charges for the year 1936-1937	1,12,794*	Net revenue realized .. during 1936-1937	3,24,293
Balance, net revenue	1,38,32,014		
Total ..	1,74,69,030	Total ..	1,74,69,030
* Interest at 3-3252 per cent on the outlay to end of 1916-1917 .. 62,168			
Interest at 4-85 per cent on the outlay of Rs. 10,43,826 from 1917-1918 to end of 1935-1936 plus half the outlay during 1936-1937 50,626			
Total ..	1,12,794		

No. 5.—Account of Indirect Charges for and to end of 1936-1937.

Particulars.	During the year.	To end of the year.
	RS.	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 ..	99	17,787
Leave and pension allowances	..	1,22,721
Audit and accounts	967	25,832
Total ..	1,066	1,66,340
Grand Total ..	1,066	2,54,586

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.
	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 ..	10,67,518	13,89,734	24,57,252	..	..	..	24,57,252
Establishment ..	2,32,629	2,08,937	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
Less—Receipts on Capital Account ..	..	3,175	3,175	..	..	..	3,175
Net total ..	13,14,206	15,99,217	29,13,423	..	..	..	29,13,423
Indirect Charges.							
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 I., dated 24th September 1909.

DIVI PUMPING SYSTEM—*Canal Project.*

No. 2.—Capital Account for and to end of 1936–1937.

Heads of account.	DIRECT CHARGES.		Cost of construction as now estimated. RS.
	During the year. RS.	To end of the year. RS.	
I. Works—			
(1) Head works	..	6,73,105	6,73,105
(2) Main canals and branches	..	2,29,375	2,29,375
(3) Distributaries	..	1,72,361	1,72,361
(4) Drainage and protective works	..	1,00,558	1,00,558
(5) Special tools and plant	..	3,41,033	3,41,033
Total, Works	..	15,16,432	15,16,432
II. Establishment	..	3,98,096	3,98,096
III. Tools and plant	..	6,77,467	6,77,467
V. Less receipts on capital account	2,239	2,729	2,729
Net outlay in India and England	— 2,239	25,89,266	25,89,266

ADMINISTRATIVE ACCOUNTS
FOR THE YEAR 1936–1937.

MADRAS PRESIDENCY.

DIVI PUMPING SYSTEM—*Canal Project*—cont.
No. 3.—Revenue Account for and to end of 1936–1937.

Receipts.	TOTAL.		Charges.	TOTAL.
	During the year. RS.	To end of the year. RS.		
I. DIRECT RECEIPTS—			I. EXTENSIONS AND IMPROVEMENTS—	
3. Sale of water	..	..	(1) Head works	52,044
4. Water-supply of towns	..	..	(2) Main canals and branches	7,445
5. Receipts from plantations	..	325	(3) Distributaries	19,437
6. Receipts from other canal produce	1,477	83,513	(4) Drainage and protective works	7,142
8. Navigation receipts	1,485	28,509	(5) Special tools and plant	689
9. Rents of buildings	963	20,334	Total	86,807
10. Fines	2,740	3	II. MAINTENANCE AND REPAIRS—	
11. Miscellaneous	27	646	(1) Head works	18,682
Recoveries of expenditure	130	762	(2) Main canals and branches	2,61,165
Deduct—Refunds	..	..	(3) Distributaries	1,05,255
Total, Revenue realized in Public Works Department	6,562	86,964	(4) Drainage and protective works	28,693
Irrigation revenue realized in Civil Department	2,36,437	43,24,639	(5) Special tools and plant	20,730
Total, Direct Receipts	2,42,999	44,11,603	Add—Unclassifiable outlay	..
II. INDIRECT RECEIPTS—			Total	22,65,911
Share of land revenue collected in the Civil Department	87,205	13,99,021	Total, Extensions and Improvements and Maintenance and Repairs	18,50,008
Total, Public Works and Civil Departments. Revenue	3,30,204	58,10,624	IV. ESTABLISHMENT	2,61,165
			V. TOOLS AND PLANT	9,71,416
			VI. REFUNDS OF REVENUE	70,274
			Deduct—Recoveries on revenue account	15
			Total, Direct charges	178
			Share of collection charges in the Civil Department	33,94,247
			Indirect charges	2,29,467
			Total, Direct and Indirect charges	91,190
			* Deduct—Old maintenance charges saved to Government	37,18,104
			Balance, net revenue	4,25,540
			Net Total	82,92,564
			Grand Total	25,18,060
				58,10,624
Total, Receipts	3,30,204	58,10,624		
• Direct—			Direct—cont.	
Extensions and Improvements	..	..	Tools and plant	..
Maintenance and repairs	..	..	Indirect	..
Establishment	..	..	Total, Direct	..
			Indirect	..
			Total, Direct and Indirect	..

DIVI PUMPING SYSTEM—*Canal Project*—cont.

No. 4.—Interest Account for and to end of 1936–1937.

	Amount. RS.		Amount. RS.
Total interest charges to end of 1935–1936	22,90,222	Net revenue realized to end of 1935–1936	22,35,571
Total interest charges for the year 1936–1937	96,659*	Net revenue realized .. during 1936–1937	2,82,489
Balance, net revenue	1,31,179		
Total	25,18,060	Total	25,18,060

* Interest at 3·3252 per cent on the outlay to end of 1916–1917 63,187

Interest at 4·85 per cent on the outlay of Rupees 6,90,151 from 1917–1918 to end of 1935–1936 plus half the outlay during 1936–1937.. 33,472

Total 96,659

No. 5.—Account of Indirect Charges for and to end of 1936–1937.

Particulars.		During the year.	To end of the year.
	RS.	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 .. .. .	.. .. .	330	16,121
Total .. .. .	.. .. .	330	94,390
Grand Total .. .. .	.. .. .	330	1,56,028

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. 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.	
Direct Charges.							
Works	9,86,285	5,30,147	15,16,432	..	..	..	15,16,432
Establishment	1,87,250	2,10,848	3,98,098	..	..	..	3,98,098
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	2,352	2,729	..	..	..	2,729
Net Total	18,44,547	7,44,719	25,89,266	..	..	..	25,89,266
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	7,79,763	26,50,904	..	..	..	26,50,904

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

TOLUDUR RESERVOIR SYSTEM.

No. 2.—Capital Account for and to end of 1936-1937.

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	2,053	1,67,948	1,99,949
(3) Distributaries	..	1,02,401	1,02,401
(6) Special tools and plant	..	— 61,411	— 61,411
Total, Works	2,053	15,85,733	16,17,734
II. Establishment	896	4,69,432	4,77,218
III. Tools and plant	6	3,05,942	3,06,690
V. Less receipts on capital account	..	9,815	9,815
Net outlay in India and England	2,955	23,51,292	23,91,827

ADMINISTRATIVE ACCOUNTS
FOR THE YEAR 1936-1937.

MADRAS PRESIDENCY.

TOLUDUR RESERVOIR SYSTEM—*cont.*
No. 3.—Revenue Account for and to end of 1936-1937.

Receipts.	TOTAL.		Charges.	TOTAL.
	During the year.	To end of the year.		
I. DIRECT RECEIPTS—	RS.	RS.	I. EXTENSIONS AND IMPROVEMENTS—	RS.
5. Receipts from plantations	..	898	(1) Head works	..
6. Receipts from other canal produce	183	2,661	(2) Main canals and branches	..
9. Rents of buildings	56	1,246	(3) Distributaries	385
11. Miscellaneous	..	383	(4) Drainage and protective works	..
Recoveries of expenditure	..	225	(5) Special tools and plant	..
Deduct—Refunds	..	97	Total	2,709
Total, Revenue realized in Public Works Department	239	5,316	II. MAINTENANCE AND REPAIRS—	RS.
Irrigation Revenue realized in Civil Department	87,170	12,45,811	(1) Head works	4,543
Total, Direct Receipts	87,409	12,51,127	(2) Main canals and branches	18,584
II. INDIRECT RECEIPTS—	..	..	(3) Distributaries	4,353
Share of Land Revenue collected in the Civil Department	448	3,136	(4) Drainage and protective works	..
Total, Public Works and Civil Departments, Revenue	87,857	12,54,263	(5) Special tools and plant	..
Total, Receipts	87,857	12,54,263	Add—Unclassifiable outlay	..
			Total	27,480
			Total, Extensions and Improvements and Maintenance and Repairs	30,189
			IV. ESTABLISHMENT	15,128
			V. TOOLS AND PLANT	109
			VI. REFUNDS OF REVENUE	..
			Deduct—Recoveries on revenue account	..
			Total, Direct Charges	45,426
			Share of collection charges in the Civil Department	4,381
			Indirect Charges	322
			Total, Direct and Indirect Charges	50,129
			Balance net revenue	37,728
			Grand Total	87,857

TOLUDUR RESERVOIR SYSTEM—*cont.*

No. 4.—Interest Accounts for and to end of 1936-1937.

	Amount.		Amount.
	RS.		RS.
Total interest charges to end of 1935-36	18,53,695	Net revenue realized to end of 1935-36	6,66,254
Total interest charges for the year 1936-37—		Net revenue realized during 1936-37	37,723
Interest at 3.3252 per cent on the outlay to end of 1916-17	27,500	Balance, net interest charges	12,51,069
Interest at 4.85 per cent on the outlay of Rs. 15,22,805 from 1917-18 to end of 1935-36 plus half the outlay during 1936-37 ..	73,856		
Total ..	19,55,051	Total ..	19,55,051

No. 5.—Account of Indirect Charges for and to end of 1936-1937.

Particulars.	During the year.	To end of the year.
	RS.	RS.
CAPITAL—		
Capitalization of abatement of land revenue ..	..	1,80,719
Leave and pension allowances	..	66,102
Audit and accounts	20	4,353
Total ..	20	2,51,179
REVENUE—		
Capitalization of abatement of land revenue ..	20	35
Leave and pension allowances	..	886
Audit and accounts	302	3,514
Total ..	322	4,435
Grand Total ..	342	2,55,614

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.
Direct Charges.							
Works ..	16,12,421	32,859	15,79,562	6,171	38,172	32,001	15,85,733
Establishment ..	4,74,048	7,140	4,66,908	2,524	10,310	7,786	4,69,432
Tools and plant ..	3,06,052	125	3,05,927	15	763	748	3,05,942
Suspense account ..	..	..	..	..	..	..	..
Total ..	23,92,521	40,124	23,52,397	8,710	49,245	40,535	23,61,107
Less—Receipts on Capital Account ..	8,322	1,493	9,815	..	..	..	9,815
Net Total.	23,84,199	41,617	23,42,582	8,710	49,245	40,535	23,51,292
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	4,836	62	382	320	4,358
Total ..	2,51,128	11	2,51,117	62	2,730	2,668	2,51,179
Grand Total ..	26,35,327	41,628	25,93,699	9,772	51,975	43,203	26,02,471

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

POLAVARAM ISLAND—Project.

No. 2.—Capital Account for and to end of 1936-1937.

Heads of account.	DIRECT CHARGES.		Cost of construction as now estimated.
	During the year.	To end of the year.	
	RS.	RS.	RS.
I. Works—			
(2) Main canals and branches	..	2,78,359	2,78,359
(3) Distributaries	..	8,99,316	8,99,316
(4) Drainage and Protective Works	13,973	1,09,116	1,18,091
Total, Works ..	13,973	12,86,791	12,96,666
II. Establishment	4,429	3,67,794	3,68,735
III. Tools and plant	124	14,313	15,121
Grand Total ..	18,526	16,68,898	16,80,522
V. <i>Less</i> —Receipts on Capital Account	..	4,099	4,099
Net outlay in India and England ..	18,526	16,64,799	16,76,423

ADMINISTRATIVE ACCOUNTS
FOR THE YEAR 1936-1937.

POLAVARAM ISLAND—Project—cont.

No. 3.—Revenue Account for and to end of 1936-1937.

Receipts.	TOTAL.		Charges.	TOTAL.
	During the year. RS.	To end of the year. RS.		
I DIRECT RECEIPTS—			I. EXTENSIONS AND IMPROVEMENTS—	
5. Receipts from plantations ..	243	1,970	(1) Head works	.. 15
6. Receipts from other canal produce	89	1,123	(2) Main canals and branches	.. 6,747
8. Navigation receipts	.. 8	125	(3) Distributaries	.. 111
9. Rents of buildings	6	141	(4) Drainage and protective works	.. 6,873
Recoveries of expenditure	..	37	(5) Special tools and plant	.. 5,100
11. Miscellaneous	..	137	Total ..	.. 33
<i>Deduct</i> —Refunds ..	27	..	II. MAINTENANCE AND REPAIRS—	
Total Revenue realized in Public Works Department	324	3,263	(1) Head works	.. 1,222
Irrigation Revenue realized in Civil Department	1,06,747	8,65,077	(2) Main canals and branches	.. 5,812
Total, Direct Receipts ..	1,07,071	8,68,340	(3) Distributaries	.. 167
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 ..	1,07,071	8,68,340	<i>Add</i> —Unclassifiable outlay	.. 43,772
Total, Receipts ..	1,07,071	8,68,340	Total ..	.. 50,645
			Total, Extensions and Improvements and Maintenance and Repairs	.. 24,385
			IV. ESTABLISHMENT	.. 493
			V. TOOLS AND PLANT .. ..	.. ..
			VI. REFUNDS OF REVENUE	.. 75,523
			Total, Direct Charges ..	.. 45,952
			Share of collection charges in the Civil Department	.. 516
			Indirect Charges	.. 1,19,291
			Total, Direct and Indirect Charges ..	.. 7,40,049
			Balance, net revenue	.. 8,68,340
			Grand Total ..	..

POLAVARAM ISLAND—Project—cont.

No. 4.—Interest for and to end of 1936–1937.

Particulars	Amount. RS.	Particulars	Amount. RS.
Total interest charges to end of 1935–36	6,95,878	Net revenue realized to end of 1935–36	6,63,532
Total interest charges for the year 1936–37—		Net revenue realized during 1936–37	85,517
Interest at 4·85 per cent on the outlay of Rs. 16,55,535 from 1925–26 to end of 1935–36 plus half the outlay during 1936–37 (first outlay was in 1925–26).	80,295	Balance, net interest charges ..	27,124
Total ..	<u>7,76,173</u>	Total ..	<u>7,76,173</u>

No. 5.—Accounts of Indirect Charges for and to end of 1936–1937.

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	140	12,866
Total ..	<u>140</u>	<u>27,369</u>
REVENUE—		
Capitalization of abatement of land revenue ..	..	10
Leave and pension allowances	..	..
Audit and accounts	111	506
Total ..	<u>111</u>	<u>516</u>
Grand Total ..	<u>251</u>	<u>27,885</u>

ADMINISTRATIVE ACCOUNTS
FOR THE YEAR 1936–1937.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.
	Expenditure against construction estimate.	Expenditure against open canal sanction.	Total.	Charges to date.	Amount of sanctioned estimate.	Unspent balance of estimate.	
Direct Charges.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
Works ..	12,33,116	..	12,33,116	53,675	63,550	9,875	12,86,791
Establishment ..	2,51,544	..	2,51,544	16,250	17,191	941	3,67,794
Tools and plant ..	13,850	..	13,850	463	1,271	808	14,313
Suspense account ..	..	..	..	..	..	..	..
Total ..	<u>15,98,510</u>	<u>..</u>	<u>15,98,510</u>	<u>70,388</u>	<u>82,012</u>	<u>11,824</u>	<u>16,68,898</u>
Less—Receipts on Capital Account ..	<u>4,099</u>	<u>..</u>	<u>4,099</u>	<u>..</u>	<u>..</u>	<u>..</u>	<u>4,099</u>
Net Total ..	<u>15,94,411</u>	<u>..</u>	<u>15,94,411</u>	<u>70,388</u>	<u>82,012</u>	<u>11,824</u>	<u>16,64,799</u>
Indirect Charges.							
Capitalized abatement of land revenue ..	10,080	..	10,080	..	..	..	10,080
Leave and pension allowances ..	4,423	..	4,423	..	..	..	4,423
Audit and accounts ..	12,320	..	12,320	536	636	100	12,866
Total ..	<u>26,833</u>	<u>..</u>	<u>26,833</u>	<u>536</u>	<u>636</u>	<u>100</u>	<u>27,369</u>
Grand Total ..	<u>16,21,244</u>	<u>..</u>	<u>16,21,244</u>	<u>70,924</u>	<u>82,648</u>	<u>11,724</u>	<u>16,92,108</u>

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 1936–1937.

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	2,866	30,31,387	30,10,000
C. Works	26,493	2,68,55,721	2,83,00,000
K. Buildings	440	25,58,078	25,87,000
O. Miscellaneous	659	29,97,633	30,74,000
P. Maintenance	..	11,106	34,000
Total ..	30,548	3,56,40,539	3,71,90,000
(2) <i>Main Canals and Branches—</i>			
(a) Grand Ancicut Canal system—			
A. Preliminary expenses	..	98,520	99,000
B. Land	..	11,40,892	12,00,000
D. Regulators	..	3,06,822	3,20,000
E. Falls and weirs	..	1,67,144	1,70,000
F. (1) Other cross drainage works	8,800	24,66,190	23,60,000
G. Bridges	502	8,01,494	8,25,000
H. Escapes	..	29,189	25,000
K. Buildings	8,196	2,50,302	2,22,000
L. Earthwork	..	32,49,173	33,20,000
M. Plantations	18	17,625	25,000
O. Miscellaneous	..	96,958	85,000
P. Maintenance	1,036	1,02,132	1,20,000
Total ..	17,548	87,26,441	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	54,080
G. Bridges	..	42,200	40,000
H. Escapes	..	24,349	24,350
K. Buildings	..	23,749	28,750
L. Earthwork	..	2,04,098	2,03,800
M. Plantations	..	4,049	4,000
O. Miscellaneous	..	13,604	14,500
P. Maintenance	..	9,664	10,600
Total ..	..	5,48,424	5,44,000
Total, (2) Main Canals and Branches	17,548	92,74,865	93,15,000

CAUVERY-METTUR RESERVOIR PROJECT—*Canal Project—cont.*No. 2.—Capital Account for and to end of 1936–1937—*cont.*

Heads of account.	DIRECT CHARGES.		Cost of construction as now estimated.
	During the year.	To end of the year.	
	RS.	RS.	RS.
I. WORKS— <i>cont.</i>			
(3) <i>Distributaries—</i>			
(a) Grand Ancicut Canal system—			
A. Preliminary expenses	..	1,30,714	1,32,000
B. Land	22,144	26,86,558	28,75,000
C. Works	78,661	14,10,534	11,25,000
L. Earthwork	31,072	8,61,511	8,90,000
M. Plantations	179	11,346	18,000
O. Miscellaneous	1,011	72,335	80,000
P. Maintenance	927	40,194	40,000
Total ..	1,33,994	52,13,192	51,60,000
(b) Vadavar system—			
A. Preliminary expenses	..	22,604	22,800
B. Land	..	4,58,943	4,57,200
C. Works	..	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 ..	..	9,69,561	9,79,800
Total, (3) Distributaries ..	1,33,994	61,82,753	61,39,800
(6) <i>Special Tools and Plant..</i>	70,327	89,26,644	87,00,000
Loss on stock	6,796	2,10,625	10,200
Total, Works ..	1,18,469	6,02,35,428	6,13,55,000
II. ESTABLISHMENT (a)—			
Non-voted—			
Pay of officers	16,576	14,32,581	..
Cost of passage granted	..	27,965	..
Other compensatory allowances	399	98,636	..
Travelling allowance	..	137	..
Contingencies	..	5,526	..
Supervision charges	..	12,942	..
Bonus contribution to Special Provident Fund	..	4,637	..
Deduct—Recoveries	..	..	..
Voted—			
Pay of officers	12,127	10,48,580	..
Pay of establishment	18,755	21,67,984	..
Travelling allowance	..	..	..
Fixed travelling allowance	2,077	3,49,989	..
Other compensatory allowance	..	..	..
Contract contingencies	..	85	..
Supplies and services	..	2,093	..
Non-contract contingencies—Stationery and Printing	119	2,07,525	..
Other contingencies	958	58,231	..
Supervision charges	1,467	40,947	..
Bonus contribution to Special Provident Fund	..	12,704	..
Charges payable to Government—Departments, etc.	..	1,104	..
Total ..	52,478	54,62,392	..

CAUVERY-METTUR RESERVOIR PROJECT—Canal Project—cont.

No. 2.—Capital Account for and to end of 1936-1937—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) ..	15,534	3,23,657	..
Loss or gain by exchange ..	— 82	8,633	..
Deduct—Recoveries (Voted) ..	..	2,53,540	..
Add—Amount debited by transferred establishment (Establishment inclusive of pensionary charges) ..	24,136	23,913	..
Add—Pensionary charges ..	7,680	5,59,726	..
Net total, Establishment (a) ..	99,746	61,24,781	58,75,000
III. TOOLS AND PLANT—			
New supplies—			
Scientific instruments and drawing materials ..	..	64,900	..
Tools ..	..	1,20,165	..
Office furniture ..	..	43,887	..
Navigation plant ..	..	1,285	..
Camp equipage ..	..	29,586	..
Repairs and carriage. ..	34	37,844	..
Total, Tools and Plant ..	34	2,97,667	..
Deduct—Charges debited to other heads of account ..	..	..	..
Add—Amount debited by Transferred establishment... }	90	585	..
Net Total, Tools and Plant. ..	124	2,97,082	3,00,000
IV. SUSPENSE ..	— 23,301	1,46,716	90,000
Grand Total ..	1,95,038	6,68,04,005	6,76,20,000
V. Less—RECEIPTS ON CAPITAL ACCOUNT ..	1,42,257	19,49,742	8,50,000
Net outlay in India and England. ..	52,781	6,48,54,263	6,67,70,000

CAUVERY-METTUR RESERVOIR PROJECT—Canal Project—cont.

No. 3.—Revenue Account for and to end of 1936-1937.

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 ..	26	132	(1) Head works ..	772	2,213
5. Receipts from plantations ..	2,476	6,238	(2) Main canals and branches ..	6,592	60,029
6. Receipts from other canal produce ..	85	652	(3) Distributaries ..	11,218	34,899
8. Navigation ..	21	72	Total ..	18,582	97,141
9. Rents of buildings ..	15,742	48,348	II. MAINTENANCE AND REPAIRS—		
10. Fines ..	9,427	23,078	(1) Head works ..	78,077	2,14,927
11. Miscellaneous ..	3,977	4,819	(2) Main canals and branches ..	1,16,010	3,07,627
Recoveries of expenditure. ..	1,028	1,092	(3) Distributaries ..	52,978	1,46,231
Deduct—Refunds ..	..	..	(4) Drainage and protection works. ..	..	2,046
Total, Revenue realized in Public Works Department ..	30,726	82,322	Total ..	2,47,065	6,72,881
Irrigation revenue realized in Civil Department ..	11,29,452	33,01,044	III. COMPENSATION—		
Total, Direct Receipts ..	11,60,178	33,83,366	Total, Extensions and Improvements and Maintenance and Repairs ..	2,65,647	7,70,022
II. INDIRECT RECEIPTS—			IV. ESTABLISHMENT ..	1,09,874	3,04,708
Share of land revenue collected in the Civil Department ..	..	..	V. TOOLS AND PLANT ..	1,105	3,085
Total, Public Works and Civil Departments, Revenue ..	11,60,178	33,83,366	Total, Direct Charges ..	3,76,626	10,77,815
			Share of collection charges in the Civil Department ..	56,473	1,65,053
			Indirect charges ..	2,657	7,676
			Total, Direct and Indirect Charges. ..	4,35,756	12,50,544
			Balance net revenue ..	7,24,422	21,32,822
			Total ..	11,60,178	33,83,366

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 1936-1937.

	Amount.		Amount.
	RS.		RS.
Total interest charges to end of 1935-1936	2,10,94,859	Net revenue realized to end of 1935-1936	14,08,400
Total interest charges for the year 1936-1937	31,44,151	Net revenue realized during 1936-1937	7,24,422
		Balance, net interest charges ..	2,21,08,188
Interest at 4·85 per cent on the outlay of Rs. 6,48,27,872 from 1925-1926 to end of 1935-1936 + half the outlay during 1936-1937 (first outlay was in 1925-1926)	31,44,151		
Total ..	2,42,39,010	Total ..	2,42,39,010

No. 5.—Account of Indirect Charges for and to end of 1936-1937.

Particulars.	During the year. RS.	To end of the year. RS.
CAPITAL—		
Capitalization of abatement of land revenue	1,209	4,48,495
Leave and pension allowances	..	23,617
Audit and accounts	1,184	5,73,455
Total ..	2,393	10,45,567
REVENUE—		
Capitalization of abatement of land revenue	..	..
Leave and pension allowances	..	..
Audit and accounts	2,657	7,676
Total ..	2,657	7,676
Grand Total ..	5,050	10,53,243

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 Establishment	..	..	..	6,02,25,426	6,13,55,000	11,19,574	..
Tools and plant	..	..	..	61,24,751	58,75,000	2,49,751	..
Suspense account	..	..	..	2,97,092	3,00,000	2,918	..
Total	..	..	..	1,46,716	90,000	56,716	..
Less—Receipts on Capital Account	..	..	..	6,88,04,005	6,76,20,000	8,15,995	..
Total outlay in India and England	..	..	..	19,49,742	8,50,000	10,99,742	..
	..	..	..	6,48,54,263	6,67,70,000	19,15,737	..
Indirect Charges.							
Capitalization of abatement of land revenue	..	..	..	4,48,495	4,89,000	40,505	..
Leave and pension allowances	..	..	..	23,617	25,000	1,383	..
Audit and accounts	..	..	..	5,73,455	6,16,000	42,545	..
Total	..	..	..	10,45,567	11,30,000	84,433	..
Grand total outlay in India and England.	..	..	..	6,58,99,830	6,79,00,000	20,00,170	..

KATTALAI ANICUT SCHEME—*Canal Project.*

No. 2.—Capital Account for and to end of 1936–1937.

Heads of account.	DIRECT CHARGES.		Cost of construction as now estimated
	During the year. RS.	To end of the year. RS.	
I. WORKS—			
(1) <i>Head Works</i> —			
B. Land	..	257	..
C. Works	..	5,91,063	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) <i>Main Canals and Branches</i> —			
A. Preliminary expenses	4	11,933	10,000
B. Land	44,269	4,77,188	2,90,360
C. Works	812	51,645	53,530
D. Regulators	..	92,537	24,480
E. Falls and weirs	..	22,849	6,990
F. Cross drainages	1,058	3,28,541	3,27,890
F. (1) Other cross and drainage works	..	3,317	3,470
G. Bridges	330	2,71,628	1,80,215
H. Escapes	..	40,913	..
K. Buildings	..	28,865	38,000
L. Earthwork	1,643	11,50,773	7,80,450
M. Plantations	..	..	11,000
N. Tanks	..	..	46,600
O. Miscellaneous	729	25,136	50,890
P. Maintenance	..	43,740	3,700
Unforeseen works	..	..	92,425
Total, Main Canals	39,693	25,49,065	19,04,000
(3) <i>Distributaries</i> —			
B. Land	58,806	81,486	43,851
C. Works	796	11,429	23,304
E. Falls and weirs	1,619	10,820	27,182
L. Earthwork	4,113	38,586	60,079
O. Miscellaneous	1,914	9,869	11,584
Total	67,248	1,52,190	1,66,000
(3) <i>Special Tools and Plant</i>	406	36,678	92,000
Loss on stock	2	2	..
Total, Works	27,061	38,62,976	28,42,000
II. ESTABLISHMENT—			
Non-voted—			
Pay of officers	..	45,325	..
Passage pay	..	476	..
Travelling allowance	..	6,945	..
Voted—			
Pay of officers	1,640	52,743	..
Pay of establishment	160	1,13,892	..
Travelling allowance	..	..	..
Fixed travelling allowance	..	..	..
Other compensatory allowance	..	38,722	..
Non-contract contingencies—Miscellaneous	..	..	..
Total, Establishment	1,800	2,58,103	4,09,585

KATTALAI ANICUT SCHEME—*Canal Project*—cont.

No. 2.—Capital Account for and to end of 1936–1937—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—cont.			
English cost of establishment—			
Par value	..	18,678	..
Loss or gain by exchange	..	1,262	..
Add—Pensionary charges on special establishment	225	21,629	..
Add—Supervision charges on special establishment	..	14,984	..
Add—Amount debited by Transferred establishment (inclusive of pensionary charges)	10,113	1,31,637	..
Grand total, Establishment.	12,138	4,46,293	4,09,585
III. TOOLS AND PLANT—			
New supplies—			
Scientific instruments and drawing materials	..	6,441	..
Plant and machinery	..	3,306	..
Tools	..	32,572	..
Office furniture	..	2,510	..
Repairs and carriage	..	8,290	..
Total, Tools and Plant	..	53,119	56,840
Add—Amount debited by Transferred	13	540	..
Net total, Tools and Plant	13	52,579	56,840
IV. SUSPENSE	..	1	..
V. Less—RECEIPTS ON CAPITAL ACCOUNT	481	10,370	..
Net outlay in India and England.	38,731	38,51,479	3,08,425

	Receipts.		TOTAL.	
	During the year.	To end of the year.	RS.	RS.
I. DIRECT RECEIPTS—				
Sales of water	50	282		
5. Receipts from plantations ..	1,761	19,662		
6. Receipts from other canal produce	1,244	4,630		
8. Navigation receipts	40	264		
9. Rents of Buildings	77	1,139		
10. Fines	..	..		
11. Miscellaneous Recoveries of expenditure ..	36	122		
Deduct—Refunds	3	768		
Total revenue realized in the Public Works Department ..	3,205	26,288		
II. INDIRECT RECEIPTS—				
Share of land revenue collected in the Civil Department	1,12,167	3,87,250		
Total, Direct Receipts	1,15,372	4,13,538		
Share of land revenue collected in the Civil Department	121	614		
Total, Public Works and Civil Departments Revenue	1,15,493	4,14,152		
Net deficit, if any	— 61,271	40,249		
Grand Total	54,222	4,60,401		
* DIRECT—				
Maintenance and repairs	..	..	RS.	RS.
Establishment	..	..	48,500	48,500
Tools and plant	..	..	18,124	18,124
INDIRECT	..	..	23	23
Total, Direct	..	..	66,647	66,647
Total	..	..	485	485
Total	..	..	67,132	67,132

KATTALAI ANICUT SCHEME—*Canal Project*—cont.
No. 4.—Interest Account for and to end of 1936–1937.

No. 5.—Account of Indirect Charges for and to end of 1936-1937.

Particulars.	During the year.	To end of the year.
	RS.	RS.
CAPITAL—		
Capitalization of abatement of land revenue ..	1,456	51,343
Leave and pension allowances	..	7,233
Audit and accounts	271	33,632
Total ..	1,727	92,208
REVENUE—		
Capitalization of abatement of land revenue ..	..	1
Leave and pension allowances	..	..
Audit and accounts	826	6,067
Total ..	826	6,068
Grand Total ..	2,553	98,276

KATTALAI ANICUT SCHEME—*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.	
<i>Direct Charges.</i>							
Works ..	..	..	..	33,62,976	28,42,000	— 5,20,976	..
Establishment ..	..	..	..	4,43,293	4,09,585	— 36,708	..
Tools and plant ..	..	..	..	52,579	56,840	— 4,261	..
Suspense account ..	..	..	..	1	..	— 1	..
Total ..	..	..	..	38,61,849	33,08,425	— 5,53,424	..
<i>Less—Receipt on Capital account ..</i>	..	..	..	10,370	..	— 10,370	..
Net total outlay in India and England.	..	..	..	38,51,479	33,08,425	— 5,43,054	..
<i>Indirect Charges.</i>							
Capitalized statement of land revenue ..	..	..	..	51,343	30,381	— 20,962	..
Leave and pension allowances ..	..	..	..	7,233	..	— 7,233	..
Audit and accounts ..	..	..	..	33,632	28,420	— 5,212	..
Total ..	..	..	..	92,208	58,801	— 33,407	..
Grand total outlay in India and England ..	..	..	..	39,43,687	33,67,226	— 5,76,461	..

ADMINISTRATIVE ACCOUNTS
FOR THE YEAR 1936-1937.

KURNOOL-CUDDAPAH CANAL—*Canal Project.*

No. 2.—Capital Account for and to end of 1936-1937.

[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 1936-1937.

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.	..	35,98,514	(1) Head works	30	1,55,670
2. Sale of water	303	7,261	(2) Main canals and branches	2,448	4,33,471
3. Water-supply of towns	700	77,644	(3) Distributaries	105	80,257
4. Receipts from plantations	..	24,278	(4) Drainage and protective works	..	13,251
5. Receipts from other canal produce	6,621	2,57,151	(5) Special tools and plant	..	— 168
6. Navigation receipts	72	89,883	Add—Unclassifiable outlay	..	565
7. Rents of buildings	1,505	50,863	Total	2,583	6,83,046
8. Fines	..	157	II. MAINTENANCE AND REPAIRS—		
9. Miscellaneous	452	1,11,073	(1) Head works	4,726	2,56,143
10. Recoveries of expenditure	696	6,847	(2) Main canals and branches	56,665	37,62,055
11. Miscellaneous	23	2,532	(3) Distributaries	2,922	5,43,654
Deduct—Refunds	..	..	(4) Drainage and protective works	..	20,108
			(5) Special tools and plant	..	5,891
			Add—Unclassifiable outlay	..	11,150
			Total	64,313	45,99,001
Total revenue realized in Public Works Department	10,326	42,21,139	Total Extensions and Improvements and Maintenance and Repairs	66,896	52,82,047
Irrigation revenue realized in Civil Department	3,18,207	82,42,669	IV. ESTABLISHMENT	24,328	19,84,072
			V. TOOLS AND PLANT	145	1,15,854
			VI. REFUNDS OF REVENUE	..	14,592
			Deduct—Recoveries on Revenue Account	..	196
			Total, Direct Charges	91,372	73,96,369
Total, Direct Receipts	3,28,533	1,24,63,808			

ADMINISTRATIVE ACCOUNTS
FOR THE YEAR 1936-1937.

I. INDIRECT RECEIPTS—					
Share of land revenue collected in the Civil Department	2,953	58,356	Share of collection charges in the Civil Department	16,038	4,24,726
			Indirect Charges	669	2,52,280
			Total, Direct and Indirect Charges	1,08,079	80,73,375
			Deduct—Old maintenance charges saved to Government	3,661	89,190
			Net Total	1,04,418	79,84,185
Total, Public Works and Civil Departments, Revenue	3,31,486	1,25,22,164	Balance, net revenue	2,27,968	45,37,970
			Grand Total	3,31,486	1,25,22,164
Total, Receipts	3,31,486	1,25,22,164			
* Direct—					
Extensions and Improvements	..	..	..	RS.	232
Maintenance and repairs	..	..	..	..	2,757
Establishment	..	..	..	..	635
Tools and plant	..	..	..	..	7
Indirect	..	..	Total, Direct	3,631	
			Total, Direct and Indirect	30	
					3,661

IRRIGATION BRANCH.

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PUBLIC WORKS DEPARTMENT.

KURNOOL-CUDDAPAH CANAL—Canal Project—cont.

No. 4.—Interest Account for and to end of 1936-1937.

Particulars.	Amount. RS.	Particulars.	Amount. RS.
Total interest charges to end of 1935-1936 ..	4,39,07,936	Net revenue realized to end of 1935-1936 ..	43,10,911
Total interest charges for the year 1936-1937—		Net revenue realized .. during 1936-1937 ..	2,27,068
Interest at 3·3252 per cent on the outlay to end of 1916-1917 ..	7,60,421	Balance, net interest charges ..	4,01,51,973
Interest at 4·85 per cent on the outlay of Rupees 4,45,258 from 1917-1918 to end of 1935-1936 plus half the outlay during 1936-1937 ..	7,82,016		
	21,595		
Total ..	4,46,89,952	Total ..	4,46,89,952

No. 5.—Account of Indirect Charges for and to end of 1936-1937.

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	..	2,30,089
Audit and accounts	669	16,272
Total ..	669	2,52,280
Grand Total ..	669	3,25,718

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ADMINISTRATIVE ACCOUNTS
FOR THE YEAR 1936-1937.

MADRAS PRESIDENCY.

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.

No. 2.—Capital Account for and to end of 1936-1937.

Head of account.	DIRECT CHARGES.		Cost of construction as now estimated. RS.
	During the year. RS.	To end of the year. RS.	
I. Works—			
(1) Head works	3,758	49,431	52,073
(2) Main canals and branches	..	1,25,875	1,25,875
(2) (a) Reservoirs	..	69,775	69,775
(3) Distributaries	..	94,642	94,642
(6) Special tools and plant	..	..	..
Total works ..	3,758	3,39,523	3,42,165
II. ESTABLISHMENT	1,042	77,743	78,440
III. TOOLS AND PLANT	21	6,952	7,059
Grand total ..	4,821	4,24,218	4,27,664
V. Less receipts on capital account ..	..	22	22
Net outlay in India and England ..	4,821	4,24,196	4,27,042

BARUR TANK—*Tank Project*—cont.
No. 3.—Revenue Account for and to end of 1936-1937.

	TOTAL.	
	During the year. RS.	To end of the year. RS.
RECEIPTS.		
I. DIRECT RECEIPTS—		
5. Receipts from plantations ..	444	7,092
6. Receipts from other canal produce ..	1,896	23,833
9. Rents of buildings ..	123	1,230
11. Miscellaneous ..	..	2,004
Recoveries of expenditure ..	..	27
Deduct—Refunds ..	..	168
Total, Revenue realized in Public Works Department ..	1,963	34,138
Irrigation Revenue realized in Civil Department ..	16,992	6,66,787
Total, Direct Receipts ..	18,955	7,00,925
INDIRECT RECEIPTS.—		
Share of land revenue collected in the Civil Department ..	758	18,314
Total, Public Works and Civil Departments, Revenue ..	19,713	7,19,239
Total Receipts ..	19,713	7,19,239
EXPENDITURE.		
CHARGES.		
TOTAL.		
During the year.		
RS.		
I. EXTENSIONS AND IMPROVEMENTS—		
(1) Head works ..	127	4,820
(2) Main canals and branches ..	..	20,561
(3) Distributaries ..	..	2,689
(4) Drainage and protective works ..	..	1,861
(5) Special tools and plant ..	..	..
Total ..	127	29,531
II. MAINTENANCE AND REPAIRS—		
(1) Head works ..	..	21,162
(2) Main canals and branches ..	10,056	1,71,128
(3) Distributaries ..	..	12,090
(4) Drainage and protective works ..	..	666
(5) Special tools and plant ..	..	..
Total ..	10,056	2,05,046
Total, Extensions and Improvements and Maintenance and Repairs ..	10,183	2,34,577
IV. ESTABLISHMENT ..	3,137	83,449
V. TOOLS AND PLANT ..	56	1,326
VI. REFUNDS OF REVENUE ..	..	54
Deduct—Recoveries on revenue account ..	..	44
Total, Direct Charges ..	13,376	3,19,362
Share of collection charges in the Civil Department ..	858	33,478
Indirect charges ..	102	9,904
Total, Direct and Indirect Charges ..	14,336	3,62,744
Balance, Net revenue ..	5,377	3,56,495
Grand Total ..	19,713	7,19,239

BARUR TANK—*Tank Project*—cont.

No. 4.—Interest Account for and to end of 1936–1937.

	Amount.		Amount.
	RS.		RS.
Total interest charges to end of 1935–1936	7,44,996	Net revenue realized to end of 1935–1936	3,51,118
* Total interest charges for the year 1936–1937	14,062	Net revenue realized during 1936–1937	5,377
		Balance, net interest charges	4,02,163
Total	7,59,058	Total	7,59,058
* Interest at 3·3252 per cent on the outlay to end of 1916–1917	13,945		
Interest at 4·85 per cent on the outlay of Rs. 2,411 from 1917–1918 to end of 1935–1936 plus half the outlay during 1936–1937	117		
Total	14,062		

No. 5.—Account of Indirect Charges for and to end of 1936–1937.

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	38	38
Total	38	23,776
REVENUE—		
Capitalization of abatement of land revenue	..	130
Leave and pension allowances	..	8,931
Audit and accounts	102	843
Total	102	9,904
Grand Total	140	33,680

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.	RS.	RS.	RS.
Direct Charges.							
Works	3,11,681	24,084	3,35,765	3,758	6,400	2,642	3,39,523
Establishment	71,683	5,018	76,701	1,042	1,739	697	77,743
Tools and plant	6,883	48	6,931	21	128	107	6,952
Suspense account	..	..	..	..	..	..	..
Total	3,90,247	29,150	4,19,397	4,821	8,267	3,446	4,24,218
Less—Receipts on Capital Account	22	..	22	..	..	..	22
Net Total	3,90,225	29,150	4,19,375	4,821	8,267	3,446	4,24,196
Indirect Charges.							
Capitalized abatement of land revenue	12,056	944	13,000	..	..	..	13,000
Leave and pension allowances	10,036	702	10,738	..	64	26	10,738
Audit and accounts	..	..	..	38	..	..	38
Total	22,092	1,646	23,738	38	64	26	23,776
Grand Total	4,12,317	30,796	4,43,113	4,859	8,331	3,472	4,47,972

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

VALLUR ANICUT SYSTEM—*Canal Project.*

No. 2.—Capital Account for and to end of 1936–1937.

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

ADMINISTRATIVE ACCOUNTS
FOR THE YEAR 1936–1937.

MADRAS PRESIDENCY.

VALLUR ANICUT SYSTEM—*Canal Project*—cont.

No. 3.—Revenue Account for and to end of 1936–1937.

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—		
6. Receipts from other canal produce	..	1,977	(1) Head works	..	4,841
9. Rents of buildings	21	269	(2) Main canals and branches	86	1,382
Recoveries of Expenditure	..	11	(3) Distributaries	..	..
11. Miscellaneous	.. 249	2,859	(4) Drainage and protective works	..	4,817
<i>Deduct—Refunds</i>	..	109	(5) Special tools and plant	..	..
Total, Revenue realized in Public Works Department	270	6,773	Total	86	11,040
Irrigation Revenue realized in Civil Department	2,165	1,58,864	II. MAINTENANCE AND REPAIRS—		
Total, Direct Receipts	2,435	1,65,637	(1) Head works	..	43,481
			(2) Main canals and branches	2,822	28,878
			(3) Distributaries	..	..
			(4) Drainage and protective works	..	..
			(5) Special tools and plant	..	17,532
			<i>Add—Unclassifiable outlay</i>	..	..
			Total	2,822	89,941
			Total, Extensions and Improvements and Maintenance and Repairs	2,908	1,00,981
			IV. ESTABLISHMENT	760	24,761
			V. TOOLS AND PLANT	7	656
			<i>Deficit—</i>	..	10
			VI. RECOVERIES ON REVENUE ACCOUNT.		
			Total, Direct Charges	3,675	1,26,388

VALLUR 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 open 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 ..	1,628	288	1,916	..	..	..	1,916
Total ..	1,628	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.

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

No. 2.—Capital Account for and to end of 1936-1937.

[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 1936-1937.

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	..	9,80,828	(1) Head works	..	6,704
4. Water-supply of towns ..	44,722	4,44,789	(2) Main canals and branches ..	469	83,020
5. Receipts from plantations.	..	2,243	(3) Distributaries	..	3,277
			(4) Drainage and protective works ..	..	613
6. Receipts from other canal produce	..	5,462	(5) Special tools and plant	..	22
			Total	469	93,636
9. Rents of buildings	105	2,346	II. MAINTENANCE AND REPAIRS—		
10. Fines	..	322	(1) Head works	..	61,876
11. Miscellaneous	124	7,074	(2) Main canals and branches ..	17,498	8,62,716
			(3) Distributaries	..	3,980
Recoveries of expenditure ..	29	92	(4) Drainage and protective works ..	..	3,061
<i>Deduct—Refunds</i>	5	82	(5) Special tools and plant	..	..
			Total	17,498	9,31,633
Total Revenue realized in Public Works Department	44,975	14,42,852	Total, Extensions and Improvements and Maintenance and repairs ..	17,967	10,25,269
Irrigation revenue realized in Civil Department	10,609	7,41,668	IV. ESTABLISHMENT	4,064	3,13,494
			V. TOOLS AND PLANT	42	9,847
Total, Direct Receipts ..	55,584	21,84,520	VI. REFUNDS OF REVENUE	..	88
			<i>Deduct—Recoveries on Revenue account</i>	..	1,065
			Total, Direct Charges	22,073	13,46,633

ADMINISTRATIVE ACCOUNTS
FOR THE YEAR 1936-1937.

II. INDIRECT RECEIPTS—			Share of collection charges in the Civil Department	554	40,724
Share of land revenue collected in the Civil Department.	462	29,085	Indirect charges	180	40,772
Total, Public Works and Civil Departments—Revenue ..	56,046	22,13,555	Total, Direct and Indirect Charges ..	22,807	14,28,129
			<i>Deduct—Old maintenance charges saved to Government (a)</i>	4,655	3,24,764
			Net Total	18,152	11,03,365
			Balance, Net revenue	37,894	11,10,190
Total, Receipts ..	56,046	22,13,555	Grand Total	56,046	22,13,555
			(a) Extensions and improvements	..	3,600
			Maintenance and repairs	..	200
			Establishment	..	808
			Tools and plant	..	9
			Total, Direct Charges	4,617	..
			Indirect Charges	..	38
			Total, Direct and Indirect Charges ..	..	4,655

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

No. 4.—Interest Account for and to end of 1936–1937.

	Amount.		Amount.
	RS.		RS.
Total interest charges to end of 1935–1936	38,31,332	Net revenue realized to end of 1935–1936	10,72,296
Total interest charges for the year 1936–1937—		Net revenue realized during 1936–1937	37,894
Interest at 3·3252 per cent on the outlay to end of 1916–1917.	51,429	Balance, net interest charges	27,76,559
Interest at 4·85 per cent on the outlay of Rs. 82,221 from 1917–1918 to end of 1935–1936 plus half the outlay during 1936–1937	3,988		
Total ..	38,86,749	Total ..	38,86,749

No. 5.—Account of Indirect Charges for and to end of 1936–1937

Particulars.	During the year. RS.	To end of the year. 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	180	3,420
Total ..	180	40,772
Grand Total ..	180	2,80,826

ADMINISTRATIVE ACCOUNTS
FOR THE YEAR 1936–1937.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.
<i>Direct Charges.</i>							
Work ..	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 ..	6,648	280	6,928	..	..	..	6,928
Suspense account ..	..	..	..	..	..	..	..
Total ..	15,16,994	1,13,172	16,30,166	..	..	..	16,30,166
<i>Less—Receipts on Capital Account ..</i>	1,167	135	1,302	..	..	..	1,302
Net Total ..	15,15,827	1,13,037	16,28,864	..	..	..	16,28,864
<i>Indirect Charges.</i>							
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 1936-1937.

[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 1936-1937.

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.	528	12,376	I. EXTENSIONS AND IMPROVEMENTS—		
6. Receipts from other canal produce	60	9,604	(1) Head works	..	22,647
8. Navigation Receipts	..	1	(2) Main canals and branches	238	55,178
9. Rents of buildings	241	2,556	(3) Distributaries	462	24,938
10. Fines	..	..	(4) Drainage and protective works	..	..
11. Miscellaneous	..	1	(5) Special tools and plant	..	..
Recoveries of expenditure	5	33	Total	700	1,02,763
Deduct—Refunds	..	331	II. MAINTENANCE AND REPAIRS—		
Total, Revenue realized in Public Works Department	834	25,222	(1) Head works	1,679	3,27,690
Irrigation Revenue realized in Civil Department	57,222	20,69,384	(2) Main canals and branches	6,045	4,08,018
			(3) Distributaries	2,431	89,279
			(4) Drainage and protective works	..	123
			(5) Special tools and plant	..	..
			Add—Unclassifiable outlay	..	..
			Total	10,155	8,25,110
			Total, Extensions and Improvements and Maintenance and Repairs	10,855	9,27,873
			IV. ESTABLISHMENT	6,170	2,55,972
			V. TOOLS AND PLANT	39	6,263
			VI. REFUNDS OF REVENUE	..	30
			Deduct—Recoveries on Revenue account	..	168
			Total, Direct Charges	17,064	11,89,970
Total, Direct Receipts	58,056	20,94,606			

Receipts.	TOTAL.		Charges.	TOTAL.
	During the year. RS.	To end of the year. RS.		
II. INDIRECT RECEIPTS—				
Share of land revenue collected in the Civil Department	86	5,641	Share of collection charges in the Civil Department	1,04,543
.. ..			Indirect charges	33,269
Total, Public Works and Civil Departments, Revenue	58,142	21,00,247	Total, Direct and Indirect Charges, Deduct—Old maintenance charges saved to Government (a)	13,27,782
			Balance, Net Revenue	9,552
Total, Receipts ..	58,142	21,00,247	Net Total	13,18,230
			Grand Total	7,82,017
				21,00,247
			(a) Extensions and improvements	59
			Maintenance and repairs	58
			Establishment	51
			Tools and plant	..
			Total, Direct Charges	168
			Indirect charges	1
			Total, Direct and Indirect Charges	169

PELANDORAI ANICUT SYSTEM—*Canal Project—cont.*

No. 4.—Interest Account for and to end of 1936-1937.

	Amount.		Amount.
	RS.		RS.
Total interest charges to end of 1935-1937	11,69,198	Net revenue realized to end of 1935-1936	7,43,743
* Total interest charges for the year 1936-1937	21,883	Net revenue realized during 1936-1937	38,274
		Balance, net interest charges	4,09,064
Total ..	11,91,081	Total ..	11,91,081
* Interest at 3.252 per cent on the outlay to end of 1916-1917.	20,320		
Interest at 4.85 per cent on the outlay of Rs. 32,225 from 1917-1918 to 1935-1936 plus half the outlay during 1936-1937 ..	1,563		
	21,883		

No. 5.—Account of Indirect Charges for and to end of 1936-1937.

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	..	29,994
Audit and accounts	108	2,204
Total ..	108	33,269
Grand Total ..	108	82,041

PALANDORAI 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	3,32,345	1,88,292	5,20,637	..	..	..	5,20,637
Establishment ..	73,999	43,427	1,17,426	..	..	..	1,17,426
Tools and plant ..	4,438	1,599	6,037	..	..	..	6,037
Suspense account ..	..	..	..	..	..	..	..
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	27,489	418	27,907	..	..	..	27,907
Lease and pension	14,789	6,096	20,885	..	..	..	20,885
Allowances ..	..	..	..	..	..	..	..
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 10th February 1894.

PALAR ANICUT SYSTEM—Canal Project.

No. 2.—Capital Account for and to end of 1936-1937.

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	..	2,10,583	2,10,583
(2) Main canals and branches	..	4,37,276	4,37,276
(3) Distributaries	..	1,75,234	1,95,313
Old outlay	..	10,26,978	10,26,978
Total, Works	..	18,50,071	18,70,150
II. Establishment	..	4,69,061	4,74,540
III. Tools and plant	..	30,042	30,444
Grand total	..	23,49,174	23,75,134
V. Less receipts on capital account	..	672	672
Net outlay in India and England	..	23,48,502	23,74,462

PALAR ANICUT SYSTEM—Canal Project—cont.
No. 3.—Revenue Account for and to end of 1936-1937.

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	..	2,14,749
5. Receipts from plantations ..	..	25,455	(2) Main canals and branches ..	..	1,85,158
6. Receipts from other canal produce	73	46,991	(3) Distributaries	78	2,70,230
9. Rents of buildings	363	6,917	(4) Drainage and protective works ..	..	1,152
10. Fines	..	64	(5) Special tools and plant	..	..
11. Miscellaneous	434	35,612	<i>Add</i> —Unclassifiable outlay	..	32,342
Recoveries of expenditure	845	417		78	7,03,631
<i>Deduct</i> —Refunds	..	1,648			
			II. MAINTENANCE AND REPAIRS—		
			(1) Head works	11,163	3,42,759
			(2) Main canals and branches ..	18,031	11,38,051
			(3) Distributaries	49,001	15,96,266
			(4) Drainage and protective works ..	..	5,742
			(5) Special tools and plant	..	..
			<i>Add</i> —Unclassifiable outlay	..	99,655
				78,245	31,82,473
Total Revenue realized in Public Works Department	1,367	1,14,813			
Irrigation Revenue realized in Civil Department	96,867	88,25,259			
			Total, Extensions and Improvements and Maintenance and Repairs	78,323	38,86,104
Total, Direct Receipts	98,234	89,40,102			
II. INDIRECT RECEIPTS—			IV. ESTABLISHMENT	23,598	10,19,107
Share of land revenue collected in the Civil Department	16,852	11,99,212	V. TOOLS AND PLANT	369	26,623
			VI. REFUNDS OF REVENUE	..	10,383
Total, Public Works and Civil Departments, Revenue	1,15,086	1,01,39,314	<i>Deduct</i> —Recoveries on Revenue account ..	..	19
				1,02,290	49,42,208
			Total, Direct Charges		

ADMINISTRATIVE ACCOUNTS
FOR THE YEAR 1936-1937.

Total, Receipts	1,15,086	1,01,39,314	Share of collection charges in the Civil Department	5,635	5,33,733
			Indirect charges	783	1,36,163
			Total, Direct and Indirect Charges	1,08,708	56,12,104
			<i>Deduct</i> —Old maintenance charges saved to Government *	3,990	3,35,082
			Net Total	1,04,718	52,77,022
			Balance, Net Revenue	10,368	48,62,292
			Grand Total	1,15,086	1,01,39,314
			* Direct—		
			Extensions and improvements	RS.	RS.
			Maintenance and repairs	..	178
			Establishment	..	2,909
			Tools and plant	..	855
				..	17
			Indirect		
					
			Total, Direct	3,959	
			Total, Direct and Indirect	31	
			Total, Direct and Indirect		3,990

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 1935–1936	Net revenue realized to end of 1935–1936
52,86,875	48,61,024
Total interest charges for the year 1936–1937	Net revenue realized during 1936–1937
78,479	10,368
Total	Balance, net interest charges
53,65,354	5,03,062
	Total
	53,65,354

* Interest at 3·3252 per cent on the outlay to end of 1916–1917. Interest at 4·85 per cent on the outlay of Rs. 25,379 from 1917–1918 to end of 1935–1936 and half the outlay during 1936–1937

77,248
1,231
Total 78,479

No. 5.—Account of Indirect Charges for and to end of 1936–1937.

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	783	12,093
Total	783	1,36,163
Grand Total	783	2,53,467

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	..	20,079	20,079	18,50,071
Establishment	3,99,070	69,991	4,69,061	..	5,479	5,479	4,69,061
Tools and plant	29,875	167	30,042	..	402	402	30,042
Suspense account	..	..	..	..	..	..	..
Total	19,51,823	3,97,351	23,49,174	..	25,960	25,960	23,49,174
<i>Less—Receipts on Capital Account</i>	..	672	672	..	..	..	672
Net Total	19,51,823	3,96,679	23,48,502	..	25,960	25,960	23,48,502
<i>Indirect Charges.</i>							
Capitalized abatement of land revenue	23,054	2,504	25,558	..	..	..	25,558
Leave and pension allowances	81,976	9,668	91,644	..	..	..	91,644
Audit and accounts	..	102	102	..	201	201	102
Total	1,05,030	12,274	1,17,304	..	201	201	1,17,304
Grand Total	20,56,853	4,08,953	24,65,806	..	26,161	26,161	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.

MUNIYERU SYSTEM—Canal Project.

No. 2.—Capital Account for and to end of 1936-1937.

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	..	70,241	70,241
(2) Main canals and branches	3,202	3,30,738	3,33,671
(3) Distributaries	..	67,084	67,084
(6) Special tools and plant	..	..	..
Total, Works	3,202	4,68,063	4,70,996
II. Establishment	1,162	1,05,704	1,06,201
III. Tools and plant	8	3,736	3,862
V. Less receipts on capital account	..	1,732	1,732
Net outlay in India and England	4,372	5,75,771	5,79,317

MUNIYERU SYSTEM—Canal Project—cont.
No. 3.—Revenue Account for and to end of 1936-1937.

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	..	1,577	(1) Head works	..	2,579
6 Receipts from other canal produce	983	18,161	(2) Main canals and branches	1,462	8,011
9 Rents of buildings	92	2,236	(3) Distributaries	..	974
11. Miscellaneous	1	4,390	(4) Drainage and protective works	..	34
Recoveries of expenditure	..	6	(5) Special tools and plant	..	..
Deduct refunds	5	66	Total	1,462	11,593
Total, Revenue realized in Public Works Department	1,071	26,304	II. MAINTENANCE AND REPAIRS—		
Irrigation Revenue realized in Civil Department	47,948	8,87,279	(1) Head works	1,532	91,803
Total, Direct Receipts	49,019	9,13,583	(2) Main canals and branches	7,486	1,22,641
			(3) Distributaries	941	32,883
			(4) Drainage and protective works	..	10
			(5) Special tools and plant	..	..
			Add—Unclassifiable outlay	..	..
			Total	9,959	2,47,337
			Total, Extensions and Improvements and Maintenance and Repairs	11,421	2,58,935
			IV. ESTABLISHMENT	5,308	90,972
			V. TOOLS AND PLANT	28	1,997
			VI. REFUNDS OF REVENUE	..	51
			Total, Direct Charges	16,757	3,51,955

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.
<i>Direct Charges.</i>							
Works ..	4,63,179	1,617	4,64,796	3,267	6,200	2,933	4,68,063
Establishment ..	1,03,806	710	1,04,516	1,188	1,685	497	1,05,704
Tools and plant ..	3,713	15	3,728	8	124	116	3,736
Suspense account ..	..	..	..	..	..	..	..
Total ..	5,70,698	2,342	5,73,040	4,463	8,009	3,546	5,77,503
<i>Less—Receipts on Capital account ..</i>	1,732	..	1,732	..	..	..	1,732
Net Total ..	5,68,966	2,342	5,71,308	4,463	8,009	3,546	5,75,771
<i>Indirect Charges.</i>							
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	32	62	30	48
Total ..	29,636	115	29,751	32	62	30	29,783
Grand Total ..	5,98,602	2,457	6,01,059	4,495	8,071	3,576	6,05,554
The construction estimate of the project was closed in 1901-1902 and the completion report approved in G.O. No. 196 I., dated 14th July 1922.							

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

DONDAPAD TANK—*Tank Project.*

No. 2.—Capital Account for and to end of 1936-1937.

[Vide details on page 190 of the Administrative Accounts for 1934-1935.]

DONDAPAD TANK—Tank Project—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.		
I. DIRECT RECEIPTS—							
5. Receipts from plantations ..	..	165	I. EXTENSIONS AND IMPROVEMENTS—				
6. Receipts from other canal produce ..	..	635	(1) Head works ..	..	..	73	
II. Miscellaneous ..	..	256	(2) Main canals and branches ..	..	..	..	
			(3) Distributaries ..	..	237	959	
			(4) Drainage and productive works ..	..	..	..	
			(5) Special tools and plant ..	..	..	..	
			Total ..	237	1,032		
II. MAINTENANCE AND REPAIRS—							
Total, Revenue realized in Public Works Department ..	..	1,056	(1) Head works ..	..	..	7,216	
Irrigation Revenue realized in Civil Department ..	1,783	28,631	(2) Main canals and branches ..	..	..	149	
			(3) Distributaries ..	..	29	3,712	
			(4) Drainage and productive works ..	..	..	..	
			(5) Special tools and plant ..	..	..	..	
Total, Direct Receipts ..	1,783	29,687	444—Unclassifiable outlay ..	..	..	..	
			Total ..	29	11,077		
III. INDIRECT RECEIPTS—							
Share of land revenue collected in the Civil Department ..	10	162	Total, Extensions and Improvements and Maintenance and Repairs ..				
			IV. ESTABLISHMENT ..				
			V. TOOLS AND PLANT ..				
			VI. REFUNDS OF REVENUE ..				
			Total, Direct Charges ..				
Total, Public Works and Civil Departments, Revenue ..	1,793	29,849	Share of collection charges in the Civil Department ..				
			Indirect charges ..				
			Total, Direct and Indirect Charges ..				
			Balance, net revenue ..				
Total, Receipts ..	1,793	29,849	Grand Total ..				
			18,065				
			•11,784				
			29,849				

No. 4.—Interest Account for and to end of 1936-1937.

	Amount.		Amount.
	RS.		RS.
Total interest charges to end of 1935-1936	1,86,765	Net revenue realized to end of 1935-1936	10,487
* Total interest charges for the year 1936-1937	4,149	Net revenue realized during 1936-1937	1,317
		Balance, net interest charges ..	1,79,130
Total ..	<u>1,90,914</u>	Total ..	<u>1,90,914</u>
	RS.		
* Interest at 3·3252 per cent on the outlay to end of 1916-1917.	4,149		
Interest at 4·85 per cent on the outlay of Rs. nil from 1917-1918 to end of 1935-1936 plus half the outlay during 1936-1937	..		
Total ..	<u>4,149</u>		

No. 5.—Account of Indirect Charges for and to end of 1936-1937.

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	3	15
Total ..	3	497
Grand Total ..	3	15,715

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 canal sanction.	Total.	Charges to date.	Amount of sanctioned estimate.	Unspent balance of estimate.	
	RS.	RS.	RS.				RS.
<i>Direct Charges.</i>							
Works ..	96,521	9,327	1,05,848	..	..	..	1,05,848
Establishment ..	17,017	1,928	18,945	..	..	..	18,945
Tools and plant ..	..	..	..	..	..	..	..
Suspense account ..	..	..	..	..	..	..	..
Total ..	1,13,538	11,255	1,24,793	..	..	..	1,24,793
<i>Less—Receipts on Capital account ..</i>	7	..	7	..	..	..	7
Net Total ..	1,13,531	11,255	1,24,786	..	..	..	1,24,786
<i>Indirect Charges.</i>							
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 1903 and the completion report approved in G.O. No. 61 I, dated 6th February 1914.

YERUR TANK—*Tank Project*.

No. 2.—Capital Account for and to end of 1936-1937.
[Vide details on page 194 of the Administrative Accounts for 1934-35.]

YERUR TANK—Tank Project—cont.
No. 3.—Revenue Account for and to end of 1936–1937.

Receipts.	TOTAL.		Charges.
	During the year. RS.	To end of the year. RS.	
I. DIRECT RECEIPTS—			
6. Receipts from other canal produce	..	..	I. EXTENSIONS AND IMPROVEMENTS—
9. Rents of buildings	..	..	(1) Head works
11. Miscellaneous	..	..	(2) Main canals and branches
			(3) Distributaries
			(4) Drainage and protective works
			(5) Special tools and plant
			Total
			235
			235
			17,595
Total, Revenue realized in Public Works Department	3,375	60,081	400
			17,595
Irrigation revenue realized in Civil Department	3,375	60,081	400
Total, Direct Receipts	3,375	60,081	400
II. INDIRECT RECEIPTS—			
Share of land revenue collected in the Civil Department	86	1,667	679
			173
			4
			856
Total, Public Works and Civil Departments, Revenue	3,461	61,748	2,405
			3,461
Total, Receipts	3,461	61,748	3,461

YERUR TANK—Tank Project—cont.

No. 4.—Interest Account for and to end of 1936–1937.

	Amount. RS.		Amount. RS.
Total interest charges to end of 1935–1936	65,501	Net revenue realized to end of 1935–1936	32,667
*Total interest charges for the year 1936–1937	2,053	Net revenue realized during 1936–1937	2,605
		Balance, net interest charges	32,282
Total ..	67,554	Total ..	67,554
*Interest at 3·3252 per cent on the outlay to end of 1916–1917	2,053		
Interest at 4·85 per cent on the outlay of Rs. nil from 1917–1918 to end of 1935–1936 plus half the outlay during 1936–1937	..		
Total ..	2,053		

No. 5.—Account of Indirect Charges for and to end of 1936–1937.

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	45
Total ..	4	432
Grand Total ..	4	2,044

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.	Expenditure against open canal sanction.	Total.	Charges to date.	Amount of sanctioned estimate.	
	RS.	RS.	RS.			RS.
<i>Direct Charges.</i>						
Works ..	48,303	1,916	50,219	..	..	50,219
Establishment ..	11,110	412	11,522	..	..	11,522
Tools and plant ..	..	..	..	..	..	..
Suspense account ..	..	..	..	..	..	..
Total ..	59,413	2,328	61,741	..	..	61,741
<i>Less—Receipts on capital account ..</i>	..	..	..	..	..	..
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 1936-1937.

[Vide details on page 198 of the Administrative Accounts for 1934-35.]

SAGILERU SYSTEM—Canal Project—cont.
No. 3.—Revenue Account for and to end of 1936-1937.

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.	..	53	I. EXTENSIONS AND IMPROVEMENTS—		
6. Receipts from other canal produce	..	292	(1) Head works	..	1,180
9. Rents of buildings ..	56	1,158	(2) Main canals and branches ..	19	9,389
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	56	1,705	(5) Special tools and plant	..	..
			Total ..	19	11,262
II. IRRIGATION REVENUE REALIZED IN CIVIL DEPARTMENT	704	84,014	II. MAINTENANCE AND REPAIRS—		
			(1) Head works	1,222	12,803
			(2) Main canals and branches ..	3,394	1,09,028
			(3) Distributaries	..	5,590
			(4) Drainage and protective works ..	..	..
			(5) Special tools and plant	..	..
			Total ..	4,616	1,27,421
Total, Direct Receipts ..	760	85,719	Total, Extensions and Improvements and Maintenance and Repairs	4,635	1,38,683
			IV. ESTABLISHMENT	1,086	38,263
			V. TOOLS AND PLANT	10	558
			VI. REFUNDS OF REVENUE	..	..
			Total, Direct Charges	5,731	1,77,504

SAGILERU SYSTEM—Canal Project—cont.
No. 3.—Revenue Account for and to end of 1936-1937—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	26	398	Share of collection charges in the Civil Department	36	4,220
Total, Public Works and Civil Departments, Revenue	786	86,117	Indirect charges	46	4,250
Net deficit, if any	2,350	34,952	Total, Direct and Indirect Charges	5,813	1,85,974
			* Deduct old maintenance charges saved to Government	2,677	64,905
			Net Total	3,136	1,21,069
			Balance, Net revenue	..	..
			Grand Total	3,136	1,21,069
Total ..	3,136	1,21,069			
* Direct—					
Extensions and Improvements	..	500	Indirect	..	22
Maintenance and Repairs	..	1,685	Total, Direct and Indirect	..	2,677
Establishment	..	465			
Tools and plant	..	5			
Total, Direct	..	2,655			

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PUBLIC WORKS DEPARTMENT.

SAGILERU SYSTEM—Canal Project—cont.

No. 4.—Interest Account for and to end of 1936-1937.

	Amount. RS.		Amount. RS.
Total interest charges to end of 1935-1936	6,33,134	Net revenue realized to end of 1935-1936	— 32,602
Total interest charges for the year 1936-1937—		Net revenue realized during 1936-1937	— 2,350
Interest at 3·3252 per cent on the outlay to end of 1916-1917 ..	14,867	Balance, net interest charges ..	6,87,953
Interest at 4·85 per cent on the outlay of Rs. nil from 1917-1918 to end of 1935-1936 + half the outlay during 1936-1937 ..	Nil.		
Total ..	6,53,001	Total ..	6,53,001

No. 5.—Account of Indirect Charges for and to end of 1936-1937.

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	710
Total ..	46	4,250
Grand Total ..	46	21,869

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. 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.				
Works ..	3,54,321	..	3,54,321	..	..	..	3,54,321
Establishment ..	80,338	..	80,338	..	..	..	80,338
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 L, dated 31st March 1913.

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ADMINISTRATIVE ACCOUNTS
FOR THE YEAR 1936-1937.

MADRAS PRESIDENCY.

IRRIGATION BRANCH.

PUBLIC WORKS DEPARTMENT.

ATMAKUR TANK—*Tank Project.*

No. 2.—Capital Account for and to end of 1936-1937.

[Vide details on page 203 of the Administrative accounts
for 1934-35.]

ADMINISTRATIVE ACCOUNTS
FOR THE YEAR 1936-1937.

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	..	..	..	..	766
4. Water-supply of towns ..	..	..	..	..	136
5. Receipts from plantations ..	..	..	..	..	902
6. Receipts from other canal produce	6	29	..	..	7,495
8. Navigation receipts	..	..	..	106	3,173
9. Rents of buildings	..	..	..	..	3,578
10. Fines	..	..	..	..	..
11. Miscellaneous	..	7	..	106	14,246
Total Revenue realized in the Public Works Department ..	6	36	..	106	15,148
Irrigation Revenue realized in Civil Department	1,642	54,400	..	..	6,473
Total, Direct Receipts.	1,648	54,436	..	208	70
II. INDIRECT RECEIPTS—					
Share of Land Revenue collected in the Civil Department ..	..	..	Share of collection charges in the Civil Department	82	2,719
Total, Public Works and Civil Departments—Revenue ..	1,648	54,436	Indirect charges	1	654
			Total, Direct and Indirect Charges ..	291	24,964
			Balance, net revenue	1,857	29,472
			Grand Total	1,648	54,436

ATMAKUR TANK—*Tank Project*—cont.

No. 4.—Interest Account for and to end of 1936-1937.

	Amount. RS.		Amount. RS.
Total interest charges to end of 1935-1936 ..	1,18,321	Net revenue realized to end of 1935-1936 ..	28,115
Total interest charges for the year 1936-1937—		Net revenue realized during 1936-1937 ..	1,357
Interest at 3-3252 per cent on the outlay to end of 1916-1917 ..	3,656	Balance, net interest charges ..	92,602
Interest at 4-85 per cent on the outlay of Rs. 2,008 from 1917-1918 to end of 1935-1936 + half the outlay during 1936-1937 ..	97		
	3,753		
Total ..	1,22,074	Total ..	1,22,074

No. 5.—Account of Indirect Charges for and to end of 1936-1937.

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 ..	..	103
Total ..	1	654
Grand Total ..	1	14,098

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. RS.
	Expenditure against construction estimate.	Expenditure against open canal sanction.	Total.	Charges to date.	Amount of sanctioned estimate.	Unspent balance of estimate.	
Direct Charges.	RS.	RS.	RS.				
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
Less—Receipts on Capital account ..	..	..	..	..	..	..	..
Net Total ..	1,09,951	2,008	1,11,959	..	..	..	1,11,959
Indirect Charges.							
Capitalized abatement of land revenue ..	10,802	..	10,802	..	..	..	10,802
Leave and pension allowances ..	2,626	..	2,626	..	..	..	2,626
Audit and accounts ..	..	16	16	..	..	..	16
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.

JANGAMAHEWARAPURAM TANK—*Tank Project*.

No. 2.—Capital Account for and to end of 1936–1937.

[Vide details on page 207 of the Administrative accounts
for 1934–35.]ADMINISTRATIVE ACCOUNTS
FOR THE YEAR 1936–1937.JANGAMAHEWARAPURAM TANK—*Tank Project*—cont.
No. 3.—Revenue Account for and to end of 1936–1937.

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	..	2	(1) Head works	177
11. Miscellaneous	5	1,374	(2) Main canals and branches	32
Total Revenue realized in Public Works Department	..	14	(3) Distributaries	587
			(4) Drainage and protective works	..
			(5) Special tools and plant	..
			Total	796
			II. MAINTENANCE AND REPAIRS—	
			(1) Head works	2,775
			(2) Main canals and branches	352
			(3) Distributaries	3,408
			(4) Drainage and protective works	467
			(5) Special tools and plant	..
			Add—Unclassifiable outlay	..
			Total	7,002
Irrigation revenue realized in Civil Department	511	22,135	Total, Extensions and Improvements and Maintenance and Repairs	7,798
Total, Direct Receipts	516	23,525	IV. ESTABLISHMENT	3,300
II. INDIRECT RECEIPTS—			V. TOOLS AND PLANT	— 4
Share of land revenue collected in the Civil Department	..	..	VI. REFUNDS OF REVENUE	..
Total, Public Works and Civil Departments—Revenue	516	23,525	Total, Direct Charges	11,094
			Share of collection charges in the Civil Department	26
			Indirect charges	2
			Total, Direct and Indirect Charges	333
			Balance, net revenue	183
			Grand Total	23,525
Total, Receipts	516	23,525		

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PUBLIC WORKS DEPARTMENT.

JANGAMAHESWARAPURAM TANK—*Tank Project*—cont.

No. 4.—Interest Account for and to end of 1936–1937.

Particulars.	Amount. RS.	Particulars.	Amount. RS.
Total interest charges to end of 1935–1936	67,576	Net revenue realized to end of 1935–1936	10,793
Total interest charges for the year 1936–1937—		Net revenue realized during 1936–1937	183
Interest at 3·3252 per cent on the outlay to end of 1916–1917	2,034	Balance, net interest charges ..	58,638
Interest at 4·85 per cent on the outlay of Rs. 81 from 1917–1918 to end of 1935–1936 plus half the outlay during 1936–1937. 4 }	2,038		
Total ..	69,614	Total ..	69,614

No. 5.—Account of Indirect Charges for and to end of 1936–1937.

Particulars.	During the year. RS.	To end of the year. RS.
CAPITAL—		
Capitalization of abatement of land revenue ..	..	9,194
Leave and pension allowances	..	1,217
Total ..	..	10,411
REVENUE—		
Leave and pension allowances	..	317
Audit and accounts	2	35
Total ..	2	352
Grand Total ..	2	10,763

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1936–1937.

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MADRAS PRESIDENCY.

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. 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	50,880	1,584	52,564	..	..	..	52,564
Establishment	8,352	337	8,689	..	..	..	8,689
Tools and plant	..	..	..	..	..	..	..
Suspense account	..	..	..	..	..	..	61,253
Total	59,332	1,921	61,253	..	..	..	..
<i>Less—Receipts on Capital account</i>	..	..	..	..	..	..	..
Net Total	59,332	1,921	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 1936-1937.

[Vide details on page 211 of the Administrative Accounts
for 1934-35.]ADMINISTRATIVE ACCOUNTS
FOR THE YEAR 1936-1937.ANAMASAMUDRAM-BERAPERU TANK—*Tank Project*—cont.

No. 3.—Revenue Account for and to end of 1936-1937.

Receipts.	TOTAL.		Charges.
	During the year. RS.	To end of the year. RS.	
DIRECT RECEIPTS—			
6. Receipts from other canal produce	..	..	I. EXTENSIONS AND IMPROVEMENTS— (1) Head works 388 (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— (1) Head works 32 (2) Main canals and branches (3) Distributaries (4) Drainage and protective works (5) Special tools and plant Add—Unclassifiable outlay Total 32
11. Miscellaneous	..	..	
Total, Revenue realized in Public Works Department	574	1,108	
Irrigation revenue realized in Civil Department	574	1,076	
Total, Direct Receipts	1	29	
II. INDIRECT RECEIPTS—			
Share of land revenue collected in the Civil Department	..	..	IV. ESTABLISHMENT V. TOOLS AND PLANT VI. REFUNDS OF REVENUE Total, Direct Charges Share of collection charges in the Civil Department Indirect charges

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 ..	52,139	6,292	58,421	..	..	58,421
Establishment ..	11,915	1,351	13,266	..	..	13,266
Tools and plant ..	..	..	..	..	..	..
Suspense account ..	..	..	..	..	..	..
Total ..	64,054	7,633	71,687	..	..	71,687
<i>Less—</i> 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 ..	1,867	189	1,856	..	..	1,856
Total ..	1,897	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 L. dated 5th March 1912.

HAJIPURAM TANK—*Tank Project*.

No. 2.—Capital Account for and to end of 1936-1937.

[Vide details on page 216 of the Administrative Accounts for 1934-1935.]

No. 3.—Revenue Account for and to end of 1936-1937.

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 produce.	..	101	I. EXTENSIONS AND IMPROVEMENTS—		
Miscellaneous	..	11,890	(1) Head works	..	1,258
			(2) Main canals and branches	..	..
			(3) Distributaries	..	..
			(4) Drainage and protective works	..	130
			(5) Special tools and plant	..	..
			Total	..	1,388
Total Revenue realized in Public Works Department	..	11,991	II. MAINTENANCE AND REPAIRS—		
Irrigation Revenue realized in Civil Department	3,471	66,198	(1) Head works	477	9,291
			(2) Main canals and branches	..	83
			(3) Distributaries	..	232
			(4) Drainage and protective works	..	..
Total, Direct Receipts	3,471	73,189	(5) Special tools and plant	..	..
			Add—Unclassifiable outlay	..	..
			Total	477	9,606
II. INDIRECT RECEIPTS—					
Share of land revenue collected in the Civil Department	70	516	Total, Extensions and Improvements and Maintenance and Repairs	477	10,994
			IV. ESTABLISHMENT	265	4,563
			V. TOOLS AND PLANT	1	69
Total, Public Works and Civil Departments, Revenue	3,541	73,705	VI. REFUNDS OF REVENUE	..	..
			Total, Direct Charges	743	15,626
Total, Receipts	3,541	73,705	Share of collection charges in the Civil Department	176	3,334
			Indirect charges	5	372
			Total, Direct and Indirect Charges. Balance, net revenue	924	19,332
				2,617	59,373
			Grand Total	3,541	73,705

FOR THE YEAR 1936-1937.

HAJIPURAM TANK—*Tank Project*—cont.

No. 4.—Interest Account for and to end of 1936-1937.

	Amount.		Amount.
	RS.		RS.
Total interest charges to end of 1935-1936	2,87,806	Net revenue realized to end of 1935-1936	56,756
* Total interest charges for the year 1936-1937	9,270	Net revenue realized during 1936-1937	2,617
		Balance, net interest charges	2,37,703
Total	<u>2,97,076</u>	Total	<u>2,97,076</u>
			RS.
* Interest at 3.3252 per cent on the outlay to end of 1916-1917			9,270
Interest at 4.85 per cent on the outlay of Rs. nil from 1917-1918 to end of 1935-1936 plus half the outlay during 1936-1937			..
		Total	<u>9,270</u>

No. 5.—Account of Indirect Charges for and to end of 1936-1937.

No. 5.—Account of Indirect Charges for and to end of 1955-1957.			
Particulars.			To end of the year.
			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	.. ..	5	96
	. Total	..	372
	Grand Total	..	33,481

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.	Total.	Charges to date.	Amount of sanctioned estimate.	Unspent balance of estimate.
	RS.	RS.	RS.			RS.
<i>Direct Charges.</i>						
Works ..	2,23,024	2,662	2,30,686	..	..	2,30,686
Establishment ..	47,890	428	48,308	..	..	48,308
Tools and plant ..	..	..	..	..	..	..
Suspense account ..	..	..	..	..	..	..
Total ..	2,75,904	3,090	2,78,994	..	..	2,78,994
<i>Less—Receipts on Capital account ..</i>	220	..	220	..	..	220
Net Total ..	2,75,684	3,090	2,78,774	..	..	2,78,774
<i>Indirect Charges.</i>						
Capitalized abatement of land revenue ..	25,879	467	26,346	..	..	26,346
Leave and pension allowances ..	6,703	60	6,763	..	..	6,763
Total ..	32,582	527	33,109	..	..	33,109
Grand Total ..	3,08,266	3,617	3,11,883	..	..	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 L, dated 25th January 1912.

FOR THE YEAR 1936-1937.

PONNALUR TANK—*Tank Project*.

No. 2.—Capital Account for and to end of 1936-1937.

[Vide details on page 220 of the Administrative Accounts for 1934-1935.]

PONNALUR TANK—*Tank Project*—cont.
No. 3.—Revenue Account for and to end of 1936–1937.

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	..	..	(1) Headworks
11. Miscellaneous	..	176	(2) Main canals and branches
Recoveries of expenditure	..	1	(3) Distributaries
Deduct—Refunds	..	22	(4) Drainage and protective works
			(5) Special tools and plant
Total, Revenue realized in Public Works Department	..	155	Total
Irrigation revenue realized in Civil Department	4,823	1,19,424	II. MAINTENANCE AND REPAIRS—
	4,823	1,19,579	(1) Headworks
Total, Direct Receipts	..	..	(2) Main canals and branches
	..	..	(3) Distributaries
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	4,823	1,19,579	Add—Unclassifiable outlay
Net deficit, if any	—1,721	..	Total
	..	..	Total, Extensions and Improvements and Maintenance and Repairs
	..	..	IV. ESTABLISHMENT
	..	..	V. TOOLS AND PLANT
	..	..	VI. REFUNDS OF REVENUE
	..	..	Share of collection charges in the Civil Department
	..	..	Indirect charges
	..	..	Total, Direct and Indirect Charges
	..	..	Balance, net revenue
	..	..	Grand Total
	3,102	1,37,329	

PONNALUR TANK—*Tank Project*—cont.

No. 4.—Interest Account for and to end of 1936–1937.

	Amount.			Amount.	
	RS.			RS.	
Total interest charges to end of 1935–1936	2,04,480		Net revenue realized to end of 1935–1936	—19,471	
* Total interest charges for the year 1936–1937	6,823		Net revenue realized during 1936–1937	1,721	
			Balance, net interest charges	2,29,053	
Total	2,11,303		Total	2,11,803	

RS.
* Interest at 3.3252 per cent on the outlay to end of 1916–1917 .. 5,532
Interest at 4.85 per cent on the outlay of Rs. 26,613 from 1917–1918 to end of 1935–1936 plus half the outlay during 1936–1937 .. 1,261
Total .. 6,823

No. 5.—Account of Indirect Charges for and to end of 1936–1937.

Particulars.	During the year. RS.	To end of the year. 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	..	467
Total	20	2,653
Grand Total	20	28,327

MARKAPUR TANK—*Tank Project.*

No. 2.—Capital Account for and to end of 1936-1937.

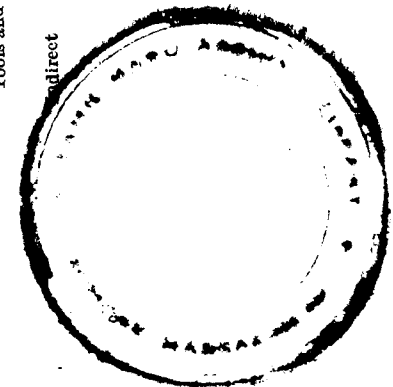
[Vide details on page 224 of the Administrative Accounts
for 1934-35.]Ponnalur Tank—*Tank Project—cont.*
No. 3.—Statement comparing Charges to date with Sanctioned Estimates.

Particulars.	CHARGES AGAINST CLOSED SANCTIONS.		CURRENT SANCTIONS.			Total charges to date against old and current sanctions.
	Expenditure against construction estimate.	Expenditure against open casual sanction.	Total.	Charges to date.	Amount of sanctioned estimate.	Unspent balance of estimate.
	RS.	RS.	RS.			RS.
<i>Direct Charges.</i>						
Works ..	1,39,349	21,914	1,61,263	..	..	1,61,263
Re-establishment ..	27,013	4,645	31,658	..	..	31,658
Tools and plant ..	..	54	54	..	..	54
Suspense account ..	..	..	..	..	..	..
Total ..	1,66,362	26,613	1,92,975	..	..	1,92,975
Less—Receipts ..	..	..	..	..	..	..
Capital account ..	1,66,362	26,613	1,92,975	..	..	1,92,975
Net Total ..						
<i>Indirect Charges.</i>						
Capitalized abatement of land revenue ..	21,230	..	21,230	..	..	21,230
Leave and pension allowances ..	3,781	650	4,431	..	..	4,431
Audit and accounts ..	..	13	13	..	..	13
Total ..	25,011	663	25,674	..	..	25,674
Grand Total ..	1,91,373	27,276	2,18,649	..	..	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 13th September 1911.

MARKAPUR TANK—*Tank Project—cont.*

No. 3.—Revenue Account for and to end of 1936-1937.

[illegible]

MARKAPUR TANK—*Tank Project*—cont.

No. 4.—Interest Account for and to end of 1936-1937.

	Amount.		Amount.
	RS.		RS.
Total interest charges to end of 1935-1936	1,14,059	Net revenue realized to end of 1935-1936	17,971
* Total interest charges for the year 1936-1937	4,258	Net revenue realized during 1936-1937	2,997
		Balance, net interest charges	97,349
Total ..	1,18,317	Total ..	1,18,317

* Interest at 3.3252 per cent on the outlay to end of 1916-1917	RS.
Interest at 4.85 per cent on the outlay of Rs. 7,824 from 1917-1918 to end of 1935-1936 plus half the outlay during 1936-1937	3,879
	379
Total ..	4,258

No. 5.—Account of Indirect Charges for and to end of 1936-1937.

Particulars.	During the year.	To end of the year.
	RS.	RS.
CAPITAL—		
Capitalization of abatement of land revenue	..	1,595
Leave and pension allowances	..	3,206
Audit and accounts	..	58
Total ..	..	4,859
REVENUE—		
Capitalization of abatement of land revenue	..	19
Leave and pension allowances	..	1,484
Audit and accounts	22	546
Total ..	22	2,049
Grand Total ..	22	6,908

ADMINISTRATIVE ACCOUNTS
FOR THE YEAR 1936-1937.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.
Direct Charges.							
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
Less—Receipts on Capital account.	..	..	..	..	..	..	..
Net Total ..	1,14,953	9,528	1,24,481	..	..	..	1,24,481
Indirect Charges.							
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 1936–1937.

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	..	4,71,344	4,71,344
(2) Main canals and branches	..	5,90,179	5,90,179
(3) Distributaries	3,614	2,61,449	2,74,774
(6) Special tools and plant maintenance during construction	..	16,500	16,500
Total, Works ..	3,614	13,39,472	13,62,797
II. ESTABLISHMENT	1,146	2,79,217	2,79,041
III. TOOLS AND PLANT	32	93,405	93,853
V. LESS RECEIPTS ON CAPITAL ACCOUNT	171	5,308	5,308
Net outlay in India and England	4,621	17,06,786	17,20,393

NAGAVALLI RIVER SYSTEM—*Canal Project—cont.*
No. 3.—Revenue Account for and to end of 1936–1937.

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.	16	135	(1) Head works	984	2,762
6. Receipts from other canal produce	357	8,736	(2) Main canals and branches	..	25,915
8. Navigation	..	1	(3) Distributaries	..	16,238
9. Rents of buildings	72	2,781	(4) Drainage and protective works	..	..
11. Miscellaneous	152	4,835	(5) Special tools and plant	..	..
Recoveries of expenditure.	..	252	Total	984	44,960
Debit—Refunds	..	131	II. MAINTENANCE AND REPAIRS—		
Total, Revenue realized in Public Works Department	597	16,609	(1) Head works	2,513	1,02,737
Irrigation Revenue realized in Civil Department	69,376	15,71,072	(2) Main canals and branches	18,107	2,32,096
Total, Direct Receipts ..	69,973	15,87,681	(3) Distributaries	4,380	59,868
			(4) Drainage and protective works	..	390
			(5) Special tools and plant	..	..
			Add—Unclassifiable outlay	..	..
			Total	25,000	3,95,091
			Total, Extensions and Improvements and Maintenance and Repairs	25,984	4,40,051
			IV. ESTABLISHMENT	10,482	2,05,074
			V. TOOLS AND PLANT	230	6,087
			VI. REFUNDS OF REVENUE	..	281
			Total, Direct Charges.	36,696	6,51,493

NAGAVALLI RIVER SYSTEM—*Canal Project*—cont.
No. 3. Revenue Account for and to end of 1936-1937—cont.

Receipts.	<u>TOTAL.</u>		<u>Total.</u>
	During the year. RS.	To end of the year. RS.	
III. INDIRECT RECEIPTS—			
Shares of land revenue collected in the Civil Department ..	21,503	3,27,354	Share of collection charges in the Civil Department
Total, Public Works and Civil Departments, Revenue ..	91,476	19,15,035	Indirect Charges
			Total, Direct and Indirect Charges.
			Deduct—Old maintenance charges saved to Government *
			Net Total
			Balance, net revenue
Total, Receipts ..	91,476	19,15,035	Grand Total
			* Direct—
			Extensions and improvements
			Maintenance and repairs
			Establishment
			Tools and plant
			Indirect
			Total, Direct
			
			
			Total, Direct and Indirect

NAGAVALLI RIVER SYSTEM—*Canal Project*—cont.

No. 4.—Interest Account for and to end of 1936-1937.

	Amount.		Amount.
	RS.		RS.
Total interest charges to end of 1935-1936	15,54,113	Net revenue realized to end of 1935-1936	11,94,500
Total interest charges for the year 1936-1937—		Net revenue realized during 1936-1937	54,636
RS.		Balance net interest charges ..	3,62,705
Interest at 3·3252 per cent on the outlay to end of 1916-1917	54,385		
Interest at 4·85 per cent on the outlay of Rs. 68,925 from 1917-1918 to end of 1935-1936 plus half the outlay during 1936-1937..	3,343		
	57,728		
Total ..	16,11,841	Total ..	16,11,841

No. 5.—Account of Indirect Charges for and to end of 1936-1937.

Particulars.	During the year. RS.	To end of the year. RS.
CAPITAL—		
Capitalization of abatement of land revenue ..	..	4,382
Leave and pension allowances	..	37,815
Audit and accounts	36	345
Total ..	36	42,542
REVENUE—		
Capitalization of abatement of land revenue ..	..	..
Leave and pension allowances	..	15,600
Audit and accounts	260	2,691
Total ..	260	18,291
Grand Total ..	296	60,833

ADMINISTRATIVE ACCOUNTS
FOR THE YEAR 1936-1937.VENKATAPURAM TANK—*Tank Project.*

No. 2.—Capital Account for and to end of 1936-1937.

[Vide details in page 235 of the Administrative Accounts
for 1934-35.]

IRRIGATION BRANCH.

PUBLIC WORKS DEPARTMENT.

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.	
	RS.	RS.	RS.	RS.	RS.	RS.	RS.
<i>Direct Charges.</i>							
Works Establishment ..	12,24,720	1,01,480	13,26,200	13,272	26,597	13,325	13,39,472
Tools and plant ..	2,42,924	28,950	2,71,874	7,843	7,167	178	2,79,217
Suspense account ..	98,355	— 34	98,321	84	532	448	93,405
	..	..	..	..	..	..	..
Total ..	15,60,999	1,30,396	16,91,395	20,699	34,296	13,597	17,12,094
Less—Receipts on Capital account ..	1,374	3,934	5,308	..	..	..	5,308
Net Total ..	15,59,625	1,26,462	16,86,087	20,699	34,296	13,597	17,06,786
<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	132	266	134	345
Total ..	37,282	5,128	42,410	132	2,461	2,329	42,542
Grand Total ..	15,96,907	1,31,590	17,28,497	20,831	36,757	15,926	17,49,328

The construction estimate of the Project was closed on 31st December 1933 and the completion report approved in G.O. No. 71 L, dated 25th February 1930.

VENKATAPURAM TANK—Tank Project—cont.
No. 3.—Revenue Account for and to end of 1936-1937.

Receipts.	TOTAL.	
	During the year. RS.	To end of the year. RS.
I. DIRECT RECEIPTS—		
6. Receipts from other canal produce	..	..
9. Rents of buildings	..	185
11. Miscellaneous	..	158
Total, Revenue realized in Public Works Department	..	..
Irrigation Revenue realized in Civil Department	782	343
Total, Direct Receipts	782	7,030
II. INDIRECT RECEIPTS—		
Share of land revenue collected in the Civil Department.	38	1,743
Total, Public Works and Civil Departments, Revenue	820	..
Net deficit, if any	— 291	8,73
Total	529	9,116
		3,839
		54
		..
		12,099
		668
		423
		14,080
		..
		14,090

ADMINISTRATIVE ACCOUNTS
FOR THE YEAR 1936-1937.

VENKATAPURAM TANK—Tank Project—cont.

No. 4.—Interest Account for and to end of 1936-1937.

	Amount.		Amount.
	RS.		RS.
Total interest charges to end of 1935-1936	3,04,152	Net revenue realized to end of 1935-1936	— 981
* Total interest charges for the year 1936-1937	12,777	Net revenue realized during 1936-1937	291
		Balance, net interest charges	3,17,619
Total ..	<u>3,16,929</u>	Total ..	<u>3,16,929</u>
* Interest at 3.3252 per cent on the outlay to end of 1916-1917.	11,506		
Interest at 4.85 per cent on the outlay of Rs. 26,222 from 1917-1918 to end of 1935-1936 plus half the outlay during 1936-1937.	1,271		
Total ..	<u>12,777</u>		

No. 5.—Account of Indirect Charges for and to end of 1936-1937.

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	..	80
Total	4	423
Grand Total	4	13,094

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 of 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 ..	62,353	2,186	64,539	..	..	..	64,539
Tools and plant ..	4,205	..	4,236	..	..	..	4,236
Suspense account ..	..	..	..	..	..	..	..
Total ..	3,67,366	5,403	3,72,769	..	..	..	3,72,769
<i>Less—Receipts on Capital Account ..</i>	519	..	519	..	..	..	519
Net Total ..	3,66,847	5,403	3,72,250	..	..	..	3,72,250
<i>Indirect Charges.</i>							
Capitalized abatement of land revenue ..	3,627	8	3,635	..	..	..	3,635
Leaves and pension allowances ..	3,728	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.

ADMINISTRATIVE ACCOUNTS
FOR THE YEAR 1936-1937.

BHAVANASI TANK—Tank Project.

No. 2.—Capital Account for and to end of 1936-1937.

[Vide details on page 239 of the Administrative Accounts for 1934-35.]

BHAVANASI TANK—Tank Project—cont.
No. 3.—Revenue Account for and to end of 1936-1937.

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	252	494	(1) Head works	..	734
Recoveries of expenditure	..	..	(2) Main canals and branches	..	272
11. Miscellaneous	..	3	(3) Distributaries	..	4,415
Total, Revenue realized in Public Works Department	252	231	(4) Drainage and protective works	..	..
Irrigation revenue realized in Civil Department	4,790	74,391	(5) Special tools and plant	..	..
Total, Direct Receipts	5,042	75,119	Total	35	5,421
II. INDIRECT RECEIPTS—			II. MAINTENANCE AND REPAIRS—		
Share of land revenue collected in the Civil Department	..	..	(1) Head works	618	10,228
Total, Public Works and Civil Department, Revenue	5,042	75,119	(2) Main canals and branches	..	25,292
			(3) Distributaries	..	5,136
			(4) Drainage and protective works	..	1,309
			(5) Special tools and plant	..	..
			Add—Unclassifiable outlay	..	..
			Total	1,227	41,965
			Total, Extensions and Improvements and Maintenance and Repairs	1,262	47,986
			IV. ESTABLISHMENT	520	18,861
			V. TOOLS AND PLANT	3	283
			VI. REFUNDS OF REVENUE	..	..
			Deduct—Recoveries on Revenue account	..	400
			Total, Direct Charges	1,785	66,130
			Share of collection charges in the Civil Department	239	3,718
			Indirect Charges	13	1,732
			Total, Direct and Indirect Charges	2,037	71,580
			Balance, net revenue	3,005	3,539
			Grand Total	5,042	75,119

ADMINISTRATIVE ACCOUNTS
FOR THE YEAR 1936-1937.

BHAVANASI 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 1935-1936	1,99,889	Net revenue realized to end of 1935-1936	534
* Total interest charges for the year 1936-1937	9,613	Net revenue realized during 1936-1937	3,005
		Balance, net interest charges	2,05,963
Total	2,09,502	Total	2,09,502

* Interest at 3.3252 per cent on the outlay to end of 1916-1917 5,941
 Interest at 4.85 per cent on the outlay of Rs. 75,718 from 1917-1918 to end of 1935-1936 plus half the outlay during 1936-1937 3,672
 Total 9,613

No. 5.—Account of Indirect Charges for and to end of 1936-1937.

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	..	..
Leave and pension allowances	..	1,282
Audit and accounts	13	450
Total	13	1,732
Grand Total	13	12,828

IRRIGATION BRANCH.

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PUBLIC WORKS DEPARTMENT.

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.
	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 ..	1,82,434	3,445	1,85,879	..	..	1,85,879
Re-establishment ..	41,653	1,450	43,103	..	..	43,103
Tools and plant ..	25,660	50	25,710	..	..	25,710
Suspense account ..	..	..	..	..	..	..
Total ..	2,49,747	4,945	2,54,692	..	..	2,54,692
<i>Less—Receipts on Capital account ..</i>	186	131	297	..	..	297
Net Total ..	2,49,561	4,814	2,54,395	..	..	2,54,395
<i>Indirect Charges.</i>						
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. 188 I, dated 2nd May 1921.

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ADMINISTRATIVE ACCOUNTS
FOR THE YEAR 1936-1937.

MADRAS PRESIDENCY.

YELLANUR TANK—Tank Project.

No. 2.—Capital Account for and to end of 1936-1937.

[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 1936-1937.

Receipts.	TOTAL.		Charges.
	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
9. Rents of buildings	..	..	Total
11. Miscellaneous	..	..	II. MAINTENANCE AND REPAIRS— (1) Head works (2) Main canals and branches (3) Distributaries (4) Drainage and protective works (5) Special tools and plant
Total, Revenue realized in Public Works Department	..	..	Total
III. Revenue realized in Civil Department	2,188	45,468	Total, Extensions and Improvements and Maintenance and Repairs
Total, Direct Receipts	2,188	45,468	IV. ESTABLISHMENT
II. INDIRECT RECEIPTS—			V. TOOLS AND PLANT
Share of land revenue collected in the Civil Department	1,104	11,711	VI. REFUNDS OF REVENUE
Total, Public Works and Civil Departments—Revenue	3,292	57,179	Total, Direct Charges
Total, Receipts	3,292	57,179	Share of collection charges in the Civil Department
			Indirect charges
			Total, Direct and Indirect Charges.
			Balance, net revenue
			Grand Total

YELLANUR TANK—Tank Project—cont.

No. 4.—Interest Account for and to end of 1936-1937.

	Amount.		Amount.
	RS.		RS.
Total interest charges to end of 1925-1936	2,01,342	Net revenue realized to end of 1935-1936	38,199
Total interest charges for the year 1935-1936—		Net revenue realized during 1936-1937	2,518
	RS.	Balance, net interest charges	1,68,866
Interest at 3.3252 per cent on the outlay to end of 1916-1917	7,350		
Interest at 4.85 per cent on the outlay of Rs. 18,162 from 1917-1918 to end of 1935-1936 plus half the outlay during 1936-1937	881		
	8,231		
Total	2,09,573	Total	2,09,573

No. 5.—Account of Indirect Charges for and to end of 1936-1937.

Particulars.	During the year. RS.	To end of the year. RS.
CAPITAL—		
Capitalization of abatement of land revenue	..	24,753
Leave and pension allowances	..	5,762
Total	..	30,515
REVENUE—		
Leave and pension allowances	..	185
Audit and account	..	95
Total	..	280
Grand Total	..	30,795

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 Establishment ..	1,83,348	7,944	1,91,292	..	..	..
Tools and plant ..	40,150	1,006	41,156	..	..	..
Suspense account ..	7,072	15	7,087	..	..	..
Total ..	..	..	..	..	..	..
<i>Less—Receipts on Capital account ..</i>	2,30,570	8,965	2,39,535	..	..	..
Net Total ..	..	343	343	..	..	..
<i>Indirect Charges.</i>						
Capitalized abatement of land revenue ..	24,753	..	24,753	..	..	..
Leave and pension allowances ..	5,621	141	5,762	..	..	..
Total ..	30,374	141	30,515	..	..	..
Grand Total ..	2,60,944	8,763	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-I., dated 7th January 1921.

PANJAPATTI RESERVOIR—*Tank Project*.

No. 2.—Capital Account for and to end of 1936–1937.

[Vide details on page 247 of the Administrative accounts for 1934–35.]

PANJAPATTI RESERVOIR—*Tank Project*—cont.
No. 3.—Revenue Account for and to end of 1936-1937.

Receipts.	TOTAL		Charges.	TOTAL
	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 ..	33	920	(1) Head works ..	1,594
9. Rents of buildings ..	..	51	(2) Main canals and branches ..	..
11. Miscellaneous ..	..	108	(3) Distributaries ..	..
			(4) Drainage and protective works ..	..
			(5) Special tools and plant ..	..
Total Revenue realized in Public Works Department ..	33	1,079	Total ..	1,594
Irrigation revenue realized in Civil Department ..	..	8,393	II. MAINTENANCE AND REPAIRS—	
	..		(1) Head works ..	142
			(2) Main canals and branches ..	..
			(3) Distributaries ..	..
			(4) Drainage and protective works ..	..
			(5) Special tools and plant ..	..
			Total ..	142
			Total Extensions and Improvements and Maintenance and Repairs ..	142
			IV. ESTABLISHMENT ..	57
			V. TOOLS AND PLANT ..	..
			VI. REFUNDS OF REVENUE ..	..
			Total, Direct Charges ..	199
Total, Direct Receipts.	33	9,472	Share of collection charges in the Civil Department ..	..
II. INDIRECT RECEIPTS—			Indirect charges ..	1
Share of land revenue collected in the Civil Department ..	..	4,813	Total, Direct and Indirect Charges. Balance, Net revenue ..	200
				167
Total, Public Works and Civil Department—Revenue ..	33	14,285	Grand Total ..	33
Total, Receipts ..	33	14,285		

PANJAPATTI RESERVOIR—*Tank Project*—cont.

No. 4.—Indirect Account for and to end of 1936-1937.

	Amount.		Amount.
	RS.		RS.
Total interest charges to end of 1935-1936 ..	2,50,815	Net revenue realized to end of 1935-1936 ..	5,164
Total interest charges for the year 1936-1937 ..	RS.	Net revenue realized during 1936-1937 ..	— 167
Interest at 3.3252 per cent on the outlay to end of 1916-1917 ..	8,333	Balance, net interest charges ..	2,57,895
Interest at 4.85 per cent on the outlay of Rs. 77,192 from 1917-1918 to end of 1935-1936 plus half the outlay during 1936-1937 ..	12,077		
	3,744		
Total ..	2,62,892	Total ..	2,62,892

No. 5.—Accounts of Indirect Charges for and to end of 1936-1937.

Particulars.	During the year. RS.	To end of the year. RS.
CAPITAL—		
Capitalization of abatement of land revenue ..	..	5,396
Leave and pension allowances ..	..	6,077
Audit and accounts ..	..	25
Total ..	..	11,495
REVENUE—		
Capitalization of abatement of land revenue ..	..	23
Leave and pension allowances ..	1	64
Audit and accounts ..	..	..
Total ..	1	87
Grand Total ..	1	11,582

PANJAPATTI RESERVOIR—*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	2,24,998	..	2,24,998	..	..	..
Establishment ..	43,411	..	43,411	..	..	..
Tools and plant ..	60,075	..	60,075	..	..	..
Suspense account ..	..	..	..	..	..	..
Total ..	3,28,484	..	3,28,484	..	..	..
<i>Less—Receipts on Capital Account ..</i>	703	..	703	..	..	..
Net Total ..	3,27,781	..	3,27,781	..	..	..
<i>Indirect Charges.</i>						
Capitalized abatement of land revenue ..	5,396	..	5,396	..	..	..
Leave and pension allowances ..	6,077	..	6,077	..	..	..
Audit and accounts ..	22	..	22	..	..	..
Total ..	11,495	..	11,495	..	..	..
Grand Total ..	3,39,276	..	3,39,276	..	..	..

The construction estimate of the project was closed on 30th June 1919 and the completion report approved in G.O. No. 1244 I., dated 15th April 1930.

SIDDAPUR TANK—*Tank Project*.

No. 2.—Capital Account for and to end of 1936-1937.

[Vide details on page 251 of the Administrative accounts for 1934-35.]

SIDDAPUR TANK—Tank Project—cont.

No. 3.—Revenue Account for and to end of 1936-1937.

Receipts.	TOTAL		Charges.
	During the year. RS.	To end of the year. RS.	
I. DIRECT RECEIPTS—			
6. Receipts from plantations.	..	..	I. EXTENSIONS AND IMPROVEMENTS—
6. Receipts from other canal produce	..	..	(1) Head works
11. Miscellaneous	..	..	(2) Main canals and branches
	..	..	(3) Distributaries
	..	..	(4) Drainage and protective works ..
	..	..	(5) Special tools and plant
	..	..	Total
Total, Revenue realized in Public Works Department	..	..	II. MAINTENANCE AND REPAIRS—
Irrigation Revenue realized in Civil Department	..	..	(1) Head works
Total, Direct Receipts ..	4,377	37,951	(2) Main canals and branches
	4,377	37,951	(3) Distributaries
			(4) Drainage and protective works ..
			(5) Special tools and plant
			Total
II. INDIRECT RECEIPTS—			Total, Extensions and Improvements and Maintenance and Repairs
Share of land revenue collected in the Civil Department	..	..	IV. ESTABLISHMENT
Total, Public Works and Civil Departments, Revenue ..	4,377	37,951	V. TOOLS AND PLANT
	4,377	37,951	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
Total ..	4,377	37,951	Grand Total

ADMINISTRATIVE ACCOUNTS
FOR THE YEAR 1936-1937.

MADRAS PRESIDENCY.

SIDDAPUR TANK—Tank Project—cont.

No. 4.—Interest Account for and to end of 1936-1937.

	Amount.		Amount.
	RS		RS.
Total interest charges to end of 1935-1936	6,03,367	Net revenue realized to end of 1935-1936	12,919
Total interest charges for the year 1936-1937—		Net revenue realized during 1936-1937	475
	RS.	Balance, net interest charges ..	6,16,340
Interest at 3-3252 per cent on the outlay to end of 1916-1917 ..	26,167		
Interest at 4-85 per cent on the outlay of Rs. 4,119 from 1917-1918 to end of 1935-1936 plus half the outlay during 1936-1937 ..	26,367		
	200		
Total ..	6,29,734	Total ..	6,29,734

No. 5.—Account of Indirect Charges for and to end of 1936-1937.

Particulars.	During the year. RS.	To end of the year. RS.
CAPITAL—		
Capitalization of abatement of land revenue	..	..
Leave and pension allowances	..	13,475
Audit and accounts	..	27
Total ..	..	13,448
REVENUE—		
Capitalization of abatement of land revenue	..	..
Leave and pension allowances	..	466
Audit and accounts	29	148
Total ..	29	614
Grand Total ..	29	14,062

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.	
	RS.	RS.	RS.			RS.
<i>Direct Charges.</i>						
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 31st October 1919 and the completion report approved in G.O. No. 204 I., dated 22nd July 1922.

ADMINISTRATIVE ACCOUNTS
FOR THE YEAR 1936-1937.

NAGAVARAM ANICUT AND SUPPLY CHANNEL—Tank Project.

No. 2.—Capital Account for and to end of 1936-1937.

[Vide details on page 255 of the Administrative accounts for 1934-35.]

NAGAVARAM ANICUT AND SUPPLY CHANNEL—*Tank Project*—cont.
No. 3.—Revenue Account for and to end of 1936-1937.

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—		
6. Receipts from other canal produce	..	..	(1) Head works	..	..
9. Rents of buildings	..	..	(2) Main canals and branches ..	..	..
11. Miscellaneous	..	..	(3) Distributaries	..	..
Recoveries of expenditure ..	1	50	(4) Drainage and protective works	..	..
	8	8	(5) Special tools and plant ..	..	..
Total, Revenue realized in Public Works Department	9	58	II. MAINTENANCE AND REPAIRS—		
			(1) Head works	..	..
			(2) Main canals and branches ..	1,782	2,479
			(3) Distributaries	..	..
			(4) Drainage and protective works	..	..
			(5) Special tools and plant ..	..	..
			<i>Add</i> —Unclassifiable outlay ..	..	..
Irrigation Revenue realized in Civil Department	1,797	27,034	Total	1,782	2,479
			Total, Extensions and Improvements and Maintenance and Repairs ..	1,782	2,479
Total, Direct Receipts ..	1,806	27,142	IV. ESTABLISHMENT	462	798
			V. TOOLS AND PLANT	3	4
I. INDIRECT RECEIPTS—			VI. REFUNDS OF REVENUE	..	..
Share of Land Revenue collected in the Civil Department ..	146	1,022	Total, Direct Charges in the Civil Department	2,247	3,281
			Indirect Charges	18	24
Total, Public Works and Civil Departments, Revenue ..	1,952	28,164	Total, Direct and Indirect Charges ..	2,362	4,709
Total, Receipts ..	1,952	28,164	Balance, net revenue ..	- 410	23,455
			Grand Total ..	1,952	28,164

ADMINISTRATIVE ACCOUNTS
FOR THE YEAR 1936-1937.

NAGAVARAM ANICUT AND SUPPLY CHANNEL—*Tank Project*—cont.
No. 4.—Interest Account for and to end of 1936-1937.

No. 4.—Interest Account for and		Amount.	
	RS.	RS.	
Total interest charges to end of 1935-1936	81,738	Net revenue realized to end of 1935-1936	23,865
* Total interest charges for the year 1936-1937	3,568	Net revenue realized .. during 1936-1937	— 410
		Balance, net interest charges ..	61,851
		Total ..	85,306
Total ..	85,306		
* Interest at 3.3252 per cent on the outlay to end of 1916-1917			3,568
Interest at 4.85 per cent on the outlay of Rs. nil from 1917-1918 to end of 1935-1936 plus half the outlay during 1936-1937			..
		Total ..	3,568

No. 5.—Account of Indirect Charges for and to end of 1936-1937.

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	18	24
Total ..	18	24
Grand Total ..	18	2,619

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.	Total.	Charges to date.	Amount of sanctioned estimate.	Unspent balance of estimate.	
	RS.		RS.				RS.
<i>Direct Charges.</i>							
Works ..	88,757	..	88,757	..	..	..	88,757
Establishment ..	18,538	..	18,538	..	..	..	18,538
Tools and plant ..	..	..	..	..	..	..	..
Suspense account ..	..	..	..	..	..	..	..
Total ..	1,07,295	..	1,07,295	..	..	..	1,07,295
<i>Less—Receipts on capital account ..</i>	..	..	..	..	..	..	..
Net total ..	1,07,295	..	1,07,295	..	..	..	1,07,295
<i>Indirect Charges.</i>							
Capitalized abatement of land revenue ..	..	..	..	..	..	..	..
Leave and pension allowances ..	2,595	..	2,595	..	..	..	2,595
Total ..	2,595	..	2,595	..	..	..	2,595
Grand Total ..	1,09,890	..	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 L., dated 14th February 1921.

MOPAD PROJECT—Canal Project.

No. 2.—Capital Account for and to end of 1936-1937.

Heads of account.	DIRECT CHARGES.		Cost of construction as now estimated.
	During the year.	To end of the year.	
		RS.	RS.
I. Works—			
(1) Head works ..	..	13,96,753	13,96,753
(2) Main canals and branches ..	587	3,15,388	3,15,541
(3) Distributaries ..	..	26,541	26,541
(6) Special tools and plant ..	..	71,520	71,520
Total, Works ..	587	16,67,162	16,67,315
II. Establishment ..	213	3,20,594	3,20,582
III. Tools and plant ..	1	2,34,214	2,34,228
Grand total ..	801	22,21,970	22,22,125
V. Less receipts on capital account ..	..	27,894	27,894
Net outlay in India and England ..	801	21,94,076	21,94,231

MOPAD PROJECT—Canal Project—cont.
No. 3.—Revenue Account for and to end of 1936-1937.

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—				
3. Sales of water	5	68	I. EXTENSIONS AND IMPROVEMENTS—	
5. Plantations	12	16	(1) Head works	..
6. Receipts from other canal produce	102	233	(2) Main canals and branches	..
9. Rent of buildings	..	1,776	(3) Distributaries	..
I. Miscellaneous	..	2,961	(4) Drainage and protective works	..
Recoveries of expenditure	..	659	(5) Special tools and plant	..
Deduct—Refunds	..	136	Total	..
Total, Revenue realized in the Public Works Department ..	119	5,577	II. MAINTENANCE AND REPAIRS—	
			(1) Head works	..
			(2) Main canals and branches	..
			(3) Distributaries	..
			(4) Drainage and protective works	..
			(5) Special tools and plant	..
			Total	..
	12,693	4,11,281	Total, Extensions and Improvements and Maintenance and Repairs	7,001
II. Indirect Receipts—Shares of Revenue collected in the Civil Department			IV. ESTABLISHMENT	7,001
Total, Direct Receipts	12,812	4,16,858	V. TOOLS AND PLANT	3,060
			VI. RECOVERIES ON REVENUE ACCOUNT	17
			Share of collection charges in the Civil Department	..
	5,169	71,536	Indirect charges	..
			Total, Direct and Indirect Charges	10,078
Total, Public Works and Civil Departments, Revenue	17,981	4,88,394	Balance, net revenue	668
				70
Total, Receipts	17,981	4,88,394		10,816
				7,165
				17,981

MOPAD PROJECT—Canal Project—cont.

No. 4.—Interest Account for and to end of 1936-1937.

	Amount.		Amount.
	RS.		RS.
Total interest charges to end of 1935-1936	18,34,116	Net revenue realized to end of 1935-1936	2,61,614
* Total interest charges for the year 1936-1937	81,269	Net revenue realized during 1936-1937	7,165
		Balance, net interest charges ..	16,46,606
Total ..	19,15,385	Total ..	19,15,385
* Interest at 3·3252 per cent on the outlay to end of 1916-1917.	54,791		
Interest at 4·85 per cent on the outlay of Rs. 5,45,938 from 1917-1918 to end of 1935-1936 plus half the outlay during 1936-1937	26,478		
Total ..	81,269		

No. 5.—Account of Indirect Charges for and to end of 1936-1937.

Particulars.	During the year.	To end of the year.
	RS.	RS.
CAPITAL—		
Capitalization of abatement of land revenue	..	51,698
Leave and pension allowances	..	44,856
Audit and accounts	6	126
Total ..	6	96,428
REVENUE—		
Capitalization of abatement of land revenue	..	..
Leave and pension allowances	..	1,126
Audit and accounts	70	1,454
Total ..	70	2,580
Grand Total ..	76	99,008

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.
	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.
<i>Direct Charges.</i>						
Works ..	16,66,575	..	16,66,575	557	740	153
Establishment ..	3,20,381	..	3,20,381	213	201	— 12
Tools and plant ..	2,34,213	..	2,34,213	1	15	14
Suspense account ..	..	..	..	..	..	..
Total ..	22,21,169	..	22,21,169	801	956	155
<i>Less—Receipts on capital account ..</i>	27,894	..	27,894	..	..	..
Net Total ..	21,93,275	..	21,93,275	801	956	155
<i>Indirect Charges.</i>						
Capitalized abatement of land revenue ..	51,698	..	51,698	..	..	..
Leave and pension allowances ..	44,856	..	44,856	..	..	..
Audit and accounts ..	— 132	..	— 132	6	7	1
Total ..	96,422	..	96,422	6	7	1
Grand Total ..	22,89,697	..	22,89,697	807	963	156
Total charges to date against old and current sanctions.						
						RS.
						16,67,162
						3,20,594
						2,34,214
						..
						22,21,970
						27,894
						21,94,076
						..
						51,698
						44,856
						— 126
						96,428
						22,90,504

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 1928.

KANIYAMPALAYAM ANICUT—*Tank Project.*

No. 2.—Capital Account for and to end of 1936-1937.

[Vide details on page 263 of the Administrative Accounts for 1934-1935.]

KANYAMPALAYAM ANICUT—Tank Project—cont.

No. 3.—Revenue Account for and to end of 1936-1937.

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. Water-rates	4,000	52,000	(1) Head works	..	248
6. Receipts from other canal produce	..	..	(2) Main canals and branches	..	..
9. Rent of buildings	..	..	(3) Distributaries	..	..
11. Miscellaneous	..	3	(4) Drainage and protective works	..	..
			(5) Special tools and plant	..	..
			Total	..	248
Total Revenue realized in the Public Works Department ..	4,000	52,003	II. MAINTENANCE AND REPAIRS—		
			(1) Head works	66	41,639
Irrigation Revenue realized in Civil Department	..	..	(2) Main canals and branches	..	..
			(3) Distributaries	..	..
Total, Direct receipts	4,000	52,003	(4) Drainage and protective works	..	..
			(5) Special tools and plant	..	..
			Add—Unclassifiable outlay	..	..
			Total	66	41,639
II. Indirect receipts—Share of Land Revenue collected in the Civil Department	..	..	Total, Extensions and Improvements and Maintenance and Repairs	66	41,887
			IV. ESTABLISHMENT	47	11,135
			V. TOOLS AND PLANT	..	533
			VI. REFUNDS AND REVENUE	..	..
			Total, Direct charges	113	53,555
Total, Public Works and Civil Departments Revenue	4,000	52,003	Share of collection charges in the Civil Department	..	..
Net deficit, if any	— 3,886	2,548	Indirect charges	1	996
			Total, Direct and Indirect charges	114	54,551
			Balance, Net revenue	..	..
Total	114	54,551	Grand Total	114	54,551

KANIYAMPALAYAM ANICUT—*Tank Project*—cont.

No. 4.—Interest Account for and to end of 1936-1937.

	Amount.		Amount.
	RS.		RS.
Total interest charges to end of 1935-1936	1,02,137	Net revenue realized to end of 1935-1936	— 6,434
• Total interest charges for the year 1936-1937	4,767	Net revenue realized during 1936-1937	3,886
		Balance, net interest charges ..	1,09,452
Total ..	<u>1,06,904</u>	Total ..	<u>1,06,904</u>
• Interest at 3·3252 per cent on the outlay to end of 1916-1917.	945		
Interest at 4·85 per cent on the outlay of Rs. 78,812 from 1917-1918 to end of 1935-1936 plus half the outlay during 1936-1937	3,822		
Total ..	<u>4,767</u>		

No. 5.—Account of Indirect Charges for and to end of 1936-1937.

Particulars.	During the year.	To end of the year.
	RS.	RS.
CAPITAL—		
Capitalization of abatement of land revenue ..	..	..
Leave and pension allowances	..	3,787
Audit and accounts	..	66
Total ..	..	3,853
REVENUE—		
Capitalization of abatement of land revenue ..	..	..
Leave and pension allowances	..	576
Audit and accounts	1	420
Total ..	1	996
Grand Total ..	1	4,849

KANYAMPALAYAM 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.
	Expenditure against construction estimate.	Expenditure against open canal sanction.	Charges to date.	Amount of sanctioned estimate.	
	RS.	RS.			RS.
<i>Direct Charges.</i>					
Works ..	92,266	5,125	..	..	97,391
Establishment ..	25,172	1,863	..	..	27,035
Tools and plant ..	453	42	..	..	495
Suspense account ..	..	..	..	..	..
Total ..	1,17,891	7,030	..	..	1,24,921
<i>Less—Receipts on capital account ..</i>	..	17,700	..	..	17,700
Net Total ..	1,17,891	— 10,670	..	..	1,07,221
<i>Indirect Charges.</i>					
Capitalized abatement of land revenue ..	..	..	..	..	..
Leave and pension allowances ..	3,525	262	..	..	3,787
Audit and accounts ..	15	51	..	..	66
Total ..	3,540	313	..	..	3,853
Grand Total ..	1,21,431	— 10,357	..	..	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 1936–1937.

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	35,245
C. Works ..	314	1,08,427	1,13,070
K. Buildings ..	527	4,730	7,703
L. Earthwork ..	27,709	1,30,446	2,59,070
O. Miscellaneous ..	214	2,100	21,512
Unforeseen works ..	3	14,487	..
Total ..	28,767	2,95,436	4,36,600
(2) <i>Main Canals and Branches</i> —			
L. Earthwork ..	45	25,210	..
Miscellaneous ..	..	..	31,000
Total ..	45	25,210	31,000
(3) <i>Distributaries</i> —			
C. Works ..	..	..	..
L. Earthwork ..	..	..	..
O. Miscellaneous ..	..	..	..
Total ..	..	..	..
(6) <i>Special tools and plant</i> ..	..	..	..
Total, Works ..	28,722	3,20,646	4,67,600
II. ESTABLISHMENT ..	7,312	70,519	1,27,596
III. TOOLS AND PLANT ..	57	693	9,352
Grand Total ..	36,091	3,91,858	6,04,548
V. <i>Less—RECEIPTS ON CAPITAL ACCOUNT</i> ..	..	656	..
Net outlay in India and England ..	36,091	3,91,202	6,04,548

TIPPAYAPALEM PROJECT—*Tank Project*—cont.

No. 4.—Interest Account for and to end of 1936-1937.

Amount.	Amount.
RS.	RS.
Total interest charges to end of 1935-1936	64,500
Total interest charges for the year 1936-1937—	
Interest at 4·85 per cent on the outlay of Rs. 3,73,157 from 1924-1925 to end of 1936-1937 plus half the outlay during 1936-1937 as the first outlay was in 1924-1925 ..	18,098
Total ..	82,598
Net revenue realized to end of 1935-1936	..
Net revenue realized during 1935-1936	..
Balance, net interest charges ..	82,598
Total ..	82,598

No. 5.—Account of Indirect Charges for and to end of 1936-1937.

Particulars.	During the year.	To end of the year.
RS.	RS.	RS.
CAPITAL—		
Capitalization of abatement of land revenue	319	4,919
Leave and pension allowances	..	2,688
Audit and accounts	287	3,209
Total ..	606	10,816
REVENUE—		
Capitalization of abatement of land revenue	..	..
Leave and pension allowances	..	..
Audit and accounts	..	..
Total ..	..	..
Grand Total ..	606	10,816

TIPPAYAPALEM PROJECT—*Tank Project*—cont.
No. 6.—Statement comparing Charges to date with Sanctioned Estimates.

Particulars.	CHARGES AGAINST CLOSED SANCTIONS.		CURRENT SANCTIONS.		Total.	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.	RS.	RS.		
<i>Direct Charges.</i>						
Works ..	..	..	3,20,646	4,67,600		1,46,954
Establishment ..	..	..	70,519	1,27,596		57,077
Tools and plant ..	..	..	693	9,352		8,659
Suspense account ..	..	..	..	..		..
Total ..	..	..	3,91,858	6,04,548		2,12,690
<i>Less—Receipts on Capital account ..</i>	..	..	656	..		656
Net Total ..	..	..	3,91,202	6,04,548		2,13,346
<i>Indirect Charges.</i>						
Capitalized abatement of land revenue ..	..	..	4,919	17,800		12,881
Leave and pension allowances ..	..	..	2,688	..		2,688
Audit and accounts ..	..	..	3,209	4,676		1,467
Total ..	..	..	10,816	22,476		11,660
Grand Total ..	..	..	4,02,018	6,27,024		2,25,006

BASAVANNAH CHANNEL.

No. 2.—Capital Account for and to end of 1936-1937.

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—			
C. Works	..	14,030	14,030
Total ..	..	14,030	14,030
(2) Main Canals and Branches—			
B. Land	..	21,730	21,730
C. Works	492	95,659	98,406
F. (1) Other cross drainage works ..	5,461	2,90,790	2,91,714
L. Earthwork ..	248	7,148	8,290
O. Miscellaneous ..	355	6,512	..
P. Maintenance ..	5,996	..	..
Total ..	150	4,21,839	4,20,140
(3) Distributaries—			
L. Earthwork ..	13,182	27,870	34,555
B. Land	..	814	..
Total ..	13,182	28,684	34,555
Total, Works ..	13,332	4,64,553	4,68,725
II. ESTABLISHMENT ..	3,032	1,09,698	1,13,706
II. TOOLS AND PLANT ..	30	2,190	3,092
Grand Total ..	16,394	5,76,441	5,85,523
V. Less—RECEIPTS ON CAPITAL ACCOUNT ..	..	..	..
Net outlay in India and England ..	16,394	5,76,441	5,85,523

ADMINISTRATIVE ACCOUNTS
FOR THE YEAR 1936-1937.BASAVANNAH CHANNEL—cont.
No. 3.—Revenue Account for and to end of 1936-1937.

Charges.	TOTAL		To end of the year.	RS.
	During the year.	To end of the year.		
	RS.	RS.	RS.	RS.
EXTENSIONS AND IMPROVEMENTS—				
Main canals and branches ..	..	..	1,982	..
MAINTENANCE AND REPAIRS—				
Main canals and branches ..	9,314	..	40,312	..
Total ..	9,314	..	42,294	..
Establishment ..	2,160	..	8,220	..
Tools and plant ..	20	..	57	..
Indirect charges ..	11,494	..	50,571	..
Total ..	11,587	..	423	..
Total ..	11,587	..	50,994	..

IRRIGATION BRANCH.

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PUBLIC WORKS DEPARTMENT.

BASAVANNAH CHANNEL—cont.

No. 4.—Interest Account for and to end of 1936–1937.

	Amount.		Amount.
	RS.		RS.
Total interest charges to end of 1935–1936	2,09,576	Net revenue realized to end of 1935–1936	— 39,407
* Total interest charges for the year 1936–1937	27,560	Net revenue realized during 1936–1937	— 11,587
		Balance, net interest charges ..	2,88,130
Total ..	2,37,136	Total ..	2,37,136
* Interest at 4·85 per cent on the outlay of Rs. 5,68,214 from 1925–1926 to end of 1935–1936 plus half the outlay during 1936–1937 as the first outlay was in 1925–1926			
	27,560		

No. 5.—Account of Indirect Charges for and to end of 1936–1937.

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		133	4,645
Total ..		133	6,535
REVENUE—			
Leave and pension allowances		93	423
Audit and accounts		..	..
Total ..		93	423
Grand Total ..		226	6,958

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ADMINISTRATIVE ACCOUNTS
FOR THE YEAR 1936–1937.

MADRAS PRESIDENCY.

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.			
Works ..	..	..	..	4,64,553	4,68,725	4,172			..
Re-establishment ..	..	..	..	1,09,638	1,13,706	4,008			..
Tools and plant ..	..	..	..	2,190	3,092	902			..
Suspense account ..	..	..	..	..	..	..			..
Total ..	..	..	..	5,76,441	5,85,523	9,082			..
<i>Less—Receipts on capital account ..</i>	..	..	..	..	..	..			..
Net Total ..	..	..	..	5,76,441	5,85,523	9,082			..
<i>Indirect Charges.</i>									
Capitalized abatement of land revenue ..	..	..	..	1,229	1,229	..			..
Leave and pension allowances ..	..	..	..	661	661	..			..
Audit and accounts ..	..	..	..	4,645	4,687	42			..
Total ..	..	..	..	6,535	6,577	42			..
Grand Total ..	..	..	..	5,82,976	5,92,100	9,124			..

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

DUVVALERU PROJECT—*Canal Project.*

No. 2—Capital Account for and to end of 1936-1937.

Head 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	..	..	..
K. Buildings	..	..	58,800
O. Miscellaneous	..	..	5,000
	..	..	3,285
Total	..	..	47,085
(2) <i>Main Canals and Branches</i> —			
A. Preliminary expenses	56	56	3,623
B. Land	..	..	1,710
D. Regulators	..	..	330
E. Falls and weirs	..	..	2,400
F. River and hill torrent works	..	..	8,500
G. Bridges	..	..	4,030
H. Escapes	..	..	1,120
L. Earthwork	..	..	41,610
O. Miscellaneous	..	..	4,368
Total	56	56	67,691
(5) <i>Water courses</i> —			
L. Earthwork	..	..	1,724
Total	..	..	1,724
Total works	56	56	1,16,500
II. Establishment	15	15	31,790
III. Tools and plant	..	..	2,330
IV. Suspense	..	..	..
V. Less receipts on capital account	..	..	..
Net outlay in India and England	71	71	1,50,620

DUVVALERU PROJECT—*Canal Project*—cont.

No. 4.—Interest Account for and to end of 1936-1937.

	Amount.		Amount.
	RS.		RS.
Total interest charges to end of 1935-1936	..	Net revenue realized to end of 1935-1936	..
* Total interest charges for the year 1936-1937	2	Net revenue realized .. during 1936-1937	..
		Balance, net interest charges	2
Total	2	Total	2
Interest at 4.85 per cent on the sum of Rs. 35 being half the outlay during 1936-1937 (the first outlay was in 1936-1937)	2		
Total	2		

No. 5.—Account of Indirect Charges for and to end of 1936-1937.

Particulars.	During the year.	To end of the year.
	RS.	RS.
CAPITAL—		
Capitalization of abatement of land revenue	..	..
Leave and pension allowances	..	..
Audit and accounts	1	1
Total	1	1

VEDARANNIYAM CANAL—*Canal Project.*

No. 2.—Capital Account for and to end of 1936-1937.

[Vide details on page 278 of the Administrative Accounts
for 1934-1935.]DUVVALERU 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 sanctions.	Charges to date.	Amount of sanctioned estimate.	Unspent balance of estimate.
			RS.	RS.	RS.
<i>Direct Charges.</i>					
Works ..	..	..	56	1,16,500	1,16,444
Re-establishment ..	..	..	15	31,790	31,775
Tools and plant ..	..	..	..	2,330	2,330
Total ..	..	..	71	1,50,620	1,50,549
<i>Less—Receipts on capital account ..</i>	..	..	..	..	..
Net Total ..	..	..	71	1,50,620	1,50,549
<i>Indirect Charges.</i>					
Capitalized abatement of land revenue ..	..	..	..	290	290
Leave and pension allowances ..	..	..	..	1,165	1,164
Audit and accounts ..	..	..	1	1,455	1,454
Total ..	..	..	72	1,52,075	1,52,003
Grand Total ..	..	..			

VEDARANNIYAM CANAL—Canal Project—cont.
No. 3.—Revenue Accounts for and to end of 1936-1937.

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 ..	16	1,875	(1) Head works ..	..	..
6. Receipts from other canal produce ..	..	677	(2) Main canals and branches ..	..	11,471
8. Navigation receipts ..	703	48,701	(3) Distributaries ..	..	479
9. Rents of buildings ..	..	43	(4) Drainage and protective works ..	..	638
10. Fines ..	..	145	(5) Special tools and plant ..	..	114
11. Miscellaneous ..	..	493	Total ..	..	12,474
<i>Deduct—Refunds ..</i>	<i>10</i>	<i>494</i>	II. MAINTENANCE AND REPAIRS—		
Total revenue realized in the Public Works Department ..	709	51,440	(1) Head works ..	..	..
Total, Direct receipts ..	709	51,440	(2) Main canals and branches ..	..	4,255
Total, Public Works and Civil Departments, Revenue ..	709	51,440	(3) Distributaries ..	377	2,90,537
			(4) Drainage and protective works ..	6,481	489
			(5) Special tools and plant ..	..	53
			Total ..	11,113	3,04,450
			Total, Extensions and Improvements and Maintenance and Repairs ..	11,113	3,16,894
			IV. ESTABLISHMENT ..	4,856	92,137
			V. TOOLS AND PLANT ..	40	8,250
			VI. REFUNDS OF REVENUE ..	..	41
			Total, Direct Charges ..	16,009	4,17,322
			Share of collection charges in the Civil department ..	..	..
			Indirect charges ..	111	9,607
			Total, Direct and Indirect Charges ..	16,120	4,26,929
			Balance, net revenue ..	..	..
			Grand Total ..	16,120	4,26,929
Net deficit, if any ..	15,411	3,75,489			
Total ..	16,120	4,26,929			

VEDARANNIYAM CANAL—Canal Project—cont.

No. 4.—Interest Account for and to end of 1936-1937.

	Amount.		Amount.
	RS.		RS.
Total interest charges to end of 1935-1936 ..	3,39,929	Net revenue realized to end of 1935-1936 ..	3,60,078
Total interest charges for the year 1936-1937 ..	4,412	Net revenue realized during 1936-1937 ..	15,411
		Balance, net interest charges ..	7,19,830
Total ..	3,44,341	Total ..	3,44,341
Interest at 3.3252 per cent on the outlay to end of 1916-1917 ..	4,412		
Interest at 4.85 per cent on the outlay of Rs. nil from 1917-1918 to end of 1935-1936 plus half the outlay during 1936-1937.	..		
Total ..	4,412		

No. 5.—Account of Indirect Charges for and to end of 1936-1937.

Particulars.	During the year. RS.	To end of the year. RS.
CAPITAL—		
Capitalization of abatement of land revenue ..	..	259
Leave and pension allowances ..	..	3,474
Audit and accounts ..	..	..
Total ..	..	3,733
REVENUE—		
Capitalization of abatement of land revenue ..	..	655
Leave and pension allowances ..	..	7,623
Audit and accounts ..	111	1,329
Total ..	111	9,607
Grand Total ..	111	13,340

VEDARANNIYAM 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. RS.
	Expenditure against construction estimate. RS.	Expenditure against open canal sanctions. RS.	Total.	Charges to date.	Amount of sanctioned estimate.	Unspent balance of estimate.
<i>Direct Charges.</i>						
Works ..	1,07,885	..	1,07,885	..	..	1,07,885
Re-establishment ..	24,814	..	24,814	..	..	24,814
Tools and plant ..	..	..	..	..	..	..
Suspense account ..	..	..	..	..	..	..
Total ..	1,32,699	..	1,32,699	..	..	1,32,699
<i>Less—Receipts on capital account ..</i>	..	..	..	..	..	..
Net Total ..	1,32,699	..	1,32,699	..	..	1,32,699
<i>Indirect Charges.</i>						
Capitalized abatement of land revenue ..	..	259	259	..	..	259
Leave and pension allowances ..	3,474	..	3,474	..	..	3,474
Total ..	3,474	259	3,733	..	..	3,733
Grand Total ..	1,36,173	259	1,36,432	..	..	1,36,432

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

BUCKINGHAM CANAL—Canal Project.

No. 2.—Capital Account for and to end of 1936-1937.

[Vide details on page 282 of the Administrative Accounts
for 1934-1935.]

BUCKINGHAM CANAL—Canal Project—cont.
No. 3.—Revenue Account for and to end of 1936-1937.

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.		RS.	RS.
3. Sale of water	1,900	3,255	I. EXTENSIONS AND IMPROVEMENTS—		
6. Receipts from plantations ..	48	37,100	(1) Head works	1,595	1,91,265
6. Receipts from other canal produce			(2) Main canals and branches ..	..	1,016
8. Navigation receipts	1,05,886	71,427	(3) Distributaries	..	72
9. Rents of buildings	531	46,79,644	(4) Drainage and protective works ..	..	..
10. Fines	..	14,032	(5) Special tools and plant ..	..	..
11. Miscellaneous Recoveries of expenditure ..	1,399	51,247	II. MAINTENANCE AND REPAIRS—		
Deduct—Refunds	232	1,270	(1) Head works	1,595	1,92,353
Receipts for which classification is not obtainable	..	2,266	(2) Main canals and branches ..	..	21,709
Total revenue realized in the Public Works Department ..	..	14,11,168	(3) Distributaries	1,76,230	71,21,728
Total, Direct receipts	1,09,921	62,68,266	(4) Drainage and protective works ..	..	1,49,607
Total, Public Works and Civil Departments, Revenue ..	1,09,981	62,68,266	(5) Special tools and plant ..	1,084	1,34,248
Net deficit, if any	1,11,552	42,49,816	Add—Unclassifiable outlay ..	..	3,125
Total	2,21,533	1,05,18,082	Total	..	2,88,470
			Total, Extensions and Improvements and Maintenance and Repairs ..	1,77,314	77,18,887
			IV. ESTABLISHMENT	1,75,719	79,11,240
			V. TOOLS AND PLANT	43,645	21,78,241
			VI. REFUNDS OF REVENUE	412	1,48,490
			Deduct—Recoveries on revenue account ..	..	22,074
			Share of collection charges in the Civil department	..	4,115
			Indirect charges	..	..
			Total, Direct and Indirect Charges ..	2,19,776	1,02,55,930
			Balance, net revenue	1,757	2,62,152
			Grand Total	2,21,533	1,05,18,082

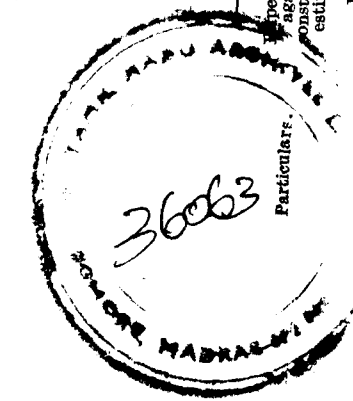
BUCKINGHAM CANAL—Canal Project—cont.

No. 4.—Interest Account for and to end of 1936-1937.

	Amount.		Amount.
	RS.		RS.
Total interest charges to end of 1935-1936	1,73,60,098	Net revenue realized to end of 1935-1936	— 41,38,264
Total interest charges for the year 1935-1936—		Net revenue realized during 1936-1937	— 1,11,552
	RS	Balance, net interest charges ..	2,18,96,767
Interest at 3·3252 per cent on the outlay to end of 1916-1917	2,83,243		
Interest at 4·86 per cent on the outlay of Rs. 74,435 from 1917-1918 to end of 1935-1936 plus half the outlay during 1936-1937	3,610		
	..		
Total ..	1,76,46,951	Total ..	1,76,46,951

No. 5.—Account of Indirect Charges for and to end of 1936-1937.

Particulars.	During the year.	To end of the year.
	RS.	RS.
CAPITAL—		
Capitalization of abatement of land revenue ..	..	2,62,365
Leave and pension allowances	..	2,26,866
Audit and accounts	..	233
Total	..	4,89,464
REVENUE—		
Capitalization of abatement of land revenue ..	..	363
Leave and pension allowances	..	2,27,769
Audit and accounts	1,757	34,020
Total	1,757	2,62,152
Grand Total	1,757	7,51,616



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BUCKINGHAM CANAL—Canal Project—cont.

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

CHARGES AGAINST CLOSED SANCTIONS.				CURRENT SANCTIONS.			Total charges to date against old and current sanctions.
Particulars.	Expenditure against construction estimate.	RS.	Total.	Charges to date.	Amount of sanctioned estimate.	Unspent balance of estimate.	
<i>Direct Charges.</i>							
Works	66,72,338		1,48,970				
Establishment	15,85,806		28,740				
Tools and plant	1,80,720		320				
Suspense account	..		..				
Total	84,38,864		1,78,030				
Less—Receipts on capital account	4,502		19,863				
Net Total	84,34,362		1,58,167				
<i>Indirect Charges.</i>							
Capitalized abatement of land revenue	2,62,365		..				
Leave and pension allowances	2,23,608		3,258				
Audit and accounts	..		233				
Total	4,85,973		3,491				
Grand Total	89,20,335		1,61,658				
			4,89,464				
			90,81,993				
	</						

The construction estimate of the project was closed in March 1897.

MADRAS,
16th October 1937.

T. S. SUBRAMANIA AYYAR,
Deputy Accountant-General.