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Admn. report of the

Public Wors Dept

Irrigation Branch

1934-35

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PUBLIC WORKS DEPARTMENT
MADRAS PRESIDENCY

# ADMINISTRATION REPORT

(WITH ADMINISTRATIVE ACCOUNTS)

FOR THE YEAR

## 1934-35

PART II—IRRIGATION

MADRAS :
BY THE SUPERINTENDENT, GOVERNMENT PRESS

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PUBLIC WORKS DEPARTMENT, MADRAS PRESIDENCY

# ADMINISTRATION REPORT

## FOR THE YEAR 1934–35

# PART II–IRRIGATION

## Chapter I.

### GENERAL.

1. The remarks in this chapter are, as usual, intended to bring the general information up to the end of the calendar year 1935.

2. *Cauvery-Mettur Project.*—The Public Works Department Workshops at Mettur were closed and handed over to the Electrical Department in April 1935 for their use.

To avoid unnecessary delay and to facilitate prompt disposal of the surplus plant by sale, a subdivision, with necessary establishment was sanctioned for a period of six months from 1st April 1935, in the first instance, and this has since been extended to end of April 1936. This subdivision, besides attending to the sales of plant, is also entrusted with other works, such as maintenance of camps and buildings, maintenance of water works and drainage systems, conservancy and other Public Health operations and also the construction of the Thoppur-Mecheri road which last has since been completed and was handed over to the Salem District Board for maintenance on 9th September 1935.

*The Mettur Dam.*—Despite a very weak south-west monsoon in two successive years, the dam has enabled irrigation to be carried on in the delta with few interruptions. During the year under review, the reservoir never received sufficient water to fill it, but the demands for irrigation were fairly satisfactorily met.

Observations of leakage through the dam show that the leakage, which was never appreciable, is steadily getting still further reduced. The electrically operated sluices have worked satisfactorily.

Early in 1935, the work of raising of the channel banks below the bridge, for a discharge of 30,000 cusecs, was taken up and practically completed. When the channel was closed, some scours were noticed below the bridge floor. These have been filled up and a masonry apron built for a width of about 18 feet below the piers.

Water was let down the channel on the 12th June 1935. Due to a very low lake level on account of the failure of the north-east monsoon of last year and a belated south-west monsoon this year,

the low level channel had to be kept open for passing all the demand of the delta up to the 14th July and even after that date, a good portion of the demand had to be passed through these sluices up to about the 26th August. Owing to the very high velocity of the water emerging from the sluices and the peculiar shape of the channel, the revetment on the right side of the channel collapsed in five places on four occasions necessitating the closing down of the channel for a period of 36 to 48 hours each time for carrying out emergent repairs. This caused some occasional dislocation of the water-supply to the delta till about the 29th July 1935, after which the full supply was sent down regularly.

The lake started with a level of 50·00 on the 12th June and fell to 28·50 by the end of the month and to 21·90 on the 5th July after which the level rose to 68·00 by the end of July, the floods being far below the normal. However, the lake unexpectedly rose to 101·65 in September, falling to 91·00 by the middle of October when the first burst of the north-east monsoon early in November brought the lake to 104·65, the highest level for the year.

*Surplus course.*—As a result of the last year's surplussing, very small though it was, it was found that some deep scours had formed opposite the ninth, tenth, eleventh and twelfth vents of the surplus sluices and tended to cut back towards the apron, eroding away the soft rock intervening. These scours were causing some anxiety, as the curtain wall at the foot of the rear apron was not founded on hard rock for a length of about 95 feet in this reach. To prevent further cutting back, three masonry walls were built across the scours so as to form water cushions. Water was not, however, let down through these vents this year.

There were mild earthquake shocks locally in October and November 1935, similar to those experienced in 1933 and 1934, during the same part of the year. But the intensity of the shocks that occurred this year was milder than during the previous years.

*Godavari Delta System.*—The following river sets which required immediate protection after the floods of 1934, were suitably attended to and rendered safe before the floods of 1935 :—

(1) Nagullanka set.
(2) Sundarapalli set.
(3) Kotipalli set.
(4) Ramachandrapur set.
(5) Sakhinetipalli set.
(6) Malleswaram set.

Further slips were noticed after the floods of 1935 in the case of items 2 to 6 and necessary action is being taken to protect the same. There was also much erosion at the Udumudi set and necessary arrangements are being made to protect it.

The manufacture of 3 feet shutters proposed to be installed over the anicut, in place of the existing 2 feet shutters, is in good progress in the local workshops at Dowlaishwaram. Orders for four shutter-lifting machines for lifting the 3 feet shutters have been placed on Messrs. Ransome & Rapiers, Limited, England.



Token grants for two projects, viz., Losarigutlapadu and Vemuladevi, were voted towards the end of 1935 and detailed plans and estimates are nearing completion. These two schemes, when they are completed, are expected to bring an area of nearly 8,000 acres under cultivation and irrigation.

A special division was formed from 18th December 1935 for the localization of second-crop zones in the Godavari Central and Eastern deltas.

*Kistna Delta System.*—The two works for which the Kistna Special Division was formed in 1933, viz., improvements to the Peddalanka channel and the extension of the Kistna East Bank canal are in good progress. Work on the aqueduct across the Puligedda arm was closed for the season at the end of June after constructing the substructure up to the top level of the piers and casting the trough (inclusive of roadway) for two spans. The work has been resumed now.

*Pennar River Canal System.*—The investigation for the fitting up of falling shutters over the Sangam and Nellore anicuts and the extension of irrigation under the Sarvepalli reservoir was completed and detailed plans and estimates were submitted to Government during the year.

*Tungabhadra Project.*—In order to obtain a more reliable estimate of the quantity of water available for the Tungabhadra project, current meter-gaugings of the river were taken during the year, jointly with the Governments of Hyderabad and Mysore. The observations are intended to calibrate the existing gauges at the Valvapur and Sunkesula anicuts, so that the discharges at the two anicuts for many years past can be more correctly computed from the available records of gauge readings.

A special subdivision, sanctioned for the work, was formed in February 1935. The gauging stations were fitted up and equipped by July 1935, and current meter observations are being conducted from July, jointly with the staff deputed by the Hyderabad and Mysore Governments.

Experiments to decide on the duty of water for the project are held up pending consideration by the Chief Engineer for Irrigation and the Director of Agriculture of the detailed proposals made by the Deputy Director of Agriculture and the Agricultural Chemist.

During the year the Government of India were addressed to appoint an Inter-State Commission to arbitrate on the question of the sharing of the available supplies in the Tungabhadra river, between Madras, Bombay, Hyderabad and Mysore. The subject is still pending with the Government of India.

*Thippayapalem Project.*—Except for a few minor items, which were later on found necessary, the work of the construction of the masonry sluices, weirs and pipe tunnels and the earthen dam itself were all completed by the first week of June 1935. Unfortunately, owing to very heavy rains in the catchment basin and consequent sudden rise of water in the reservoir by about 10½ feet in

3 hours, the newly formed bund gave way in two places on 25th August 1935. A revised estimate for the restoration of the dam is under preparation.

*Lower Bhavani Project.*—The Special Division formed for the localization of the ayacut was abolished on 30th November 1935. Experiments on duty of water for dry crops with flow irrigation under the project conditions in the area were conducted at Chennasamudram from June 1935, during the first-crop season and similar experiments are being carried on at Kugalur from 1st October 1935 during the second-crop season.

There were heavy floods in the Amaravathi and Aliyar rivers due to exceptionally heavy rains in the middle of November 1935 and extensive damages were caused to irrigation works. The cost of restoring the damaged works is roughly estimated at Rs. 3 lakhs. Special supervisors have already been posted for the preparation of necessary estimates for repairs and restoration.

*Cauvery Delta System.*—Water for the delta was issued from the Stanley reservoir on June 12th. Due to slips in the sides of the channel from the low level sluices of the reservoir, supply had to be curtailed on a few occasions in July and there was in consequence some shortage in the supply to the delta in that month. From the 1st of August a steady supply was maintained. There was some delay in transplantation owing to the shortage of supply in July.

In November (14th to 16th), there was a moderate cyclone which affected the coastal villages. It did not cause much damage to irrigation works, but crops were damaged in the area affected. There were again very heavy rains all over the delta from December 17th to December 27th. This caused damage to crops in the low-lying areas by submerging the standing and almost ripe crops. Except for these two spells of heavy rain, November and first half of December were unusually dry and consequently the irrigation depended entirely on the supply issued from the reservoir. But for such supply from the stored water in the reservoir, there would have been great scarcity of water and consequent widespread failure of crops since the natural flow in the river during this period was very poor.

*Kattalai Scheme.*—The work on the bed regulator and in the North Bank Canal Scheme was completed and that in the high level channel was in good progress. The Special Division was closed on 1st July 1935 and the remaining works were entrusted to a special subdivision sanctioned to the end of March 1936.

*Cauvery gaugings.*—In continuation of the work done during the last four years, further observations for the volumetric determination of the sluice co-efficients of the Krishnarajasagara were conducted during the summer of 1935. The work will have to be continued for two more years.

In accordance with rule (3) of the Rules of Regulation of the Krishnarajasagara, joint cross-sections of the three rivers at the gauging sites were taken in the first fortnights of June and October of the year and gaugings were jointly conducted at Chunchinkatte Standard Station on the river Cauvery to verify the latest discharge curve in use, viz., that of 1932.



Gaugings were continued during the year on the Irwin Canal and the Left Bank Low Level channel.

*General.*—With a view to relieve unemployment among the rural population, to improve the economic condition of the country and to provide extra work over as large an area as possible the Government decided to spend a sum of Rs. 50 lakhs spread over in three years by taking up a widespread scheme of improvements to minor irrigation works in all the districts excepting Malabar, South Kanara and the Nilgiris with the help of a special establishment sanctioned for the purpose. About nineteen subdivisions and one division were formed during the year to attend to these works. Good progress has generally been made in most of the districts.

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## Chapter II.

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

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

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

A. Irrigation works—
- (i) Productive.
- (ii) Unproductive.

B. Navigation, Embankment and Drainage works—
- (i) Productive.
- (ii) Unproductive.

(*b*) Works for which capital and revenue accounts are not kept—
- (i) Irrigation works.
- (ii) Navigation, Embankment and Drainage works.

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

3. The total outlay incurred on irrigation works and the total revenue realized during the year under report was Rs. 1,41,78,641 and Rs. 3,20,84,152 against Rs. 1,46,03,066 and Rs. 3,12,61,182, respectively, in 1933–34. The area charged as irrigated was 7,302,390 acres against 7,489,535 acres in the previous year. The net revenue after deducting working expenses was Rs. 1,57,92,342 against Rs. 1,57,88,382 of the previous year. The figures of outlay

include indirect charges also. If the direct charges alone be taken, the expenditure during the year amounted to Rs. 131·97 lakhs against the budget allotment of Rs. 130·77 lakhs. The total cropped area in the Presidency during 1934–35 under all the chief food grains and industrial crops, both irrigated and dry, was 37,538,510 acres or 1,391,905 acres less than in the previous year. The area irrigated by Government irrigation works alone, viz., 7,302,390 acres was 19·45 per cent of total cropped area. This was 187,145 acres less than in the previous year. This decrease was due to the unfavourable character of the season, as a result of the failure of monsoon in certain districts.

4. *Financial results*—(i) *Productive works.*—The capital outlay during the year was Rs. 31,86,771 and to the end of the year Rs. 15,01,89,138. The area charged as irrigated was 3,893,039 acres and the estimated value of crops raised thereon was Rs. 19,29,65,273. The net revenue derived was Rs. 1,14,09,227 representing a return of 7·60 per cent on the capital outlay. The accumulated profits to the end of the year amounted to Rs. 29·72 crores.

(ii) *Unproductive works.*—The capital outlay during the year was Rs. 1,40,021 and to the end of the year, Rs. 4,38,56,749. The area charged as irrigated was 399,044 acres and the estimated value of crops raised thereon was Rs. 1,47,40,649. The net revenue derived was Rs. 4,81,602 representing a return of 1·10 per cent on the capital outlay.

(ii) *Minor works for which capital and revenue accounts are not kept*—(*a*) *Irrigation works.*—There are about 36,300 works of this class. The outlay incurred thereon and the revenue derived therefrom amounted to Rs. 39,34,421 and Rs. 86,28,529, respectively. The area charged as irrigated was 3,010,307 acres.

(*b*) *Navigation, etc., works.*—The outlay incurred and the revenue derived were Rs. 8,67,705 and Rs. 60,916, respectively.

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

(2) The total length of the main and branch canals of the productive systems at the end of the year was 3,663¾ miles. Of this length, 875¾ miles were for irrigation and navigation combined and the remainder, for irrigation only. The length of distributaries was 9,969¾ miles.

(3) The capital outlay (direct and indirect) during the year was Rs. 31,86,771, against Rs. 44,41,518 in the previous year. The bulk of the expenditure was on the Cauvery-Mettur Project. The remaining expenditure was incurred chiefly on the Kattalai scheme and the Kistna delta system. Details of the works carried out are given in Chapter III.

(4) The total area charged as irrigated was 3,380,817 acres of first crop and 512,222 acres of second crop, against 3,321,519 acres and 489,318 acres, respectively, in 1933–34. The increase under both the crops occurred mainly under the Godavari delta system and the Cauvery-Mettur Project.



(5) The gross working expenses of the year amounted to Rs. 55,61,402 against Rs. 19,89,243 in the previous year. The increase occurred mainly under the Cauvery delta, the Cauvery-Mettur Project, the Penner river canals and the Srivaikuntam anicut systems. In the Cauvery delta system, the increase was due to the remodelling of channels, while under the Cauvery-Mettur Project a major portion of the canals was thrown open for irrigation during the year, which involved extra expenditure on maintenance. In the other two systems, the increase was due to the restoration of flood-damaged works.

(6) The gross revenue for the year amounted to Rs. 2,18,82,756 against Rs. 1,99,67,138 in 1933–34. The increase occurred mainly under the Cauvery-Mettur Project and the Godavari delta system and was due to the additional area brought under cultivation.

(7) The net revenue derived and the net profit after deducting interest charges amounted to Rs. 1,14,09,227 and Rs. 51,91,784 against Rs. 1,01,68,641 and Rs. 40,39,232, respectively, in the previous year. The net profit of the year works out to 3·46 per cent on the total capital outlay of Rs. 15,01,89,138 against 6·04 per cent 25 years ago, i.e., in 1909–10. The continued fall in the percentage of profit was due to the heavy outlay on the Cauvery-Mettur Project which has just commenced to function. If this outlay is excluded, the percentage rises to 6·16.

(8) The estimated value of irrigated crops raised during the year amounted to Rs. 19,29,65,273 against Rs. 13,17,80,509 in the previous year.

(9) The average revenue per acre amounted to Rs. 5·62 on the gross area and Rs. 7·11 on new irrigation. The working expenses per acre were Rs. 1·43 on the gross area and Rs. 2·22 on new irrigation.

(10) The remissions granted during the year amounted to Rs. 2,39,615, against Rs. 5,76,427 in the previous year. The areas affected were mainly in the Godavari, the Kistna and the Penner river canals systems.

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

(2) The capital outlay (direct and indirect) during the year was Rs. 1,40,021 against Rs. 86,787 in 1933–34. This was incurred mainly on the Thippayapalem project.

(3) The total length of the main and branch canals at the end of the year was 912½ miles of which 75 miles were for irrigation and navigation combined and the remainder for irrigation only. The length of distributaries was 842⅘ miles.

(4) The area irrigated during the year was 399,044 acres against 385,273 acres in the previous year.

(5) The gross working expenses amounted to Rs. 6,26,578, against Rs. 6,22,224 in 1933–34.

(6) The gross revenue amounted to Rs. 13,98,069, against Rs. 13,28,703 in the previous year.

(7) The net revenue due to improvements amounted to Rs. 4,84,602 against Rs. 4,18,913 in the previous year. This represents a return of 1·10 per cent on the capital outlay of Rs. 4,38,56,749 to the end of the year. The net revenue fell short of the interest charges by Rs. 9,76,654, of which Rs. 5,79,485 pertained to the Kurnool-Cuddapah canal. This deficit represents 2·23 per cent on the capital outlay. Against this, however, must be set the value of the crops produced under these works, viz., Rs. 1,47,40,649.

(8) The estimated value of crops amounted to Rs. 1,47,40,649, against Rs. 1,18,95,007 in the previous year.

(9) The average revenue per acre amounted to Rs. 3·50 on the gross area and Rs. 4·80 on the new irrigation. The working expenses per acre were Rs. 1·57 on the gross area and Rs. 2·64 on new irrigation.

(10) The remissions granted during the year amounted to Rs. 70,480, against Rs. 1,01,891 in the previous year. The area affected was mainly in the Palar anicut system.

7. *B. Navigation, embankment and drainage works—Unproductive.*—There are three works of this class, viz., the Ganjam-Gopalpur canal, the Buckingham canal and the Vedaranniyam canal, the total length being 297½ miles. The gross receipts and charges amounted to Rs. 1,13,882 and Rs. 2,66,079, respectively, against Rs. 1,10,483 and Rs. 2,46,860, respectively, in the previous year. There was thus a loss of Rs. 1,52,197 on the working of these canals, against Rs. 1,36,377 in 1933–34. The value of goods carried during the year was Rs. 93,01,038.

8. *Navigation canals.*—Navigation was carried on as usual on the Dummagudem, Godavari, Kistna, Kurnool-Cuddapah, Buckingham, West Coast and Vedaranniyam canals. As in the previous year, navigation in the Kurnool-Cuddapah canal was limited to the first 75 miles. The total direct receipts amounted to Rs. 4·59 lakhs being an increase of Rs. 0·37 lakh over the figure for the previous year. The increase occurred chiefly in the Godavari canals under annual and six weeks' licence fees and raft fees, due to the issue of licences to some newly constructed private steam launches, etc., during the year.

9. *Works for which capital and revenue accounts are not kept—Irrigation works.*—The outlay incurred on, the area irrigated under, and the revenue derived from, the works of this class are compared below with the figures of 1933–34 and the average for the previous triennium :—



| | Outlay incurred. | Area irrigated. | Gross revenue. |
|---|---|---|---|
| | RS. | ACS. | RS. |
| During 1934–35 .. .. | 39,34,421 | 3,010,307 | 86,28,529 |
| During 1933–34 .. .. | 37,40,578 | 3,293,425 | 97,87,946 |
| Average of the triennium ending 1933–34 .. .. | 39,42,200 | 3,263,518 | 98,70,119 |

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 88,798 square miles had already been investigated. During the year under review, an area of 80 square miles was investigated bringing the total to 88,878 square miles. The remaining 5,782 square miles have been under investigation. In the area investigated, works were completed on an extent of 84,873 square miles and in the remaining area of 4,005 square miles works have been in progress or are yet to be begun.

Thus about 86·71 per cent of the total area of 102,500 square miles affected by the scheme had been investigated up to the 31st March 1935, leaving on that date a balance of 13,622 square miles. The estimates sanctioned for Tank Restoration Scheme works during the year amounted to Rs. 62,336, against Rs. 81,832 in the previous year. The Tank Restoration divisions and subdivisions abolished as a measure of retrenchment in 1931 have not been restored.

(2) The total amount of estimates sanctioned from the commencement of the Tank Restoration Scheme operations up to the end of the year was Rs. 2,01,83,000 nearly, against which the total expenditure incurred was Rs. 1,69,95,450, exclusive of charges for establishment and tools and plant. The expenditure during the year amounted to Rs. 1,03,718.

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

| | Outlay incurred. | Revenue derived. |
|---|---|---|
| | RS. | RS. |
| During 1934–35 .. .. .. | 8,67,705 | 60,916 |
| During 1933–34 .. .. .. | 8,93,810 | 66,912 |
| Average of the triennium ending 1933–34. | 10,06,584 | 73,145 |

12. *Investigation of projects.*—The Coringa Island Project was ordered to be dropped for the present. With a view to relieve an area of about 20,000 acres from submersion caused by the floods

in the Coringa arm of the Godavari river and by the backing of such floods along the Teki drain during heavy floods in the Godavari river, two alternative schemes, viz., (1) to build a tidal lock at the head of the Coringa river near the French Settlement of Yanam, and (2) to provide banks on either side of the Teki drain and some other drains and to construct suitable inlets were under consideration in consultation with the French authorities. The gaugings on the Gundlakamma were completed during the year, and a report on the results of the gaugings was received late in the year. In connexion with the proposal to construct an anicut across the Pillaperu, to augment the supply in the Mopad main channel, the gauging of the Pillaperu was ordered by the Government during the year. The detailed investigation of, and the preparation of detailed plans and estimates for, the fitting up of falling shutters over the Sangam and Nellore anicuts and for improvements to, and extension of, irrigation under the Survepalli reservoir were ordered by the Government during the year. The investigation in connexion with the Sangam anicut was completed and the detailed plans and estimates were received late in the year. The investigation connected with the Nellore anicut and extension of irrigation under the Survepalli reservoir was in progress during the year.

In connexion with the Tungabhadra project, a special Executive Engineer was deputed, along with the Special Revenue Officer, to study the irrigation practices in the Bombay-Deccan. The reports of the Special Executive Engineer and that of the Special Revenue Officer were submitted to the Government during the year. A conference of the representatives of the Madras, Mysore, Hyderabad and Bombay Governments was held at Bangalore in the month of July with a view to arrive at an agreement for the sharing of the surplus waters of the Tungabhadra and its tributaries but no final agreement could be arrived at, and the conference adjourned for the purpose of mutual interchange of detailed information regarding the projects investigated in Mysore and Madras. The adjourned conference was again held at Bangalore in October but it was found that no agreement could be reached among the representatives as to the share of the ascertained available supply to be allotted to each Government. As a consequence, this Government decided to address the Government of India, to appoint an Inter-State Commission to give a decision on the sharing of the Tungabhadra waters equitable to all the parties. In the meanwhile, it was decided to take joint gaugings with the Mysore and Hyderabad Governments to determine more accurately the quantity of water available and a special subdivision was formed for this purpose towards the close of the year. On the recommendation of the Irrigation Development Board, the Government also accepted the proposal to institute a soil survey of the project area, and necessary establishment was sanctioned for the purpose. A conference of the representatives of the Madras and Hyderabad Governments was held at Hyderabad in August 1934 to discuss various questions outstanding between the two Governments and certain tentative conclusions were arrived at.



The plans and estimates for the Belahal-Bheemanakeri project received from the Superintending Engineer were under examination. Plans and estimates for the Duvvaleru project, and the proposals for excavating a channel from the right bank of the Penner were under revision with the local officers. A special establishment was sanctioned for a period of five years for taking gaugings of the Penner in connexion with the Penner-Kumudavathi project.

The work of localization of the ayacut under the proposed lower Bhavani Project was taken up in the middle of March 1934. The block levelling was completed by the end of November. Allocation of the commandable ayacut under the various distributaries, etc., was completed as also the preparation of rough ayacut registers. Joint enquiry by a Special Revenue Officer, with the Special Executive Engineer and an Assistant Director of Agriculture for the localization of the irrigable ayacut was taken up late in the year and was in progress. Detailed investigation of some typical distributaries was completed and the designs for masonry works were under preparation. Calyx drill operations both at the dam site and the surplus course were in progress. Duty experiments as also transmission loss observations were carried out under certain selected channels.

Detailed estimates for the restoration of the old course of the Uyyacondan channel in the Trichinopoly district were submitted to the Government during the year.

13. *Character of the season.*—The south-west monsoon set in about the first week of June. It was generally normal in June, but strengthened in July and gave good rains in all the districts, except Salem, Coimbatore, Trichinopoly, Tanjore and Madura. It was below normal in August, except in Ganjam, Vizagapatam, East Godavari, West Godavari and Chingleput and was generally weak in September. On the whole, the monsoon was fairly satisfactory only in Ganjam, Vizagapatam, East Godavari and Chingleput, and was below normal in all other districts.

The north-east monsoon set in, in the first half of October and gave good rains in all the districts except Ganjam, East Godavari, the Deccan districts, Nellore, Tanjore, Ramnad and Tinnevelly. In October, it was above normal outside the Circars (Vizagapatam Agency and Guntur excepted) and the Deccan. It was below normal in November except in Vizagapatam, Kurnool, Bellary and Trichinopoly, while it was seriously defective in December throughout the Presidency especially in the Carnatic, the Central districts and the South. On the whole, the monsoon was above the average only in Vizagapatam (Agency), North Arcot, Salem, Coimbatore and Trichinopoly and below the normal in the other districts. The condition of standing crops was generally fair except in parts of Bellary, Anantapur, North Arcot, Coimbatore, Ramnad and Tinnevelly. The average rainfall of the Presidency, exclusive of

the West Coast districts and the Nilgiris, for the official year 1934–35 was 28·54 inches, as against 37·08 inches in the previous year and 38·66 inches for the five years ending 1933–34.

14. *Floods.*—The highest flood in the Godavari occurred on the 16th August 1934 with a depth of 13·9 feet over the crest of the Dowlaishwaram anicut against the recorded maximum of 17 feet in 1891, above the then crest level (the present crest level being 0·75 feet higher). In the Kistna river, the maximum flood occurred on the 20th August 1934 with a depth of 12·15 feet on the crest of the Bezwada anicut against the recorded maximum of 23·50 feet in October 1903. In the Tungabhadra, the highest reading was 4·7 feet on the crest of the Sunkesala anicut on the 19th August 1934, the highest depth hitherto recorded being 10·40 feet on 31st October 1916. The maximum depth of flow over the Adinimayapalli anicut across the Penner was 4 feet on the 8th June 1934, the highest recorded depth being 13·86 feet on the 26th October 1874. The Cauvery rose to 6·80 feet on the Cauvery Dam north gauge on the 7th July 1934 against the recorded maximum of 14·65 feet on the 20th July 1924. This is not, however, a fair basis for comparison as the Mettur reservoir with its large flood moderating capacity has come into operation from this year. The floods in the Tambraparni at the Srivaikuntam anicut rose to 9·8 feet on the 13th December 1934 against 21 feet on 10th December 1931.

15. *Breaches and accidents.*—Owing to heavy floods in the river Vamsadhara in September 1934, there were several breaches in the right bank of the Nagarikatakam channel and in the surplus course taking off from the scouring sluices in it. Several minor breaches also occurred in the Jalamur and Polaki channels and their branches. The breaches were closed in time and no scarcity of water was felt. The floods in the Godavari caused considerable erosions of the margins in various reaches, and a number of sets were affected. As in the previous year, there was heavy shoaling by sand and silt in the main canal below Dowlaishwaram head-sluice and at the heads of the Cocanada and Samalkota canals and to ensure adequate supply for second crop, the silt had to be cleared partly by closing the canals for a short period.

16. *Irrigation Advisory Boards.*—There were advisory boards only in eleven districts, viz., East Godavari, West Godavari, Kistna, Guntur, Nellore, Bellary, Coimbatore, Tanjore, Trichinopoly, Madura and Tinnevelly. The advisory boards in the districts of Bellary, Tanjore and Trichinopoly did no work during the year. The question of reconstituting the boards in the Bellary district, so as to bring them into a workable order, was under the consideration of the Collector. Prompt action was generally taken and orders were passed by the local officers on the representations made by the advisory boards.

17. *Irrigation Panchayats.*—Fifty-nine irrigation panchayats for the management of various channels were working in the beginning of the year in the following districts, viz., Vizagapatam, East and



West Godavari, Nellore, Cuddapah, Anantapur, Bellary, Kurnool, South Arcot, Trichinopoly, Ramnad, Tinnevelly and Coimbatore. Of these, eleven panchayats in Kurnool were dissolved as they had not been functioning and as their reconstitution was found either impossible or undesirable for want of co-operation among the ryots concerned. The working of the remaining panchayats was on the whole satisfactory. Two panchayats in Tinnevelly were newly formed in November 1934. The formation of panchayats in some other districts was under consideration.

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## 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 offices of the Superintendent of Works and of the Executive Engineer, Construction division, were abolished from 1st October 1934, together with the Dam Line East and West Subdivisions, Camps and Buildings Subdivision and Workshops Subdivision. The Mettur Headworks Division, with which the work of the other offices was amalgamated, continued to be in charge of Mr. H. G. Jackson up to the end of March 1935, when it was also abolished and its work amalgamated with that of the Salem division.

*Canal system.*—The No. II Division and the Special Division, Tanjore, continued to be in charge of Messrs. T. S. Venkatarama Ayyar and N. Keshava Rao, respectively. The two divisions were under the control of the Superintendent of Works up to 1st October 1934 and after the abolition of that post were attached to the Tanjore Circle.

2. *Progress of works—Headworks*—(1) *Communications.*—The portion of the Mettur-Bhavani road from 2/5 mile to 8/6 mile from Mettur was transferred to the District Boards of Salem and Coimbatore for maintenance. The Cauvery bridge and the ghat road were thrown open for public traffic during the year.

(2) *Camps and buildings.*—The Salem camp was evacuated by the end of November 1934 and the Government staff originally stationed there was shifted to Mettur camp with a view to economize in water-supply, consumption of electrical energy and expenditure on Public Health services. The Camp Committee ceased to function from 1st October 1934 and the administration of the Camp was carried on from that date by the Executive Engineer, Mettur Headworks Division.

(3) *Water-supply.*—The total quantity of raw water pumped and purified during the year was 197·2 million gallons. The cost

per 1,000 gallons worked out to Re. 0–2–3. Samples of water were analysed at the Guindy Institute and the purified water was reported to be of excellent quality. Ample and regular supply was maintained throughout the year.

(4) *Drainage.*—The underground drainage system in Mettur Camp continued to work satisfactorily. The sewage farm at Mettur continued to be run departmentally and the net income during the year from the same was Rs. 1,609, without taking the cost of pumping sewage into account.

(5) *Workshops.*—During the year all the heavy plant on the work was returned to Stores, due to completion of the work. These items were all brought into the workshops and reconditioned for sale or for transfer to other Government Departments. The shops did the dismantling of the heavy machinery in the towers and crushers and of various other structures such as sheds, elevated tanks, etc., for sale. The locos, rolling stock, motor lorries, pumps, cranes, mixers, hoists, etc., were also largely reconditioned.

(6) *Electricity.*—Permanent supply of electrical power to the several motors and lights on the dam was arranged and three transformer substations, installed for the purpose. Low-level and high-level sluice gearings were wired permanently with push-button arrangements. The whole drainage gallery was given a permanent supply of electricity (for lighting) from the dam substations. The supply of power by the Mysore Government was stopped from 18th June 1934 and power was supplied by the Madras Hydro-Electric Department from that date. An efficient supply was maintained throughout.

(7) *Main dam.*—The construction of the Main Dam and the connected works was completed during the year. The overflow section which was at *plus* 725 level during the floods of 1933 was built up to level *plus* 801·00 by the end of June 1934.

(8) *Shutter house.*—The shutter house on the right flank was completed during the year and the emergency shutter of the high level sluices was lodged in it.

(9) *F. Saddle.*—The work of cutting down the F. Saddle on the western side of the dam to *plus* 791·00 to provide an additional surplus escape of 810 feet length was completed during the year. The total cost of the cutting was Rs. 1,16,000. Works to provide protection to the apron and stabilizing works to check scour in the surplus course in rear of the surplus sluice bridge were taken up during the year.

(10) *Season.*—There were 69 rainy days during the year. The evaporation tests were discontinued from 1st June 1934. The number of days on which the temperature was 100° F. and above was 81. The maximum temperature reached was 106° in April and May and the minimum temperature was 62° in December.

(11) *Miscellaneous*—(*i*) *Park.*—A well-designed park was laid out and opened on 21st August 1934 by Lady Beatrix Stanley after whom it is named. This consists of an upper park in which chiefly flower plants and trees are grown, bounded by the high and low level channels on three sides and by the dam on the fourth side, and a lower park in which trees of a more commercial value are planted. The laying out of the park cost nearly Rs. 29,000 and was completed during the year.



(ii) *Motor Launch.*—The reservoir has got a foreshore of nearly 145 miles. In order to inspect the foreshore to settle questions of submersion and similar matters, to deal with floating obstacles likely to get caught in the sluices and to maintain communication between the dam and the camp in case of high floods, it was considered necessary to have a motor launch in the lake. Accordingly, a motor launch 50′ × 10′ was purchased at a cost of Rs. 22,500 during the year. The launch is seaworthy to stand up against any sudden storms which may burst upon the lake.

(iii) *Memorial pavilion.*—The completion of the dam is commemorated by a memorial pavilion which was completed during the year. The pavilion is built on the highest rock (near the left flank of the dam) which was formerly known as "Mullings Seat." Including a concrete approach road, it cost Rs. 33,300. This building with its semi-circular dome and projecting Chajjas commands an excellent view of the dam and its surroundings. The inauguration ceremony of the Mettur Irrigation System was held in this building on 21st August 1934.

(12) *Disposal of surplus materials.*—Price lists of the various classes of surplus materials were printed and distributed to intending purchasers. The sales of surplus materials under the various sub-heads are enumerated below :—

| | RS. |
|---|---|
| Special tools and plant ... ... ... | 1,31,191 |
| Stock articles ... ... ... ... | 9,734 |
| Surplus materials including ordinary tools and plant ... ... ... | 73,634 |
| Total ... | 2,14,559 |

Price lists of ordinary tools and plant, machinery and electrical stock materials were also under print.

## Canal System.

(i) *Investigation and alignment.*—The investigation of field bothies in both the Vadavar and the Grand Anicut Canal systems, including Blocks I and II, the Pannavayal channel extension area and the area on the right side of the Grand Anicut Canal was completed during the year. Site surveys were also taken for works in Block No. I.

(ii) *Grand Anicut Canal System*—(*a*) *Mail canals and branches.*—The Regulator at 33/4090 was completed and the one at 35/8038 was in progress. All the works under Falls and Weirs in

Block III were completed and handed over to the Grand Anicut Canal Division. The syphon at 31/50 was nearly completed and five other syphons, three undertunnels and two syphon aqueducts were in different stages of progress. The bridge at 32/6068 was started and completed except for the canal apron which was in progress. The Subdivisional Officer's quarters, two supervisors' and two clerks' quarters, Subdivision office and peons' quarters at Ayangudy and the temporary inspection bungalow at Pannangulam were all completed during the year. The temporary inspection bungalow at Karavayal and the lascars' quarters at head of Ammanichatram channel were also in progress. Earthwork from R.D. 31/10 to 33/41 and 34/08 to 34/60 was completed, with the exception of a few gaps. Earthwork in other reaches was in progress.

(*b*) *Distributaries.*—The B. class bridge at R.D. 2/7980 of the Grand Anicut Extension channel was completed. Some minor syphon aqueducts and headsluices to Anavayal and Ammanichatram channels were in progress. Out of 143 works costing below Rs. 2,500, about 60 works were in progress during the year. Pipe sluices are yet to be taken up. Excavation of minor channels in Blocks I and II was in full progress during the year.

*General.*—The dam at the headworks was completed during the year and it was declared open by His Excellency Lieut.-Col. The Right Hon'ble Sir George Frederick Stanley, P.C., G.C.S.I., G.C.I.E., C.M.G., Governor of Madras, on the 21st August 1934. The surplus sluices came into operation for the first time during this year. The discharge through these sluices was very low due to the failure of the monsoon. The reservoir, in spite of its low storage due to a weak monsoon, has already justified its construction by supplying the prescribed quantity of water for the Tanjore delta in a year which would but for the dam have been a very bad year.

*Regulation of water.*—The maximum quantity of water let down in the supply channel was about 24,500 cusecs, against a total requirement of 30,000 cusecs of the delta, the balance being discharged by the Hydro-Electric pipes. As the channel could actually carry with the designed depth only a supply of 25,000 cusecs, against a total requirement of nearly 33,000 cusecs, it was proposed to raise the revetment of the channel by about 3 to 4 feet to run the channel at a greater depth. This work was taken up during the current year and is nearing completion.

Progress of works both at the headworks and on the canals was steady and satisfactory. The construction estimate was closed on the 30th September 1934. During the year under review, the works between 19/25 and 30/60 of the Grand Anicut Canal system, with the exception of a few incomplete works, were handed over to the Grand Anicut Canal Division for being opened for irrigation.

*Outlay.*—The outlay on works during the year amounted to Rs. 14·59 lakhs and to the end of the year Rs. 659·69 lakhs, against the estimate of Rs. 7·37 crores.



**Kattalai Scheme**—*Constructing a bed regulator across the Cauvery at Kattalai.*—The outlay during the year was Rs. 22,022 and to the end of the year Rs. 6,69,457. The work was completed. The Bed Regulator Subdivision was abolished on 31st July 1934.

*Kattalai High Level Channel.*—The outlay during the year was Rs. 3,07,144, and to the end of the year Rs. 10,39,990. The excavation of the channel from mile 20/1 to 23/5 and 25/2 to 30/6, the construction of four "C" class bridges, two-foot bridges, three masonry undertunnels, two pipe undertunnels, three siphon culverts, one regulator, and the excavation of distributaries Nos. 4 to 12, were some of the more important items of work that were carried out during the year. Excepting the large distributaries, Nos. 19, 26, 28 and 32, the others were expected to be completed before the end of June 1935. The channel was opened for irrigation down to 20/6 during the year. Nearly 1,000 acres were brought under cultivation during the year and some additional lands were levelled to be fit for irrigation.

*Kattalai North Bank Canal.*—(Estimate Rs. 3,62,000.) The outlay during the year was Rs. 30,015 and to the end of the year Rs. 3,31,756. The third branch channel (viz., the connecting channel to Amur and Konaseelam channels), the work of revetting the sides of the main canal in its third reach, raising the left bank of the Karapatnar river and the construction of additional bridges in the main canal were completed during the year. The canal was completed in all respects and the supply therein was sufficient.

**Basavannah Channel Extension.**—The damages to the Mukurthi Odai aqueduct caused by the floods of the previous year were under repairs. The plans and estimate for the distributaries were revised during the year. The total expenditure to the end of the year amounted to Rs. 5,44,994, against the sanctioned estimate of Rs. 5·93 lakhs.

**Thippayapalem Project**—*Constructing a storage reservoir on the Rallavagu near Thippayapalem*—(*Estimate Rs.* 4,07,425). *Main bund.*—Foundations for the bund on the downstream of the core wall were completed and the formation of the bund itself taken up and raised to level + 587·00, the top of bund being + 592·00, revetment work was built up to + 563·00, against the sanctioned top level of + 588·00.

*Sluices and weirs.*—The masonry works, and rock cutting in the weirs were completed in all respects, except for a portion of the masonry in the left flank weir wall and some rock cutting in the right flank. Laying and anchoring of hume pipes was completed in the left flank. In the right flank, 20 pipes still remain to be laid.

*Main canals.*—The alignment and the detailed estimates for the various component works on the high and low level channels, except the inlets and outlets and the excavation of the low level channel were approved.

The total expenditure to the end of the year amounted to Rs. 2·79 lakhs, against the estimate of 4·07 lakhs.

**Rushikulya System**—*Excavating the Girisola Channel.*—(Estimate Rs. 2,70,000). The outlay during the year was Rs. 6,432 and to the end of the year Rs. 2,36,358. The project has been completed except for the constructoin of a few cross drainage works for which estimates had been sanctioned.

**Nagavalli River System**—*Excavating the Palavalasa Distributary.*—Estimate Rs. 17,000.) The outlay during the year was Rs. 763 and to the end of the year Rs. 1,268.

**Godavari Delta System**—(1) Improvements to the upper portion *of the Yenamadurru Drain.*—(Estimate Rs. 10,14,684.) The outlay during the year was Rs. 17,556 and to the end of the year Rs. 9,72,035.

(2) *Providing means of irrigation to the waste lands proposed for second crop cultivation in the Godavari Western Delta.*—(Estimate Rs. 19,100.) The outlay during the year was Rs. 1,239 and to the end of the year Rs. 11,235.

(3) *Providing irrigation facilities to the Government waste lands in Vempa Muthuyalapalli and Losarigutlapadu Ranges.*—(Estimate Rs. 88,885.) The outlay during the year was Rs. 14,575 and to the end of the year Rs. 51,068.

(4) *Constructing a head sluice to the Venkayya and Weyyeru Canal.*—(Estimate Rs. 80,900.) The outlay during the year was Rs. 31,030 and to the end of the year Rs. 75,406.

(5) The following were some of the more important channels and drains the remodelling of, or improvements to, which were in progress during the year in the Godavari Delta and the total expenditure incurred thereon was Rs. 5,728 :—

(1) Remodelling the Rameswaram channel.

(2) Remodelling the Adivicodu channel.

(3) Excavating the Kakinada drain.

**Polavaram Island Project.**—Extending the north and south embankments of the Polavaram island and constructing outfall sluices. (Estimate Rs. 63,550.) The outlay during the year was Rs. 6,630 and to the end of the year Rs. 6,735.

**Kistna Delta System**—(1) *Extension of the Kistna East Bank Canal.*—(Estimate Rs. 28,49,320.) The outlay during the year was Rs. 6,98,864 and to the end of the year Rs. 8,07,180. The excavation was in progress in the first two reaches (i.e.) from head to 17/6, nearly a fourth having been done in the first reach, and nearly three-fourths in the second. Masonry works (locks, lock weirs and bridges) in the two reaches were nearing completion. The widening of the main and the Masulipatam canals has been taken up and will be completed in 1935–36. The excavation of the Divi canal and the diversion of the flood bank were completed, as also the left flank regulator above the aqueduct. In the aqueduct



work (substructure), the raising of 21 piers and one abutment left at level + 2·50 in the last season was in progress, and the whole work inclusive of the trough for the entire length is expected to be completed by about the end of May 1936. The investigation of the 15,000 acres block and the alignment of field channels and the preparation of plans and estimates for the same were nearly completed.

(2) *Improvements to the Pedalanka Channel.*—(Estimate Rs. 4,28,690.) The outlay during the year was Rs. 74,486 and to the end of the year, Rs. 1,01,328. The excavation of the canal in the first three reaches (0 to 15/6) was almost completed and this portion is expected to function fully in the irrigation season of 1935. Work in the other reaches was also in progress. Masonry works were also in good progress, one lock and one bridge having been completed during the year. The construction of two other locks and lock weirs was also in progress during the year.

(3) *Excavation of the Vempad Channel.*—(Estimate Rupees 1,05,066.) The outlay during the year was Rs. 4,973 and to the end of the year Rs. 1,01,788. The work was almost completed.

(4) *Excavating the Pedakondur Channel, Kistna Western Delta.*—(Estimate Rs. 47,286.) The work was started during the year and an outlay of Rs. 11,834 was incurred.

(5) *Excavating the Tumulur, Davulur and Kollipara New Channels.*—(Estimate Rs. 54,071.) The work was started during the year and an expenditure of Rs. 10,455 was incurred.

**Penner River Canals System**—*Extension of Irrigation under the Kanigiri Reservoir.*—(Estimate Rs. 41,300.) The outlay during the year was Rs. 11,646 and to the end of the year Rs. 27,634.

**Cauvery Delta System**—(1) *Converting the Cauvery-Arasalar dam into a Regulator.*—(Estimate Rs. 36,000.) The expenditure during the year was Rs. 13,157 and to the end of the year Rs. 31,500.

(2) *Improvements to the Odambogiyar.*—(Estimate Rupees 40,500.) The outlay during the year was Rs. 16,637 and to the end of the year Rs. 26,535.

(3) *Improvements to Thillaivilagam and Pallimodu Channels under Viranvayal Regulator.*—(Estimate Rs. 32,400.) The outlay during the year was Rs. 7,817 and to the end of the year Rs. 8,810.

(4) *Conversion of three dams across the Pamaniyar into Regulators.*—(Estimate Rs. 58,700.) The outlay during the year was Rs. 24,402, and to the end of the year Rs. 48,420.

**Vriddhachalam Anicut System**—*Excavating a new supply channel to Kattalai and Upper Adanur tank from Sathapadi dam.*—(Estimate Rs. 14,800.) The outlay during the year was Rs. 1,977 and to the end of the year Rs. 13,004.

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

**Ganjam division**—*Excavating a leading channel on the right side of Koratholi Tampara.*—(Estimate Rs. 27,000.) The outlay during the year was Rs. 5,306 and to the end of the year Rs. 26,650.

**Kistna Central division**—*Formation of a new tank in Paidurpad village.*—(Estimate Rs. 25,360.) An expenditure of Rs. 16,093 was incurred during the year.

**Nellore division**—*Improvements to the Chamadala tank and supply channel.*—(Estimate Rs. 37,870.) The outlay during the year was 18,319 and to the end of the year Rs. 23,580.

**Kurnool division**—*Restoration of the Kothapalli Spring channel.*—(Estimate Rs. 22,800.) The outlay during the year was Rs. 6,544 and to the end of the year Rs. 11,243, inclusive of the amount spent out of contribution.

**Salem division**—*Restoration of the Gudumalai tank and supply channel.*—(Estimate Rs. 37,700.) The outlay during the year was Rs. 6,970 and to the end of the year Rs. 24,626.

**Trichinopoly division**—*Improvements to Musiri Nattu Vaikal.*—(Estimate Rs. 46,460.) The outlay during the year was Rs. 1,290 and to the end of the year Rs. 35,255.

*Resluicing the Pugalur channel.*—(Estimate Rs. 27,000.) The outlay during the year was Rs. 397 and to the end of the year Rs. 25,076.

*Excavation of the Puduvoithalai high level channel for the irrigation of sanded areas of the Murungapettai block.*—(Estimate Rs. 73,000.) The outlay during the year was Rs. 31,362, and to the end of the year Rs. 39,791.

*Restoring the Neiveli anicut and channel and restoring the Neiveli, Sitambur and Komangalam tanks.*—(Estimate Rs. 38,000.) The outlay during the year was Rs. 15,118 and to the end of the year Rs. 24,282.

## B. SEASON RAINFALL AND SUPPLY.

*Rushikulya System.*—The rainfall during the year was poor, though timely, but channels could be run full practically throughout the season owing to a steady supply in the river. The season was generally good with normal yield of crops.

The average rainfall in the catchment area was 43·10 inches, as against 71·70 in 1933–34. Rain gauges were read at six stations and the quantity of rainfall recorded was 37·86 inches during the south-west monsoon and 3·57 inches during the north-east monsoon. The rainfall on the whole was much less than normal. The water level in the Russellkonda reservoir was 44·90 feet on the 15th July 1934 when it was first opened for irrigation and 39·85 feet on the



17th November 1934 when it was closed; and the reading in the Surada reservoir was 27·90 feet on the 27th July 1934 when it was opened and 27·10 feet on the 25th November 1934 when it was closed.

*Nagavalli River System.*—The transplantation in the Nagavalli project area also was completed early and the supply of water was sufficient for the whole area. The yield of the crops is reported to have been above the normal. Water for the second crop was supplied for the whole project from 10th January to 28th February 1935 according to the needs of the cultivation season. The water was used by the ryots for the cultivation of chiefly ragi, gingelly and chitteda paddy, on a total extent of 5,816 acres.

*Godavari Delta System.*—The rainfall was below the average in the whole of the delta, but the canal supplies were on the whole good except during part of July in the first crop transplantation period in the Eastern Delta and also towards the end of the second-crop season in general. The first-crop season was fair in the Central Delta and moderate in the other two deltas. The area under the second crop was above the average, additional area having been allowed chiefly in the Western Delta in the case of lands where the yield of the first crop was poor.

*Kistna Delta.*—When the canals were reopened, there was a decent supply from the river owing to the ponding up during the summer, but it dropped very rapidly. The rains also held up and the floods in the river came late. Difficulty was felt in rearing the seedlings and in transplanting the lands for which seedlings were grown under tanks. The river rose on the 3rd July and the floods lasted till transplantation was almost over. There were heavy rains in July and this enabled the completion of transplantation to be effected by the usual date.

There was a tendency on the part of the ryots to resort to sugarcane cultivation and special arrangements were made to supply water to the crops during the year.

*Divi Pumping System.*—Pumping was started on the 6th July and stopped on 26th November 1934. The rainfall and supply in the river were satisfactory during the transplantation period but they were not sufficient during the post-transplantation period of September and October. The river was very low between the 15th and 25th November 1934, and the demand for water could not be met satisfactorily. Transplantation commenced on the 10th July and was completed on the 20th August 1934. Though there were good rains in the last week of July, the ryots could not derive full benefit therefrom owing to want of sufficient labour. On the whole, the season and the supply in the river were more favourable than in the previous year and the yield also is reported to have been good.

*Penner River Canals System.*—The rainfall was on the whole very poor. There were also no floods in the river. There was great

scarcity of water supply for irrigation all over the delta, and consequently a large extent had to be grown with late crops which also suffered from dearth of water. There was not a sufficient supply for raising a second crop in the delta.

*Cauvery Delta.*—The seasonal condition was generally fair throughout.

*Periyar System.*—The rainfall during the year in the catchment and in the irrigated area was considerably less than in any of the previous years. During the period from 1st June to 15th December, the rainfall at Thekkadi was only 38 inches, against an average of 63 inches for the previous ten years. The total discharge through the head sluice at Thekkadi during the irrigation season was 21,497 million cubic feet, against an average of 26,674 million cubic feet for the previous twelve years. Shortage of supply began to be felt towards the end of August. In the meantime, the first crop in the double-crop area having been raised under very favourable conditions had matured and the harvest in September yielded a good crop. Owing to shortage of rain in the latter half of August and the abnormally hot and dry weather then prevailing, the transmission losses were very high and it was not possible to increase the discharge. A crisis was reached towards the end of September. A system of internal turns in the channels had to be resorted to then, with a ruling duty of 140 to start with, which was raised to 160 later on. This turn system was stopped from 6th October, conditions having improved somewhat. Unfortunately however, owing to the failure of the north-east monsoon in November, a turn system had to be introduced a second time from 3rd December, with a ruling duty of 120 to start with, which was raised to as much as 300 at the last stages, and water was allowed in all channels except the IX, X and XII branch channels by day and closed by night subject to further modifications to suit the local conditions. The yield of crop as a whole in the delta portion was 75 per cent of the normal.

The highest flood during the year in the Vaigai was recorded at Peranai on 28th October 1934, the front and rear gauge readings being 10·9 feet and 5·6 feet respectively when eight gates were opened 1 foot each. The Periyar head sluice was opened on 1st June 1934, with the lake level at 148·98 feet, and was closed on 15th March 1935, with lake level at 114·40. The highest level to which water rose in the Periyar lake during the year was 152·55 on the 5th July 1934.

*Srivaikuntam Anicut System.*—Both the monsoons were a failure during the year, the rainfall being far below the average of the previous years. In the first crop season the anicut surplussed only for three days during the year, in the south-west monsoon period, as against 59 days in 1933, nine days in 1932 and fifteen days in 1931. Even on these three days, the overflow was hardly 0·2 foot over the anicut crest. During the north-east monsoon, the conditions were comparatively worse. The anicut surplussed for eleven days during this period, as against 59 days in 1933, 33 days in 1932 and 54 days in 1931. The season was on the whole bad which resulted in considerable withering of standing crops.



## 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 reopening. |
|---|---|---|
| Eastern delta canals .. | 1st May 1934 .. | 8th June 1934. |
| Central delta canals .. | 15th April 1934 .. | 23rd May 1934. |
| Western delta canals .. | 28th April 1934 .. | 5th June 1934. |
| Dummagudem canals .. | 31st March 1934 .. | 10th June 1934. |

*Kistna Delta.*

| Canals. | Date of reopening. | Date of closure. |
|---|---|---|
| Kistna Eastern delta— | | |
| Main canal .. .. | 15th May 1934 .. | 15th March 1935. |
| Bandar canal .. .. | Do. .. | 1st March 1935. |
| Ryves canal .. .. | Do. .. | Do. |
| Ellore canal .. .. | 1st June 1934 .. | 15th March 1935. |
| Kistna Western delta— | | |
| All canals .. .. | 1st June 1934 .. | 16th March 1935. |

## D. INDUSTRIAL CROPS.

The extent of sugarcane cultivation under the various systems during the year was 20,562 acres, which was chiefly in the Godavari and the Kistna Delta and in the Hospet taluk of the Bellary district, against 19,372 acres in the previous year. The extent of indigo cultivation under the Penner River Canals system was 28 acres, against 315 acres in the previous year. The decrease is due to the want of timely rains.

## 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. | 567 | 2,889 | .. | 3,456 |
| In charge of Revenue Department .. | 5,472 | 25,634 | 1,714 | 32,820 |
| Total .. | 6,039 | 28,523 | 1,714 | 36,276 |

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

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

Statement showing the outlay incurred in 1934–35 on "works for which neither Capital nor Revenue accounts are kept—Irrigation works" by minor heads.

| Minor heads. | Ordinary minor works. Public Works Department works. | Revenue Department works in charge of Public Officers. | Old maintenance charges. | Tank Restoration Scheme works. | Total. |
|---|---|---|---|---|---|
| | RS. | RS. | RS. | RS. | RS. |
| Works .. .. | 1,20,211 | 419 | .. | .. | 1,20,630 |
| Extensions and improvements .. | 86,959 | 2,198 | 41,957 | .. | 1,31,114 |
| Maintenance and repairs .. .. | 11,84,036 | 8,467 | 2,56,538 | 1,03,718 | 15,52,759 |
| Establishment .. | 3,91,356 | 2,715 | 1,04,736 | 29,916 | 5,28,723 |
| Tools and plant .. | 5,092 | 28 | 1,120 | 383 | 6,623 |
| Miscellaneous expenditure .. | 1,31,969 | .. | .. | .. | (a) 1,31,969 |
| Total .. | 19,19,623 | 13,827 | 4,04,351 | 1,34,017 | 24,71,818 |
| *Add* outlay incurred by Civil officers on minor irrigation works .. .. | .. | .. | .. | .. | (b) 14,62,603 |
| Grand total .. | .. | .. | .. | .. | 39,34,421 |

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

| | RS. |
|---|---|
| (b) Works .. .. .. .. .. .. .. | 29,225 |
| Maintenance and repairs .. .. .. .. | 11,86,796 |
| Establishment .. .. .. .. .. .. | 2,46,582 |
| Tools and plant .. .. .. .. .. | .. |
| Total .. | 14,62,603 |

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

| | 1933–34 | 1934–35 |
|---|---|---|
| | RS. | RS. |
| Irrigation revenue ... ... | 97,14,853 | 85,60,502 |
| Receipts collected by the Public Works Department ... ... | 73,093 | 68,027 |
| Total ... | 97,87,946 | 86,28,529 |

5. The net revenue of the year, after deducting working expenses, amounted to Rs. 48,51,236, against Rs. 61,45,197 in the previous year.



6. The progress made in the investigation and execution of Tank Restoration Scheme works is dealt with in paragraph 10 of Chapter II. The following table shows by districts the work done during and up to the end of the year 1934–35 :—

*Districtwar Particulars.*

| Circle. | Districts. | Approximate area investigated. During the year 1934–35. | Approximate area investigated. To the end of the year 1934–35. | Number of estimates sanctioned. During the year 1934–35. | Number of estimates sanctioned. To the end of the year 1934–35. | Amount of estimates sanctioned. During the year 1934–35. | Amount of estimates sanctioned. To the end of the year 1934–35. |
|---|---|---|---|---|---|---|---|
| | | SQ. MLS. | SQ. MLS. | | | RS. | RS. |
| Waltair .. .. | Ganjam .. | Nil. | 36 | Nil. | 31 | Nil. | 7,198 |
| | Vizagapatam | ,, | 1,314 | 1 | 462 | 265 | 15,23,878 |
| Dowlaishwaram * .. | East Godavari. | 79·78 | 146·78 | 5 | 900 | 31,790 | |
| | West Godavari | 0·56 | 2,402·56 | 1 | | 2,300 | |
| Bezwada .. .. | Kistna .. | Nil. | 1,491 | Nil. | 160 | Nil. | 2,40,888 |
| | Guntur .. | ,, | 4,411 | ,, | 257 | ,, | 2,04,724 |
| | Nellore .. | ,, | 7,300 | ,, | 474 | ,, | 6,13,994 |
| Madras .. | Kurnool .. | ,, | 7,648 | ,, | 340 | ,, | 3,33,682 |
| | Cuddapah .. | ,, | 4,650 | ,, | 1,318 | — 1,855 | 11,81,052 |
| | Bellary .. | ,, | 10,518 | ,, | 251 | — 250 | 3,44,806 |
| | Anantapur .. | ,, | 7,830 | ,, | 789 | 270 | 10,72,762 |
| | Chingleput .. | ,, | 2,227 | 1 | 2,048 | 1,100 | 32,19,271 |
| | Chittoor .. | ,, | 1,583 | 2 | 601 | 3,888 | 5,87,447 |
| | North Arcot .. | ,, | .. | Nil. | 2,099 | — 4,164 | 26,99,332 |
| | North Arcot .. | ,, | 4,659 | 2 | | 4,155 | |
| Coimbatore † .. | Coimbatore .. | ,, | 8,097 | Nil. | 149 | Nil. | 3,10,079 |
| | Salem .. | ,, | 6,052 | 1 | 1,271 | 1,290 | 11,19,147 |
| Tanjore .. .. | South Arcot .. | ,, | 851 | 6 | 723 | 18,325 | 16,29,113 |
| | Tanjore .. | ,, | 1,140 | Nil. | 610 | Nil. | 7,04,940 |
| Trichinopoly .. | Trichinopoly | ,, | 4,564 | 1 | 599 | 3,200 | 12,28,159 |
| | Madura .. | ,, | 4,836 | Nil. | 1,644 | Nil. | 14,95,984 |
| | Tinnevelly .. | ,, | 1,970 | ,, | 968 | ,, | 13,40,931 |
| | Ramnad .. | ,, | 1,643 | ,, | 3 | ,, | 2,33,325 |
| | Total .. | 80·34 | 85,369·34 | 20 | 15,697 | 60,314 | 2,01,82,734 |

* Revenue Tank Restoration Scheme figures of East Godavari district are not included in these figures.

† Particulars regarding Revenue Tank Restoration Scheme Works of North Arcot district have not been included in these columns.

*Navigation, Embankment and Drainage works.*

7. The receipts which were realised by the sale of plantation and produce of trees along river embankments amounted to Rs. 60,916, against Rs. 66,912 in the previous year.

8. The expenditure incurred amounted to Rs. 8,67,705, against Rs. 8,93,810 in the previous year as shown below :—

| | 1934–35 | 1933–34 |
|---|---|---|
| | RS. | RS. |
| Works ... ... ... ... | 4,588 | 13,926 |
| Extensions and improvements. | 8,727 | 37,538 |
| Maintenance and repairs ... | 6,22,364 | 6,06,571 |
| Establishment ... ... ... | 2,25,727 | 2,30,014 |
| Tools and plant ... ... | 5,334 | 5,011 |
| Other charges ... ... ... | 965 | 750 |
| Total ... | 8,67,705 | 8,93,810 |

MADRAS,
*19th December* 1935.

R. NARASIMHA AYYANGAR,
*Chief Engineer for Irrigation.*

# APPENDIX I.

## STATISTICAL STATEMENTS (*Prescribed by the Secretary of State*).

### A-I.—Statement of Canals in the Madras Presidency for the year 1934–35.

| — (1) | | Nagavalli river system. (2) | Godavari delta system. (3) | Kistna delta system. (4) | Divi pumping system. (5) | Pennar river canals system. (6) | Kurnool-Cuddapah canal. (7) | Poiney anicut system. (8) | Cheyyar anicut system. (9) |
|---|---|---|---|---|---|---|---|---|---|
| Source of supply of water .. .. .. | | River Nagavalli. | River Godavari. | River Kistna. | Pumping from river Kistna. | River Pennar. | River Tungabhadra. | River Poiney. | River Cheyyar. |
| Minimum discharge of river .. .. | C.ft. per sec. | 125 | 1,879 | .. | .. | .. | 227 | Nil. | Nil. |
| Maximum discharge of main canals, as designed. | ,, | 414 | 12,772 | 13,284 | 718 | 8,392 | 2,000 | 3,217 | 1,542 |
| Maximum discharge during the year | ,, | 350 | 14,247 | 13,497 | 688·8 | 5,864 | 2,035 | 889 | 825 |
| Average rainfall for the year .. .. | Inches. | 44·42 | 30·63 | 34·6 | 37·22 | 23·75 | 10·84 | 36·48 | 30·27 |
| Gross area commanded .. .. | Acres. | 49,920 | 1,295,000 | 1,350,400 | 100,000 | 258,600 | 383,115 | 42,560 | 29,461 |
| Culturable area commanded .. .. | ,, | 31,200 | 1,122,500 | 1,000,000 | 80,000 | 190,000 | 357,569 | 23,824 | 29,461 |
| Area irrigable by complete project .. | ,, | 27,658 | 840,000 | 968,000 | 50,000 | 165,385 | 130,282 | 23,824 | 23,629 |
| Area irrigable at present .. .. | ,, | 27,500 | 810,000 | 810,000 | 42,000 | 162,500 | 123,419 | 22,462 | 22,687 |
| Sanctioned estimate— | | | | | | | | | |
| Direct charges .. .. .. | Rs. | 17,47,770 | 1,10,89,332 | 1,42,13,010 | 19,50,000 | 47,80,289 | 1,76,35,000 | 2,67,178 | 4,42,925 |
| Indirect charges .. .. .. | ,, | 68,530 | 19,34,864 | 9,81,160 | 48,000 | 10,06,096 | | 6,379 | 11,754 |
| Interest during construction .. | ,, | 2,93,217 | 1,11,38,052 | 1,28,24,716 | 3,23,617 | 22,88,418 | | .. | .. |
| Total, Estimate .. | ,, | 21,09,517 | 2,41,62,248 | 2,80,18,886 | 23,21,617 | 80,74,803 | 1,76,35,000 | 2,73,557 | 4,54,679 |
| Expenditure to end of 1934–35— | | | | | | | | | |
| Direct charges .. .. .. | Rs. | 16,89,423 | 1,62,63,139 | 1,94,88,404 | 25,91,505 | 58,49,092 | 2,33,13,676 | 2,95,106 | 5,21,242 |
| Indirect charges .. .. .. | ,, | 42,387 | 20,57,462 | 11,57,227 | 61,638 | 10,15,385 | 73,438 | 8,812 | 15,173 |
| Interest during construction .. | ,, | 2,93,217 | 99,82,397 | 96,15,269 | 3,09,819 | 25,84,125 | .. | .. | .. |
| Total, Expenditure .. | ,, | 20,25,027 | 2,83,02,998 | 3,02,60,900 | 29,62,962 | 94,48,602 | 2,33,87,114 | 3,03,918 | 5,36,415 |
| Works completed at end of 1934–35— | | | | | | | | | |
| Main canals, irrigation .. .. | Miles. | 64¼ | 509¾ | 349 | 50 | 30¾ | 417⅝ | 55 | 21 |
| Branch canals, irrigation .. .. | ,, | | | | | | | 49 | 40 |
| Distributaries .. .. .. | ,, | 47¼ | 1,925¼ | 2,198¼ | 120¾ | 477 | 294⅞ | 78 | 120 |
| Of above— | | | | | | | | | |
| Navigable .. .. .. .. | | .. | 492¾ | 382¼ | .. | .. | 75 | .. | .. |

## A-I.—Statement of Canals in the Madras Presidency for the year 1934–35—*cont.*

| — | | Tirukkoyilur anicut system. | Shatiatope anicut system. | Lower Coleroon anicut system. | Cauvery delta system. | Srivaikuntam anicut system. | Ganjam minor rivers system. | Muniyeru system. |
|---|---|---|---|---|---|---|---|---|
| | | (10) | (11) | (12) | (13) | (14) | (15) | (16) |
| Source of supply of water .. .. .. | | River Ponniar. | River Vellar. | River Coleroon. | River Cauvery. | River Tambraparni. | Rivers Langulya, Vamsadhara and Garibulagedda drain. | River Muniyeru. |
| Minimum discharge of river .. .. | C.ft. per sec. | 134 | 136 | .. | .. | .. | Not known. | .. |
| Maximum discharge of main canals, as designed. | ,, | 1,271 | 850 | 2,377 | 43,750 | 1,860 | | 300 |
| Maximum discharge during the year. | ,, | 425 | 960 | 3,062 | 22,000 | 16,37 | | 338 |
| Average rainfall for the year .. .. | Inches. | 39·73 | 46·94 | 41·34 | 32·21 | 22·97 | 36·92 | 24·11 |
| Gross area commanded .. .. | Acres. | 54,895 | 108,069 | 158,526 | 1,706,023 | 80,000 | 88,000 | 14,471 |
| Culturable area commanded .. .. | ,, | 45,977 | 43,965 | 117,233 | 909,034 | 33,500 | 70,000 | 13,024 |
| Area irrigable by complete project .. | ,, | 28,000 | 34,000 | 110,308 | 908,375 | 25,685 | 67,000 | 10,580 |
| Area irrigable at present .. .. | ,, | 28,000 | 32,000 | 107,928 | 900,926 | 25,685 | 66,800 | 10,000 |
| Sanctioned estimate— | | | | | | | | |
| Direct charges .. .. .. | Rs. | 3,66,759 | 9,15,245 | 18,69,597 | 16,62,925 | 13,61,520 | 2,58,182 | 6,71,434 |
| Indirect charges .. .. .. | ,, | 9,189 | 57,271 | 71,259 | 1,66,767 | 1,15,286 | 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 1934–35— | | | | | | | | |
| Direct charges .. .. .. | Rs. | 3,89,189 | 10,29,139 | 29,13,423 | 76,79,203 | 16,67,459 | 2,78,196 | 5,71,308 |
| Indirect charges .. .. .. | ,, | 10,001 | 59,669 | 88,246 | 2,60,773 | 1,07,604 | 11,030 | 29,751 |
| Interest during construction .. | ,, | .. | .. | .. | 13,37,765 | 8,67,827 | .. | .. |
| Total, Expenditure .. | ,, | 3,99,190 | 10,88,808 | 30,01,669 | 92,77,741 | 26,42,890 | 2,89,226 | 6,01,059 |
| Works completed at end of 1934–35— | | | | | | | | |
| Main canals, irrigation .. .. | Miles. | 57 | 3 | 94 | 1,258¼ | 28 | 119 | 26¾ |
| Branch canals, irrigation .. .. | ,, | 80 | 38 | 289 | | | | 34 |
| Distributaries .. .. .. | ,, | 28·25 | 149 | 620 | 3,205 | 46 | 225 | 6¼ |
| Of above— | | | | | | | | |
| Navigable .. .. .. .. | | .. | .. | .. | .. | .. | .. | .. |



## A-I.—Statement of Canals in the Madras Presidency for the year 1934–35—*cont.*

| — | | Sagileru system. | Arkenkota channel. | Tadapalli channel. | Kalingarayan channel. | Palar anicut system. | Valluru anicut system. | Mehamattur anicut system. | Vriddhachalam anicut system. | Pelandorai anicut system. |
|---|---|---|---|---|---|---|---|---|---|---|
| | | (17) | (18) | (19) | (20) | (21) | (22) | (23) | (24) | (25) |
| Source of supply of water .. .. .. | | River Sagileru. | River Bhavani. | River Bhavani. | River Bhavani. | River Palar. | River Kortalyar. | River Manimuktanadi. | River Manimuktanadi. | River Vellar. |
| Minimum discharge of river .. .. | C.ft. per sec. | .. | .. | .. | .. | Nil. | .. | 163 | 17 | 208 |
| Maximum discharge of main canals, as designed. | ,, | 477 | 552 | 725 | 893 | 5,631 | 113 | 263 | 351 | 740 |
| Maximum discharge during the year | ,, | 1,872 | 762 | 1,016 | 737 | 1,576 | 35·66 | 126 | 328 | 335 |
| Average rainfall for the year .. .. | Inches. | 28·88 | 20·94 | 20·94 | 24·03 | 35·64 | 45·18 | 42·89 | 42·42 | 37·54 |
| Gross area commanded .. .. | Acres. | 33,576 | 6,000 | 20,693 | 15,875 | 140,131 | 10,124 | 13,792 | 19,993 | 60,670 |
| Culturable area commanded .. .. | ,, | 26,576 | 6,000 | 19,332 | 15,000 | 105,032 | 6,794 | 10,651 | 16,359 | 16,677 |
| Area irrigable by complete project .. | ,, | 4,500 | 5,000 | 19,332 | 12,500 | 82,718 | 5,216 | 5,200 | 15,559 | 16,060 |
| Area irrigable at present .. .. | ,, | 4,500 | 4,845 | 15,400 | 12,327 | 78,668 | 5,216 | 5,000 | 8,829 | 12,837 |
| Sanctioned estimate— | | | | | | | | | | |
| Direct charges .. .. .. | Rs. | 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 1934-35— | | | | | | | | | | |
| Direct charges .. .. .. | Rs | 4,47,108 | 1,40,769 | 1,66,383 | 1,75,980 | 23,48,502 | 74,366 | 80,691 | 1,02,258 | 6,43,302 |
| Indirect charges .. .. .. | ,, | 17,619 | 3,676 | 11,063 | 4,506 | 1,17,304 | 1,916 | 2,062 | 3,666 | 48,772 |
| Interest during construction .. | ,, | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Total, Expenditure .. | ,, | 4,64,727 | 1,44,445 | 1,77,446 | 1,80,486 | 24,65,806 | 76,282 | 82,753 | 1,05,924 | 6,92,074 |
| Works completed at end of 1934–35— | | | | | | | | | | |
| Main canals, irrigation .. .. | Miles. | 12 | 20 | 48 | 57 | 156 | 5⅝ | 7 | 17 | 15 |
| Branch canals, irrigation .. .. | ,, | .. | 4 | 35 | 4 | | | 8 | 16 | 24 |
| Distributaries .. .. .. | ,, | .. | .. | .. | .. | 139 | 8 | 9·26 | 16 | 25 |
| Of above— | | | | | | | | | | |
| Navigable .. .. .. .. | | .. | .. | .. | .. | .. | .. | .. | .. | .. |

## A-I.—Statement of Canals in the Madras Presidency for the year 1934–35—*cont.*

| — | | Nandiyar channel system. (26) | Marudur anicut system. (27) | Nagavaram anicut and supply channel. (28) | Kaniyampalaiyam anicut. (29) | Polavaram Island project. (30) | Kattalai south bank canal. (31) | Ganjam-Gopalpur canal. (32) | Buckingham canal. (33) | Vedaranniyam canal. (34) |
|---|---|---|---|---|---|---|---|---|---|---|
| Source of supply of water .. .. .. | | River Nandiyar. | River Tambraparni. | Gunjaneru. | River Bhavani. | Godavari delta bank canal. | Cauvery. | | | |
| Minimum discharge of river .. .. | C.ft. per sec. | .. | .. | 77·08 | .. | 16 | .. | .. | .. | .. |
| Maximum discharge of main canals, as designed. | ,, | 237 | 1,096 | 78 | 27·56 | 292 | 1,000 | .. | .. | .. |
| Maximum discharge during the year. | ,, | 222 | 1,309 | 78 | .. | 244 | 937 | .. | .. | .. |
| Average rainfall for the year .. .. | Inches. | 29·53 | 22·97 | 25·92 | 12·50 | 18·04 | 23·89 | .. | .. | .. |
| Gross area commanded .. .. | Acres. | 9,480 | 35,840 | 894 | 1,600 | 23,135 | 40,000 | .. | .. | .. |
| Culturable area commanded .. .. | ,, | 9,480 | 17,920 | 894 | 1,600 | 18,648 | 40,400 | .. | .. | .. |
| Area irrigable by complete project .. | ,, | 7,295 | 17,920 | 894 | 400 | 17,500 | 40,000 | .. | .. | .. |
| Area irrigable at present .. .. | ,, | 7,084 | 17,920 | 894 | 213 | 17,500 | 36,623 | .. | .. | .. |
| Sanctioned estimate— | | | | | | | | | | |
| Direct charges .. .. .. | Rs. | 63,231 | 50,541 | 1,07,295 | 1,36,343 | 17,97,194 | 42,96,845 | 1,43,100 | 85,56,015 | 1,32,699 |
| Indirect charges .. .. .. | ,, | 2,484 | 1,265 | 2,595 | 3,757 | 24,463 | 71,381 | 12,393 | 4,88,256 | 3,733 |
| Interest during construction .. | ,, | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Total, Estimate .. | ,, | 65,715 | 51,806 | 1,09,890 | 1,40,100 | 18,21,657 | 43,68,226 | 1,55,493 | 90,44,271 | 1,36,432 |
| Expenditure to end of 1934–35— | | | | | | | | | | |
| Direct charges .. .. .. | Rs. | 63,231 | 58,721 | 1,07,295 | 1,07,221 | 16,03,727 | 35,84,221 | 1,43,100 | 85,92,529 | 1,32,699 |
| Indirect charges .. .. .. | ,, | 2,484 | 1,401 | 2,595 | 3,853 | 26,900 | 84,380 | 12,393 | 4,89,464 | 3,733 |
| Interest during construction .. | ,, | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Total, Expenditure .. | ,, | 65,715 | 60,122 | 1,09,890 | 1,11,074 | 16,30,627 | 36,68,601 | 1,55,493 | 90,81,993 | 1,36,432 |
| Works completed at end of 1934–35— | | | | | | | | | | |
| Main canals, irrigation .. .. | Miles. | 31 | 29 | 2 | 10¾ | .. | 18¼ | .. | 262 | 35½ |
| Branch canals, irrigation .. .. | ,, | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Distributaries .. .. .. | ,, | .. | 7¼ | .. | .. | 45¾ | .. | .. | .. | .. |
| Of above— | | | | | | | | | | |
| *Navigable* .. .. .. .. | | .. | .. | .. | .. | .. | .. | .. | 262 | 31¾ |



## A-II.—Statement of Reservoir Projects in the Madras Presidency for the year 1934–35.

| — | | Barur tank. (1) | Periyar system. (2) | Rushikulya system. (3) | Jangamaheswarapuram tank. (4) | Atmakur tank. (5) | Dondapad tank. (6) | Hajipuram tank. (7) | Ponnalur tank. (8) |
|---|---|---|---|---|---|---|---|---|---|
| Source of supply of water .. .. .. | | Ponniar river and local rivers. | Periyar and Vaigai rivers. | Mahanadi and Rushikulya rivers. | Catchment of Dondi vagu. | Catchment of Chandravanka and Kolaguntla vagus. | Rainfall. | Domaleru diverted into the tank. | Gudiseleru diverted into the tank. |
| If supplied by rainfall. Area of catchment .. | Sq. miles. | 2,082 | 239 | 1,751 | 60 | 105 | 56 | 100 | 32·14 |
| If supplied by rainfall. Average rainfall during the year. | Inches. | 33·59 | 83·96 | 44·90 | 21·04 | 21·04 | 18·56 | 32·32 | 28·89 |
| Contents of tank between levels of surface of full supply and sill of canal head sluice. | Mill. c.ft. | 248·6 | 9,815 | 2,736·2 | 79 | 164 | 288·38 | 309 | 180·512 |
| Area of surface at full supply .. | Acres. | 605 | 10·20 | 5,003 | 619 | 575 | 705 | 1,600 | 719 |
| Gross area commanded .. .. | ,, | 6,887 | 768,000 | 230,880 | 960 | 1,700 | 3,240 | 2,900 | 1,973 |
| Culturable area commanded .. | ,, | 6,887 | Not known. | 142,000 | 960 | 1,160 | 2,880 | 2,900 | 1,973 |
| Area irrigable by complete projects. | ,, | 6,887 | 143,000 | 120,000 | 290 | 460 | 250 | 700 | 1,000 |
| Area irrigable at present .. .. | ,, | 3,750 | 143,000 | 117,000 | 290 | 460 | 250 | 700 | 1,000 |
| Sanctioned estimate— | | | | | | | | | |
| Direct charges .. .. .. | Rs. | 4,00,000 | 84,71,000 | 45,53,000 | 61,253 | 1,09,951 | 1,24,786 | 2,78,774 | 1,90,887 |
| Indirect charges .. .. .. | ,, | 25,300 | 2,79,000 | 3,92,820 | 10,411 | 13,428 | 15,218 | 33,109 | 25,011 |
| Interest during construction .. | ,, | 41,439 | 16,23,606 | 14,91,004 | .. | .. | .. | .. | .. |
| Total, Estimate .. | ,, | 4,66,739 | 1,03,73,606 | 64,36,824 | 71,664 | 1,23,379 | 1,40,004 | 3,11,883 | 2,15,898 |
| Expenditure to end of 1934–35— | | | | | | | | | |
| Direct charges .. .. .. | Rs. | 4,19,375 | 1,04,64,627 | 51,66,870 | 61,253 | 1,11,959 | 1,24,786 | 2,78,774 | 1,92,975 |
| Indirect charges .. .. .. | ,, | 23,738 | 3,71,027 | 4,26,045 | 10,411 | 13,444 | 15,218 | 33,109 | 25,674 |
| Interest during construction .. | ,, | 80,175 | 16,06,402 | 16,69,901 | .. | .. | .. | .. | .. |
| Total, Expenditure .. | ,, | 5,23,288 | 1,24,42,056 | 72,62,816 | 71,664 | 1,25,403 | 1,40,004 | 3,11,883 | 2,18,649 |
| Works completed to end of 1934–35— | | | | | | | | | |
| Dam (height completed) .. .. | Feet. | 28 | 173 | 57·7 (earth) | 24 | 33 | 23 (partly earth and partly masonry). | 6 (masonry) | 21½ |
| Canals .. .. .. .. | Miles. | 11 | 152 | 80 | .. | .. | .. | .. | .. |
| Distributaries .. .. .. | ,, | 26 | 118 | 168 | 5½ | 4¼ | 6¾ | 4½ | 7 |

## A-II.—Statement of Reservoir Projects in the Madras Presidency for the year 1934–35—*cont.*

| — | | Anamasamudram Beraperu tank. | Yerur tank. | Cumbum tank. | Markapur tank. | Madras water-supply and irrigation system. | Chembrambakkam tank. | Bhavanasi tank. |
|---|---|---|---|---|---|---|---|---|
| | | (9) | (10) | (11) | (12) | (13) | (14) | (15) |
| Source of supply of water .. .. .. | | Beraperu river. | Rainfall and surplus of upper tanks and also spill from Challakalva branch of Swarnamuki. | Gundlakamma and Jamperu rivers. | Gundlakamma river. | Kortalyar river. | Cooum river. | Rainfall. |
| If supplied by rainfall. Area of catchment .. | Sq. miles. | 23·62 | 60·50 | 430 | 270·25 | 34 | 100 | 43 |
| Average rainfall during the year. | Inches. | 25·08 | 21·27 | 23·39 | 19·72 | 40 01 | 44·26 | 30·99 |
| Contents of tank between levels of surface of full supply and sill of canal head sluice. | Mill. c.ft. | 90·57 | 317·69 | 2,942·17 | 124·52 | 2,729·864 | 3,146 | 174·64 |
| Area of surface at full supply .. | Acres. | 474 | 3,285 | 5,697 | 811 | 5,361 | 5,729 | 650 |
| Gross area commanded .. .. | ,, | 1,000 | 3,176 | 7,860 | 1,931 | 16,129 | 32,554 | 2,700 |
| Culturable area commanded .. | ,, | 1,000 | 3,176 | 6,000 | 1,701 | 10,165 | 24,478 | 2,448 |
| Area irrigable by complete projects. | ,, | 1,000 | 1,500 | 6,000 | 1,701 | 9,852 | 18,000 | 841 |
| Area irrigable at present .. .. | ,, | 1,000 | 1,470 | 5,980 | 1,583 | 9,852 | 18,000 | 841 |
| Sanctioned estimate— | | | | | | | | |
| Direct charges .. .. .. | Rs. | 71,687 | 61,741 | 83,985 | 1,16,657 | 15,47,123 | 6,48,970 | 2,02,289 |
| Indirect charges .. .. .. | ,, | 1,886 | 1,612 | 2,388 | 4,001 | 2,38,945 | 1,12,547 | 6,711 |
| Interest during construction .. | ,, | .. | .. | .. | .. | .. | .. | 47,173 |
| Total, Estimate .. | ,, | 73,573 | 63,353 | 86,373 | 1,20,658 | 17,86,068 | 7,61,517 | 2,56,173 |
| Expenditure to end of 1934–35— | | | | | | | | |
| Direct charges .. .. .. | Rs. | 71,687 | 61,741 | 83,985 | 1,24,481 | 16,28,864 | 6,51,348 | 2,54,395 |
| Indirect charges .. .. .. | ,, | 1,886 | 1,612 | 2,388 | 4,859 | 2,40,054 | 1,12,795 | 11,096 |
| Interest during construction .. | ,, | .. | .. | .. | .. | .. | .. | 29,806 |
| Total, Expenditure .. | ,, | 73,573 | 63,353 | 86,373 | 1,29,340 | 18,68,918 | 7,64,143 | 2,95,297 |
| Works completed to end of 1934–35— | | | | | | | | |
| Dam (height completed) .. .. | Feet. | .. | .. | 56 (earth) | 22 (earth) | 30 (earth) | 25 (earth) | 20 |
| Canals .. .. .. .. | Miles. | .. | .. | .. | 7½ | 11½ | 10⅞ | 6⅛ |
| Distributaries .. .. .. | | 2⅞ | .. | 23¾ | .. | .. | 1⅛ | .. |

## A-II.—Statement of Reservoir Projects in the Madras Presidency for the year 1934–35—*cont.*

| — | | Yellanur tank. | Venkatapuram tank. | Siddapur tank. | Panjapatti reservoir. | Mopad reservoir. | Toludur (Willingdon) reservoir. | Cauvery-Mettur project. |
|---|---|---|---|---|---|---|---|---|
| | | (16) | (17) | (18) | (19) | (20) | (21) | (22) |
| Source of supply of water .. .. .. | | Catchment basin and supply from Chitravati 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 rainfall. Area of catchment .. | Sq. miles. | 120·5 | 51 | 45 | 108 | 250 | 50 | 16,300 |
| Average rainfall during the year. | Inches. | 11·64 | 15·82 | 30·70 | 30·52 | 22·22 | 40·43 | .. |
| Contents of tank between levels of surface of full supply and sill of canal head sluice. | Mill. c.ft. | 342·5 | 237 | 636 | 225 | 2,007 | 2,433·882 | 93,500 |
| Area of surface at full supply .. | Acres. | 2,617 | 448 | 1,125 | 609 | 3,100 | 3,898 | 59·25 sq. mls. |
| Gross area commanded .. .. | ,, | 1,707 | 1,700 | 4,900 | 2,500 | 13,890 | 38,400 | 511,487 |
| Culturable area commanded .. | ,, | 1,641 | 1,700 | 4,250 | 900 | 13,890 | 28,000 | 511,487 |
| Area irrigable by complete projects. | ,, | 925 | 340 | 1,000 | 900 | 12,500 | 27,600 | 332,000 |
| 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 | 3,36,090 | 21,97,000 | 29,60,000 | 7,23,11,000 |
| Indirect charges .. .. .. | ,, | 30,089 | 14,824 | 26,620 | 68,510 | 1,00,000 | 2,50,000 | 13,97,000 |
| Interest during construction .. | ,, | .. | .. | .. | .. | .. | .. | 1 72,19,655 |
| Total, Estimate .. | ,, | 2,65,800 | 3,46,600 | 9,48,600 | 4,04,600 | 22,97,000 | 32,10,000 | 9,09,27,655 |
| Expenditure to end of 1934–35— | | | | | | | | |
| Direct charges .. .. .. | Rs. | 2,39,192 | 3,72,250 | 7,91,038 | 3,27,781 | 21,93,275 | 23,48,221 | 6,49,36,158 |
| Indirect charges .. .. .. | ,, | 30,515 | 12,671 | 13,448 | 11,495 | 96,422 | 2,51,105 | 10,83,248 |
| 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 | 25,99,326 | 8,32,39,061 |
| Works completed to end of 1934–35— | | | | | | | | |
| Dam (height completed) .. .. | Feet. | 15 | 31 | 27·5 | 40 (corewall) | 71½ (earth) | 50 (earth) | 214 (masonry) |
| Canals .. .. .. .. | Miles. | .. | 3¼ | 6⅞ | 1½ | 16⅞ | 31¾ | 103¾ |
| Distributaries .. .. .. | ,, | 3¼ | .. | 9 | .. | 84 | 40 | 514-7/8 |

**B-1.—Capital Accounts of Irrigation, Navigation, Embankment and Drainage Works (classed as 'Productive' and 'Unproductive') for which Capital and Revenue Accounts are kept in the Madras Presidency for the year 1934–35.**

| Works or systems. | | Direct charges (net expenditure). Works. | Establishment. | Tools and Plant. | Suspense. | *Deduct* receipts on capital account. | Total. | Indirect charges. | Total excluding interest. | Simple interest. |
|---|---|---|---|---|---|---|---|---|---|---|
| (1) | | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) |
| A.—IRRIGATION WORKS. | | RS. | RS. | RS. | RS. | RS. | RS. | RS. | RS. | RS. |
| 1.—PRODUCTIVE WORKS. | | | | | | | | | | |
| Cauvery delta system. | To end of previous year. | 61,59,022 | 13,03,211 | 1,34,253 | — 1 | 14,768 | 75,81,717 | 2,60,037 | 78,41,754 | 79,00,729 |
| | During the year. | 71,388 | 25,854 | 244 | .. | .. | 97,486 | 736 | 98,222 | 3,16,442 |
| Srivaikuntam anicut system. | To end of previous year. | 13,23,683 | 3,33,353 | 10,792 | .. | 369 | 16,67,459 | 1,07,604 | 17,75,063 | 33,52,410 |
| | During the year. | .. | .. | .. | .. | .. | .. | .. | .. | 56,607 |
| Godavari delta system. | To end of previous year. | 1,20,84,298 | 31,17,167 | 9,53,292 | .. | 7,858 | 1,61,46,899 | 20,56,447 | 1,82,03,346 | 3,06,05,897 |
| | During the year. | 84,009 | 31,098 | 1,133 | .. | .. | 1,16,240 | 1,015 | 1,17,255 | 5,96,583 |
| Mehamattur anicut system. | To end of previous year. | 64,660 | 16,005 | 17 | .. | .. | 80,682 | 2,062 | 82,744 | 1,70,141 |
| | During the year. | 7 | 2 | .. | .. | .. | 9 | .. | 9 | 2,861 |
| Thadepalli channel .. | To end of previous year. | 1,36,531 | 29,836 | 16 | .. | .. | 1,66,383 | 11,063 | 1,77,446 | 3,31,638 |
| | During the year. | .. | .. | .. | .. | .. | .. | .. | .. | 5,561 |
| Kalingarayan channel. | To end of previous year. | 1,43,789 | 32,191 | .. | .. | .. | 1,75,980 | 4,506 | 1,80,486 | 2,61,428 |
| | During the year. | .. | .. | .. | .. | .. | .. | .. | .. | 5,852 |
| Vriddhachalam anicut system. | To end of previous year. | 79,643 | 19,863 | 54 | .. | .. | 99,560 | 2,604 | 1,02,164 | 1,55,589 |
| | During the year. | 1,977 | 714 | 7 | .. | .. | 2,698 | 1,062 | 3,760 | 3,655 |
| Chembrambakkam tank. | To end of previous year. | 5,14,255 | 1,28,958 | 8,249 | .. | 114 | 6,51,348 | 1,12,795 | 7,64,143 | 14,57,275 |
| | During the year. | .. | .. | .. | .. | .. | .. | .. | .. | 21,875 |
| Marudur anicut system. | To end of previous year. | 47,925 | 10,820 | — 24 | .. | .. | 58,721 | 1,401 | 60,122 | 93,882 |
| | During the year. | .. | .. | .. | .. | .. | .. | .. | .. | 2,099 |
| Pennar river canals system. | To end of previous year. | 47,04,829 | 9,86,470 | 1,44,688 | .. | 2,858 | 58,33,129 | 10,15,268 | 68,48,397 | 1,05,73,043 |
| | During the year. | 11,646 | 4,272 | 45 | .. | .. | 15,963 | 117 | 16,080 | 1,96,891 |
| Arkenkota channel .. | To end of previous year. | 1,14,505 | 26,264 | .. | .. | .. | 1,40,769 | 3,676 | 1,44,445 | 2,88,458 |
| | During the year. | .. | .. | .. | .. | .. | .. | .. | .. | 4,681 |
| Tirukkoyilur anicut system. | To end of previous year. | 3,18,375 | 70,709 | 105 | .. | .. | 3,89,189 | 10,001 | 3,99,190 | 6,92,895 |
| | During the year. | .. | .. | .. | .. | .. | .. | .. | .. | 13,344 |
| Shatiatope anicut system. | To end of previous year. | 8,99,157 | 1,24,645 | 646 | .. | .. | 10,24,448 | 59,425 | 10,83,873 | 9,90,953 |
| | During the year. | 3,436 | 1,243 | 12 | .. | .. | 4,691 | 244 | 4,935 | 36,146 |
| Cheyyar anicut system. | To end of previous year. | 4,17,345 | 1,03,217 | 730 | .. | 50 | 5,21,242 | 15,173 | 5,36,415 | 9,12,541 |
| | During the year. | .. | .. | .. | .. | .. | .. | .. | .. | 19,047 |
| Cumbum tank .. | To end of previous year. | 68,701 | 15,284 | .. | .. | .. | 83,985 | 2,388 | 86,373 | 1,35,561 |
| | During the year. | .. | .. | .. | .. | .. | .. | .. | .. | 2,793 |
| Poiney anicut system. | To end of previous year. | 2,34,263 | 60,576 | 267 | .. | .. | 2,95,106 | 8,812 | 3,03,918 | 5,97,692 |
| | During the year. | .. | .. | .. | .. | .. | .. | .. | .. | 10,840 |
| Periyar system .. | To end of previous year. | 80,28,303 | 16,90,738 | 7,66,897 | .. | 21,311 | 1,04,64,627 | 3,71,027 | 1,08,35,654 | 1,44,02,082 |
| | During the year. | .. | .. | .. | .. | .. | .. | .. | .. | 3,51,030 |
| Kistna delta system .. | To end of previous year. | 1,43,78,605 | 34,73,637 | 7,25,515 | 90 | 23,301 | 1,85,54,546 | 11,46,165 | 1,97,00,711 | 2,95,03,137 |
| | During the year. | 8,15,816 | 1,16,112 | 3,051 | — 655 | 466 | 9,33,858 | 11,062 | 9,44,920 | 7,00,085 |
| Nandiyar channel system. | To end of previous year. | 51,476 | 11,755 | .. | .. | .. | 63,231 | 2,484 | 65,715 | 81,181 |
| | During the year. | .. | .. | .. | .. | .. | .. | .. | .. | 2,132 |
| Ganjam minor rivers system. | To end of previous year. | 2,27,056 | 49,756 | 422 | .. | .. | 2,77,234 | 11,024 | 2,88,258 | 3,26,846 |
| | During the year. | 606 | 351 | 5 | .. | .. | 962 | 6 | 968 | 9,585 |
| Lower Coleroon anicut system. | To end of previous year. | 24,57,252 | 4,42,566 | 16,780 | .. | 3,175 | 29,13,423 | 88,246 | 30,01,669 | 32,94,878 |
| | During the year. | .. | .. | .. | .. | .. | .. | .. | .. | 1,15,612 |
| Divi pumping system. | To end of previous year. | 15,16,432 | 3,98,096 | 6,77,467 | .. | 490 | 25,91,505 | 61,638 | 26,53,143 | 20,94,306 |
| | During the year. | .. | .. | .. | .. | .. | .. | .. | .. | 98,580 |
| Toludur reservoir project. | To end of previous year. | 15,83,552 | 4,68,484 | 3,05,936 | .. | 9,815 | 23,48,157 | 2,50,984 | 25,99,141 | 16,45,659 |
| | During the year. | 46 | 18 | .. | .. | .. | 64 | 121 | 185 | 1,05,385 |
| Polavaram island project. | To end of previous year. | 12,33,221 | 3,51,581 | 13,851 | .. | 4,099 | 15,94,554 | 26,834 | 16,21,388 | 5,33,727 |
| | During the year. | 6,630 | 2,454 | 89 | .. | .. | 9,173 | 66 | 9,239 | 81,876 |
| Cauvery-Mettur Project. | To end of previous year. | 5,83,85,112 | 54,06,866 | 2,91,416 | 4,22,675 | 10,08,036 | 6,34,98,033 | 10,11,946 | 6,45,09,979 | 1,46,02,749 |
| | During the year. | 11,93,185 | 4,13,630 | 5,915 | — 32,684 | 1,41,921 | 14,38,125 | 21,302 | 14,59,427 | 32,87,590 |
| Kattalai scheme .. | To end of previous year. | 27,26,698 | 2,94,614 | 52,391 | 1,694 | 7,626 | 30,67,771 | 69,059 | 31,36,830 | 5,80,685 |
| | During the year. | 4,40,155 | 77,546 | 292 | — 103 | 1,440 | 5,16,450 | 15,321 | 5,31,771 | 1,70,291 |
| Total, A. Irrigation Works—1. Productive Works. | To end of previous year. | 11,78,98,688 | 1,89,66,662 | 41,03,760 | 4,24,458 | 11,03,870 | 14,02,89,698 | 67,12,669 | 14,70,02,367 | 12,55,85,382 |
| | During the year. | 26,28,901 | 6,73,294 | 10,793 | — 33,442 | 1,43,827 | 31,35,719 | 51,052 | 31,86,771 | 62,17,443 |
| 2. UNPRODUCTIVE WORKS. | | | | | | | | | | |
| Kurnool-Cuddapah canal. | To end of previous year. | 1,90,93,092 | 3,80,864 | 40,84,003 | .. | 2,44,283 | 2,33,13,676 | 73,438 | 2,33,87,114 | 4,23,42,302 |
| | During the year. | .. | .. | .. | .. | .. | .. | .. | .. | 7,83,218 |
| Barur tank .. .. | To end of previous year. | 3,35,765 | 76,701 | 6,931 | .. | 22 | 4,19,375 | 23,738 | 4,43,113 | 7,17 106 |
| | During the year .. | .. | .. | .. | .. | .. | .. | .. | .. | 13,945 |

B-1.—Capital Accounts of Irrigation, Navigation, Embankment and Drainage Works (classed as 'Productive' and 'Unproductive') for which Capital and Revenue Accounts are kept in the Madras Presidency for the year 1934-35—*cont.*

| Works or systems. | | Direct charges (net expenditure). Works. | Establishment. | Tools and Plant. | Suspense. | *Deduct* receipts on capital account. | Total. | Indirect charges. | Total excluding interest. | Simple interest. |
|---|---|---|---|---|---|---|---|---|---|---|
| (1) | | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) |
| A.—IRRIGATION WORKS—*cont.* | | RS. | RS. | RS. | RS. | RS. | RS. | RS. | RS. | RS. |
| 2. UNPRODUCTIVE WORKS—*cont.* | | | | | | | | | | |
| Vallur anicut system. | To end of previous year. | 60,662 | 13,679 | 25 | .. | .. | 74,366 | 1,916 | 76,282 | 1,62,807 |
| | During the year. | .. | .. | .. | .. | .. | .. | .. | .. | 2,666 |
| Madras water-supply and irrigation system. | To end of previous year. | 13,92,995 | 2,30,243 | 6,928 | .. | 1,302 | 16,28,864 | 2,40,054 | 18,68,918 | 37,20,202 |
| | During the year. | .. | .. | .. | .. | .. | .. | .. | .. | 55,639 |
| Pelandorai anicut system. | To end of previous year. | 5,20,637 | 1,17,426 | 6,037 | .. | 798 | 6,43,302 | 48,772 | 6,92,074 | 11,25,316 |
| | During the year. | .. | .. | .. | .. | .. | .. | .. | .. | 21,970 |
| Palar anicut system .. | To end of previous year. | 18,50,071 | 4,69,061 | 30,042 | .. | 672 | 23,48,502 | 1,17,304 | 24,65,806 | 51,29,827 |
| | During the year. | .. | .. | .. | .. | .. | .. | .. | .. | 78,547 |
| Rushikulya anicut system. | To end of previous year. | 41,64,007 | 9,23,002 | 1,31,685 | .. | 65,853 | 51,52,841 | 4,25,737 | 55,78,578 | 71,03,995 |
| | During the year. | 8,832 | 5,121 | 76 | .. | .. | 14,029 | 308 | 14,337 | 1,80,295 |
| Muniyeru system .. | To end of previous year. | 4,64,796 | 1,04,516 | 3,728 | .. | 1,732 | 5,71,308 | 29,751 | 6,01,059 | 7,38,843 |
| | During the year. | .. | .. | .. | .. | .. | .. | .. | .. | 19,039 |
| Dondapad tank .. | To end of previous year. | 1,05,848 | 18,945 | .. | .. | 7 | 1,24,786 | 15,218 | 1,40,004 | 1,78,467 |
| | During the year. | .. | .. | .. | .. | .. | .. | .. | .. | 4,149 |
| Yerur tank .. | To end of previous year. | 50,219 | 11,522 | .. | .. | .. | 61,741 | 1,612 | 63,353 | 61,395 |
| | During the year. | .. | .. | .. | .. | .. | .. | .. | .. | 2,053 |
| Sagileru system .. | To end of previous year. | 3,54,321 | 80,339 | 12,449 | .. | 1 | 4,47,108 | 17,619 | 4,64,727 | 6,08,400 |
| | During the year. | .. | .. | .. | .. | .. | .. | .. | .. | 14,867 |
| Atmakur tank .. | To end of previous year. | 92,765 | 19,191 | 3 | .. | .. | 1,11,959 | 13,444 | 1,25,403 | 1,10,807 |
| | During the year. | .. | .. | .. | .. | .. | .. | .. | .. | 3,759 |
| Jangamaheswarapuram tank. | To end of previous year. | 52,564 | 8,689 | .. | .. | .. | 61,253 | 10,411 | 71,664 | 63,500 |
| | During the year. | .. | .. | .. | .. | .. | .. | .. | .. | 2,038 |
| Anamasamudram-Beraperu tank. | To end of previous year. | 58,421 | 13,266 | .. | .. | .. | 71,687 | 1,886 | 73,573 | 65,633 |
| | During the year | .. | .. | .. | .. | .. | .. | .. | .. | 2,384 |
| Hajipuram tank .. | To end of previous year. | 2,30,686 | 48,308 | .. | .. | 220 | 2,78,774 | 33,109 | 3,11,883 | 2,69,266 |
| | During the year. | .. | .. | .. | .. | .. | .. | .. | .. | 9,270 |
| Ponnaiur tank .. | To end of previous year. | 1,61,263 | 31,658 | 54 | .. | .. | 1,92,975 | 25,674 | 2,18,649 | 1,90,741 |
| | During the year. | .. | .. | .. | .. | .. | .. | .. | .. | 6,892 |
| Markapur tank .. | To end of previous year. | 1,01,374 | 23,066 | 41 | .. | .. | 1,24,481 | 4,859 | 1,29,340 | 1,05,513 |
| | During the year. | .. | .. | .. | .. | .. | .. | .. | .. | 4 280 |
| Nagavalli river system. | To end of previous year. | 13,25,877 | 2,71,772 | 93,318 | .. | 4,808 | 16,86,159 | 42,366 | 17,28,525 | 14,39,692 |
| | During the year. | 2,055 | 1,191 | 18 | .. | .. | 3,264 | 21 | 3,285 | 57,060 |
| Venkatapuram tank. | To end of previous year. | 3,03,994 | 64,539 | 4,236 | .. | 519 | 3,72,250 | 12,671 | 3,84,921 | 2,78,503 |
| | During the year. | .. | .. | .. | .. | .. | .. | .. | .. | 12,848 |
| Bhavanasi tank .. | To end of previous year. | 1,85,879 | 43,103 | 25,710 | .. | 297 | 2,54,395 | 11,096 | 2,65,491 | 1,80,389 |
| | During the year. | .. | .. | .. | .. | .. | .. | .. | .. | 9,818 |
| Yellanur tank .. | To end of previous year. | 1,91,292 | 41,156 | 7,087 | .. | 343 | 2,39,192 | 30,515 | 2,69,707 | 1,84,814 |
| | During the year. | .. | .. | .. | .. | .. | .. | .. | .. | 8,280 |
| Siddapur tank .. | To end of previous year. | 5,22,751 | 96,255 | 1,72,474 | .. | 442 | 7,91,038 | 13,448 | 8,04,486 | 5,50,619 |
| | During the year. | .. | .. | .. | .. | .. | .. | .. | .. | 26,378 |
| Nagavaram anicut and supply channel. | To end of previous year. | 88,757 | 18,538 | .. | .. | .. | 1,07,295 | 2,595 | 1,09,890 | 74,602 |
| | During the year. | .. | .. | .. | .. | .. | .. | .. | .. | 3,568 |
| Mopad reservoir system. | To end of previous year. | 16,66,575 | 3,20,381 | 2,34,213 | .. | 27,894 | 21,93,275 | 96,422 | 22,89,697 | 16,69,652 |
| | During the year. | .. | .. | .. | .. | .. | .. | .. | .. | 82,723 |
| Kanniyampalayam anicut. | To end of previous year. | 97,391 | 27,035 | 495 | .. | 17,700 | 1,07,221 | 3,853 | 1,11,074 | 92,319 |
| | During the year. | .. | .. | .. | .. | .. | .. | .. | .. | 4,980 |
| Tippayapalem project. | To end of previous year. | 1,29,987 | 32,045 | 418 | .. | 656 | 1,61,794 | 8,590 | 1,70,384 | 38,004 |
| | During the year. | 90,081 | 18,019 | 141 | .. | .. | 1,08,241 | 901 | 1,09,142 | 11,055 |
| Panjapatti reservoir .. | To end of previous year. | 2,24,998 | 43,411 | 60,075 | .. | 703 | 3,27,781 | 11,495 | 3,39,276 | 2,26,382 |
| | During the year. | .. | .. | .. | .. | .. | .. | .. | .. | 12,286 |
| Basavannah channel. | To end of previous year. | 4,22,309 | 1,01,191 | 2,124 | .. | .. | 5,25,624 | 6,113 | 5,31,737 | 1,55,186 |
| | During the year. | 10,942 | 2,189 | 17 | .. | .. | 13,148 | 109 | 13,257 | 27,249 |
| Total, A. Irrigation works—2. Unproductive Works. | To end of previous year. | 3,42,49,296 | 36,29,902 | 48,82,076 | .. | 3,68,252 | 4,23,93,022 | 13,23,706 | 4,37,16,728 | 6,75,84,282 |
| | During the year. | 1,11,910 | 26,520 | 252 | .. | .. | 1,38,682 | 1,339 | 1,40,021 | 14,61,256 |
| Total, A. Irrigation works. | To end of previous year. | 15,21,47,984 | 2,25,96,564 | 89,85,836 | 4,24,458 | 14,72,122 | 18,26,82,720 | 80,36,375 | 19,07,19,095 | 19,31,69,664 |
| | During the year. | 27,40,811 | 6,99,814 | 11,045 | —33,442 | 1,43,827 | 32,74,401 | 52,391 | 33,26,792 | 76,78,699 |

## 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 1934–35—*cont.*

| Works or systems. | | Direct charges (net expenditure). Works. | Establishment. | Tools and Plant. | Suspense. | *Deduct* receipts on capital account. | Total. | Indirect charges. | Total excluding interest | Simple interest. |
|---|---|---|---|---|---|---|---|---|---|---|
| (1) | | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) |
| B. NAVIGATION, EMBANKMENT AND DRAINAGE WORKS. | | RS. | RS. | RS. | RS. | RS. | RS. | RS. | RS. | RS. |
| 2. UNPRODUCTIVE WORKS. | | | | | | | | | | |
| Ganjam-Gopalpur canal. | To end of previous year. | 1,02,675 | 37,799 | 2,733 | .. | 107 | 1,43,100 | 12,393 | 1,55,493 | 2,37,584 |
| | During the year. | .. | .. | .. | .. | .. | .. | .. | .. | 4,758 |
| Vedaranniyam canal. | To end of previous year. | 1,07,885 | 24,814 | .. | .. | .. | 1,32,699 | 3,733 | 1,36,432 | 3,31,105 |
| | During the year. | .. | .. | .. | .. | .. | .. | .. | .. | 4,412 |
| Buckingham canal .. | To end of previous year. | 68,21,308 | 16,14,546 | 1,81,040 | .. | 24,365 | 85,92,529 | 4,89,464 | 90,81,993 | 1,67,86,124 |
| | During the year. | .. | .. | .. | .. | .. | .. | .. | .. | 2,87,054 |
| Total, B. Navigation, etc., Works.—2. Unproductive works. | To end of previous year. | 70,31,868 | 16,77,159 | 1,83,773 | .. | 24,472 | 88,68,328 | 5,05,590 | 93,73,918 | 1,73,54,813 |
| | During the year. | .. | .. | .. | .. | .. | .. | .. | .. | 2,96,224 |
| Total B. Navigation, etc., works. | To end of previous year. | 70,31,868 | 16,77,159 | 1,83,773 | .. | 24,472 | 88,68,328 | 5,05,590 | 93,73,918 | 1,73,54,813 |
| | During the year. | .. | .. | .. | .. | .. | .. | .. | .. | 2,96,224 |
| Total construction of Irrigation, etc., works. | To end of previous year. | 15,91,79,852 | 2,42,73,723 | 91,69,609 | 4,24,458 | 14,96,594 | 19,15,51,048 | 85,41,965 | 20,00,93,013 | 21,05,24,477 |
| | During the year. | 27,40,811 | 6,99,814 | 11,945 | — 33,442 | 1,43,827 | 32,74,401 | 52,391 | 33,26,792 | 79,74,923 |



## C-I.—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 ending 1934–35.

| Works or systems. | Revenue (actual receipts). Irrigation. Irrigation revenue. | Share of land revenue. | Total. | Navigation. | Plantation. | Miscellaneous. | Total. | *Less* refunds of revenue. |
|---|---|---|---|---|---|---|---|---|
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) |
| A. IRRIGATION WORKS. | | | | | | | | |
| 1. PRODUCTIVE WORKS. | RS. | RS. | RS. | RS. | RS. | RS. | RS. | RS. |
| 1 Cauvery delta system .. .. .. | 54,86,944 | 1,24,043 | 56,10,987 | 218 | 3,645 | 4,603 | 8,466 | 158 |
| 2 Srivaikuntam anicut system .. .. | 2,24,179 | 1,490 | 2,25,669 | .. | 664 | 6,117 | 6,781 | 7 |
| 3 Godavari delta system .. .. .. | 49,88,534 | 2,28,484 | 52,17,018 | 1,87,876 | 7,728 | 44,207 | 2,39,811 | 486 |
| 4 Mahamattur anicut system .. .. .. | 26,779 | 196 | 26,975 | .. | 19 | 509 | 528 | 38 |
| 5 Thadapalli channel system .. .. .. | 1,35,227 | 2,929 | 1,38,156 | .. | 1,222 | 26 | 1,448 | .. |
| 6 Kalingarayan channel system .. .. | 1,43,519 | 483 | 1,44,002 | .. | 1,258 | 171 | 1,429 | .. |
| 7 Vriddhachalam anicut system .. .. | 41,881 | 339 | 42,220 | .. | 134 | 234 | 368 | 612 |
| 8 Chembrambakkam tank .. .. .. | 53,592 | 957 | 54,549 | .. | .. | 155 | 155 | .. |
| 9 Marudur anicut system .. .. .. | 2,07,466 | 279 | 2,07,745 | .. | 12 | 3,012 | 3,024 | 4 |
| 10 Pennar river canals system .. .. .. | 7,61,343 | 67,705 | 8,29,048 | 525 | 192 | 2,454 | 3,171 | 244 |
| 11 Arkenkota channel system .. .. .. | 38,467 | 428 | 38,895 | .. | 204 | 35 | 239 | .. |
| 12 Tirukkoyilur anicut system .. .. .. | 1,38,695 | 3,369 | 1,42,064 | .. | 276 | 115 | 391 | 8 |
| 13 Shatiatope anicut system .. .. .. | 1,77,265 | 17,031 | 1,94,296 | .. | 131 | 282 | 413 | 153 |
| 14 Cheyyar anicut system .. .. .. | 1,01,986 | 4,735 | 1,06,721 | .. | 291 | 1,198 | 1,489 | .. |
| 15 Cumbum tank .. .. .. .. | 39,447 | 461 | 39,908 | .. | .. | .. | .. | .. |
| 16 Poiney anicut system .. .. .. | 99,959 | 5,467 | 1,05,426 | .. | 103 | 1,068 | 1,171 | .. |
| 17 Periyar project system .. .. .. | 9,56,575 | 94,826 | 10,51,401 | 325 | 4,224 | 5,788 | 10,337 | 147 |
| 18 Kistna delta system .. .. .. .. | 44,28,274 | 1,88,653 | 46,16,927 | 1,03,287 | 3,918 | 50,296 | 1,57,501 | 1,770 |
| 19 Nandiyar channel system .. .. .. | 30,592 | 243 | 30,835 | .. | 102 | 17 | 119 | .. |
| 20 Ganjam minor rivers system .. .. | 1,49,853 | 7,874 | 1,57,727 | .. | .. | 2 | 2 | .. |
| 21 Lower Coleroon anicut system .. .. | 5,81,241 | 51,515 | 6,32,756 | 25 | 1,173 | 2,930 | 4,128 | 613 |
| 22 Divi pumping system .. .. .. | 2,20,783 | 87,205 | 3,07,988 | 1,793 | 11 | 3,173 | 4,977 | 45 |
| 23 Toludur reservoir .. .. .. .. | 1,17,180 | 448 | 1,17,628 | .. | 149 | 122 | 271 | 42 |
| 24 Polavaram island project .. .. .. | 1,14,088 | .. | 1,14,088 | .. | 360 | 167 | 527 | 14 |
| 25 Cauvery-Mettur project .. .. .. | 9,53,413 | .. | 9,53,413 | 5 | 1,264 | 13,811 | 15,080 | 10 |
| 26 Kattalai scheme .. .. .. .. | 3,16,237 | 121 | 3,16,358 | 40 | 1,694 | 847 | 2,581 | 100 |
| Total, A. Irrigation works—1. Productive works .. .. .. .. .. .. | 2,05,33,519 | 8,89,281 | 2,14,22,800 | 2,94,094 | 28,774 | 1,41,539 | 4,64,407 | 4,451 |
| 2. UNPRODUCTIVE WORKS. | | | | | | | | |
| 1 Kurnool-Cuddapah canal .. .. .. | 3,64,686 | 2,869 | 3,67,555 | 163 | .. | 8,810 | 8,973 | 110 |
| 2 Barur tank .. .. .. .. .. | 21,873 | 758 | 22,631 | .. | 575 | 766 | 1,341 | .. |
| 3 Vallur anicut .. .. .. .. .. | 6,754 | 1,074 | 7,828 | .. | .. | 201 | 201 | .. |
| 4 Madras water-supply and irrigation system. | 28,291 | 462 | 28,753 | .. | .. | 51,771 | 51,771 | .. |
| 5 Pelandorai anicut system .. .. .. | 58,900 | 86 | 58,986 | 1 | 133 | 154 | 288 | 198 |
| 6 Palar anicut system .. .. .. .. | 2,71,442 | 16,843 | 2,88,285 | .. | 387 | 553 | 940 | .. |
| 7 Rushikulya system .. .. .. .. | 2,60,745 | 6,220 | 2,66,965 | .. | 63 | 2,781 | 2,844 | .. |
| 8 Muniyeru anicut system .. .. .. | 49,503 | 60 | 49,563 | .. | 48 | 619 | 667 | .. |
| 9 Dondapad tank .. .. .. .. | 660 | 10 | 670 | .. | .. | 3 | 3 | .. |

C-I.—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 ending 1934–35—*cont.*

| Works or systems. | Revenue (actual receipts). Irrigation. Irrigation revenue. | Share of land revenue. | Total. | Navigation. | Plantation. | Miscellaneous. | Total. | *Less* refunds of revenue. |
|---|---|---|---|---|---|---|---|---|
| | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) |
| A. IRRIGATION WORKS—*cont.* | | | | | | | | |
| 2. UNPRODUCTIVE WORKS—*cont.* | RS. | RS. | RS. | RS. | RS. | RS. | RS. | RS. |
| 10 Yerur tank | 219 | 86 | 305 | .. | .. | .. | .. | .. |
| 11 Sagileru system | 24,489 | 26 | 24,515 | .. | .. | 75 | 75 | .. |
| 12 Atmakur tank | 1,991 | .. | 1,991 | .. | .. | 20 | 20 | .. |
| 13 Jangamaheswarapuram tank | 708 | .. | 708 | .. | .. | 294 | 294 | .. |
| 14 Annamasamudram-Beraperu tank | 3,997 | 1 | 3,998 | .. | .. | .. | .. | .. |
| 15 Hajipuram tank | 3,641 | 15 | 3,656 | .. | .. | .. | .. | .. |
| 16 Ponnalur tank | 4,323 | .. | 4,323 | .. | .. | .. | .. | .. |
| 17 Markapur tank | 6,174 | 1 | 6,175 | .. | .. | .. | .. | .. |
| 18 Nagavalli river system | 1,13,867 | 21,450 | 1,35,317 | .. | 11 | 574 | 585 | .. |
| 19 Venkatapuram tank | 1,6 3 | 38 | 1,641 | .. | .. | .. | .. | .. |
| 20 Bhavanasi tank | 4,610 | .. | 4,610 | .. | .. | 133 | 133 | .. |
| 21 Yellanur tank | 688 | 1,104 | 1,792 | .. | .. | .. | .. | .. |
| 22 Siddapur tank | 6,035 | .. | 6,035 | .. | .. | .. | .. | .. |
| 23 Nagavaram anicut and supply channel | 4,136 | 146 | 4,282 | .. | .. | 1 | 1 | .. |
| 24 Mopad reservoir system | 30,247 | 5,140 | 35,387 | .. | 8 | 110 | 118 | .. |
| 25 Kanniyampalayam anicut | .. | .. | .. | .. | .. | 4,000 | 4,000 | .. |
| 26 Tippayapalem project | .. | .. | .. | .. | .. | .. | .. | .. |
| 27 Panjapatti reservoir | .. | .. | .. | .. | .. | 152 | 152 | .. |
| 28 Basavanna channel | .. | .. | .. | .. | .. | .. | .. | .. |
| Total, A. Irrigation works—2. Unproductive works | 12,69,582 | 56,389 | 13,25,971 | 164 | 1,225 | 71,017 | 72,406 | 308 |
| Total, A. Irrigation works | 2,18,03,101 | 9,45,670 | 2,27,48,771 | 2,94,258 | 29,999 | 2,12,556 | 5,36,813 | 4,759 |
| B. NAVIGATION, EMBANKMENT AND DRAINAGE WORKS. | | | | | | | | |
| 2. UNPRODUCTIVE WORKS. | | | | | | | | |
| 1 Ganjam-Gopalpur canal | .. | .. | .. | .. | .. | 2 | 2 | .. |
| 2 Vedarannivam canal | .. | .. | .. | 700 | 1,204 | 2 | 1,906 | 131 |
| 3 Buckingham canal | .. | .. | .. | 1,09,368 | 70 | 2,668 | 1,12,106 | 1 |
| Total, B. Navigation works, etc.—2. Unproductive works | .. | .. | .. | 1,10,068 | 1,274 | 2,672 | 1,14,014 | 132 |
| Total, B. Navigation, etc., works | .. | .. | .. | 1,10,068 | 1,274 | 2,672 | 1,14,014 | 132 |
| Total, Construction of Irrigation, etc., works. | 2,18,03,101 | 9,45,670 | 2,27,48,771 | 4,04,326 | 31,273 | 2,15,228 | 6,50,827 | 4,891 |



C-I.—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 ending 1934–35—*cont.*

| Works or systems. | Revenue (actual receipts)—*cont.* Gross revenue *less* refunds. | *Deduct* share of old irrigation revenue. | Total revenue due to improvements. | Working Expenses—Revenue management. Direction. | Execution. | Civil officers. | Total Revenue management. |
|---|---|---|---|---|---|---|---|
| A. IRRIGATION WORKS. | (10) | (11) | (12) | (13) | (14) | (15) | (16) |
| 1. PRODUCTIVE WORKS. | RS. | RS. | RS. | | | RS. | RS. |
| 1 Cauvery delta system | 56,19,295 | 33,90,382 | 22,28,913 | .. | .. | 1,11,010 | 1,11,010 |
| 2 Srivaikuntam anicut system | 2,32,443 | 79,000 | 1,53,443 | .. | .. | 7,333 | 7,333 |
| 3 Godavari delta system | 54,56,343 | 1,24,000 | 53,32,343 | .. | .. | 2,52,823 | 2,52,823 |
| 4 Mehamattur anicut system | 27,465 | 4,000 | 23,465 | .. | .. | 1,145 | 1,145 |
| 5 Thadapalli channel system | 1,39,604 | 76,000 | 63,604 | .. | .. | 3,108 | 3,108 |
| 6 Kalingarayan channel system | 1,45,431 | 85,000 | 60,431 | .. | .. | 2,950 | 2,950 |
| 7 Vriddhachalam anicut system | 41,976 | 8,500 | 33,476 | .. | .. | 1,685 | 1,685 |
| 8 Chembrambakkam tank | 54,704 | 16,000 | 38,704 | .. | .. | 1,927 | 1,927 |
| 9 Marudur anicut system | 2,10,765 | 1,15,000 | 95,765 | .. | .. | 4,637 | 4,637 |
| 10 Pennar river canals system | 8,31,975 | 2,56,000 | 5,75,975 | .. | .. | 27,701 | 27,701 |
| 11 Arkenkota channel system | 39,134 | 19,000 | 20,134 | .. | .. | 995 | 995 |
| 12 Tirukkovilur anicut system | 1,42,447 | 60,000 | 82,447 | .. | .. | 4,103 | 4,103 |
| 13 Shatiatope anicut system | 1,94,556 | 20,000 | 1,74,556 | .. | .. | 8,715 | 8,715 |
| 14 Cheyyar anicut system | 1,08,210 | 39,000 | 69,210 | .. | .. | 3,314 | 3,314 |
| 15 Cumbum tank system | 39,908 | 30,000 | 9,908 | .. | .. | 495 | 495 |
| 16 Poiney anicut system | 1,06,597 | 38,000 | 68,597 | .. | .. | 3,369 | 3,369 |
| 17 Periyar system | 10,61,591 | 2,04,000 | 8,57,591 | .. | .. | 38,645 | 38,645 |
| 18 Kistna delta system | 47,72,658 | 71,000 | 47,01,658 | .. | .. | 2,23,727 | 2,23,727 |
| 19 Nandiyar channel system | 30,954 | 17,000 | 13,954 | .. | .. | 683 | 683 |
| 20 Ganiam minor rivers system | 1,57,729 | 95,000 | 62,729 | .. | .. | 3,133 | 3,133 |
| 21 Lower Coleroon anicut system | 6,36,271 | 1,55,000 | 4,81,271 | .. | .. | 23,888 | 23,888 |
| 22 Divi pumping system | 3,12,920 | 20,300 | 2,92,620 | .. | .. | 10,891 | 10,891 |
| 23 Toludur reservoir system | 1,17,857 | 10,590 | 1,07,267 | .. | .. | 5,352 | 5,352 |
| 24 Polavaram island project | 1,14,601 | .. | 1,14,601 | .. | .. | 5,704 | 5,704 |
| 25 Cauvery-Mettur project | 9,68,483 | 98,000 | 8,70,483 | .. | .. | 42,771 | 42,771 |
| 26 Kattalai scheme | 3,18,839 | 2,54,000 | 64,839 | .. | .. | 3,113 | 3,113 |
| Total, A. Irrigation works—1. Productive works | 2,18,82,756 | 52,84,772 | 1,65,97,984 | .. | .. | 7,93,217 | 7,93,217 |
| 2. UNPRODUCTIVE WORKS. | | | | | | | |
| 1 Kurnool-Cuddapah canal | 3,76,418 | 35,872 | 3,40,546 | .. | .. | 16,566 | 16,566 |
| 2 Barur tank | 23,972 | 4,500 | 19,472 | .. | .. | 877 | 877 |
| 3 Vallur anicut | 8,029 | 5,000 | 3,029 | .. | .. | 141 | 141 |
| 4 Madras water-supply and irrigation system. | 80,524 | 11,000 | 69,524 | .. | .. | 888 | 888 |
| 5 Pelandorai anicut system | 59,076 | 3,000 | 56,076 | .. | .. | 2,799 | 2,799 |
| 6 Palaranicut system | 2,89,225 | 1,25,000 | 1,64,225 | .. | .. | 8,114 | 8,114 |
| 7 Rushikulya system | 2,69,809 | 67,000 | 2,02,809 | .. | .. | 9,888 | 9,888 |
| 8 Muniyeru system | 50,230 | 2,500 | 47,730 | .. | .. | 2,353 | 2,353 |
| 9 Dondapad tank | 673 | .. | 673 | .. | .. | 33 | 33 |

C-I.—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 ending 1934–35—*cont.*

| Works or systems. | Revenue (actual receipts)—*cont.* | | | 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. |
| A. IRRIGATION WORKS—*cont.* | (10) | (11) | (12) | (13) | (14) | (15) | (16) |
| 2. UNPRODUCTIVE WORKS—*cont.* | RS. | RS. | RS. | | | RS. | RS. |
| 10 Yerur tank | 305 | 425 | — 120 | .. | .. | — 6 | — 6 |
| 11 Sagileru system | 24,590 | 17,800 | 6,790 | .. | .. | 336 | 336 |
| 12 Atmakur tank | 2,011 | .. | 2,011 | .. | .. | 100 | 100 |
| 13 Jangamaheswarapuram tank | 1,002 | 500 | 502 | .. | .. | 10 | 10 |
| 14 Annamasamudram-Beraperu tank | 3,998 | 3,600 | 398 | .. | .. | 20 | 20 |
| 15 Hajipuram tank | 3,656 | .. | 3,656 | .. | .. | 183 | 183 |
| 16 Ponnalur tank | 4,323 | .. | 4,323 | .. | .. | 216 | 216 |
| 17 Markapur tank | 6,175 | 2,130 | 4,045 | .. | .. | 202 | 202 |
| 18 Nagavalli river system | 1,35,902 | 37,400 | 98,502 | .. | .. | 4,104 | 4,104 |
| 19 Venkatapuram tank | 1,641 | 164 | 1,477 | .. | .. | 74 | 74 |
| 20 Bhavanasi tank | 4,743 | .. | 4,743 | .. | .. | 230 | 230 |
| 21 Yellanur tank | 1,792 | .. | 1,792 | .. | .. | 65 | 65 |
| 22 Siddapur tank | 6,035 | .. | 6,035 | .. | .. | 302 | 302 |
| 23 Nagavaram anicut and supply channel | 4,283 | 2,256 | 2,027 | .. | .. | 101 | 101 |
| 24 Mopad reservoir system | 35,505 | 433 | 35,072 | .. | .. | 1,523 | 1,523 |
| 25 Kanniyampalayam anicut | 4,000 | .. | 4,000 | .. | .. | .. | .. |
| 26 Tippayapalem project | .. | .. | .. | .. | .. | .. | .. |
| 27 Panjapatti reservoir | 152 | .. | 152 | .. | .. | .. | .. |
| 28 Basavanna channel | .. | .. | .. | .. | .. | .. | .. |
| Total, A. Irrigation works—2. Unproductive works | 13,98,069 | 3,18,580 | 10,79,489 | .. | .. | 49,119 | 49,119 |
| Total, A. Irrigation works | 2,32,80,825 | 56,03,352 | 1,76,77,473 | .. | .. | 8,42,336 | 8,42,336 |
| B. NAVIGATION, EMBANKMENT AND DRAINAGE WORKS. | | | | | | | |
| 2. UNPRODUCTIVE WORKS. | | | | | | | |
| 1 Ganjam-Gopalpur canal | 2 | .. | 2 | .. | .. | .. | .. |
| 2 Vedaranniyam canal | 1,775 | .. | 1,775 | .. | .. | .. | .. |
| 3 Buckingham canal | 1,12,105 | .. | 1,12,105 | .. | .. | .. | .. |
| Total, B. Navigation, etc., works—2. Unproductive works | 1,13,882 | .. | 1,13,882 | .. | .. | .. | .. |
| Total, B. Navigation, etc., works | 1,13,882 | .. | 1,13,882 | .. | .. | .. | .. |
| Total, Construction of irrigation, etc., works. | 2,33,94,707 | 56,03,352 | 1,77,91,355 | .. | .. | 8,42,336 | 8,42,336 |



C-I.—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 ending 1934–35—*cont.*

| Works or systems. | Working expenses. | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | Maintenance and repairs. | | | | | | | |
| | Establishment. | | | Extensions and improvements. | Maintenance and repairs. | Tools and plant. | *Deduct* recoveries on revenue account. | Total cost of maintenance. |
| | Direction. | Execution. | Total. | | | | | |
| A. IRRIGATION WORKS. | (17) | (18) | (19) | (20) | (21) | (22) | (23) | (24) |
| 1. PRODUCTIVE WORKS. | RS. | RS. | RS. | RS. | RS. | RS. | | RS. |
| 1 Cauvery delta system | 51,800 | 2,07,201 | 2,59,001 | 1,13,920 | 5,48,769 | 2,274 | .. | 9,23,964 |
| 2 Srivaikuntam anicut system | 9,319 | 37,276 | 46,595 | 3,357 | 1,32,008 | 479 | .. | 1,82,439 |
| 3 Godavari delta system | 77,279 | 3,09,115 | 3,86,394 | 41,418 | 7,68,790 | 10,923 | .. | 12,07,525 |
| 4 Mehamattur anicut system | 437 | 1,750 | 2,187 | 509 | 4,099 | 16 | .. | 6,811 |
| 5 Thadapalli channel system | 1,148 | 4,594 | 5,742 | 2,334 | 14,757 | 92 | .. | 22,925 |
| 6 Kalingarayan channel system | 1,011 | 4,042 | 5,053 | 6 | 15,260 | 82 | .. | 20,401 |
| 7 Vriddhachalam anicut system | 802 | 3,207 | 4,009 | 277 | 8,590 | 30 | .. | 12,906 |
| 8 Chembrambakkam tank system | 717 | 2,868 | 3,585 | 270 | 16,334 | 26 | .. | 20,215 |
| 9 Marudur anicut system | 1,579 | 6,315 | 7,894 | 8,324 | 15,183 | 83 | .. | 31,484 |
| 10 Pennar river canals system | 15,612 | 62,447 | 78,059 | 6,362 | 1,83,275 | 736 | .. | 2,68,432 |
| 11 Arkenkota channel system | 411 | 1,645 | 2,056 | 22 | 5,989 | 32 | .. | 8,099 |
| 12 Tirukkoyilur anicut system | 1,497 | 5,986 | 7,483 | 155 | 16,102 | 56 | .. | 23,796 |
| 13 Shatiatope anicut system | 2,238 | 8,951 | 11,189 | 793 | 20,471 | 73 | .. | 32,526 |
| 14 Cheyyar anicut system | 2,293 | 9,173 | 11,466 | 167 | 35,555 | 190 | .. | 47,378 |
| 15 Cumbum tank system | 70 | 282 | 352 | .. | 1,297 | 2 | .. | 1,651 |
| 16 Poiney anicut system | 1,774 | 7,095 | 8,869 | 828 | 26,574 | 147 | .. | 36,418 |
| 17 Periyar system | 12,651 | 50,606 | 63,257 | 26,454 | 1,36,145 | 576 | .. | 2,26,432 |
| 18 Kistna delta system | 63,536 | 2,54,142 | 3,17,678 | 43,459 | 5,48,563 | 2,299 | .. | 9,11,999 |
| 19 Nandiyar channel system | 977 | 3,909 | 4,886 | 3,289 | 10,480 | 49 | .. | 18,704 |
| 20 Ganjam minor rivers system | 4,828 | 19,314 | 24,142 | 2,208 | 35,951 | 327 | .. | 62,628 |
| 21 Lower Coleroon anicut system | 10,403 | 41,612 | 52,015 | 17,418 | 1,01,966 | 409 | .. | 1,71,808 |
| 22 Divi pumping system | 9,260 | 37,039 | 46,299 | 744 | 95,518 | 373 | .. | 1,42,934 |
| 23 Toludur reservoir system | 2,107 | 8,428 | 10,535 | 2,221 | 21,772 | 82 | .. | 34,610 |
| 24 Polavaram Island project | 597 | 2,387 | 2,984 | 467 | 3,982 | 60 | .. | 7,493 |
| 25 Cauvery-Mettur project | 9,989 | 39,958 | 49,947 | 42,553 | 1,34,990 | 451 | .. | 2,27,941 |
| 26 Kattalai scheme | 4,382 | 17,528 | 21,910 | 16,190 | 46,353 | 222 | .. | 84,675 |
| Total, A. Irrigation works—1. Productive works | 2,86,717 | 11,46,870 | 14,33,587 | 3,33,745 | 9,48,773 | 20,089 | .. | 47,36,194 |
| 2. UNPRODUCTIVE WORKS. | | | | | | | | |
| 1 Kurnool-Cuddapah canal | 5,586 | 22,343 | 27,929 | 5,668 | 89,148 | 148 | .. | 1,22,893 |
| 2 Barur tank | 408 | 1,633 | 2,041 | 47 | 5,789 | 32 | .. | 7,909 |
| 3 Vallur anicut | 191 | 766 | 957 | 371 | 3,714 | 6 | .. | 5,048 |
| 4 Madras water-supply and irrigation system. | 768 | 3,072 | 3,840 | 1,518 | 16,430 | 28 | .. | 21,816 |
| 5 Pelandoraí anicut system | 1,541 | 6,164 | 7,705 | 70 | 17,312 | 60 | .. | 25,147 |
| 6 Palar anicut system | 5,802 | 23,208 | 29,010 | 7,659 | 85,080 | 441 | .. | 1,22,190 |
| 7 Rushikulya system | 13,357 | 53,482 | 66,785 | 4,281 | 98,945 | 886 | .. | 1,70,897 |
| 8 Muniyeru anicut system | 972 | 3,886 | 4,858 | 74 | 9,986 | 40 | .. | 14,958 |
| 9 Dondapad tank | 3 | 11 | 14 | .. | .. | .. | .. | 14 |

C-I.—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 ending 1934–35—*cont.*

| Works or systems. | Working expenses—*cont.* | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | Maintenance and repairs—*cont.* | | | | | | | |
| | Establishment. | | | Extensions and improvements. | Maintenance and repairs. | Tools and plant. | *Deduct* recoveries on revenue account. | Total cost of maintenance. |
| | Direction. | Execution. | Total. | | | | | |
| A. IRRIGATION WORKS—*cont.* | (17) | (18) | (19) | (20) | (21) | (22) | (23) | (24) |
| 2. UNPRODUCTIVE WORKS—*cont.* | RS. | RS. | RS. | RS. | RS. | RS. | | RS. |
| 10 Yerur tank | 30 | 122 | 152 | .. | .. | .. | .. | 152 |
| 11 Sagileru system | 145 | 582 | 727 | 71 | 3,581 | 6 | .. | 4,385 |
| 12 Atmakur tank | 203 | 810 | 1,013 | .. | 2,515 | 10 | .. | 3,538 |
| 13 Jangamaheswarapuram tank | 8 | 32 | 40 | .. | .. | .. | .. | 40 |
| 14 Anamasamudram-Beraperu tank | 66 | 264 | 330 | .. | 891 | 3 | .. | 1,224 |
| 15 Hajipuram tank | 120 | 480 | 600 | .. | 1,398 | 5 | .. | 2,003 |
| 16 Ponnalur tank | 585 | 2,338 | 2,923 | 300 | 7,376 | 30 | .. | 10,629 |
| 17 Markapur tank | 243 | 970 | 1,213 | 3,375 | 2,129 | 9 | .. | 6,726 |
| 18 Nagavalli river system | 2,410 | 9,638 | 12,048 | 498 | 16,510 | 146 | .. | 29,202 |
| 19 Venkatapuram tank | 21 | 82 | 103 | .. | 387 | 1 | .. | 491 |
| 20 Bhavanasi tank | 412 | 1,646 | 2,058 | 2,671 | 2,782 | 21 | .. | 7,532 |
| 21 Yellanur tank | 79 | 318 | 397 | .. | 1,474 | 2 | .. | 1,873 |
| 22 Siddapur tank | 27 | 107 | 134 | .. | 474 | 1 | .. | 609 |
| 23 Nagavaram anicut and supply channel | 10 | 42 | 52 | .. | 146 | .. | .. | 198 |
| 24 Mopad reservoir system | 683 | 2,732 | 3,415 | 1,700 | 5,999 | 30 | .. | 11,144 |
| 25 Kanniyampalayam anicut | 116 | 465 | 581 | .. | 1,869 | 10 | .. | 2,460 |
| 26 Tippayapalem project | .. | .. | .. | .. | .. | .. | .. | .. |
| 27 Panjapatti reservoir | 18 | 73 | 91 | 61 | 203 | 1 | .. | 356 |
| 28 Basavanna channel | .. | .. | .. | .. | .. | .. | .. | .. |
| Total, A. Irrigation works—2. Unproductive works | 33,804 | 1,35,212 | 1,69,016 | 28,364 | 3,74,138 | 1,916 | .. | 5,73,434 |
| Total, A. Irrigation works | 3,26,521 | 12,82,082 | 16,02,603 | 3,62,109 | 33,22,911 | 22,005 | .. | 53,09,628 |
| B. NAVIGATION, EMBANKMENT AND DRAINAGE WORKS. | | | | | | | | |
| 2. UNPRODUCTIVE WORKS. | | | | | | | | |
| 1 Ganjam-Gopalpur canal | .. | .. | .. | .. | .. | .. | .. | .. |
| 2 Vedaranniyam canal | 1,666 | 6,665 | 8,331 | .. | 23,002 | 79 | .. | 31,412 |
| 3 Buckingham canal | 8,524 | 34,096 | 42,620 | 648 | 1,88,912 | 361 | .. | 2,32,541 |
| Total, B. Navigation, etc., works—2. Unproductive works | 10,190 | 40,761 | 50,951 | 648 | 2,11,914 | 440 | .. | 2,63,953 |
| Total, B. Navigation, etc., works | 10,190 | 40,761 | 50,951 | 648 | 2,11,914 | 440 | .. | 2,63,953 |
| Total, Construction of irrigation, etc., works. | 3,30,711 | 13,22,843 | 16,53,554 | 3,62,757 | 35,34,825 | 22,445 | .. | 55,73,581 |



C-I.—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 ending 1934–35—*cont.*

| Works or systems. | Working expenses—*cont.* | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | Indirect charges. | Grand total of working expenses. | *Deduct* old maintenance charges. | | | Total Working expenses on improvements. | Net revenue. | |
| | | | Direct charges. | Indirect charges. | Total. | | Total. | Due to improvements. |
| A. IRRIGATION WORKS. | (25) | (26) | (27) | (28) | (29) | (30) | (31) | (32) |
| 1. PRODUCTIVE WORKS. | RS. | RS. | RS. | RS. | RS. | RS. | RS. | RS. |
| 1 Cauvery delta system | 6,922 | 10,41,896 | 1,44,250 | 1,056 | 1,45,306 | 8,90,590 | 45,77,399 | 13,32,323 |
| 2 Srivaikuntam anicut system | 2,549 | 1,92,321 | 7,441 | 56 | 7,497 | 1,64,824 | 40,122 | — 31,381 |
| 3 Godavari delta system | 8,105 | 14,68,453 | .. | .. | .. | 14,68,453 | 39,87,890 | 38,63,890 |
| 4 Mehamattur anicut system | 46 | 8,002 | 868 | 6 | 874 | 7,128 | 19,463 | 16,337 |
| 5 Thadapalli channel system | 171 | 26,204 | 4,644 | 36 | 4,680 | 21,524 | 1,13,400 | 42,080 |
| 6 Kalingarayan channel system | 153 | 23,504 | 5,195 | 40 | 5,235 | 18,269 | 1,21,927 | 42,162 |
| 7 Vriddhachalam anicut system | 89 | 14,689 | .. | .. | .. | 14,680 | 27,296 | 18,796 |
| 8 Chembrambakkam tank system | 166 | 22,308 | 6,465 | 54 | 6,519 | 15,789 | 32,396 | 22,915 |
| 9 Marudur anicut system | 483 | 36,604 | 6,282 | 47 | 6,329 | 30,275 | 1,74,161 | 65,490 |
| 10 Pennar river canals system | 1,902 | 2,98,035 | 40,655 | 296 | 40,951 | 2,57,084 | 5,33,940 | 3,18,891 |
| 11 Arkenkota channel system | 60 | 9,154 | 1,161 | 9 | 1,170 | 7,984 | 29,980 | 12,150 |
| 12 Tirukkoyilur anicut system | 163 | 28,062 | 6,735 | 50 | 6,785 | 21,277 | 1,14,385 | 61,170 |
| 13 Shatiatope anicut system | 306 | 41,547 | 2,245 | 16 | 2,261 | 39,286 | 1,53,009 | 1,35,270 |
| 14 Cheyyar anicut system | 357 | 51,049 | 4,171 | 32 | 4,203 | 46,864 | 57,161 | 22,364 |
| 15 Cumbum tank system | 13 | 2,159 | 953 | 8 | 961 | 1,198 | 37,749 | 8,710 |
| 16 Poiney anicut system | 274 | 40,061 | 4,063 | 31 | 4,094 | 35,967 | 66,536 | 32,630 |
| 17 Periyar system | 1,626 | 2,66,703 | 34,607 | 259 | 34,866 | 2,31,837 | 7,94,888 | 6,25,754 |
| 18 Kistna delta system | 5,959 | 11,41,685 | .. | .. | .. | 11,41,685 | 36,30,973 | 35,59,973 |
| 19 Nandiyar channel system | 138 | 19,525 | 4,286 | 32 | 4,318 | 15,207 | 11,429 | — 1,253 |
| 20 Ganjam minor rivers system | 382 | 66,143 | 7,395 | 46 | 7,441 | 58,702 | 91,586 | 4,027 |
| 21 Lower Coleroon anicut system | 1,464 | 1,97,160 | 9,941 | 73 | 10,014 | 1,87,146 | 4,39,111 | 2,94,125 |
| 22 Divi pumping system | 963 | 1,54,788 | 16,703 | 122 | 16,825 | 1,37,963 | 1,58,132 | 1,54,657 |
| 23 Toludur reservoir system | 255 | 40,217 | .. | .. | .. | 40,217 | 77,640 | 67,050 |
| 24 Polavaram island project | 44 | 13,241 | .. | .. | .. | 13,241 | 1,01,360 | 1,01,360 |
| 25 Cauvery-Mettur Project | 1,776 | 2,72,488 | .. | .. | .. | 2,72,488 | 6,95,995 | 5,97,995 |
| 26 Kattalai scheme | 625 | 88,413 | 64,831 | 485 | 65,316 | 23,097 | 2,30,426 | 41,742 |
| Total, A. Irrigation Works—1. Productive works | 34,991 | 55,64,402 | 3,72,891 | 2,754 | 3,75,645 | 51,88,757 | 1,63,18,354 | 1,14,09,227 |
| 2. UNPRODUCTIVE WORKS. | | | | | | | | |
| 1 Kurnool-Cuddapah canal | 948 | 1,40,407 | 3,591 | 30 | 3,621 | 1,36,786 | 2,36,011 | 2,03,760 |
| 2 Barur tank | 58 | 8,844 | .. | .. | .. | 8,844 | 15,128 | 10,628 |
| 3 Vallur anicut | 41 | 5,230 | 1,566 | 13 | 1,579 | 3,651 | 2,799 | — 622 |
| 4 Madras water-supply and irrigation system. | 179 | 22,883 | 4,566 | 38 | 4,604 | 18,279 | 57,641 | 51,245 |
| 5 Palandorai anicut system | 174 | 28,120 | 160 | 1 | 161 | 27,959 | 30,956 | 28,117 |
| 6 Palar anicut system | 927 | 1,31,231 | 4,016 | 31 | 4,047 | 1,27,184 | 1,57,994 | 37,041 |
| 7 Rushikulya system | 1,032 | 1,81,817 | 8,867 | 56 | 8,923 | 1,72,894 | 87,992 | 29,915 |
| 8 Muniyeru anicut system | 100 | 17,411 | 304 | 2 | 306 | 17,105 | 32,819 | 30,625 |
| 9 Dondapad tank | .. | 47 | .. | .. | .. | 47 | 626 | 626 |

## C-I.—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 ending 1934–35—*cont.*

| Works or systems. | Working expenses—*cont.* | | | | | | Net revenue. | |
|---|---|---|---|---|---|---|---|---|
| | Indirect charges. | Grand total of working expenses. | *Deduct* old maintenance charges. Direct charges. | Indirect charges. | Total. | Total working expenses on improvements. | Total. | Due to improvements. |
| A. IRRIGATION WORKS—*cont.* | (25) | (26) | (27) | (28) | (29) | (30) | (31) | (32) |
| 2. UNPRODUCTIVE WORKS—*cont.* | RS. | RS. | RS. | RS. | RS. | RS. | RS. | RS. |
| 10 Yerur tank | .. | 146 | .. | .. | .. | 146 | 159 | — 266 |
| 11 Sagileru system | 37 | 4,758 | 2,625 | 22 | 2,647 | 2,111 | 19,832 | 4,679 |
| 12 Atmakur tank | 25 | 3,663 | .. | .. | .. | 3,663 | — 1,652 | — 1,652 |
| 13 Jangamaheswarapuram tank | .. | 50 | .. | .. | .. | 50 | 952 | 452 |
| 14 Anamasamudram-Beraperu tank | 9 | 1,253 | 877 | 7 | 884 | 369 | 2,745 | 29 |
| 15 Hajipuram tank | 14 | 2,200 | .. | .. | .. | 2,200 | 1,456 | 1,456 |
| 16 Ponnalur tank | 77 | 10,922 | .. | .. | .. | 10,922 | — 6,599 | — 6,599 |
| 17 Markapur tank | 55 | 6,983 | 291 | 2 | 293 | 6,690 | — 808 | — 2,645 |
| 18 Nagavalli river system | 170 | 33,476 | 4,597 | 29 | 4,626 | 28,850 | 1,02,426 | 69,652 |
| 19 Venkatapuram tank | 4 | 569 | .. | .. | .. | 569 | 1,072 | 908 |
| 20 Bhavanasi tank | 55 | 7,817 | .. | .. | .. | 7,817 | — 3,074 | — 3,074 |
| 21 Yellanur tank | 15 | 1,953 | .. | .. | .. | 1,953 | — 161 | — 161 |
| 22 Siddapur tank | 5 | 916 | .. | .. | .. | 916 | 5,119 | 5,119 |
| 23 Nagavaram anicut and supply channel | 1 | 300 | .. | .. | .. | 300 | 3,983 | 1,727 |
| 24 Mopad reservoir system | 77 | 12,744 | .. | .. | .. | 12,744 | 22,761 | 22,328 |
| 25 Kanniyampalayam anicut | 19 | 2,479 | .. | .. | .. | 2,479 | 1,521 | 1,521 |
| 26 Tippayapalem project | .. | .. | .. | .. | .. | .. | .. | .. |
| 27 Panjapatti reservoir | 3 | 359 | .. | .. | .. | 359 | — 207 | — 207 |
| 28 Basavanna channel | .. | .. | .. | .. | .. | .. | .. | .. |
| Total, A. Irrigation works—2. Unproductive Works | 4,025 | 6,26,578 | 31,460 | 231 | 31,691 | 5,94,887 | 7,71,491 | 4,84,602 |
| Total, A. Irrigation works | 39,016 | 61,90,980 | 4,04,351 | 2,985 | 4,07,336 | 57,83,644 | 1,70,89,845 | 1,18,93,829 |
| B. NAVIGATION, EMBANKMENT AND DRAINAGE WORKS. | | | | | | | | |
| 2. UNPRODUCTIVE WORKS. | | | | | | | | |
| 1 Ganjam-Gopalpur canal | .. | .. | .. | .. | .. | .. | 2 | 2 |
| 2 Vedaranniyam canal | 230 | 31,642 | .. | .. | .. | 31,642 | — 29,867 | — 29,867 |
| 3 Buckingham canal | 1,896 | 2,34,437 | .. | .. | .. | 2,34,437 | — 1,22,332 | — 1,22,332 |
| Total, B. Navigation, etc., works—2. Unproductive works | 2,126 | 2,66,079 | .. | .. | .. | 2,66,079 | — 1,52,197 | — 1,52,197 |
| Total, B. Navigation, etc., works | 2,126 | 2,66,079 | .. | .. | .. | 2,66,079 | — 1,52,197 | — 1,52,197 |
| Total, Construction of irrigation, etc., works. | 41,142 | 64,57,059 | 4,04,351 | 2,985 | 4,07,336 | 60,49,723 | 1,69,37,648 | 1,17,41,632 |

## C-II.—Statement showing the financial results of Irrigation, Navigation, Embankment and Drainage Works for, and up to, the end of 1934–35.

| Number of works. | Name of works. | General financial results to end of 1934–35. Mileage in operation. Main canals and branches. | Distributaries. | 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)]. |
|---|---|---|---|---|---|---|---|---|---|---|
| (1) | (2) | (3) | (4) | (5) | (6-*a*) | (6-*b*) | (7) | (8) | (9) | (10) |
| | A. IRRIGATION WORKS. | MILES. | MILES. | RS. | DATE. | DATE | RS. | RS. | RS. | RS. |
| | 1. PRODUCTIVE WORKS. | | | | | | | | | |
| 1 | Cauvery delta system. | 1,258¼ | 3,205 | 80,23,700 | .. | .. | 79,39,976 | .. | 4,63,77,645 | 79,39,976 |
| 2 | Srivaikuntam anicut system. | 28 | 46 | 17,75,063 | 1870–71 | .. | 17,75,063 | .. | 2,00,987 | 17,75,063 |
| 3 | Godavari delta system | 509¾ | 1,925½ | 1,85,95,982 | 1846–47 | 1877–78 | 1,83,20,601 | .. | 12,92,81,094 | 1,83,20,601 |
| 4 | Mehamattur anicut system. | 15 | 9¼ | 82,753 | .. | .. | 82,753 | .. | 3,43,402 | 82,753 |
| 5 | Thadapalli channel | 83 | .. | 1,77,446 | .. | .. | 1,77,446 | .. | 16,26,102 | 1,77,446 |
| 6 | Kalingarayan channel | 61 | .. | 1,80,486 | .. | .. | 1,80,486 | .. | 6,70,730 | 1,80,486 |
| 7 | Vriddhachalam anicut. | 33 | 16 | 1,04,805 | .. | .. | 1,05,924 | .. | 6,42,817 | 1,05,924 |
| 8 | Chembrambakkam tank system. | 10⅞ | 1⅝ | 7,64,143 | .. | .. | 7,64,143 | .. | 4,75,664 | 7,64,143 |
| 9 | Marudur anicut system. | 29 | 7¼ | 60,122 | .. | .. | 60,122 | .. | 38,23,860 | 60,122 |
| 10 | Pennar river canals system. | 30¾ | 477 | 68,87,868 | 1860–61 | 1860–61 | 68,64,477 | .. | 96,10,345 | 68,64,477 |
| 11 | Arkenkota channel | 24 | .. | 1,44,445 | .. | .. | 1,44,445 | .. | 74,777 | 1,44,445 |
| 12 | Tirukkoyilur anicut system. | 137 | 28¼ | 3,99,190 | 1861–62 | .. | 3,99,190 | .. | 8,92,962 | 3,99,190 |
| 13 | Shatiatope anicut system. | 41 | 149 | 10,88,344 | 1847–48 | .. | 10,88,808 | .. | 44,44,710 | 10,88,808 |
| 14 | Cheyyar anicut system. | 61 | 120 | 5,36,415 | 1852–53 | .. | 5,36,415 | .. | 76,035 | 5,36,415 |
| 15 | Cumbum tank | .. | 23¾ | 86,373 | .. | .. | 86,373 | .. | 25,416 | 86,373 |
| 16 | Poiney anicut system | 104 | 78 | 3,03,918 | 1855–56 | .. | 3,03,918 | .. | 13,43,479 | 3,03,918 |
| 17 | Periyar system | 152 | 118 | 1,08,35,654 | 31–3–1897 | 1896–97 | 1,08,35,654 | .. | 27,63,951 | 1,08,35,654 |
| 18 | Kistna delta system | 349½ | 2,198¼ | 2,34,36,720 | 1855–56 | 1876–77 | 2,06,45,631 | .. | 9,97,38,899 | 2,06,45,631 |
| 19 | Nandiyar channel system. | 31 | .. | 65,715 | 1897–98 | 1895–96 | 65,715 | 34,318 | .. | 1,00,033 |
| 20 | Ganjam minor river system. | 119 | 225 | 2,94,913 | .. | .. | 2,89,226 | .. | 8,34,693 | 2,89,226 |
| 21 | Lower Coleroon anicut. | 383 | 620¼ | 30,01,669 | 1848–49 | .. | 30,01,669 | .. | 1,34,24,565 | 30,01,669 |
| 22 | Divi pumping system | 50 | 120¾ | 26,53,143 | 31–10–1913 | 1917–18 | 26,53,143 | 1,33,638 | .. | 27,86,781 |
| 23 | Toludur reservoir system. | 31¾ | 40 | 26,03,459 | 31–10–1925 | 1924–25 | 25,99,326 | 11,43,827 | .. | 37,43,153 |
| 24 | Polavaram Island project. | .. | 45⅞ | 19,04,305 | In progress. | 1929–30 | 16,30,627 | 62,699 | .. | 16,93,326 |
| 25 | Cauvery-Mettur project. | 103¾ | 514⅞ | 6,79,00,000 | | 1932–33 | 6,59,69,406 | 1,72,19,655 | .. | 8,31,89,061 |
| 26 | Kattalai scheme | 18¼ | .. | 33,67,226 | | 1929–30 | 36,68,601 | 9,17,380 | .. | 45,85,981 |
| | Total, A. Irrigation—1. Productive Works. | 3,663⅞ | 9,969⅝ | 15,52,73,857 | | | 15,01,89,138 | 1,95,11,517 | 31,66,72,133 | 16,97,00,655 |

## C-II.—Statement showing the financial results of Irrigation, Navigation, Embankment and Drainage Works for, and up to, the end of 1934-35—*cont.*

| Number of works. | Name of works. | Financial results of the year 1934-35. 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) |
| | A. IRRIGATION WORKS. | RS. | RS. | RS. | PER CENT. | PER CENT. | RS. | RS. | RS. | ACS. | PER CENT. |
| | 1. PRODUCTIVE WORKS. | | | | | | | | | | |
| 1 | Cauvery delta system. | 22,28,913 | 8,96,590 | 13,32,323 | 16·78 | 16·78 | 3,16,442 | 10,15,881 | .. | 183,295 | 40·22 |
| 2 | Srivaikuntam anicut system. | 1,53,443 | 1,84,824 | — 31,381 | — 1·77 | — 1·77 | 56,607 | .. | 87,988 | 18,641 | 120·45 |
| 3 | Godavari delta system .. | 53,32,343 | 14,68,453 | 38,63,890 | 21·09 | 21·09 | 5,96,583 | 32,67,307 | .. | 896,390 | 27·54 |
| 4 | Mehamattur anicut system. | 23,465 | 7,128 | 16,337 | 19·74 | 19·74 | 2,861 | 13,476 | .. | 4,495 | 30·38 |
| 5 | Thadapalli channel .. | 63,604 | 21,524 | 42,080 | 23·72 | 23·72 | 5,561 | 36,519 | .. | 6,741 | 33·84 |
| 6 | Kalingarayan channel .. | 60,431 | 18,269 | 42,162 | 23·36 | 23·36 | 5,852 | 36,310 | .. | 5,776 | 30·23 |
| 7 | Vriddhachalam anicut. | 33,476 | 14,680 | 18,796 | 17·75 | 17·75 | 3,655 | 15,141 | .. | 7,164 | 43·85 |
| 8 | Chembrambakkam tank system. | 38,704 | 15,789 | 22,915 | 3·00 | 3·00 | 21,875 | 1,040 | .. | 3,231 | 40·79 |
| 9 | Marudur anicut system. | 95,765 | 30,275 | 65,490 | 108·93 | 108·93 | 2,099 | 63,391 | .. | 12,824 | 31·61 |
| 10 | Pennar river canals system. | 5,75,975 | 2,57,084 | 3,18,891 | 4·65 | 4·65 | 1,96,891 | 1,22,000 | .. | 69,630 | 44·63 |
| 11 | Arkenkota channel .. | 20,134 | 7,984 | 12,150 | 8·41 | 8·41 | 4,681 | 7,469 | .. | 2,550 | 39·65 |
| 12 | Tirukkoyilur anicut system. | 82,447 | 21,277 | 61,170 | 15·32 | 15·32 | 13,344 | 47,826 | .. | 16,001 | 25·81 |
| 13 | Shatiatope anicut system. | 1,74,556 | 39,286 | 1,35,270 | 12·42 | 12·42 | 36,146 | 99,124 | .. | 37,124 | 22·51 |
| 14 | Cheyyar anicut system. | 69,210 | 46,846 | 22,364 | 4·17 | 4·17 | 19,047 | 3,317 | .. | 15,580 | 67·69 |
| 15 | Cumbum tank .. .. | 9,908 | 1,198 | 8,710 | 10·08 | 10·08 | 2,793 | 5,917 | .. | 2,199 | 12·09 |
| 16 | Poimey anicut system .. | 68,597 | 35,967 | 32,630 | 10·74 | 10·74 | 10,840 | 21,790 | .. | 8,815 | 52·43 |
| 17 | Periyar system .. .. | 8,57,591 | 2,31,837 | 6,25,754 | 5·77 | 5·77 | 3,51,030 | 2,74,724 | .. | 92,444 | 27·03 |
| 18 | Kistna delta system .. | 47,01,658 | 11,41,685 | 35,59,973 | 17·25 | 17·25 | 7,00,085 | 28,59,888 | .. | 741,282 | 24·28 |
| 19 | Nandiyar channel system. | 13,954 | 15,207 | — 1,253 | — 1·91 | — 1·25 | 2,132 | .. | 3,385 | 3,415 | 108·98 |
| 20 | Ganjam minor river system. | 62,729 | 58,702 | 4,027 | 1·39 | 1·39 | 9,585 | .. | 5,558 | 18,427 | 93·58 |
| 21 | Lower Coleroon anicut. | 4,81,271 | 1,87,146 | 2,94,125 | 9·80 | 9·80 | 1,15,612 | 1,78,513 | .. | 75,759 | 38·89 |
| 22 | Divi pumping system .. | 2,92,620 | 1,37,963 | 1,54,657 | 5·83 | 5·55 | 98,580 | 56,077 | .. | 30,688 | 47·15 |
| 23 | Toludur reservoir system. | 1,07,267 | 40,217 | 67,050 | 2·58 | 1·79 | 1,05,385 | .. | 38,335 | 16,631 | 37·49 |
| 24 | Polavaram island project. | 1,14,601 | 13,241 | 1,01,360 | 6·21 | 5·99 | 81,876 | 19,484 | .. | 19,657 | 11·55 |
| 25 | Cauvery-Mettur project. | 8,70,483 | 2,72,488 | 5,97,995 | 0·91 | 0·72 | 32,87,590 | .. | 26,89,595 | 35,503 | 31·30 |
| 26 | Kattalai scheme .. | 64,839 | 23,097 | 41,742 | 1·14 | 0·91 | 1,70,291 | .. | 1,28,549 | 9,897 | 35·62 |
| | Total, A. Irrigation—1. Productive Works; | 1,65,97,984 | 51,88,757 | 1,14,09,227 | 7·60 | 6·72 | 62,17,443 | 51,91,784 | .. | 23,34,159 | 31·62 |



## C-II.—Statement showing the financial results of Irrigation, Navigation, Embankment and Drainage Works for, and up to, the end of 1934-35—*cont.*

| Number work. | Name of work. | General financial results to end of 1934-35. Mileage in operation. Main canals and branches. | Distributaries. | 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)]. |
|---|---|---|---|---|---|---|---|---|---|---|
| (1) | (2) | (3) | (4) | (5) | (6-*a*) | (6-*b*) | (7) | (8) | (9) | (10) |
| | A. IRRIGATION WORKS. | MILES. | MILES. | RS. | DATE. | DATE. | RS. | RS. | | RS. |
| | (2) UNPRODUCTIVE WORKS. | | | | | | | | | |
| 1 | Kurnool-Cuddapah canal system. | 417⅝ | 294⅞ | 2,33,87,114 | 1882—83 | 1882—83 | 2,33,87,114 | 3,89,69,640 | .. | 6,23,56,754 |
| 2 | Barur tank system .. | 11 | 26 | 4,43,113 | 1887—88 | 1887—88 | 4,43,113 | 3,91,171 | .. | 8,34,284 |
| 3 | Vallur anicut system .. | 5⅝ | 8 | 76,282 | .. | .. | 76,282 | 20,949 | .. | 97,231 |
| 4 | Madras water-supply and Irrigation system. | 11¼ | .. | 18,68,918 | .. | .. | 18,68,918 | 27,49,186 | .. | 46,18,104 |
| 5 | Palandorai anicut system. | 39 | 25 | 6,92,074 | 1836—37 | .. | 6,92,074 | 4,39,206 | .. | 11,31,280 |
| 6 | Palar anicut system .. | 156 | 139 | 24,65,806 | .. | .. | 24,65,806 | 5,36,753 | .. | 30,02,559 |
| 7 | Rushikulya system .. | 80 | 168 | 56,24,184 | 1891—92 | 1892—93 | 55,92,915 | 47,11,481 | .. | 1,03,04,396 |
| 8 | Muniyeru system .. | 60¾ | 6½ | 6,01,059 | 1901—02 | 1898—99 | 6,01,059 | 3,07,059 | .. | 9,08,118 |
| 9 | Dondapad tank .. | .. | 6⅞ | 1,40,004 | 31—3—03 | 1898—99 | 1,40,004 | 1,72,962 | .. | 3,12,966 |
| 10 | Yerur tank .. .. | .. | .. | 63,353 | 31—3—07 | 1912—13 | 63,353 | 33,450 | .. | 96,803 |
| 11 | Sagileru system .. | 12 | .. | 4,64,727 | 31—3—07 | 1898—99 | 4,64,727 | 6,60,878 | .. | 11,25,605 |
| 12 | Atmakur tank .. .. | .. | 4½ | 1,25,403 | 31—8—07 | 1912—13 | 1,25,403 | 87,758 | .. | 2,13,161 |
| 13 | Jangamaheswarapuram tank. | .. | 5⅛ | 71,664 | 31—3—08 | 1912—13 | 71,664 | 55,025 | .. | 1,26,689 |
| 14 | Annamasamudram-Beraperu tank. | .. | 2⅞ | 73,573 | 31—3—10 | 1911—12 | 73,573 | 65,847 | .. | 1,39,420 |
| 15 | Hajipuram tank .. | .. | 4¼ | 3,11,883 | 31—3—11 | 1910—11 | 3,11,883 | 2,23,117 | .. | 5,35,000 |
| 16 | Ponnalur tank .. .. | .. | 7 | 2,18,649 | 31—3—11 | 1910—11 | 2,18,649 | 2,18,662 | .. | 4,37,311 |
| 17 | Markapur tank .. .. | 7⅛ | .. | 1,29,340 | 31—3—11 | 1909—10 | 1,29,340 | 92,750 | .. | 2,22,090 |
| 18 | Nagavalli river system. | 64⅞ | 47¼ | 17,64,615 | 31—12—13 | 1909—10 | 17,31,810 | 3,63,064 | .. | 20,94,874 |
| 19 | Venkatapuram tank .. | 3¼ | .. | 3,84,921 | 31—3—18 | 1921—22 | 3,84,921 | 2,92,909 | .. | 6,77,830 |
| 20 | Bhavanasi tank .. | 6⅜ | .. | 2,65,491 | 31—3—19 | 1921—22 | 2,65,491 | 1,91,282 | .. | 4,56,773 |
| 21 | Yellanur tank .. .. | .. | 3⅞ | 2,69,707 | 31—3—19 | 1920—21 | 2,69,707 | 1,57,117 | .. | 4,26,824 |
| 22 | Siddapur tank .. .. | 6⅞ | 9 | 8,04,486 | 31—10—19 | 1921—22 | 8,04,486 | 5,67,806 | .. | 13,72,292 |
| 23 | Nagavaram anicut and supply channel. | 2 | .. | 1,09,890 | 31—12—19 | 1920—21 | 1,09,890 | 55,294 | .. | 1,65,184 |
| 24 | Mopad reservoir .. | 16⅞ | 84 | 22,89,697 | 30—4—21 | 1921—22 | 22,89,697 | 15,12,762 | .. | 38,02,459 |
| 25 | Kanniampalaiyam anicut. | 10⅜ | .. | 1,11,074 | 31—3—22 | 1924—25 | 1,11,074 | 1,06,211 | .. | 2,17,285 |
| 26 | Tippayapalem project .. | .. | .. | 4,07,425 | In progress. | In progress. | 2,79,526 | 49,059 | .. | 3,28,585 |
| 27 | Panjapatti reservoir .. | 1½ | .. | 3,39,276 | 30—6—19 | 1921—22 | 3,39,276 | 2,33,291 | .. | 5,72,567 |
| 28 | Basavanna channel .. | .. | .. | 5,92,100 | In progress. | In progress. | 5,44,994 | 1,84,831 | .. | 7,29,825 |
| | Total, A. Irrigation—(2) Unproductive Works. | 912½ | 842-1/8 | 4,40,95,828 | .. | .. | 4,38,56,749 | 5,34,49,520 | .. | 9,73,06,269 |
| | Total, A. Irrigation on Works .. .. | 4,576-3/8 | 10,811¾ | 19,93,69,685 | .. | .. | 19,40,45,887 | 7,29,61,037 | .. | 26,70,06,942 |

## C-II.—Statement showing the financial results of Irrigation, Navigation, Embankment and Drainage Works for, and up to, the end of 1934–35—*cont.*

| Number of work. | Name of work. | General financial results to end of 1934–35. Mileage in operation. Main canals and branches. | Distributaries. | 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)]. |
|---|---|---|---|---|---|---|---|---|---|---|
| (1) | (2) | (3) | (4) | (5) | (6-*a*) | (6-*b*) | (7) | (8) | (9) | (10) |
| | | MILES. | MILES. | RS. | | | RS. | RS. | | RS. |
| | B. NAVIGATION, EMBANKMENT AND DRAINAGE WORKS. | | | | | | | | | |
| | (2) UNPRODUCTIVE. | | | | | | | | | |
| 1 | Ganjam-Gopalpur canal. | .. | .. | 1,55,493 | .. | .. | 1,55,493 | 2,33,740 | .. | 3,89,233 |
| 2 | Vedaranniyam canal .. | 31¾ | .. | 1,36,432 | .. | .. | 1,36,432 | 6,84,758 | .. | 8,21,190 |
| 3 | Buckingham canal .. | 262 | .. | 90,81,993 | .. | .. | 90,81,993 | 2,11,15,125 | .. | 3,01,97,118 |
| | Total (2) Unproductive Works .. .. .. | 293¾ | .. | 93,73,918 | .. | .. | 93,73,918 | 2,20,33,623 | .. | 3,14,07,541 |
| | Total, B. Navigation, etc. Works .. .. .. | 293¾ | .. | 93,73,918 | .. | .. | 93,73,918 | 2,20,33,623 | .. | 3,14,07,541 |
| | Total, construction of Irrigation, Works, etc. | 4,870-1/8 | 10,811¾ | 20,87,43,603 | .. | .. | 20,34,19,805 | 9,49,94,660 | .. | 29,84,14,465 |

## C-II.—Statement showing the financial results of Irrigation, Navigation, Embankment and Drainage Works for, and up to, the end of 1934–35—*cont.*

| Number of work. | Name of work. | Financial results of the year 1934–35. 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) |
| | A. IRRIGATION WORKS. | RS. | RS. | RS. | PER CENT. | PER CENT. | RS. | RS. | RS. | ACS. | PER CENT. |
| | (2) UNPRODUCTIVE WORKS. | | | | | | | | | | |
| 1 | Kurnool-Cuddapah canal system. | 3,40,546 | 1,36,786 | 2,03,760 | 0·87 | 0·33 | 7,83,218 | .. | 5,79,458 | 86,327 | 40·17 |
| 2 | Barur tank system .. | 19,472 | 8,844 | 10,628 | 2·40 | 1·27 | 13,945 | .. | 3,317 | 3,119 | 45·42 |
| 3 | Vallur anicut system .. | 3,029 | 3,651 | — 622 | — 0·82 | — 0·64 | 2,666 | .. | 3,288 | 1,206 | 120·54 |
| 4 | Madras water-supply and Irrigation system. | 69,524 | 18,279 | 51,245 | 2·74 | 1·11 | 55,639 | .. | 4,394 | 4,670 | 26·18 |
| 5 | Palandorai anicut system. | 56,076 | 27,959 | 28,117 | 4·06 | 2·49 | 21,970 | 6,147 | .. | 11,075 | 49·86 |
| 6 | Palar anicut system .. | 1,64,225 | 1,27,184 | 37,041 | 1·50 | 1·23 | 78,547 | .. | 41,506 | 26,478 | 77·45 |
| 7 | Rushikulya system .. | 2,02,809 | 1,72,894 | 29,915 | 0·53 | 0·29 | 1,80,295 | .. | 1,50,380 | 53,733 | 85·25 |
| 8 | Muniyeru system .. | 47,730 | 17,105 | 30,625 | 5·09 | 3·37 | 19,039 | 11,586 | .. | 8,808 | 35·76 |
| 9 | Dondapad tank .. | 673 | 47 | 626 | 0·45 | 0·20 | 4,149 | .. | 3,523 | 178 | 6·98 |
| 10 | Yerur tank .. .. | — 120 | 146 | — 266 | — 0·42 | — 0·27 | 2,053 | .. | 2,319 | 242 | — 121·67 |
| 11 | Sagileru tank .. .. | 6,790 | 2,111 | 4,679 | 1·01 | 0·42 | 14,867 | .. | 10,188 | 1,280 | 31·09 |
| 12 | Atmakur tank .. .. | 2,011 | 3,663 | — 1,652 | — 1·32 | — 0·77 | 3,759 | .. | 5,411 | 486 | 182·15 |
| 13 | Jangamaheswarapuram tank. | 502 | 50 | 452 | 0·63 | 0·36 | 2,038 | .. | 1,586 | 264 | 9·96 |
| 14 | Annamasamudram-Beraperu tank. | 398 | 369 | 29 | 0·04 | 0·02 | 2,384 | .. | 2,355 | 23 | 92·71 |
| 15 | Hajipuram tank .. | 3,656 | 2,200 | 1,456 | 0·47 | 0·27 | 9,270 | .. | 7,814 | 937 | 60·18 |
| 16 | Ponnalur tank .. .. | 4,323 | 10,922 | — 6,599 | — 3·02 | — 1·51 | 6,892 | .. | 13,491 | 769 | 252·65 |
| 17 | Markapur tank .. .. | 4,045 | 6,690 | — 2,645 | — 2·05 | — 1·19 | 4,280 | .. | 6,925 | 1,235 | 165·39 |
| 18 | Nagavalli river system. | 98,502 | 28,850 | 69,652 | 4·02 | 3·32 | 57,060 | 12,592 | .. | 17,022 | 29·29 |
| 19 | Venkatapuram tank .. | 1,477 | 569 | 908 | 0·24 | 0·13 | 12,848 | .. | 11,940 | 319 | 38·52 |
| 20 | Bhavanasi tank .. | 4,743 | 7,817 | — 3,074 | — 1·16 | — 0·67 | 9,818 | .. | 12,892 | 509 | 164·81 |
| 21 | Yellanur tank .. .. | 1,792 | 1,953 | — 161 | — 0·06 | — 0·04 | 8,280 | .. | 8,441 | 551 | 108·98 |
| 22 | Siddapur tank .. .. | 6,035 | 916 | 5,119 | 0·64 | 0·37 | 26,378 | .. | 21,259 | 736 | 15·18 |
| 23 | Nagavaram anicut .. | 2,027 | 300 | 1,727 | 1·57 | 1·05 | 3,568 | .. | 1,841 | 341 | 14·80 |
| 24 | Mopad reservoir .. | 35,072 | 12,744 | 22,328 | 0·97 | 0·59 | 82,723 | .. | 60,395 | 4,473 | 36 34 |
| 25 | Kanniyampalaiyam anicut. | 4,000 | 2,479 | 1,521 | 1·37 | 0·70 | 4,980 | .. | 3,459 | 208 | 61·98 |
| 26 | Tippayapalem project. | .. | .. | .. | .. | .. | 11,055 | .. | 11,055 | .. | .. |
| 27 | Panjapatti reservoir .. | 152 | 359 | — 207 | — 0·06 | — 0·04 | 12,286 | .. | 12,493 | .. | 236·18 |
| 28 | Basavanna channel .. | .. | .. | .. | .. | .. | 27,249 | .. | 27,249 | .. | .. |
| | Total, A. Irrigation (2) Unproductive Works. | 10,79,489 | 5,94,887 | 4,84,602 | 1·10 | 0·50 | 14,61,256 | .. | 9,76,654 | 224,989 | 55·11 |
| | Total, A. Irrigation on Works .. .. | 1,76,77,473 | 57,83,644 | 1,18,93,829 | 6·13 | 4·45 | 76,78,699 | 42,15,130 | .. | 2,559,148 | 32·72 |

## C-II.—Statement showing the financial results of Irrigation, Navigation, Embankment and Drainage Works for, and up to, the end of 1934–35—*cont.*

| Number of work. | Name of work. | Financial results of the year 1934–35. 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. | RS. | RS. | RS. | PER CENT. | PER CENT. | RS. | RS. | RS. | ACS. | PER CENT |
| 1 | Ganjam-Gopalpur canal. | 2 | .. | 2 | .. | .. | 4,758 | .. | 4,756 | .. | .. |
| 2 | Vedaranniyam canal .. | 1,775 | 31,642 | — 29,867 | — 21·90 | — 3·64 | 4,412 | .. | 34,279 | .. | 1,782·65 |
| 3 | Buckingham canal .. | 1,12,105 | 2,34,437 | — 1,22,232 | — 1·35 | — 0·41 | 2,87,054 | .. | 4,09,386 | .. | 209·12 |
| | Total (2) Unproductive Works .. .. | 1,13,882 | 2,66,079 | — 1,52,197 | — 1·62 | — 0·48 | 2,96,224 | .. | 4,48,421 | .. | 233·64 |
| | Total, B. Navigation, etc., Works .. .. | 1,13,882 | 2,66,079 | — 1,52,197 | — 1·62 | — 0·48 | 2,96,224 | .. | 4,48,421 | .. | 233·64 |
| | Total, construction of Irrigation, Works, etc. | 1,77,91,355 | 60,49,723 | 1,17,41,632 | 5·77 | 3·93 | 79,74,923 | 37,66,709 | .. | 2,559,148 | 34·00 |

## C-III.—Demands and Realizations during the year 1934–35 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 of demands unrealized at the commencement of the year. | Demand for the year. | Total. | *Deduct* remissions including cash refunds. | Net total. | *Deduct* amount unrealized at close of the year. | Actual total receipts of the year. | *Deduct* share due to old irrigation. | Net revenue due to improvements. |
|---|---|---|---|---|---|---|---|---|---|
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) |
| A. IRRIGATION WORKS. | | RS. | RS. | RS. | RS. | | RS. | RS. | RS. |
| 1. PRODUCTIVE WORKS. | | | | | | | | | |
| 1 Cauvery delta system .. | .. | 56,43,883 | 56,43,883 | 24,588 | 56,19,295 | .. | 56,19,295 | 33,90,382 | 22,28,913 |
| 2 Srivaikuntam anicut system. | .. | 2,33,916 | 2,33,916 | 1,473 | 2,32,443 | .. | 2,32,443 | 79,000 | 1,53,443 |
| 3 Godavari delta do. | .. | 55,30,233 | 55,30,233 | 73,890 | 54,56,343 | .. | 54,56,343 | 1,24,000 | 53,32,343 |
| 4 Mahamattur anicut do. | .. | 27,503 | 27,503 | 38 | 27,465 | .. | 27,465 | 4,000 | 23,465 |
| 5 Thadapalli channel do. | .. | 1,39,725 | 1,39,725 | 121 | 1,39,604 | .. | 1,39,604 | 76,000 | 63,604 |
| 6 Kalingarayan channel do. | .. | 1,45,548 | 1,45,548 | 117 | 1,45,431 | .. | 1,45,431 | 85,000 | 60,431 |
| 7 Vriddhachalam anicut do. | .. | 42,588 | 42,588 | 612 | 41,976 | .. | 41,976 | 8,500 | 33,476 |
| 8 Chembrambakkam tank do. | .. | 54,813 | 54,813 | 109 | 54,704 | .. | 54,704 | 16,000 | 38,704 |
| 9 Marudur anicut do. | .. | 2,11,514 | 2,11,514 | 749 | 2,10,765 | .. | 2,10,765 | 1,15,000 | 95,765 |
| 10 Pennar river canals do. | .. | 8,77,899 | 8,77,899 | 45,924 | 8,31,975 | .. | 8,31,975 | 2,56,000 | 5,75,975 |
| 11 Arkenkota channel do. | .. | 39,134 | 39,134 | .. | 39,134 | .. | 39,134 | 19,000 | 20,134 |
| 12 Tirukkoyilur anicut do. | .. | 1,42,857 | 1,42,857 | 410 | 1,42,447 | .. | 1,42,447 | 60,000 | 82,447 |
| 13 Shatiatope do. do. | .. | 1,95,777 | 1,95,777 | 1,221 | 1,94,556 | .. | 1,94,556 | 20,000 | 1,74,556 |
| 14 Cheyyar do. do. | .. | 1,15,987 | 1,15,987 | 7,777 | 1,08,210 | .. | 1,08,210 | 39,000 | 69,210 |
| 15 Cumbum tank do. | .. | 39,924 | 39,924 | 16 | 39,908 | .. | 39,908 | 30,000 | 9,908 |
| 16 Poiney anicut do. | .. | 1,12,963 | 1,12,963 | 6,366 | 1,06,597 | .. | 1,06,597 | 38,000 | 68,597 |
| 17 Periyar project do. | .. | 10,74,305 | 10,74,305 | 12,714 | 10,61,591 | .. | 10,61,591 | 2,04,000 | 8,57,591 |
| 18 Kistna delta do. | .. | 48,01,203 | 48,01,203 | 28,545 | 47,72,658 | .. | 47,72,658 | 71,000 | 47,01,658 |
| 19 Nandiyar channel do. | .. | 31,416 | 31,416 | 462 | 30,954 | .. | 30,954 | 17,000 | 13,954 |
| 20 Ganjam minor rivers do. | .. | 1,59,088 | 1,59,088 | 1,359 | 1,57,729 | .. | 1,57,729 | 95,000 | 62,729 |
| 21 Lower Coleroon anicut do. | .. | 6,41,974 | 6,41,974 | 5,703 | 6,36,271 | .. | 6,36,271 | 1,55,000 | 4,81,271 |
| 22 Divi pumping do. | .. | 3,25,904 | 3,25,904 | 12,984 | 3,12,920 | .. | 3,12,920 | 20,300 | 2,92,620 |
| 23 Toludur reservoir do. | .. | 1,17,899 | 1,17,899 | 42 | 1,17,857 | .. | 1,17,857 | 10,590 | 1,07,267 |
| 24 Polavaram island project .. | .. | 1,16,587 | 1,16,587 | 1,986 | 1,14,601 | .. | 1,14,601 | .. | 1,14,601 |
| 25 Cauvery-Mettur do. .. | .. | 9,83,775 | 9,83,775 | 15,292 | 9,68,483 | .. | 9,68,483 | 98,000 | 8,70,483 |
| 26 Kattalai scheme .. .. | .. | 3,20,407 | 3,20,407 | 1,568 | 3,18,839 | .. | 3,18,839 | 2,54,000 | 64,839 |
| Total, A. Irrigation— 1. Productive Works .. | .. | 2,21,26,822 | 2,21,26,822 | 2,44,066 | 2,18,82,756 | .. | 2,18,82,756 | 52,84,772 | 1,65,97,984 |
| 2. UNPRODUCTIVE WORKS. | | | | | | | | | |
| 1 Kurnool-Cuddapah canal .. | .. | 3,77,749 | 3,77,749 | 1,331 | 3,76,418 | .. | 3,76,418 | 35,872 | 3,40,546 |
| 2 Barur tank .. .. .. | .. | 24,195 | 24,195 | 223 | 23,972 | .. | 23,972 | 4,500 | 19,472 |
| 3 Vallur anicut .. .. .. | .. | 8,708 | 8,708 | 679 | 8,029 | .. | 8,029 | 5,000 | 3,029 |

## C-III.—Demands and Realizations during the year 1934–35 in the Madras Presidency—*cont.*

### Irrigation, Navigation, Embankment and Drainage Works (classed as 'Productive' and 'Unproductive') for which Capital and Revenue Accounts are kept—*cont.*

| Works or systems. | Balance of demands unrealized at the commencement of the year. | Demand for the year. | Total. | *Deduct* remissions including cash refunds. | Net total. | *Deduct* amount unrealized at close of the year. | Actual total receipts of the year. | *Deduct* share due to old irrigation. | Net revenue due to improvements. |
|---|---|---|---|---|---|---|---|---|---|
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) |
| A. IRRIGATION WORKS—*cont.* | | | | | | | | | |
| 2. UNPRODUCTIVE WORKS—*cont.* | | | | | | | | | |
| | | RS. | RS. | RS. | RS. | | RS. | RS. | RS. |
| 4 Madras water-supply and irrigation systems .. .. | .. | 81,014 | 81,014 | 490 | 80,524 | .. | 80,524 | 11,000 | 69,524 |
| 5 Pelandorai anicut system .. | .. | 59,274 | 59,274 | 198 | 59,076 | .. | 59,076 | 3,000 | 56,076 |
| 6 Palar do. do. .. | .. | 3,46,619 | 3,46,619 | 57,394 | 2,89,225 | .. | 2,89,225 | 1,25,000 | 1,64,225 |
| 7 Rushikulya system .. | .. | 2,71,285 | 2,71,285 | 1,476 | 2,69,809 | .. | 2,69,809 | 67,000 | 2,02,809 |
| 8 Muniyeru do. .. | .. | 50,525 | 50,525 | 295 | 50,230 | .. | 50,230 | 2,500 | 47,730 |
| 9 Dondapad tank system .. | .. | 673 | 673 | .. | 673 | .. | 673 | .. | 673 |
| 10 Yerur do. do. .. | .. | 3,805 | 3,805 | 3,500 | 305 | .. | 305 | 425 | — 120 |
| 11 Sagileru system .. .. | .. | 24,594 | 24,594 | 4 | 24,590 | .. | 24,590 | 17,800 | 6,790 |
| 12 Atmakur tank system .. | .. | 2,011 | 2,011 | .. | 2,011 | .. | 2,011 | .. | 2,011 |
| 13 Jangamaheswarapuram tank. | .. | 1,744 | 1,744 | 742 | 1,002 | .. | 1,002 | 500 | 502 |
| 14 Annamasamudram-Beraperu tank .. .. .. .. | .. | 3,998 | 3,998 | .. | 3,998 | .. | 3,998 | 3,600 | 398 |
| 15 Hajipuram tank .. .. | .. | 3,656 | 3,656 | .. | 3,656 | .. | 3,656 | .. | 3,656 |
| 16 Ponnalur do. .. .. | .. | 4,323 | 4,323 | .. | 4,323 | .. | 4,323 | .. | 4,323 |
| 17 Markapur do. .. .. | .. | 6,175 | 6,175 | .. | 6,175 | .. | 6,175 | 2,130 | 4,045 |
| 18 Nagavalli river system .. | .. | 1,38,189 | 1,38,189 | 2,287 | 1,35,902 | .. | 1,35,902 | 37,400 | 98,502 |
| 19 Venkatapuram tank .. | .. | 1,641 | 1,641 | .. | 1,641 | .. | 1,641 | 164 | 1,477 |
| 20 Bhavanasi do. .. | .. | 4,743 | 4,743 | .. | 4,743 | .. | 4,743 | .. | 4,743 |
| 21 Yellanur do. .. | .. | 3,959 | 3,959 | 2,167 | 1,792 | .. | 1,792 | .. | 1,792 |
| 22 Siddapur tank .. .. | .. | 6,035 | 6,035 | .. | 6,035 | .. | 6,035 | .. | 6,035 |
| 23 Nagavaram anicut and supply channel .. .. .. | .. | 4,285 | 4,285 | 2 | 4,283 | .. | 4,283 | 2,256 | 2,027 |
| 24 Mopad reservoir .. .. | .. | 35,505 | 35,505 | .. | 35,505 | .. | 35,505 | 433 | 35,072 |
| 25 Kanniyampalaiyam anicut .. | .. | 4,000 | 4,000 | .. | 4,000 | .. | 4,000 | .. | 4,000 |
| 26 Tippayapalam project .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| 27 Panjapatti reservoir .. | .. | 152 | 152 | .. | 152 | .. | 152 | .. | 152 |
| 28 Basavanna channel .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Total, A. Irrigation Works—2. Unproductive Works .. | .. | 14,68,857 | 14,68,857 | 70,788 | 13,98,069 | .. | 13,98,069 | 3,18,580 | 10,79,489 |
| Total, A. Irrigation Works .. | .. | 2,35,95,679 | 2,35,95,679 | 3,14,854 | 2,32,80,825 | .. | 2,32,80,825 | 56,03,352 | 1,76,77,473 |
| B. NAVIGATION, EMBANKMENT AND DRAINAGE WORKS. | | | | | | | | | |
| 2. UNPRODUCTIVE WORKS. | | | | | | | | | |
| 1 Ganjam-Gopalpur canal .. | .. | 2 | 2 | .. | 2 | .. | 5 | .. | 2 |
| 2 Vedaranniyam canal .. .. | .. | 1,906 | 1,906 | 131 | 1,775 | .. | 1,775 | .. | 1,775 |
| 3 Buckingham canal .. .. | .. | 1,12,105 | 1,12,105 | 1 | 1,12,105 | .. | 1,12,105 | .. | 1,12,105 |
| Total, B. Navigation, etc.—2. Unproductive Works.. | .. | 1,14,013 | 1,14,013 | 132 | 1,13,882 | .. | 1,13,882 | .. | 1,13,882 |
| Total B. Navigation, etc., Works. | .. | 1,14,013 | 1,14,013 | 132 | 1,13,882 | .. | 1,13,882 | .. | 1,13,882 |
| Total, construction of Irrigation, etc., Works .. | .. | 2,37,09,692 | 2,37,09,692 | 3,14,986 | 2,33,94,707 | .. | 2,33,94,707 | 56,03,352 | 1,77,91,355 |

## C-IV.—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 1934–35 based on the assessment for the year.

| Works or systems. | Capital outlay (direct and indirect) to end of the year. | Revenue assessed during the year. Direct revenue. Owner's rate. | Planta-tions. | Naviga-tion. | Miscel-laneous. | Total. | Indirect revenue and land revenue due to operations of canal. | Less refunds of revenue. | Grand total. |
|---|---|---|---|---|---|---|---|---|---|
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) |
| | RS. | | RS. | RS. | RS. | RS. | RS. | RS. | RS. |
| **A. IRRIGATION WORKS.** | | | | | | | | | |
| 1. PRODUCTIVE WORKS. | | | | | | | | | |
| 1 Cauvery delta system .. .. .. | 79,39,976 | .. | 3,645 | 218 | 4,603 | 8,466 | 56,10,987 | 158 | 56,19,295 |
| 2 Srivaikuntam anicut system .. .. | 17,75,063 | .. | 664 | .. | 6,117 | 6,781 | 2,25,669 | 7 | 2,32,443 |
| 3 Godavari delta do. .. .. | 1,83,20,601 | .. | 7,728 | 1,87,876 | 44,207 | 2,39,811 | 52,17,018 | 486 | 54,56,343 |
| 4 Mehamattur anicut do. .. .. | 82,753 | .. | 19 | .. | 509 | 528 | 26,975 | 38 | 27,465 |
| 5 Thadapalli channel do. .. .. | 1,77,446 | .. | 1,222 | .. | 226 | 1,448 | 1,38,156 | .. | 1,39,604 |
| 6 Kalingarayan channel do. .. .. | 1,80,486 | .. | 1,258 | .. | 171 | 1,429 | 1,44,002 | .. | 1,45,431 |
| 7 Vriddhachalam anicut do. .. .. | 1,05,924 | .. | 134 | .. | 234 | 368 | 42,220 | 612 | 41,976 |
| 8 Chembrambakkam tank do. .. .. | 7,64,143 | .. | .. | .. | 155 | 155 | 54,549 | .. | 54,704 |
| 9 Marudur anicut do. .. .. | 60,122 | .. | 12 | .. | 3,012 | 3,024 | 2,07,745 | 4 | 2,10,765 |
| 10 Pennar river canals do. .. .. | 68,64,477 | .. | 192 | 525 | 2,454 | 3,171 | 8,29,048 | 244 | 8,31,975 |
| 11 Arkenkota channel do. .. .. | 1,44,445 | .. | 204 | .. | 35 | 239 | 38,895 | .. | 39,134 |
| 12 Tirukkoyilur anicut do. .. .. | 3,99,190 | .. | 276 | .. | 115 | 391 | 1,42,064 | 8 | 1,42,447 |
| 13 Shatiatope do. do. .. .. | 10,88,808 | .. | 131 | .. | 282 | 413 | 1,94,296 | 153 | 1,94,556 |
| 14 Cheyyar do. do. .. .. | 5,36,415 | .. | 291 | .. | 1,198 | 1,489 | 1,06,721 | .. | 1,08,210 |
| 15 Cumbum tank do. .. .. | 86,373 | .. | .. | .. | .. | .. | 39,908 | .. | 39,908 |
| 16 Poiney anicut do. .. .. | 3,03,918 | .. | 103 | .. | 1,068 | 1,171 | 1,05,426 | .. | 1,06,597 |
| 17 Periyar project do. .. .. | 1,08,35,654 | .. | 4,224 | 325 | 5,788 | 10,337 | 10,51,401 | 147 | 10,61,591 |
| 18 Kistna delta do. .. .. | 2,06,45,631 | .. | 3,918 | 1,03,287 | 50,296 | 1,57,501 | 46,16,927 | 1,770 | 47,72,658 |
| 19 Nandiyar channel do. .. .. | 65,715 | .. | 102 | .. | 17 | 119 | 30,835 | .. | 30,954 |
| 20 Ganjam minor rivers do. .. .. | 2,89,226 | .. | .. | .. | 2 | 2 | 1,57,727 | .. | 1,57,729 |
| 21 Lower Coleroon anicut do. .. .. | 30,01,669 | .. | 1,173 | 25 | 2,930 | 4,128 | 6,32,756 | 613 | 6,36,271 |
| 22 Divi pumping do. .. .. | 26,53,143 | .. | 11 | 1,793 | 3,173 | 4,977 | 3,07,988 | 45 | 3,12,920 |
| 23 Toludur reservoir .. .. .. | 25,99,326 | .. | 149 | .. | 122 | 271 | 1,17,628 | 42 | 1,17,857 |
| 24 Polavaram Island project .. .. | 16,30,627 | .. | 360 | .. | 167 | 527 | 1,14,088 | 14 | 1,14,601 |
| 25 Cauvery-Mettur do. .. .. | 6,59,69,406 | .. | 1,264 | 5 | 13,811 | 15,080 | 9,53,413 | 10 | 9,68,483 |
| 26 Kattalai scheme .. .. .. | 36,68,601 | .. | 1,694 | 40 | 847 | 2,581 | 3,16,358 | 100 | 3,18,839 |
| Total, A. Irrigation Works— 1. Productive Works .. | 15,01,89,138 | .. | 28,774 | 2,94,094 | 1,41,539 | 4,64,407 | 2,14,22,800 | 4,451 | 2,18,82,756 |
| 2. UNPRODUCTIVE WORKS. | | | | | | | | | |
| 1 Kurnool-Cuddapah canal .. . | 2,33,87,114 | .. | .. | 163 | 8,810 | 8,973 | 3,67,555 | 110 | 3,76,418 |
| 2 Barur tank .. .. .. .. | 4,43,113 | .. | 575 | .. | 766 | 1,341 | 22,631 | .. | 23,972 |
| 3 Vallur anicut .. .. .. .. | 76,282 | .. | .. | .. | 201 | 201 | 7,828 | .. | 8,029 |
| 4 Madras water-supply and irrigation system .. .. .. .. .. | 18,68,918 | .. | .. | .. | 51,771 | 51,771 | 28,753 | .. | 80,524 |
| 5 Palandorai anicut system .. .. | 6,92,074 | .. | 133 | 1 | 154 | 288 | 58,986 | 198 | 59,076 |
| 6 Palar do. do. .. .. | 24,65,806 | .. | 387 | .. | 553 | 940 | 2,88,285 | .. | 2,89,225 |
| 7 Rushikulya do. do. .. .. | 55,92,915 | .. | 63 | .. | 2,781 | 2,844 | 2,66,965 | .. | 2,69,809 |
| 8 Muniyeru system .. .. .. | 6,01,059 | .. | 48 | .. | 619 | 667 | 49,563 | .. | 50,230 |
| 9 Dondapad tank .. .. .. | 1,40,004 | .. | .. | .. | 3 | 3 | 670 | .. | 673 |
| 10 Yerur do. .. .. .. | 63,353 | .. | .. | .. | .. | .. | 305 | .. | 305 |
| 11 Sagileru system .. .. .. .. | 4,64,727 | .. | .. | .. | 75 | 75 | 24,515 | .. | 24,590 |
| 12 Atmakur tank .. .. .. .. | 1,25,403 | .. | .. | .. | 20 | 20 | 1,991 | .. | 2,011 |
| 13 Jangamaheswarapuram tank .. .. | 71,664 | .. | .. | .. | 294 | 294 | 708 | .. | 1,002 |
| 14 Annamasamudram-Beraperu tank .. | 73,573 | .. | .. | .. | .. | .. | 3,998 | .. | 3,998 |
| 15 Hajipuram tank .. .. .. | 3,11,883 | .. | .. | .. | .. | .. | 3,656 | .. | 3,656 |
| 16 Ponnalur do. .. .. .. | 2,18,649 | .. | .. | .. | .. | .. | 4,323 | .. | 4,323 |
| 17 Markapur do. .. .. .. | 1,29,340 | .. | .. | .. | .. | .. | 6,175 | .. | 6,175 |
| 18 Nagavalli river system .. .. .. | 17,31,810 | .. | 11 | .. | 574 | 585 | 1,35,317 | .. | 1,35,902 |
| 19 Venkatapuram tank .. .. .. | 3,84,921 | .. | .. | .. | .. | .. | 1,641 | .. | 1,641 |
| 20 Bhavanasi do. .. .. | 2,65,491 | .. | .. | .. | 133 | 133 | 4,610 | .. | 4,743 |
| 21 Yellanur do. .. .. .. | 2,69,707 | .. | .. | .. | .. | .. | 1,792 | .. | 1,792 |
| 22 Siddapur tank .. .. .. .. | 8,04,486 | .. | .. | .. | .. | .. | 6,035 | .. | 6,035 |
| 23 Nagavaram anicut and supply channel. | 1,09,890 | .. | .. | .. | 1 | 1 | 4,282 | .. | 4,283 |
| 24 Mopad reservoir system .. .. | 22,89,697 | .. | 8 | .. | 110 | 118 | 35,387 | .. | 35,505 |
| 25 Kanniyampalaiyam anicut .. .. | 1,11,074 | .. | .. | .. | 4,000 | 4,000 | .. | .. | 4,000 |
| 26 Tippayapalem project .. .. .. | 2,79,526 | .. | .. | .. | .. | .. | .. | .. | .. |
| 27 Panchapatti reservoir .. .. .. | 3,39,276 | .. | .. | .. | 152 | 152 | .. | .. | 152 |
| 28 Basavanna channel .. .. .. | 5,44,994 | .. | .. | .. | .. | .. | .. | .. | .. |
| Total, A. Irrigation Works— 2. Unproductive Works .. | 4,38,56,749 | .. | 1,225 | 164 | 71,017 | 72,406 | 13,25,971 | 308 | 13,98,069 |
| Total, A. Irrigation Works .. | 19,40,45,887 | .. | 29,999 | 2,94,258 | 2,12,556 | 5,36,813 | 2,27,48,771 | 4,759 | 2,32,80,825 |
| **B. NAVIGATION, EMBANKMENT AND DRAINAGE WORKS.** | | | | | | | | | |
| 2. UNPRODUCTIVE WORKS. | | | | | | | | | |
| 1 Ganjam-Gopalpur canal .. .. | 1,55,493 | .. | .. | .. | 2 | 2 | .. | .. | 2 |
| 2 Vedaranniyam do. .. .. | 1,36,432 | .. | 1,204 | 700 | 2 | 1,906 | .. | 131 | 1,775 |
| 3 Buckingham do. .. .. | 90,81,993 | .. | 70 | 1,09,368 | 2,668 | 1,12,106 | .. | 1 | 1,12,105 |
| Total, B. Navigation, Embankment and Drainage Works— 2. Unproductive Works .. | 93,73,918 | .. | 1,274 | 1,10,068 | 2,672 | 1,14,014 | .. | 132 | 1,13,882 |
| Total, B. Navigation, etc., Works .. | 93,73,918 | .. | 1,274 | 1,10,068 | 2,672 | 1,14,014 | .. | 132 | 1,13,882 |
| Total, Construction of Irrigation, etc., Works .. .. .. .. | 20,34,19,805 | .. | 31,273 | 4,04,326 | 2,15,228 | 6,50,827 | 2,27,48,771 | 4,891 | 2,33,94,707 |

**C-IV.—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 1934–35 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 year (improvements only). |
|---|---|---|---|---|---|---|---|---|
| | | | Working expenses. | | | | | |
| | Deduct share due to old irrigation. | Total revenue due to improvements. | Total charges (direct and indirect). | Deduct old maintenance charges. | Total working expenses on improvements. | Total. | Due to improvements. | |
| | (11) | (12) | (13) | (14) | (15) | (16) | (17) | (18) |
| A. IRRIGATION WORKS. | RS. | RS. | RS. | RS. | RS. | RS. | RS. | |
| 1. PRODUCTIVE WORKS. | | | | | | | | |
| 1 Cauvery delta system .. .. .. | 33,90,382 | 22,28,913 | 10,41,896 | 1,45,306 | 8,96,590 | 45,77,399 | 13,32,323 | 16·78 |
| 2 Srivaikuntam anicut system .. .. | 79,000 | 1,53,443 | 1,92,321 | 7,497 | 1,84,824 | 40,122 | — 31,381 | — 1·77 |
| 3 Godavari delta do. .. .. | 1,24,000 | 53,32,343 | 14,68,453 | .. | 14,68,453 | 39,87,890 | 38,63,890 | 21·09 |
| 4 Mehamattur anicut do. .. .. | 4,000 | 23,465 | 8,002 | 874 | 7,128 | 19,463 | 16,337 | 19·74 |
| 5 Thadapalli channel do. .. .. | 76,000 | 63,604 | 26,204 | 4,680 | 21,524 | 1,13,400 | 42,080 | 23·72 |
| 6 Kalingarayan channel do. .. .. | 85,000 | 60,431 | 23,504 | 5,235 | 18,269 | 1,21,927 | 42,162 | 23·36 |
| 7 Vriddhachalam anicut do. .. .. | 8,500 | 33,476 | 14,680 | .. | 14,680 | 27,296 | 18,796 | 17·75 |
| 8 Chembrambakkam tank do. .. .. | 16,000 | 38,704 | 22,308 | 6,519 | 15,789 | 32,396 | 22,915 | 3·00 |
| 9 Marudur anicut do. .. .. | 1,15,000 | 95,765 | 36,604 | 6,329 | 30,275 | 1,74,161 | 65,490 | 108·93 |
| 10 Pennar river canals do. .. .. | 2,56,000 | 5,75,975 | 2,98,035 | 40,951 | 2,57,084 | 5,33,940 | 3,18,891 | 4·65 |
| 11 Arkenkota channel do. .. .. | 19,000 | 20,134 | 9,154 | 1,170 | 7,984 | 29,980 | 12,150 | 8·41 |
| 12 Tirukkoyilur anicut do. .. .. | 60,000 | 82,447 | 28,062 | 6,785 | 21,277 | 1,14,385 | 61,170 | 15·32 |
| 13 Shatiatope do. do. .. .. | 20,000 | 1,74,556 | 41,547 | 2,261 | 39,286 | 1,53,009 | 1,35,270 | 12·42 |
| 14 Cheyyar do. do. .. .. | 39,000 | 69,210 | 51,049 | 4,203 | 46,846 | 57,161 | 22,364 | 4·17 |
| 15 Cumbum tank do. .. .. | 30,000 | 9,908 | 2,159 | 961 | 1,198 | 37,749 | 8,710 | 10·08 |
| 16 Poiney anicut do. .. .. | 38,000 | 68,597 | 40,061 | 4,094 | 35,967 | 66,536 | 32,630 | 10·74 |
| 17 Periyar project do. .. .. | 2,04,000 | 8,57,591 | 2,66,703 | 34,866 | 2,31,837 | 7,94,888 | 6,25,754 | 5·77 |
| 18 Kistna delta do. .. .. | 71,000 | 47,01,658 | 11,41,685 | .. | 11,41,685 | 36,30,973 | 35,59,973 | 17·25 |
| 19 Nandiyar channel do. .. .. | 17,000 | 13,954 | 19,525 | 4,318 | 15,207 | 11,429 | — 1,253 | — 1·91 |
| 20 Ganjam minor rivers do. .. .. | 95,000 | 62,729 | 66,143 | 7,441 | 58,702 | 91,586 | 4,027 | 1·39 |
| 21 Lower Coleroon anicut do. .. .. | 1,55,000 | 4,81,271 | 1,97,160 | 10,014 | 1,87,146 | 4,39,111 | 2,94,125 | 9·80 |
| 22 Divi pumping do. .. .. | 20,300 | 2,92,620 | 1,54,788 | 16,825 | 1,37,963 | 1,58,132 | 1,54,657 | 5·83 |
| 23 Toludur reservoir .. .. .. | 10,590 | 1,07,267 | 40,217 | .. | 40,217 | 77,640 | 67,050 | 2·58 |
| 24 Polavaram Island project .. .. | .. | 1,14,601 | 13,241 | .. | 13,241 | 1,01,360 | 1,01,360 | 6·21 |
| 25 Cauvery-Mettur do. .. .. | 98,000 | 8,70,483 | 2,72,488 | .. | 2,72,488 | 6,95,995 | 5,97,995 | 0·91 |
| 26 Kattalai scheme .. .. .. | 2,54,000 | 64,839 | 8,8413 | 65,316 | 23,097 | 2,36,426 | 41,742 | 1·14 |
| Total, A. Irrigation Works—1. Productive Works .. | 52,84,772 | 1,65,97,954 | 55,64,402 | 3,75,645 | 51,88,757 | 1,63,18,354 | 1,14,09,227 | 7·60 |
| 2. UNPRODUCTIVE WORKS. | | | | | | | | |
| 1 Kurnool-Cuddapah canal .. .. | 35,872 | 3,40,546 | 1,40,407 | 3,621 | 1,36,786 | 2,36,011 | 2,03,760 | 0·87 |
| 2 Barur tank .. .. .. .. | 4,500 | 19,472 | 8,844 | .. | 8,844 | 15,128 | 10,628 | 2·40 |
| 3 Vallur anicut .. .. .. .. | 5,000 | 3,029 | 5,230 | 1,579 | 3,651 | 2,799 | — 622 | — 0·82 |
| 4 Madras water-supply and irrigation system .. .. .. .. .. | 11,000 | 69,524 | 22,883 | 4,604 | 18,279 | 57,641 | 51,245 | 2·74 |
| 5 Palandorai anicut system .. .. | 3,000 | 56,076 | 28,120 | 161 | 27,959 | 30,956 | 28,117 | 4·06 |
| 6 Palar do. do. .. .. | 1,25,000 | 1,64,225 | 1,31,231 | 4,047 | 1,27,184 | 1,57,994 | 37,041 | 1·50 |
| 7 Rushikulya do. do. .. .. | 67,000 | 2,02,809 | 1,81,817 | 8,923 | 1,72,894 | 87,992 | 29,915 | 0·53 |
| 8 Muniyeru system .. .. .. | 2,500 | 47,730 | 17,411 | 306 | 17,105 | 32,819 | 30,625 | 5·09 |
| 9 Dondapad tank .. .. .. | .. | 673 | 47 | .. | 47 | 626 | 626 | 0·45 |
| 10 Yerur do. .. .. .. | 425 | — 120 | 146 | .. | 146 | 159 | — 266 | — 0·42 |
| 11 Sagileru system .. .. .. .. | 17,800 | 6,790 | 4,758 | 2,647 | 2,111 | 19,832 | 4,679 | 1·01 |
| 12 Atmakur tank .. .. .. .. | .. | 2,011 | 3,663 | .. | 3,663 | — 1,652 | — 1,652 | — 1·32 |
| 13 Jangamaheswarapuram tank .. .. | 500 | 502 | 50 | .. | 50 | 952 | 452 | 0·63 |
| 14 Annamasamudram-Beraperu tank .. | 3,600 | 398 | 1,253 | 884 | 369 | 2,745 | 29 | 0·04 |
| 15 Hajipuram tank .. .. .. .. | .. | 3,656 | 2,200 | .. | 2,200 | 1,456 | 1,456 | 0·47 |
| 16 Ponnalur do. .. .. .. .. | .. | 4,323 | 10,922 | .. | 10,922 | — 6,599 | — 6,599 | — 3·02 |
| 17 Markapur do. .. .. .. .. | 2,130 | 4,045 | 6,983 | 293 | 6,690 | — 808 | — 2,645 | — 2·05 |
| 18 Nagavalli river system .. .. .. | 37,400 | 98,502 | 33,476 | 4,626 | 28,850 | 1,02,426 | 69,652 | 4·02 |
| 19 Venkatapuram tank .. .. .. | 164 | 1,477 | 569 | .. | 569 | 1,072 | 908 | 0·24 |
| 20 Bhavanasi do. .. .. .. | .. | 4,743 | 7,817 | .. | 7,817 | — 3,074 | — 3,074 | — 1·16 |
| 21 Yellanur do. .. .. .. | .. | 1,792 | 1,953 | .. | 1,953 | — 161 | — 161 | — 0·06 |
| 22 Siddapur tank .. .. .. .. | .. | 6,035 | 916 | .. | 916 | 5,119 | 5,119 | 0·64 |
| 23 Nagavaram anicut and supply channel. | 2,256 | 2,027 | 300 | .. | 300 | 3,983 | 1,727 | 1·57 |
| 24 Mopad reservoir system .. .. | 433 | 35,072 | 12,744 | .. | 12,744 | 22,761 | 22,328 | 0·97 |
| 25 Kanniyampalaiyam anicut .. .. | .. | 4,000 | 2,479 | .. | 2,479 | 1,521 | 1,521 | 1·37 |
| 26 Tippayapalem project .. .. .. | .. | .. | .. | .. | .. | .. | .. | .. |
| 27 Panjapatti reservoir .. .. .. | .. | 152 | 359 | .. | 359 | — 207 | — 207 | — 0·06 |
| 28 Basavanna channel .. .. .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Total, A. Irrigation Works—2. Unproductive Works .. | 3,18,580 | 10,79,489 | 6,26,578 | 31,691 | 5,94,887 | 7,71,491 | 4,84,602 | 1·10 |
| Total, A. Irrigation Works .. | 56,03,352 | 1,76,77,473 | 61,90,980 | 4,07,336 | 57,83,644 | 1,70,89,845 | 1,18,93,829 | 6·13 |
| B. NAVIGATION, EMBANKMENT AND DRAINAGE WORKS. | | | | | | | | |
| 2. UNPRODUCTIVE WORKS. | | | | | | | | |
| 1 Ganjam-Gopalpur canal .. .. | .. | 2 | .. | .. | .. | 2 | 2 | .. |
| 2 Vedaranniyam do. .. .. | .. | 1,775 | 31,642 | .. | 31,642 | — 29,867 | — 29,867 | — 21·90 |
| 3 Buckingham do. .. .. | .. | 1,12,105 | 2,34,437 | .. | 2,34,437 | — 1,22,332 | — 1,22,332 | — 1·35 |
| Total, B. Navigation, Embankment and Drainage Works—2. Unproductive Works .. .. .. | .. | 1,13,882 | 2,66,079 | .. | 2,66,079 | — 1,52,197 | — 1,52,197 | — 1·62 |
| Total, B. Navigation, etc., Works .. | .. | 1,13,882 | 2,66,079 | .. | 2,66,079 | — 1,52,197 | — 1,52,197 | — 1·62 |
| Total, Construction of Irrigation, etc., Works .. .. .. .. | 56,03,352 | 1,77,91,355 | 64,57,059 | 4,07,336 | 60,49,723 | 1,69,37,648 | 1,17,41,632 | 5·77 |

## D-I.—Statement of traffic on the principal navigable canals in the Madras Presidency during the year 1934–35.

| (1) | | Godavari canals. (2) | Kistna canals. (3) | Kurnool-Cuddapah canal. (4) | Buckingham canal. (5) | West Coast canals. (6) | Dummagudem canals. (7) | Vedaranniyam canal. (8) | Total. (9) |
|---|---|---|---|---|---|---|---|---|---|
| Length of canal open for navigation. | Miles. | 492-7/8 | 382¼ | 75 | 262 | 121 | 2 | 31¾ | 1,367-⅛ |
| Receipts— | | | | | | | | | |
| Tolls | Rs. | .. | .. | | .. | 10,488 | .. | .. | .. |
| Testing fees | " | 114 | 292 | | 133 | .. | .. | .. | .. |
| Annual licence fees | " | 48,786 | 35,275 | | 56,936 | 5,826 | 728 | 662 | .. |
| Six weeks' licence fees | " | 46,116 | 21,009 | | 21,811 | .. | .. | .. | .. |
| Registration fees | " | .. | .. | | .. | .. | .. | .. | .. |
| Wharfage fees | " | 14,235 | 21,666 | | 22,872 | .. | .. | .. | .. |
| Demurrage fees | " | 3 | 284 | | 766 | .. | .. | .. | .. |
| Raft fees | " | 16,943 | 306 | 163 | .. | .. | 3,296 | 1 | .. |
| Numbering fees | " | 150 | .. | | 820 | .. | .. | 37 | .. |
| Fines | " | .. | 10 | | .. | .. | .. | .. | .. |
| Ground rents | " | 12,383 | 17,722 | | 1,256 | .. | .. | .. | .. |
| Miscellaneous | " | .. | 522 | | 7,069 | 787 | .. | 1,206 | .. |
| Refunds | " | — 131 | — 60 | | — 1 | .. | .. | — 131 | .. |
| Government boats and steamers. | " | 68,574 | 11,000 | | .. | .. | .. | .. | .. |
| Boat rent | " | 2,571 | 6,711 | .. | 163 | .. | .. | .. | .. |
| Total, Receipts | " | 2,09,744 | 1,14,737 | 163 | 1,11,825 | 17,101 | 4,024 | 1,775 | 4,59,369 |
| Maintenance charges, including special navigation establishment. | " | 1,33,803 | 98,566 | .. | 1,88,451 | .. | 2,436 | 23,002 | 4,46,258 |
| Net revenue | " | 75,941 | 16,171 | 163 | 76,626 | 17,101 | 1,588 | — 21,227 | 13,111 |
| Total number of boats plying cargo | | 55,546 | 4,383 | .. | 12,670 | .. | 138 | | 89,691 |
| Total number of boats plying passengers. | | 6,236 | 7,639 | .. | | .. | 5 | .. 74 | |
| Total tonnage, cargo boats | | 901,406 | 786,177 | .. | 200,841¼ | .. | 2,191 | 5,084 | 1,895,699¼ |
| Do. passenger boats. | | | | | | | | | |
| Ton mileage, up | | 9,010,981 | 12,069,539 | .. | .. | .. | 902 | 44,943 | .. |
| Do. down | | 7,395,087 | 15,628,983 | .. | 4,485,171 | .. | 15,137 | 64,901 | 48,715,644 |
| Total | | 16,406,068 | 27,698,522 | .. | 4,485,171 | .. | 16,039 | 109,844 | 48,715,644 |
| Estimated value of cargoes, up. | Rs. | 6,70,47,621 | 4,08,62,930 | .. | 87,38,843 | .. | 6,10,813 | 4,29,120 | 11,78,22,402 |
| Do. down. | " | | | | | | | 1,33,075 | |
| Total | " | 6,70,47,621 | 4,08,62,930 | .. | 87,38,843 | .. | 6,10,813 | 5,62,195 | 11,78,22,402 |
| Number of passengers | | 1,170,707 | 186,487 | .. | 127,076 | .. | 198 | .. | 1,484,468 |
| Rafts, tons, up | | 900,729 | 907 | .. | .. | .. | 13,777 | .. | 918,512 |
| Do. down | | | 3,099 | .. | .. | .. | | | |
| Total | | 900,729 | 4,006 | .. | .. | .. | 13,777 | .. | 918,512 |
| Estimated value of rafts | Rs. | 71,25,475 | 4,52,170 | .. | 1,278 | .. | 22,26,004 | .. | 98,04,927 |
| | | RS. A. P. | | | | | RS. A. P. | | |
| Tollage on boats per ton per mile | | .. | .. | .. | .. | .. | 0 3 0 | .. | .. |
| Tollage on rafts per 100 square feet — Timber | | 1 0 0 | .. | .. | .. | .. | 0 4 0 | .. | .. |
| Tollage on rafts per 100 square feet — 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 1934–35.

| Description. | Godavari canals. Total, Government and private. Quantity. Up. | Godavari canals. Total, Government and private. Quantity. Down. | Godavari canals. Total, Government and private. Quantity. Total. | Godavari canals. Total, Government and private. Value. | Godavari canals. Private. Quantity. | Godavari canals. Private. Value. | Kistna canals. Total, Government and private. Quantity. Up. | Kistna canals. Total, Government and private. Quantity. Down. | Kistna canals. Total, Government and private. Quantity. Total. | Kistna canals. Total, Government and private. Value. |
|---|---|---|---|---|---|---|---|---|---|---|
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (11) |
| *Boat traffic.* | TONS. | TONS. | TONS. | RS. | TONS. | RS. | TONS. | TONS. | TONS. | RS. |
| Cotton, raw and manufactured | 341 | 1,426 | 1,767 | 20,53,603 | 1,767 | 20,53,603 | 948 | 164 | 1,112 | 7,06,094 |
| Woollen goods | .. | .. | .. | .. | .. | .. | .. | 15 | 15 | 15,630 |
| Dyes and tans | 45 | 672 | 717 | 10,33,131 | 717 | 10,33,131 | 25 | 204 | 229 | 2,34,644 |
| Rice and paddy | 100,956 | 38,542 | 139,498 | 94,09,106 | 139,498 | 94,09,106 | 109,029 | 20,554 | 129,583 | 83,13,971 |
| Other food-grains | 3,373 | 26,886 | 30,259 | 26,02,274 | 30,259 | 26,02,274 | 10,735 | 11,867 | 22,602 | 19,43,772 |
| Hides and skins | 232 | 1,932 | 2,164 | 15,93,408 | 2,164 | 15,93,408 | 121 | 377 | 498 | 2,13,832 |
| Liquors | 104 | 264 | 368 | 6,84,848 | 368 | 6,84,848 | .. | .. | .. | .. |
| Metals | 798 | 1,631 | 2,429 | 8,26,860 | 2,429 | 8,26,860 | 861 | 1,101 | 1,962 | 3,33,996 |
| Oils | 3,014 | 6,424 | 9,438 | 40,20,588 | 9,438 | 40,20,588 | 2,185 | 2,188 | 4,373 | 18,62,898 |
| Oil-seeds | 1,775 | 30,012 | 31,787 | 46,09,115 | 31,787 | 46,09,115 | 26,248 | 44,508 | 70,756 | 1,02,59,620 |
| Provisions | 60,583 | 47,322 | 107,905 | 1,67,25,275 | 107,905 | 1,67,25,275 | 34,675 | 8,628 | 43,303 | 67,11,965 |
| Salt | 9,660 | 6,470 | 16,130 | 8,54,890 | 16,130 | 8,54,890 | 6,109 | 2,289 | 8,398 | 4,45,094 |
| Spices | 3,364 | 1,636 | 5,000 | 82,05,000 | 5,000 | 82,05,000 | 17 | 24 | 41 | 67,281 |
| Sugar and jaggery | 2,566 | 6,250 | 8,816 | 13,40,998 | 8,816 | 13,40,998 | 4,120 | 1,293 | 5,413 | 8,72,744 |
| Tobacco | 1,785 | 2,820 | 4,605 | 32,45,204 | 4,605 | 32,45,204 | 1,105 | 1,174 | 2,279 | 14,02,992 |
| Building materials | 120,313 | 235,143 | 355,456 | 4,75,122 | 61,124 | 1,70,091 | 32,287 | 322,149 | 354,436 | 4,78,552 |
| Miscellaneous goods | 32,882 | 23,878 | 56,760 | 53,09,468 | 56,760 | 53,09,468 | 16,081 | 66,349 | 82,430 | 42,14,422 |
| Timber | 2,039 | 9,089 | 11,128 | 16,35,816 | 11,128 | 16,35,816 | 6,819 | 2,084 | 8,903 | 13,08,741 |
| Firewood | 34,213 | 8,490 | 42,703 | 4,69,733 | 42,703 | 4,69,733 | 23,912 | 688 | 24,600 | 2,70,600 |
| Bamboos | 75 | 24,581 | 24,656 | 11,83,488 | 24,656 | 11,83,488 | 18,313 | 5,360 | 23,673 | 11,36,304 |
| Coal and coke | 286 | 394 | 680 | 25,840 | 680 | 25,840 | 252 | 1,256 | 1,508 | 57,304 |
| Jute | .. | 3,373 | 3,373 | 6,67,854 | 3,373 | 6,67,854 | 12 | 51 | 63 | 12,474 |
| Treasure | .. | .. | .. | 76,000 | .. | .. | .. | .. | .. | .. |
| Kerosene oil | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Cotton seeds | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Poles | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Scantlings | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Total, Boat traffic | 378,404 | 477,235 | 855,639 | 6,70,47,621 | 561,307 | 6,66,66,590 | 293,854 | 492,323 | 786,177 | 4,08,62,930 |
| *Raft traffic.* | | | | | | | | | | |
| Timber in logs | 51 | 32,740 | 32,791 | 49,51,441 | 32,791 | 49,51,441 | 435 | 1,683 | 2,118 | 3,19,818 |
| Squared timber | .. | 360 | 360 | 71,640 | 360 | 71,640 | 23 | 305 | 328 | 65,272 |
| Sleepers, broad gauge | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Do. metre gauge | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Scantlings | 46 | 1,558 | 1,604 | 3,70,524 | 1,604 | 3,70,524 | .. | .. | .. | .. |
| Poles | .. | 10 | 10 | 1,120 | 10 | 1,120 | .. | .. | .. | .. |
| Firewood | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Bamboos and reeds | 63 | 40,187 | 40,250 | 17,30,750 | 40,250 | 17,30,750 | 449 | 1,111 | 1,560 | 67,080 |
| Total, Raft traffic | 160 | 74,855 | 75,015 | 71,25,475 | 75,015 | 71,25,475 | 907 | 3,099 | 4,006 | 4,52,170 |
| Grand total | 378,564 | 552,090 | 930,654 | 7,41,73,096 | 636,322 | 7,37,92,065 | 294,761 | 495,422 | 790,183 | 4,13,15,100 |

## D-II.—Description and quantities of goods, etc., carried on the principal canals in the Madras Presidency during the year 1934–35—*cont.*

| Description. | Kistna canals—*cont.* Private. Quantity. (12) | Kistna canals—*cont.* Private. Value. (13) | Kurnool-Cuddapah canal. Total, Government and private. Quantity. Up. (14) | Down. (15) | Total. (16) | Value. (17) | Private. Quantity. (18) | Private. Value. (19) |
|---|---|---|---|---|---|---|---|---|
| | TONS. | RS. | | | | | | |
| *Boat traffic.* | | | | | | | | |
| Cotton, raw and manufactured | 1,112 | 7,06,094 | .. | .. | .. | .. | .. | |
| Woollen goods | 15 | 15,630 | .. | .. | .. | .. | .. | .. |
| Dyes and tans | 229 | 2,34,644 | .. | .. | .. | .. | .. | .. |
| Rice and paddy | 129,583 | 83,13,971 | .. | .. | .. | .. | .. | .. |
| Other food-grains | 22,602 | 19,43,772 | .. | .. | .. | .. | .. | .. |
| Hides and skins | 498 | 2,13,832 | .. | .. | .. | .. | .. | .. |
| Liquors | .. | .. | .. | .. | .. | .. | .. | .. |
| Metals | 1,957 | 3,33,346 | .. | .. | .. | .. | .. | .. |
| Oils | 4,371 | 18,62,046 | .. | .. | .. | .. | .. | .. |
| Oil-seeds | 70,756 | 1,02,59,620 | .. | .. | .. | .. | .. | .. |
| Provisions | 43,303 | 67,11,965 | .. | .. | .. | .. | .. | .. |
| Salt | 8,398 | 4,45,094 | .. | .. | .. | .. | .. | .. |
| Spices | 41 | 67,281 | .. | .. | .. | .. | .. | .. |
| Sugar and jaggery | 5,413 | 8,72,744 | .. | .. | .. | .. | .. | .. |
| Tobacco | 2,279 | 14,02,992 | .. | .. | .. | .. | .. | .. |
| Building materials | 318,501 | 4,60,458 | .. | .. | .. | .. | .. | .. |
| Miscellaneous goods | 82,430 | 42,14,422 | .. | .. | .. | .. | .. | .. |
| Timber | 8,903 | 13,08,741 | .. | .. | .. | .. | .. | .. |
| Firewood | 24,600 | 2,70,600 | .. | .. | .. | .. | .. | .. |
| Bamboos | 23,673 | 11,36,304 | .. | .. | .. | .. | .. | .. |
| Coal and coke | 1,508 | 57,304 | .. | .. | .. | .. | .. | .. |
| Jute | 63 | 12,474 | .. | .. | .. | .. | .. | .. |
| Treasure | .. | .. | .. | .. | .. | .. | .. | .. |
| Kerosene oil | .. | .. | .. | .. | .. | .. | .. | .. |
| Cotton seeds | .. | .. | .. | .. | .. | .. | .. | .. |
| Poles | .. | .. | .. | .. | .. | .. | .. | .. |
| Scantlings | .. | .. | .. | .. | .. | .. | .. | .. |
| Total, Boat traffic | 750,235 | 4,08,43,334 | .. | .. | .. | .. | .. | .. |
| *Raft traffic.* | | | | | | | | |
| Timber in logs | 2,118 | 3,19,818 | .. | .. | .. | .. | .. | |
| Squared timber | 328 | 65,272 | .. | .. | .. | .. | .. | .. |
| Sleepers, broad gauge | .. | .. | .. | .. | .. | .. | .. | .. |
| Do. metre gauge | .. | .. | .. | .. | .. | .. | .. | .. |
| Scantlings | .. | .. | .. | .. | .. | .. | .. | .. |
| Poles | .. | .. | .. | .. | .. | .. | .. | .. |
| Firewood | .. | .. | .. | .. | .. | .. | .. | .. |
| Bamboos and reeds | 1,560 | 67,080 | .. | .. | .. | .. | .. | .. |
| Total, Raft traffic | 4,006 | 4,52,170 | .. | .. | .. | .. | .. | .. |
| Grand total | 754,241 | 4,12,95,504 | .. | .. | .. | .. | .. | .. |



## D-II.—Description and quantities of goods, etc., carried on the principal canals in the Madras Presidency during the year 1934–35—*cont.*

| Description. | Buckingham canal. Total, Government and private. Quantity. Up. (20) | Down. (21) | Total. (22) | Value. (23) | Private. Quantity. (24) | Private. Value. (25) | West Coast canals. Total, Government and private. Quantity. Up. (26) | Down. (27) | Total. (28) | Value. (29) | Private. Quantity. (30) | Private. Value. (31) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | TONS. | TONS. | TONS. | RS. | TONS. | RS. | | | | | | |
| *Boat traffic.* | | | | | | | | | | | | |
| Cotton, raw and manufactured | .. | 11 | 11 | 20,571 | 11 | 20,571 | .. | .. | .. | .. | .. | .. |
| Woollen goods | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Dyes and tans | 4 | .. | 4 | 6,964 | 4 | 6,964 | .. | .. | .. | .. | .. | .. |
| Rice and paddy | 7,654½ | 7,109½ | 14,764 | 12,93,296 | 14,764 | 12,93,296 | .. | .. | .. | .. | .. | .. |
| Other food-grains | 1,953 | 1,308 | 3,261 | 278,865 | 3,261 | 2,78,865 | .. | .. | .. | .. | .. | .. |
| Hides and skins | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Liquors | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Metals | 25 | 1,648½ | 1,673½ | 2,36,541 | 1,673½ | 2,36,541 | .. | .. | .. | .. | .. | .. |
| Oils | 1 | 266½ | 267½ | 1,13,955 | 267½ | 1,13,955 | .. | .. | .. | .. | .. | .. |
| Oil-seeds | 772 | 492 | 1,264 | 1,83,280 | 1,264 | 1,83,280 | .. | .. | .. | .. | .. | .. |
| Provisions | 3,956 | 8,559½ | 12,515½ | 19,39,903 | 12,515½ | 19,39,903 | .. | .. | .. | .. | .. | .. |
| Salt | 13,924 | 1,368 | 15,292 | 8,10,476 | 15,292 | 8,10,476 | .. | .. | .. | .. | .. | .. |
| Spices | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Sugar and jaggery | 5 | 321¼ | 326¼ | 86,725 | 326¼ | 86,725 | .. | .. | .. | .. | .. | .. |
| Tobacco | 455 | 338 | 793 | 5,09,438 | 793 | 5,09,438 | .. | .. | .. | .. | .. | .. |
| Building materials | 42,382½ | 1,366¾ | 43,749 | 15,13,838 | 43,749 | 15,13,838 | .. | .. | .. | .. | .. | .. |
| Miscellaneous goods | 2,694 | 588¾ | 3,282¾ | 2,74,164 | 3,282¾ | 2,74,164 | .. | .. | .. | .. | .. | .. |
| Timber | 1 | 2,229½ | 2,230½ | 3,27,884 | 2,230½ | 3,27,884 | .. | .. | .. | .. | .. | .. |
| Firewood | 93,925¼ | 6,757½ | 100,682¾ | 11,07,510 | 100,682¾ | 11,07,510 | .. | .. | .. | .. | .. | .. |
| Bamboos | 1 | 706 | 707 | 33,936 | 707 | 33,936 | .. | .. | .. | .. | .. | .. |
| Coal and coke | 16 | 1½ | 17½ | 1,497 | 17½ | 1,497 | .. | .. | .. | .. | .. | .. |
| Jute | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Treasure | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Kerosene oil | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Cotton seeds | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Poles | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Scantlings | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Total, Boat traffic | 167,769 | 33,072¼ | 200,841¼ | 87,38,843 | 200,841¼ | 87,38,843 | .. | .. | .. | .. | .. | .. |
| *Raft traffic.* | | | | | | | | | | | | |
| Timber in logs | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Squared timber | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Sleepers, broad gauge. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Do. metre gauge. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Scantlings | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Poles | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Firewood | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Bamboos and reeds | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Total, Raft traffic | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Grand total | 167,769 | 33,072¼ | 200,841¼ | 87,38,843 | 200,841¼ | 87,38,843 | .. | .. | .. | .. | .. | .. |

## D-I .—Description and quantities of goods, etc., carried on the principal canals in the Madras Presidency during the year 1934–35—*cont.*

| Description. | Dummagudem canal. Total, Government and private. Quantity. Up. (32) | Down. (33) | Total. (34) | Value. (35) | Private. Quantity. (36) | Value. (37) | Vedaranniyam canal. Total, Government and private. Quantity. Up. (38) | Down. (39) | Total. (40) | Value. (41) | Private. Quantity. (42) | Value. (43) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| *Boat traffic.* | TONS. | TONS. | TONS. | RS. | TONS. | RS. | TONS. | TONS. | TONS. | RS. | TONS. | RS. |
| Cotton, raw and manufactured | .. | .. | .. | .. | .. | .. | 3 | .. | 3 | 1,536 | 3 | 1,536 |
| Woollen goods | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Dyes and tans | .. | 87 | 87 | 85,086 | 87 | 85,086 | .. | .. | .. | .. | .. | .. |
| Rice and paddy | 55 | 4½ | 59½ | 5,811½ | 59½ | 5,811½ | 77 | 132 | 209 | 15,301 | 209 | 15,301 |
| Other food-grains | .. | 262½ | 262½ | 22,575 | 262½ | 22,575 | 228 | .. | 228 | 19,608 | 228 | 19,608 |
| Hides and skins | .. | 6 | 6 | 2,316 | 6 | 2,316 | .. | .. | .. | .. | .. | .. |
| Liquors | 4½ | .. | 4½ | 8,374½ | 4½ | 8,374½ | .. | .. | .. | .. | .. | .. |
| Metals | 4 | .. | 4 | 520 | 4 | 520 | .. | .. | .. | .. | .. | .. |
| Oils | 27½ | 4 | 31½ | 13,419 | 31½ | 13,419 | .. | .. | .. | .. | .. | .. |
| Oil-seeds | .. | 236½ | 236½ | 34,292½ | 236½ | 34,292½ | 250 | 24 | 274 | 39,730 | 274 | 39,730 |
| Provisions | 20½ | 50½ | 71 | 11,005 | 71 | 11,005 | 223 | 27 | 250 | 38,750 | 250 | 38,750 |
| Salt | 547 | .. | 547 | 28,991 | 547 | 28,991 | 1 | 50 | 51 | 2,703 | 51 | 2,703 |
| Spices | .. | .. | .. | .. | .. | .. | 181 | 7 | 188 | 3,08,508 | 188 | 3,08,508 |
| Sugar and jaggery | 25 | .. | 25 | 3,363 | 25 | 3,363 | 109 | .. | 109 | 19,627 | 109 | 19,627 |
| Tobacco | .. | 662½ | 662½ | 3,72,325 | 662½ | 3,72,325 | .. | 120 | 120 | 67,440 | 120 | 67,440 |
| Building materials | 1 | .. | 1 | 40 | ½ | 14 | 4 | 12 | 16 | 451 | 16 | 451 |
| Miscellaneous goods | 139½ | 39½ | 179 | 20,636 | 178½ | 20,236½ | 737 | 218 | 955 | 18,132 | 955 | 18,132 |
| Timber | .. | 14 | 14 | 2,058 | 14 | 2,058 | 4 | .. | 4 | 588 | 4 | 588 |
| Firewood | .. | .. | .. | .. | .. | .. | .. | 2,675 | 2,675 | 29,425 | 2,675 | 29,425 |
| Bamboos | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Coal and coke | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Jute | .. | .. | .. | .. | .. | .. | .. | 2 | 2 | 396 | 2 | 396 |
| Treasure | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Kerosene oil | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Cotton seeds | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Poles | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Scantlings | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Total, Boat traffic | 824 | 1,367 | 2,191 | 6,10,813 | 2,190 | 6,10,387 | 1,817 | 3,267 | 5,084 | 5,62,195 | 5,084 | 5,62,195 |
| *Raft traffic.* | | | | | | | | | | | | |
| Timber in logs | .. | 8,500 | 8,500 | 12,83,500 | 8,500 | 12,83,500 | .. | .. | .. | .. | .. | .. |
| Squared timber | .. | 4,040 | 4,040 | 8,03,960 | 4,040 | 8,03,960 | .. | .. | .. | .. | .. | .. |
| Sleepers, broad gauge. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Do. metre gauge. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Scantlings | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Poles | .. | 1,237 | 1,237 | 1,38,544 | 1,237 | 1,38,544 | .. | .. | .. | .. | .. | .. |
| Firewood | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Bamboos and reeds | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Total, Raft traffic | .. | 13,777 | 13,777 | 22,26,004 | 13,777 | 22,26,004 | .. | .. | .. | .. | .. | .. |
| Grand total | 824 | 15,144 | 15,968 | 28,36,817 | 15,967 | 28,36,391 | 1,817 | 3,267 | 5,084 | 5,62,195 | 5,084 | 5,62,195 |



## 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 1934–35.

| Name of canal. | First crop. Flow. | First crop. Lift. | Second crop. Flow. | Second crop. Lift. | Total. | Both seasons. | Percentage of double cropped area [columns (4) + (5)] on the first-crop area [columns (2) + (3)]. |
|---|---|---|---|---|---|---|---|
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) |
| | ACS. | ACS. | ACS. | ACS. | ACS. | ACS. | |
| *Productive.* | | | | | | | |
| Ganjam minor rivers system | 63,887 | 1,812 | 3,041 | 947 | 69,687 | 140 | 6·07 |
| Godavari delta system | 790,532 | 13,841 | 243,059 | 5,108 | 1,052,540 | 13,913 | 30·85 |
| Kistna delta system | 799,075 | 11,268 | 1,409 | 240 | 811,992 | 9,272 | 0·20 |
| Divi pumping system | 40,515 | 71 | .. | 2 | 40,588 | 4 | 0·004 |
| Pennar river canals system | 155,913 | 5,825 | 7,781 | 241 | 169,760 | 3,371 | 4·96 |
| Arkenkota channel | 4,601 | 170 | 509 | 10 | 5,290 | 5 | 10·88 |
| Thadapalli channel | 14,782 | 353 | 1,618 | 148 | 16,901 | 645 | 11·67 |
| Kalingaroyan channel | 9,465 | 2,960 | 8,321 | 1,680 | 22,426 | 2,345 | 80·49 |
| Chembarambakkam tank | 12,743 | 450 | 2,382 | 186 | 15,761 | 594 | 19·46 |
| Poiney anicut system | 20,987 | 712 | 5,099 | 67 | 26,865 | 114 | 23·81 |
| Cheyyar anicut system | 21,042 | 471 | 10,452 | 205 | 32,170 | 173 | 49·54 |
| Tirukkoyilur anicut system | 26,824 | 1,018 | 4,117 | 152 | 32,111 | 912 | 15·33 |
| Shatiatope anicut system | 33,737 | 705 | 9,355 | 487 | 44,284 | 25 | 28·58 |
| Mehamattur anicut system | 4,443 | 541 | 407 | 94 | 5,485 | 68 | 10·05 |
| Vriddhachalam anicut system | 8,646 | 110 | 805 | 33 | 9,594 | 41 | 9·57 |
| Toludur (Willingdon) reservoir | 15,705 | 601 | 3,157 | 18 | 19,481 | 469 | 19·47 |
| Lower Coleroon anicut system | 108,848 | 2,074 | 9,387 | 380 | 120,689 | 574 | 8·81 |
| Cauvery delta system | 845,623 | 22,712 | 91,141 | 3,249 | 962,725 | 15,787 | 10·87 |
| Nandiyar channel system | 6,234 | 806 | 2,321 | 304 | 9,665 | 484 | 37·29 |
| Periyar system | 131,151 | 769 | 41,428 | 796 | 174,144 | 2,528 | 32·01 |
| Srivaikuntam anicut system | 23,448 | 2,072 | 13,106 | 445 | 39,071 | 1,284 | 53·10 |
| Marudur anicut system | 17,277 | 198 | 12,916 | 43 | 30,434 | 679 | 74·16 |
| Cumbum tank | 5,430 | 162 | 4,014 | 83 | 9,719 | 345 | 73·80 |
| Kattalai south bank canal | 34,879 | 1,969 | 8,395 | 764 | 46,007 | 4,077 | 24·86 |
| Polavaram Island project | 10,991 | 70 | 8,484 | 112 | 19,657 | 19 | 77·71 |
| Cauvery-Mettur Project | 101,105 | 1,194 | 3,662 | 32 | 105,993 | 139 | 3·61 |
| *Unproductive.* | | | | | | | |
| Rushikulya system | 108,416 | 2,432 | 644 | 341 | 111,833 | 458 | 0·89 |
| Nagavalli river system | 26,960 | 187 | 5,659 | 16 | 32,822 | 88 | 20·90 |
| Muniyeru anicut | 8,778 | 129 | 301 | .. | 9,408 | .. | 3·31 |
| Jangamaheswarapuram tank | 421 | .. | .. | .. | 421 | .. | .. |
| Atmakur tank | 483 | 2 | 1 | .. | 486 | .. | 0·21 |
| Bhavanasi tank | 453 | .. | 56 | .. | 509 | 475 | 12·36 |
| Dondapad tank | 144 | .. | 34 | .. | 178 | .. | 23·61 |
| Mopad reservoir | 4,007 | 4 | 460 | 2 | 4,473 | 2 | 11·52 |
| Hajipuram tank | 713 | .. | 224 | .. | 937 | .. | 31·42 |

## 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 1934–35—*cont.*

| Name of canal. | First crop. Flow. | First crop. Lift. | Second crop. Flow. | Second crop. Lift. | Total. | Both seasons. | Percentage of double cropped area [columns (4) + (5)] on the first-crop area [columns (2) + (3)]. |
|---|---|---|---|---|---|---|---|
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) |
| | ACS. | ACS. | ACS. | ACS. | ACS. | ACS. | |
| *Unproductive*—cont. | | | | | | | |
| Ponnalur tank | 762 | 1 | | .. | 769 | 1 | 0·79 |
| Anamasamudram-Beraperu tank | 1,000 | 3 | .. | .. | 1,003 | .. | .. |
| Yerur tank | 298 | 26 | .. | .. | 324 | .. | .. |
| Sagileru system | 3,980 | 112 | 1,580 | 208 | 5,880 | 92 | 43·70 |
| Markapur tank | 1,436 | 1 | 298 | .. | 1,735 | 2 | 20·74 |
| Yellanur tank | 551 | .. | .. | .. | 551 | 1 | .. |
| Siddapur tank | 726 | .. | 10 | .. | 736 | .. | 1·38 |
| Nagavaram anicut and supply channel | 591 | 10 | 424 | 3 | 1,028 | 54 | 71·05 |
| Venkatapuram tank | 301 | 68 | 4 | .. | 373 | .. | 1·08 |
| Kurnool-Cuddapah canal | 80,267 | 738 | 13,272 | 155 | 94,432 | 2,831 | 16·58 |
| Barur tank | 3,591 | 18 | 1,261 | 9 | 4,879 | 417 | 35·19 |
| Madras water-supply and irrigation system | 7,051 | 380 | 3,485 | 164 | 11,080 | 251 | 49·11 |
| Kaniyampalayam anicut system | 208 | .. | .. | .. | 208 | .. | .. |
| Vallur anicut system | 4,715 | 354 | 152 | 25 | 5,246 | 137 | 3·51 |
| Palar anicut system | 74,279 | 2,438 | 18,789 | 932 | 96,438 | 840 | 25·71 |
| Pelandorai anicut system | 12,303 | 326 | 620 | 46 | 13,295 | 96 | 5·27 |
| Panjapatti reservoir | .. | .. | .. | .. | .. | .. | .. |

| | 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. |
| Cauvery delta | 1st June to 31st October | 1st November to end of February. |
| Srivaikuntam anicut | 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 second 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 | 25th 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. |

Area entered in column (7) both seasons are for lands bearing such crops as betel, sugarcane, which require irrigation for the greater part of the year. This is included in the areas of first and second crop.

## 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 1934–35.

| Name of canal. | Average discharge of the year at canal head in cubic feet per second. | Water assessed, 1934–35. Total, direct. | Water assessed, 1934–35. Indirect. | Water assessed, 1934–35. Total of direct and indirect. | Gross and assessed revenue from all sources. | Working expenses, direct and indirect. | Area charged as irrigated during the years 1934–35, first and second crops. | Working expenses. Per cent on gross revenue. | Working expenses. Per acre irrigated. | Total water-rate, direct and indirect. Per acre irrigated. |
|---|---|---|---|---|---|---|---|---|---|---|
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (11) |
| | | RS. | RS. | RS. | RS. | RS. | ACS. | | | |
| *Productive.* | | | | | | | | | | |
| Ganjam minor river system | .. | 1,49,853 | 7,874 | 1,57,727 | 1,57,729 | 66,143 | 69,687 | 41·93 | 0·95 | 2·26 |
| Godavari delta system | 9,410 | 49,88,534 | 2,28,484 | 52,17,018 | 54,56,343 | 14,68,453 | 1,052,540 | 26·91 | 1·40 | 4·96 |
| Kistna do. | 6,691 | 44,28,274 | 1,88,653 | 46,16,927 | 47,72,658 | 11,41,685 | 811,992 | 23·92 | 1·41 | 5·69 |
| Divi pumping system | .. | 2,20,783 | 87,205 | 3,07,988 | 3,12,920 | 1,54,788 | 40,588 | 49·47 | 3·81 | 7·59 |
| Pennar river canals system | .. | 7,61,343 | 67,705 | 8,29,048 | 8,31,975 | 2,98,035 | 169,760 | 35·82 | 1·76 | 4·88 |
| Arkenkota channel | 157 | 38,467 | 428 | 38,895 | 39,134 | 9,154 | 5,290 | 23·39 | 1·73 | 7·35 |
| Tadapalli channel | 346 | 1,35,227 | 2,929 | 1,38,156 | 1,39,604 | 26,204 | 16,901 | 18·77 | 1·55 | 8·17 |
| Kalingarayan channel | 517 | 1,43,519 | 483 | 1,44,002 | 1,45,431 | 23,504 | 22,426 | 16·16 | 1·05 | 6·42 |
| Chembrambakkam tank | .. | 53,592 | 957 | 54,549 | 54,704 | 22,308 | 15,761 | 40·78 | 1·42 | 3·46 |
| Poiney anicut system | .. | 99,959 | 5,467 | 1,05,426 | 1,06,597 | 40,061 | 26,865 | 37·58 | 1·49 | 3·92 |
| Cheyyar do. | .. | 1,01,986 | 4,735 | 1,06,721 | 1,08,210 | 51,049 | 32,170 | 47·18 | 1·59 | 3·32 |
| Tirukkoyilur anicut system | .. | 1,38,695 | 3,369 | 1,42,064 | 1,42,447 | 28,062 | 32,111 | 19·70 | 0·87 | 4·42 |
| Shatiatope do. | .. | 1,77,265 | 17,031 | 1,94,296 | 1,94,556 | 41,547 | 44,284 | 21·35 | 0·94 | 4·39 |
| Mehamattur do. | .. | 26,779 | 196 | 26,975 | 27,465 | 8,002 | 5,485 | 29·14 | 1·46 | 4·92 |
| Vriddhachalam do. | .. | 41,881 | 339 | 42,220 | 41,976 | 14,680 | 9,594 | 34·97 | 1·53 | 4·40 |
| Toludur (Willingdon) reservoir | .. | 1,17,180 | 448 | 1,17,628 | 1,17,857 | 40,217 | 19,481 | 34·12 | 2·06 | 6·04 |
| Lower Coleroon anicut system | .. | 5,81,241 | 51,515 | 6,32,756 | 6,36,271 | 1,97,160 | 120,689 | 30·99 | 1·63 | 5·24 |
| Cauvery delta system | 6,269 | 54,86,944 | 1,24,043 | 56,10,987 | 56,19,295 | 10,41,896 | 962,725 | 18·54 | 1·08 | 5·83 |
| Nandyar channel system | 100 | 30,592 | 243 | 30,835 | 30,954 | 19,525 | 9,665 | 63·08 | 2·02 | 3·19 |
| Periyar system | .. | 9,56,575 | 94,826 | 10,51,401 | 10,61,591 | 2,66,703 | 174,144 | 25·12 | 1·53 | 6·04 |
| Srivaikuntam anicut system | .. | 2,24,179 | 1,490 | 2,25,669 | 2,32,443 | 1,92,321 | 39,071 | 82·74 | 4·92 | 5·78 |
| Marudur anicut system | .. | 2,07,466 | 279 | 2,07,745 | 2,10,765 | 36,604 | 30,434 | 17·37 | 1·20 | 6·83 |
| Cumbum tank | .. | 39,447 | 461 | 39,908 | 39,908 | 2,159 | 9,719 | 5·41 | 0·22 | 4·11 |
| Kattalai south bank canal | 751 | 3,16,237 | 121 | 3,16,358 | 3,18,839 | 88,413 | 46,007 | 27·73 | 1·92 | 6·88 |
| Polavaram Island project | .. | 1,14,088 | .. | 1,14,088 | 1,14,601 | 13,241 | 19,657 | 11·55 | 0·67 | 5·80 |
| Cauvery-Mettur Project | .. | 9,53,413 | .. | 9,53,413 | 9,68,483 | 2,72,488 | 105,993 | 28·14 | 2·57 | 9·00 |
| *Unproductive.* | | | | | | | | | | |
| Rushikulya system | .. | 2,60,745 | 6,220 | 2,66,965 | 2,69,809 | 1,81,817 | 111,833 | 67·39 | 1·63 | 2·39 |
| Nagavalli river system | 241 | 1,13,867 | 21,450 | 1,35,317 | 1,35,902 | 33,476 | 32,822 | 24·63 | 1·02 | 4·12 |
| Muniyeru system | .. | 49,503 | 60 | 49,563 | 50,230 | 17,411 | 9,408 | 34·66 | 1·85 | 5·27 |
| Jangamaheswarapuram tank | .. | 708 | .. | 708 | 1,002 | 50 | 421 | 4·99 | 0·12 | 1·68 |

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 1934–35—*cont.*

| Name of canal. | Average discharge of the year at canal head in cubic feet per second. | Water assessed, 1934–35. Total, direct. | Indirect. | Total of direct and indirect. | Gross and assessed revenue from all sources. | Working expenses, direct and indirect. | Area charged as irrigated during the years 1934–35, first and second crops. | Working expenses. Per cent on gross revenue. | Per acre irrigated. | Total water-rate, direct and indirect. Per acre irrigated. |
|---|---|---|---|---|---|---|---|---|---|---|
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (11) |
| | | RS. | RS. | RS. | RS. | RS. | ACS. | | | |
| *Unproductive*—cont. | | | | | | | | | | |
| Atmakur tank .. .. .. .. .. | .. | 1,991 | .. | 1,991 | 2,011 | 3,663 | 486 | 182·15 | 7·54 | 4·10 |
| Bhavanasi tank .. .. .. .. | .. | 4,610 | .. | 4,610 | 4,743 | 7,817 | 509 | 164·81 | 15·38 | 9·06 |
| Dondapad tank .. .. .. .. | .. | 660 | 10 | 670 | 673 | 47 | 178 | 6·98 | 0·26 | 3·76 |
| Mopad reservoir .. .. .. .. | .. | 30,247 | 5,140 | 35,387 | 35,505 | 12,744 | 4,473 | 35·89 | 2·85 | 7·91 |
| Hajipuram tank .. .. .. .. | .. | 3,641 | 15 | 3,656 | 3,656 | 2,200 | 937 | 60·18 | 2·34 | 3·90 |
| Ponnalur tank .. .. .. .. | .. | 4,323 | .. | 4,323 | 4,323 | 10,922 | 769 | 252·65 | 14·20 | 5·62 |
| Annamasamudram-Beraperu tank .. | .. | 3,997 | 1 | 3,998 | 3,998 | 1,253 | 1,003 | 31·34 | 1·25 | 3·99 |
| Yerur tank .. .. .. .. .. | .. | 219 | 86 | 305 | 305 | 146 | 324 | 47·87 | 0·45 | 0·94 |
| Sagileru system .. .. .. .. | .. | 24,489 | 26 | 24,515 | 24,590 | 4,758 | 5,880 | 19·35 | 0·81 | 4·17 |
| Markapur tank .. .. .. .. .. | .. | 6,174 | 1 | 6,175 | 6,175 | 6,983 | 1,735 | 113·09 | 4·02 | 3·56 |
| Yellanur tank .. .. .. .. .. | .. | 688 | 1,104 | 1,792 | 1,792 | 1,953 | 551 | 108·93 | 3·54 | 3·25 |
| Siddhapur tank .. .. .. .. | .. | 6,035 | .. | 6,035 | 6,035 | 916 | 736 | 15·18 | 1·24 | 8·20 |
| Nagavaram anicut and supply channel. | .. | 4,136 | 146 | 4,282 | 4,283 | 300 | 1,028 | 7·00 | 0·29 | 4·17 |
| Venkatapuram tank .. .. .. | .. | 1,603 | 38 | 1,641 | 1,641 | 569 | 373 | 34·67 | 1·53 | 4·34 |
| Kurnool-Cuddapah canal .. .. | .. | 3,64,686 | 2,869 | 3,67,555 | 3,76,418 | 1,40,407 | 94,432 | 37·30 | 1·49 | 3·89 |
| Barur tank .. .. .. .. .. | .. | 21,873 | 758 | 22,631 | 23,972 | 8,844 | 4,879 | 36·89 | 1·81 | 4·64 |
| Madras water-supply and irrigation system. | .. | 28,291 | 462 | 28,753 | 80,524 | 22,883 | 11,080 | 28·42 | 2·07 | 2·60 |
| Kanniyampalaiyam anicut .. .. | .. | .. | .. | .. | 4,000 | 2,479 | 208 | 61·98 | 11·92 | .. |
| Panjapatti reservoir .. .. .. | .. | .. | .. | .. | 152 | 359 | .. | 236·18 | .. | .. |
| Vallur anicut system .. .. .. | .. | 6,754 | 1,074 | 7,828 | 8,029 | 5,230 | 5,246 | 65·14 | 1·00 | 1·49 |
| Palar anicut system .. .. .. | .. | 2,71,442 | 16,843 | 2,88,285 | 2,89,225 | 1,31,231 | 96,438 | 45·37 | 1·36 | 2·99 |
| Pelandorai anicut system .. .. | .. | 58,900 | 86 | 58,986 | 59,076 | 28,120 | 13,295 | 47·56 | 2·11 | 4·44 |

E-III.—Statement showing the area actually irrigated by flow and lift under Productive and Unproductive Works and the value of crops raised thereon for fasli 1344 (1934–35).

E-III—Statement showing the area actually irrigated by flow and lift under Productive and Unproductive Works and the value of crops raised thereon for Fasli 1344 (1934–35).

| Names of systems. | Area actually irrigated. First crop. Flow. | Area actually irrigated. First crop. Lift. | Area actually irrigated. Second crop. Flow. | Area actually irrigated. Second crop. Lift. | Area actually irrigated. Total. | Area actually irrigated. Both seasons. | Value of crops. Paddy. Area irrigated. | Value of crops. Paddy. Estimated value. | Value of crops. Ragi. Area irrigated. | Value of crops. Ragi. Estimated value. | Value of crops. Other crops. Area irrigated. | Value of crops. Other crops. Estimated value. | Value of crops. Total. Area irrigated. | Value of crops. Total. Estimated value. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (11) | (12) | (13) | (14) | (15) |
| | ACS. | ACS. | ACS. | ACS. | ACS. | ACS. | ACS. | RS. | ACS. | RS. | ACS. | RS. | ACS. | RS. |
| (i) PRODUCTIVE WORKS. | | | | | | | | | | | | | | |
| GANJAM DISTRICT. | | | | | | | | | | | | | | |
| Ganjam minor rivers system .. | 62,640 | 1,812 | 3,029 | 947 | 68,428 | 140 | 63,954 | 19,73,578 | 3,120 | 1,16,362 | 1,354 | 6,060 | 68,428 | 20,96,000 |
| EAST GODAVARI DISTRICT. | | | | | | | | | | | | | | |
| Polavaram Island system .. | 10,991 | 70 | 8,484 | 112 | 19,657 | 19 | 19,260 | 10,61,718 | .. | .. | 397 | 3,878 | 19,657 | 10,65,596 |
| Godavari delta system .. .. | 357,800 | 4,591 | 103,426 | 2,202 | 468,019 | 8,094 | 420,428 | 2,22,61,920 | 154 | 3,588 | 43,514 | 30,09,519 | 464,096 | 2,52,75,027 |
| WEST GODAVARI DISTRICT. | | | | | | | | | | | | | | |
| Godavari delta system .. .. | 405,993 | 9,250 | 139,047 | 2,906 | 557,196 | 5,819 | 509,983 | 2,50,28,130 | 367 | 5,960 | 45,989 | 6,13,844 | 556,339 | 2,56,47,934 |
| KISTNA DISTRICT. | | | | | | | | | | | | | | |
| Godavari delta system .. .. | 994 | .. | 123 | .. | 1,117 | .. | 1,117 | 28,034 | .. | .. | .. | .. | 1,117 | 28,034 |
| Total .. | **764,787** | **13,841** | **242,598** | **5,108** | **1,026,332** | **13,913** | **931,528** | **4,73,18,084** | **521** | **9,548** | **89,503** | **36,23,363** | **1,021,552** | **5,09,50,995** |
| WEST GODAVARI DISTRICT. | | | | | | | | | | | | | | |
| Kistna delta system .. .. | 36,413 | 292 | 68 | 8 | 36,781 | 10 | 36,533 | 21,06,162 | .. | .. | 248 | 1,428 | 36,781 | 21,07,590 |
| KISTNA DISTRICT. | | | | | | | | | | | | | | |
| Kistna delta system .. .. | 417,926 | 5,217 | 608 | 163 | 423,914 | 3,653 | 416,349 | 2,26,87,603 | 247 | 7,046 | 6,879 | 2,31,249 | 423,475 | 2,29,25,898 |
| GUNTUR DISTRICT. | | | | | | | | | | | | | | |
| Kistna delta system .. .. | 327,124 | 5,759 | 725 | 69 | 333,677 | 5,609 | 325,533 | 1,68,43,269 | 66 | 2,393 | 7,436 | 4,89,719 | 333,035 | 1,73,35,381 |
| Total .. | **781,463** | **11,268** | **1,401** | **240** | **794,372** | **9,272** | **778,415** | **4,16,37,034** | **313** | **9,439** | **14,563** | **7,22,396** | **793,291** | **4,23,68,869** |
| KISTNA DISTRICT. | | | | | | | | | | | | | | |
| Divi pumping system .. .. | 40,351 | 71 | .. | 2 | 40,424 | 4 | 40,205 | 20,27,914 | 85 | 4,790 | 134 | 4,381 | 40,424 | 20,37,085 |
| NELLORE DISTRICT. | | | | | | | | | | | | | | |
| Pennar river canals system .. | 149,369 | 5,825 | 7,768 | 241 | 163,203 | 3,371 | 158,731 | 73,07,171 | 1,279 | 36,436 | 2,523 | 1,59,700 | 162,533 | 75,03,307 |
| COIMBATORE DISTRICT. | | | | | | | | | | | | | | |
| Arakkankottai channel .. .. | 4,584 | 170 | 509 | 10 | 5,273 | 5 | 5,107 | 3,85,640 | 17 | 1,059 | 59 | 3,500 | 5,273 | 3,90,199 |
| Tadepalli channel .. .. .. | 14,700 | 353 | 1,618 | 148 | 16,819 | 645 | 15,178 | 11,21,217 | 78 | 3,541 | 1,563 | 1,18,517 | 16,819 | 12,43,275 |
| Kalingaroyan channel .. .. | 9,323 | 2,960 | 8,321 | 1,680 | 22,284 | 2,345 | 15,000 | 9,17,901 | 1,203 | 78,729 | 6,081 | 4,97,579 | 22,284 | 14,94,209 |
| CHINGLEPUT DISTRICT. | | | | | | | | | | | | | | |
| Chembrambakkam tank .. .. | 12,107 | 450 | 2,343 | 186 | 15,086 | 594 | 12,688 | 5,50,975 | 667 | 20,570 | 1,641 | 1,31,469 | 14,996 | 7,03,014 |
| NORTH ARCOT DISTRICT. | | | | | | | | | | | | | | |
| Poiney anicut system .. .. | 17,893 | 704 | 4,944 | 66 | 23,607 | 108 | 17,344 | 9,40,175 | 3,154 | 1,22,739 | 2,935 | 13,072 | 23,433 | 10,75,986 |
| CHITTOOR DISTRICT. | | | | | | | | | | | | | | |
| Poiney anicut system .. .. | 1,363 | 8 | 155 | 1 | 1,527 | 6 | 1,002 | 60,292 | 153 | 8,526 | 361 | 3,618 | 1,516 | 72,436 |
| Total .. | **19,256** | **712** | **5,099** | **67** | **25,134** | **114** | **18,346** | **10,00,467** | **3,307** | **1,31,265** | **3,296** | **16,690** | **24,949** | **11,48,422** |
| NORTH ARCOT DISTRICT. | | | | | | | | | | | | | | |
| Cheyyar anicut system .. .. | 19,071 | 471 | 10,316 | 205 | 30,063 | 173 | 25,348 | 12,57,948 | 2,616 | 1,14,572 | 1,952 | 13,103 | 29,916 | 13,85,6'8 |
| CHINGLEPUT DISTRICT. | | | | | | | | | | | | | | |
| Cheyyar anicut system .. .. | 400 | .. | 136 | .. | 536 | .. | 468 | 22,096 | 31 | 1,076 | 27 | 52 | 526 | 23,224 |
| Total .. | **19,471** | **471** | **10,452** | **205** | **30,599** | **173** | **25,816** | **12,80,044** | **2,647** | **1,15,648** | **1,979** | **13,155** | **30,442** | **14,08,847** |
| SOUTH ARCOT DISTRICT | | | | | | | | | | | | | | |
| Vukkoyilur anicut system .. | 25,391 | 1,018 | 4,109 | 152 | 30,670 | 912 | 25,617 | 11,53,053 | 2,461 | 84,913 | 2,522 | 81,284 | 30,600 | 13,19,250 |
| Vilatope anicut system .. .. | 31,280 | 705 | 9,355 | 487 | 41,827 | 25 | 38,205 | 18,22,895 | 1,415 | 54,615 | 2,182 | 75,740 | 41,802 | 19,53,250 |
| Panamattur anicut system .. | 4,349 | 541 | 407 | 94 | 5,391 | 68 | 4,957 | 2,56,139 | 315 | 11,868 | 119 | 2,641 | 5,391 | 2,70,648 |
| Siddhachalam anicut system .. | 8,309 | 110 | 805 | 33 | 9,257 | 41 | 8,836 | 4,25,126 | 261 | 9,672 | 160 | 1,443 | 9,257 | 4,36,241 |
| Ellingdon Reservoir .. .. | 15,621 | 601 | 3,157 | 18 | 19,397 | 469 | 16,193 | 8,11,356 | 1,231 | 51,147 | 1,973 | 30,531 | 19,397 | 8,93,034 |
| Lower Coleroon anicut system .. | 84,216 | 814 | 7,420 | 182 | 92,632 | 393 | 90,445 | 41,74,186 | 836 | 13,703 | 1,825 | 57,650 | 92,066 | 42,45,539 |

## E-III—Statement showing the area actually irrigated by flow and lift raised thereon in 1

under Productive and Unproductive Works and the value of crops Fasli 1344 (1934-35)—*cont.*

| Names of systems. | Area actually irrigated. First crop. Flow. | First crop. Lift. | Second crop. Flow. | Second crop. Lift. | Total. | Both seasons. | Value of crops. Paddy. Area irrigated. | Paddy. Estimated value. | Ragi. Area irrigated. | Ragi. Estimated value. | Other crops. Area irrigated. | Other crops. Estimated value. | Total. Area irrigated. | Total. Estimated value. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (11) | (12) | (13) | (14) | (15) |
| (i) PRODUCTIVE WORKS—*cont.* | ACS. | ACS. | ACS. | ACS. | ACS. | ACS. | ACS. | RS. | ACS. | RS. | ACS. | RS. | ACS. | RS. |
| TANJORE DISTRICT. | | | | | | | | | | | | | | |
| Lower Coleroon anicut system .. | 21,786 | 1,260 | 1,967 | 198 | 25,211 | 181 | 24,438 | 11,69,325 | 121 | 5,789 | 651 | 72,806 | 25,210 | 12,47,920 |
| Total .. | **106,002** | **2,074** | **9,387** | **380** | **117,843** | 574 | **114,383** | **53,43,511** | **457** | **19,492** | **2,476** | **1,30,456** | **117,816** | **54,93,459** |
| TANJORE DISTRICT. | | | | | | | | | | | | | | |
| Cauvery delta system .. .. | 777,236 | 20,596 | 71,149 | 2,214 | 871,195 | 14,113 | 839,090 | 3,88,85,668 | 4,147 | 1,47,066 | 27,837 | 38,18,387 | 871,074 | 4,28,51,121 |
| TRICHINOPOLY DISTRICT. | | | | | | | | | | | | | | |
| Cauvery delta system .. .. | 40,519 | 2,160 | 19,009 | 1,038 | 62,726 | 1,732 | 59,451 | 39,27,283 | 507 | 23,709 | 2,768 | 2,35,323 | 62,726 | 41,86,315 |
| Total .. | **817,755** | **22,756** | **90,158** | **3,252** | **933,921** | **15,845** | **898,541** | **4,28,12,951** | **4,654** | **1,70,775** | **30,605** | **40,53,710** | **933,800** | **4,70,37,436** |
| TANJORE DISTRICT. | | | | | | | | | | | | | | |
| Cauvery-Mettur project .. .. | 97,997 | 1,194 | 3,662 | 32 | 102,885 | 139 | 99,369 | 38,97,718 | 861 | 24,909 | 2,597 | 76,036 | 102,827 | 39,98,663 |
| TRICHINOPOLY DISTRICT. | | | | | | | | | | | | | | |
| Nandiyar channel system .. .. | 6,035 | 806 | 2,321 | 304 | 9,466 | 484 | 7,396 | 3,90,510 | 467 | 15,750 | 1,602 | 71,924 | 9,465 | 4,78,184 |
| South Bank canal .. .. .. | 34,026 | 1,969 | 8,394 | 764 | 45,153 | 4,077 | 39,366 | 23,30,185 | 476 | 21,140 | 5,311 | 4,17,057 | 45,153 | 27,68,382 |
| MADURA DISTRICT. | | | | | | | | | | | | | | |
| Periyar system .. .. .. | 127,818 | 769 | 41,428 | 796 | 170,811 | 2,528 | 157,580 | 1,10,20,077 | 2,452 | 95,253 | 6,238 | 8,90,933 | 166,270 | 1,20,06,263 |
| RAMNAD DISTRICT. | | | | | | | | | | | | | | |
| Periyar system .. .. .. | 51 | .. | .. | .. | 51 | .. | 43 | 2,969 | .. | .. | .. | .. | 43 | 2,969 |
| Total .. | **127,869** | **769** | **41,428** | **796** | **170,862** | **2,528** | **157,623** | **1,10,23,046** | **2,452** | **95,253** | **6,238** | **8,90,933** | **166,313** | **1,20,09,232** |
| TINNEVELLY DISTRICT. | | | | | | | | | | | | | | |
| Srivaikuntam anicut system .. | 22,023 | 2,072 | 12,936 | 445 | 37,476 | 1,284 | 32,431 | 15,71,148 | 103 | 3,671 | 2,788 | 1,86,810 | 35,272 | 17,61,629 |
| Marudur anicut system .. .. | 16,794 | 198 | 12,916 | 43 | 29,951 | 679 | 25,374 | 14,55,939 | 165 | 5,624 | 1,916 | 1,68,669 | 27,455 | 16,30,232 |
| KURNOOL DISTRICT. | | | | | | | | | | | | | | |
| Cumbum tank .. .. .. | 5,288 | 162 | 4,044 | 83 | 9,577 | 345 | 8,092 | 4,67,761 | 172 | 6,957 | 1,318 | 31,097 | 9,577 | 5,05,815 |
| Total of Productive Works .. | **3,207,781** | **72,978** | **494,699** | **15,829** | **3,791,287** | **58,065** | **3,561,201** | **18,03,43,081** | **28,727** | **11,03,173** | **184,845** | **1,15,19,019** | **3,774,773** | **19,29,85,273** |
| (ii) UNPRODUCTIVE WORKS. | | | | | | | | | | | | | | |
| GANJAM DISTRICT. | | | | | | | | | | | | | | |
| Rushikulya system .. .. | 106,993 | 2,432 | 645 | 341 | 110,411 | 458 | 109,049 | 35,06,659 | 374 | 9,668 | 988 | 2,08,435 | 110,411 | 37,24,762 |
| VIZAGAPATAM DISTRICT. | | | | | | | | | | | | | | |
| Nagavalli river system .. .. | 25,916 | 187 | 5,659 | 16 | 31,778 | 88 | 26,323 | 9,90,758 | 336 | 9,956 | 5,117 | 72,718 | 31,776 | 10,73,432 |
| KISTNA DISTRICT. | | | | | | | | | | | | | | |
| Muniyeru Anicut system .. .. | 8,808 | 129 | 301 | .. | 9,238 | .. | 9,231 | 4,74,334 | 7 | 187 | .. | .. | 9,238 | 4,74,521 |
| GUNTUR DISTRICT. | | | | | | | | | | | | | | |
| Jangamaheswarapuram tank .. | 410 | .. | .. | .. | 410 | .. | 146 | 3,478 | .. | .. | 264 | 2,272 | 410 | 5,750 |
| Atmakur tank .. .. .. | 393 | 2 | 1 | .. | 396 | .. | 299 | 4,441 | .. | .. | 97 | 591 | 396 | 5,032 |
| Dondapad tank .. .. .. | 144 | .. | 34 | .. | 178 | .. | 138 | 10,755 | 40 | 3,754 | .. | .. | 178 | 14,509 |
| Bhavanasi tank .. .. .. | 450 | .. | 56 | .. | 506 | 47 | 441 | 26,662 | .. | .. | 65 | 260 | 506 | 26,922 |
| NELLORE DISTRICT. | | | | | | | | | | | | | | |
| Mopad project .. .. .. | 3,990 | 4 | 460 | 2 | 4,456 | 2 | 3,527 | 1,79,821 | 748 | 33,943 | 181 | 1,558 | 4,456 | 2,15,322 |
| Hajipuram tank .. .. .. | 608 | .. | 224 | .. | 832 | .. | 503 | 26,704 | 236 | 12,760 | 92 | 308 | 831 | 39,772 |
| Ponnalur tank .. .. .. | 521 | 1 | 6 | .. | 528 | 1 | 409 | 9,732 | .. | .. | 119 | 1,190 | 528 | 10,922 |
| Anamasamudram Biraperu tank .. | 944 | 3 | .. | .. | 947 | .. | 648 | 27,262 | 285 | 12,386 | 14 | 100 | 947 | 39,748 |
| Yerur tank .. .. .. .. | 216 | 26 | .. | .. | 242 | .. | 235 | 8,061 | 1 | .. | 4 | 40 | 240 | 8,121 |
| CUDDAPAH DISTRICT. | | | | | | | | | | | | | | |
| Sagileru system .. .. .. | 3,880 | 112 | 1,580 | 208 | 5,780 | 92 | 4,156 | 2,18,060 | 692 | 25,926 | 932 | 16,950 | 5,780 | 2,60,936 |
| Chepad channel .. .. .. | 9,437 | 8 | 1,370 | .. | 10,815 | 136 | 8,527 | 4,72,990 | 743 | 35,259 | 1,535 | 18,960 | 10,815 | 5,50,209 |
| Nagavaram anicut and supply channel. | 559 | 10 | 424 | 3 | 996 | 54 | 537 | 20,436 | 76 | 2,179 | 381 | 6,422 | 996 | 28,037 |

E-III.—Statement showing the area actually irrigated by flow and lift raised thereon for under Productive and Unproductive Works and the value of crops fasli 1344 (1934–35)—*cont.*

| Names of systems. | Area actually irrigated. First crop. Flow. | First crop. Lift. | Second crop. Flow. | Second crop. Lift. | Total. | Both seasons. | Value of crops. Paddy. Area irrigated. | Paddy. Estimated value. | Ragi. Area irrigated. | Ragi. Estimated value. | Other crops. Area irrigated. | Other crops. Estimated value. | Total. Area irrigated. | Total. Estimated value. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (11) | (12) | (13) | (14) | (15) |
| (ii) UNPRODUCTIVE WORKS —*cont.* | ACS. | ACS. | ACS. | ACS. | ACS. | ACS. | ACS. | RS. | ACS. | RS. | ACS. | RS. | ACS. | RS. |
| KURNOOL DISTRICT. | | | | | | | | | | | | | | |
| Markapur tank .. .. .. | 1,364 | 1 | 298 | .. | 1,663 | 2 | 1,380 | 64,028 | 114 | 4,900 | 169 | 1,450 | 1,663 | 70,378 |
| Siddhapur tank .. .. .. | 726 | .. | 10 | .. | 736 | .. | 677 | 1,663 | .. | .. | 59 | 895 | 736 | 2 558 |
| Venkatapuram tank .. .. | 294 | 68 | 4 | .. | 366 | .. | 315 | 13,919 | .. | .. | 46 | 454 | 361 | 14,373 |
| Kurnool-Cuddapah canal .. .. | 40,786 | 171 | 6,112 | 16 | 47,085 | 762 | 20,875 | 10,43,340 | 133 | 5,553 | 26,060 | 4,04,990 | 47,068 | 14,53,883 |
| CUDDAPAH DISTRICT. | | | | | | | | | | | | | | |
| Kurnool-Cuddapah canal .. | 29,030 | 559 | 5,780 | 139 | 35,508 | 1,933 | 19,365 | 11,89,228 | 5,148 | 2,46,174 | 10,991 | 1,46,942 | 35,504 | 15,82,344 |
| Total .. | **69,816** | **730** | **11,892** | **155** | **82,593** | **2,695** | **40,240** | **22,32,568** | **5,281** | **2,51,727** | **37,051** | **5,51,932** | **82,572** | **30,36,227** |
| ANANTAPUR DISTRICT. | | | | | | | | | | | | | | |
| Yellanur tank .. .. .. | 516 | .. | .. | .. | 516 | 1 | 14 | 62 | 475 | 14,829 | 27 | 2,000 | 516 | 16,891 |
| SALEM DISTRICT. | | | | | | | | | | | | | | |
| Barur tank .. .. .. .. | 3,243 | 18 | 1,261 | 9 | 4,531 | 417 | 3,636 | 1,88,346 | 231 | 12,245 | 664 | 55,693 | 4,531 | 2,56,284 |
| COIMBATORE DISTRICT. | | | | | | | | | | | | | | |
| Kanniyampalem anicut .. | 208 | .. | .. | .. | 208 | .. | 208 | 15,156 | .. | .. | .. | .. | 208 | 15,156 |
| CHINGLEPUT DISTRICT. | | | | | | | | | | | | | | |
| Madras water-supply and irrigation system. | 6,416 | 380 | 3,360 | 164 | 10,320 | 251 | 8,806 | 3,62,821 | 373 | 7,780 | 1,060 | 40,065 | 10,239 | 4,10,666 |
| Vallur anicut system .. .. | 2,075 | 354 | 152 | 25 | 4,693 | 137 | 4,209 | 1,32,321 | 68 | 1,298 | 310 | 2,225 | 4,587 | 1,35,844 |
| NORTH ARCOT DISTRICT. | | | | | | | | | | | | | | |
| Palar anicut system .. .. | 47,348 | 2,075 | 13,552 | 793 | 63,768 | 530 | 51,269 | 23,34,304 | 7,342 | 2,98,976 | 3,781 | 36,701 | 62,392 | 26,69,981 |
| CHINGLEPUT DISTRICT. | | | | | | | | | | | | | | |
| Palar anicut system .. .. | 19,746 | 363 | 5,125 | 139 | 25,373 | 310 | 22,366 | 9,96,549 | 2,269 | 71,656 | 708 | 3,501 | 25,343 | 10,71,706 |
| Total .. | **67,094** | **2,408** | **18,677** | **932** | **89,141** | **840** | **73,635** | **33,30,853** | **9,611** | **3,70,632** | **4,489** | **40,202** | **87,735** | **37,41,687** |
| SOUTH ARCOT DISTRICT. | | | | | | | | | | | | | | |
| Pelandoral anicut system .. .. | 11,909 | 326 | 620 | 46 | 12,901 | 96 | 11,759 | 5,32,289 | 310 | 12,461 | 832 | 36,340 | 12,901 | 5,81,590 |
| Total of Unproductive works .. | **329,017** | **7,229** | **47,034** | **1,901** | **385,181** | **5,745** | **309,108** | **1,28,54,199** | **20,003** | **3,24,890** | **54,446** | **10,61,560** | **383,557** | **1,47,40,649** |
| Grand total of Productive and Unproductive Works .. .. | **3,536,793** | **80,207** | **541,733** | **17,730** | **4,176,468** | **63,810** | **3,879,309** | **19,31,97,280** | **48,730** | **19,28,063** | **239,291** | **1,25,80,579** | **4,158,330** | **20,77,05,922** |

NOTE.—(1) The area under 'both seasons' is included under first and second crops.
(2) The areas in columns (3) to (7) include extent under 'withered crop but exclude' 'waste charged
(3) The area of withered crops = (1,624 + 16,514) = 18,138 acres.

Prepared by the Board of Revenue—vide B.P. No. 146, Press, dated 9th November 1935.

## E-IV.—Comparative statement of irrigation and rainfall in the Madras Presidency for the revenue year ending 30th June 1935.

| Civil districts. | Of the civil districts. Total area. | Culturable area. | Cultivated area. | 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 as specified in column (5). | Area irrigated. Revenue year ending 30th June 1934. Kharif I crop. | Rabi II crop. | Total. | Revenue year ending 30th June 1935. Kharif I crop. | Rabi II crop. | Total. | Rainfall. 1933-34. | 1934-35. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (11) | (12) | (13) | (14) | (15) |
| | ACS. | ACS. | ACS. | | ACS. | ACS. | ACS. | ACS. | ACS. | ACS. | ACS. | ACS. | INCHES. | INCHES. |
| Ganjam .. | 5,364,818 | 2,948,079 | 1,745,774 | 1 Ganjam minor rivers system. | 70,000 | 66,800 | 65,456 | 4,981 | 70,437 | 64,452 | 3,976 | 68,428 | 59·31 | 37·86 |
| | | | | 2 Rushikulya system .. | 142,000 | 117,000 | 107,846 | 1,091 | 108,937 | 109,425 | 986 | 110,411 | | |
| | | | | 3 Minor works .. .. | 128,775 | 128,775 | 127,042 | 8,112 | 135,154 | 127,402 | 7,204 | 134,606 | | |
| | | | | Total .. | **340,775** | **312,575** | **300,344** | **14,184** | **314,528** | **301,279** | **12,166** | **313,445** | | |
| Vizagapatam. | 10,999,200 | 5,496,366 | 3,073,829 | 1 Nagavalli river system. | 31,200 | 27,500 | 25,827 | 1,067 | 26,894 | 26,103 | 5,675 | 31,778 | 43·77 | 35·46 |
| | | | | 2 Minor works .. .. | 93,437 | 93,437 | 88,463 | 12,084 | 100,547 | 90,109 | 11,534 | 101,643 | | |
| | | | | Total .. | **124,637** | **120,937** | **114,290** | **13,151** | **127,441** | **116,212** | **17,209** | **133,421** | | |
| East Godavari. | 3,980,698 | 1,967,796 | 1,356,966 | 1 Godavari delta system. | 396,253 | 377,000 | 360,216 | 73,082 | 433,298 | 362,391 | 105,628 | 468,019 | 42·59 | 35·92 |
| | | | | 2 Polavaram Island system. | 18,648 | 17,500 | 7,366 | 4,860 | 12,226 | 11,061 | 8,596 | 19,657 | | |
| | | | | 3 Minor works .. .. | 94,862 | 94,862 | 81,909 | 3,815 | 85,724 | 91,859 | 4,368 | 96,227 | | |
| | | | | Total .. | **509,763** | **489,362** | **449,491** | **81,757** | **531,248** | **465,311** | **118,592** | **583,903** | | |
| West Godavari. | 1,511,026 | 1,299,423 | 985,017 | 1 Godavari delta system. | 565,000 | 414,500 | 404,192 | 131,607 | 535,799 | 415,243 | 141,953 | 557,196 | 45·82 | 31·01 |
| | | | | 2 Kistna delta system. | .. | .. | 37,547 | 61 | 37,608 | 36,705 | 76 | 36,781 | | |
| | | | | 3 Minor works .. .. | 43,129 | 43,129 | 42,925 | 1,433 | 44,358 | 41,780 | 1,021 | 42,801 | | |
| | | | | Total .. | **608,129** | **457,629** | **484,664** | **133,101** | **617,765** | **493,728** | **143,050** | **636,778** | | |
| Kistna .. | 2,269,786 | 1,610,385 | 1,204,502 | 1 Kistna delta system. | 543,000 | 445,300 | 425,143 | 1,791 | 426,934 | 423,143 | 771 | 423,914 | 42·83 | 30·81 |
| | | | | 2 Godavari delta system. | .. | .. | 849 | 130 | 979 | 994 | 123 | 1,117 | | |
| | | | | 3 Divi pumping system. | 80,000 | 42,000 | 38,019 | .. | 38,019 | 40,422 | 2 | 40,424 | | |
| | | | | 4 Muniyeru anicut system. | 13,024 | 10,000 | 9,343 | 32 | 9,375 | 8,937 | 301 | 9,238 | | |
| | | | | 5 Minor works .. .. | 20,903 | 20,903 | 21,571 | 147 | 21,718 | 20,420 | 54 | 20,474 | | |
| | | | | Total .. | **656,927** | **518,203** | **494,925** | **2,100** | **497,025** | **493,916** | **1,251** | **495,167** | | |
| Guntur .. | 3,683,824 | 2,717,108 | 2,369,494 | 1 Kistna delta system. | 357,000 | 330,000 | 329,830 | 2,643 | 332,473 | 332,883 | 794 | 333,677 | 34·25 | 29·19 |
| | | | | 2 Bhavanasi tank .. | 2,448 | 841 | 445 | 1 | 446 | 450 | 56 | 506 | | |
| | | | | 3 Dondapad tank .. | 2,880 | 250 | 49 | 12 | 61 | 144 | 34 | 178 | | |
| | | | | 4 Atmakur tank .. | 1,160 | 460 | 378 | .. | 378 | 395 | 1 | 396 | | |
| | | | | 5 Jangamaheswarapuram tank. | 960 | 290 | 404 | 1 | 405 | 410 | .. | 410 | | |
| | | | | 6 Minor works .. | 26,534 | 26,534 | 19,155 | 826 | 19,981 | 20,588 | 981 | 21,569 | | |
| | | | | Total .. | **390,982** | **358,375** | **350,261** | **3,483** | **353,744** | **354,870** | **1,866** | **356,736** | | |
| Kurnool * .. | 4,859,189 | 2,882,460 | 2,162,986 | 1 Kurnool-Cuddapah canal. | 319,869 | 103,743 | 33,663 | 5,872 | 39,535 | 40,957 | 6,128 | 47,085 | 26·96 | 20·30 |
| | | | | 2 Venkatapuram tank. | 1,700 | 340 | 278 | 222 | 500 | 362 | 4 | 366 | | |
| | | | | 3 Cumbum tank .. | 6,000 | 5,980 | 5,477 | 3,419 | 8,896 | 5,450 | 4,127 | 9,577 | | |
| | | | | 4 Markapur tank .. | 1,701 | 1,583 | 1,141 | 146 | 1,287 | 1,365 | 298 | 1,663 | | |
| | | | | 5 Siddhapur tank .. | 4,250 | 3,730 | 448 | 3 | 451 | 726 | 10 | 736 | | |
| | | | | 6 Minor works .. .. | 47,146 | 47,146 | 44,934 | 7,048 | 51,982 | 40,212 | 3,705 | 43,917 | | |
| | | | | Total .. | **380,666** | **162,522** | **85,941** | **16,710** | **102,651** | **89,072** | **14,272** | **103,344** | | |
| Bellary * .. | 3,651,133 | 3,080,073 | 2,472,245 | Minor works .. .. | 55,406 | 55,406 | 45,358 | 12,323 | 57,681 | 42,746 | 8,739 | 51,485 | 34·44 | 15·85 |
| Anantapur .. | 4,307,049 | 3,341,168 | 1,802,749 | 1 Yellanur tank .. | 1,641 | 925 | 640 | 58 | 698 | 516 | .. | 516 | 26·31 | 12·14 |
| | | | | 2 Minor works .. .. | 153,233 | 153,233 | 132,933 | 43,822 | 176,755 | 92,109 | 12,143 | 104,252 | | |
| | | | | Total .. | **154,874** | **154,158** | **133,573** | **43,880** | **177,453** | **92,625** | **12,143** | **104,768** | | |
| Cuddapah .. | 3,724,695 | 2,073,352 | 1,109,595 | 1 Kurnool-Cuddapah canal including Chepad reservoir. | 37,700 | 19,676 | 38,131 | 4,340 | 42,471 | 39,034 | 7,289 | 46,323 | 24·04 | 20·90 |
| | | | | 2 Sagileru system .. | 26,576 | 4,500 | 4,015 | 290 | 4,305 | 3,992 | 1,788 | 5,780 | | |
| | | | | 3 Nagavaram anicut and supply channel. | 894 | 894 | 587 | 220 | 807 | 569 | 427 | 996 | | |
| | | | | 4 Minor works .. .. | 102,629 | 102,629 | 90,461 | 24,692 | 115,153 | 83,551 | 15,133 | 98,684 | | |
| | | | | Total .. | **167,799** | **127,699** | **133,194** | **29,542** | **162,736** | **127,146** | **24,637** | **151,783** | | |

* Excluding Feudatory States

## E-IV.—Comparative statement of irrigation and rainfall in the Madras Presidency for the revenue year ending 30th June 1935—*cont.*

| Civil districts. | Of the civil districts. Total area. | Culturable area. | Cultivated area. | 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 as specified in column (5). | Area irrigated. Revenue year ending 30th June 1934. Kharif I crop. | Rabi II crop. | Total. | Revenue year ending 30th June 1935. Kharif I crop. | Rabi II crop. | Total. | Rainfall. 1933–34. | 1934–35. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (11) | (12) | (13) | (14) | (15) |
| | ACS. | ACS. | ACS. | | ACS. | ACS. | ACS. | ACS. | ACS. | ACS. | ACS. | ACS. | INCHES. | INCHES. |
| Nellore . | 5,087,200 | 3,010,692 | 1,461,743 | 1 Pennar river canals system. | 190,000 | 162,500 | 156,051 | 19,541 | 175,592 | 155,194 | 8,009 | 163,203 | 42·83 | 28·99 |
| | | | | 2 Mopad reservoir .. | 13,890 | 12,500 | 3,204 | 458 | 3,662 | 3,994 | 462 | 4,456 | | |
| | | | | 3 Ponnalur tank .. | 1,973 | 1,000 | 666 | 122 | 788 | 522 | 6 | 528 | | |
| | | | | 4 Anamasamudram Biraperu tank. | 1,000 | 1,000 | 956 | 301 | 1,257 | 947 | .. | 947 | | |
| | | | | 5 Yerur tank .. .. | 3,176 | 1,470 | 1,117 | 14 | 1,131 | 242 | .. | 242 | | |
| | | | | 6 Hajipuram tank .. | 2,900 | 700 | 553 | 15 | 568 | 608 | 224 | 832 | | |
| | | | | 7 Minor works .. .. | 136,956 | 136,956 | 129,406 | 17,288 | 146,694 | 122,799 | 6,965 | 129,764 | | |
| | | | | Total .. | 349,895 | 316,126 | 291,953 | 37,739 | 329,692 | 284,306 | 15,666 | 299,972 | | |
| Chingleput .. | 1,984,582 | 1,115,301 | 954,992 | 1 Palar anicut system .. | 24,102 | 24,102 | 19,805 | 6,853 | 26,658 | 20,109 | 5,264 | 25,373 | 38·14 | 40·81 |
| | | | | 2 Chembrambakkam tank. | 24,478 | 18,000 | 12,569 | 7,462 | 20,031 | 12,557 | 2,529 | 15,086 | | |
| | | | | 3 Vallur anicut system. | 6,794 | 5,216 | 4,522 | 233 | 4,755 | 4,516 | 177 | 4,693 | | |
| | | | | 4 Cheyyar anicut system. | 540 | 494 | 388 | 105 | 493 | 400 | 136 | 536 | | |
| | | | | 5 Madras water-supply and Irrigation system. | 10,165 | 9,852 | 6,900 | 2,107 | 9,007 | 6,796 | 3,524 | 10,320 | | |
| | | | | 6 Minor works .. .. | 358,578 | 358,578 | 323,143 | 111,984 | 435,127 | 324,794 | 87,548 | 412,342 | | |
| | | | | Total .. | 424,657 | 416,242 | 367,327 | 128,744 | 496,071 | 369,172 | 99,178 | 468,350 | | |
| South Arcot | 2,693,024 | 1,893,814 | 1,496,951 | 1 Lower Coleroon anicut system. | 86,000 | 84,244 | 83,787 | 6,958 | 90,729 | 85,030 | 7,602 | 92,632 | 40·53 | 43·05 |
| | | | | 2 Shatlatope anicut system. | 43,965 | 32,000 | 30,771 | 4,076 | 34,863 | 31,985 | 9,842 | 41,827 | | |
| | | | | 3 Vriddhachalam anicut system. | 16,359 | 8,829 | 8,164 | 765 | 8,929 | 8,419 | 838 | 9,257 | | |
| | | | | 4 Mehamattur anicut system. | 10,651 | 5,000 | 4,892 | 885 | 5,777 | 4,890 | 501 | 5,391 | | |
| | | | | 5 Tirukkoyilur anicut system. | 45,977 | 28,000 | 26,659 | 8,071 | 34,730 | 26,409 | 4,261 | 30,670 | | |
| | | | | 6 Pelandorai anicut system. | 16,677 | 12,837 | 12,156 | 844 | 13,000 | 12,235 | 666 | 12,901 | | |
| | | | | 7 Willingdon reservoir. | 28,800 | 25,000 | 17,197 | 2,725 | 19,922 | 16,222 | 3,175 | 19,397 | | |
| | | | | 8 Minor works .. .. | 300,198 | 300,198 | 273,459 | 101,579 | 375,038 | 272,582 | 71,576 | 344,158 | | |
| | | | | Total .. | 548,627 | 496,108 | 457,085 | 125,903 | 582,988 | 457,772 | 98,461 | 556,233 | | |
| North Arcot. | 2,982,386 | 1,739,640 | 1,332,007 | 1 Palar anicut system .. | 80,930 | 54,566 | 48,313 | 20,148 | 68,461 | 49,423 | 14,345 | 63,768 | 31·65 | 35·91 |
| | | | | 2 Cheyyar anicut system. | 28,921 | 22,193 | 19,357 | 11,151 | 30,508 | 19,542 | 10,521 | 30,063 | | |
| | | | | 3 Poiney anicut system. | 23,824 | 22,462 | 16,840 | 4,969 | 21,809 | 18,597 | 5,010 | 23,607 | | |
| | | | | 4 Minor works .. .. | 231,647 | 231,647 | 192,664 | 72,702 | 265,366 | 1,97,279 | 62,534 | 259,813 | | |
| | | | | Total .. | 365,322 | 330,868 | 277,174 | 108,970 | 386,144 | 284,841 | 92,410 | 377,251 | | |
| Chittoor .. | 3,778,865 | 1,668,936 | 837,404 | 1 Poiney anicut system. | .. | .. | 1,054 | 103 | 1,157 | 1,371 | 156 | 1,527 | 30·96 | 29·54 |
| | | | | 2 Minor works .. .. | 113,903 | 113,903 | 82,097 | 25,733 | 107,830 | 73,788 | 18,064 | 91,852 | | |
| | | | | Total .. | 113,903 | 113,903 | 83,151 | 25,836 | 108,987 | 75,159 | 18,220 | 93,379 | | |
| Salem .. | 4,517,107 | 2,707,506 | 1,752,652 | 1 Barur tank .. .. | 6,887 | 3,750 | 3,361 | 1,552 | 4,913 | 3,261 | 1,270 | 4,531 | 34·76 | 28·57 |
| | | | | 2 Minor works .. .. | 105,998 | 105,998 | 98,814 | 37,395 | 136,209 | 94,238 | 38,387 | 132,625 | | |
| | | | | Total .. | 112,885 | 109,748 | 102,175 | 38,947 | 141,122 | 97,499 | 39,657 | 137,156 | | |
| Coimbatore. | 4,527,288 | 2,767,602 | 2,149,368 | 1 Tadepalle channel .. | 16,000 | 15,400 | 15,136 | 3,161 | 18,297 | 15,053 | 1,766 | 16,819 | 36·23 | 22·24 |
| | | | | 2 Arakkankottai channel. | 6,000 | 4,845 | 4,754 | 465 | 5,219 | 4,754 | 519 | 5,273 | | |
| | | | | 3 Kalingarayan channel. | 15,000 | 12,239 | 12,131 | 10,564 | 22,695 | 12,283 | 10,001 | 22,284 | | |
| | | | | 4 Kanniyampalayam anicut. | 1,600 | 213 | 208 | .. | 208 | 208 | .. | 208 | | |
| | | | | 5 Minor works .. .. | 69,310 | 69,310 | 69,924 | 22,752 | 92,676 | 66,100 | 20,882 | 86,982 | | |
| | | | | Total .. | 107,910 | 102,007 | 102,153 | 36,942 | 139,095 | 98,398 | 33,168 | 131,566 | | |

## E-IV.—Comparative statement of irrigation and rainfall in the Madras Presidency for the revenue year ending 30th June 1935—*cont.*

| Civil districts. | Of the civil districts. Total area. | Culturable area. | Cultivated area. | 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 as specified in column (5). | Area irrigated. Revenue year ending 30th June 1934. Kharif I crop. | Rabi II crop. | Total. | Revenue year ending 30th June 1935. Kharif I crop. | Rabi II crop. | Total. | Rainfall. 1933-34. | 1934-35. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (11) | (12) | (13) | (14) | (15) |
| | ACS. | ACS. | ACS. | | ACS. | ACS. | ACS. | ACS. | ACS. | ACS. | ACS. | ACS. | INCHES. | INCHES. |
| Trichinopoly. | 2,825,870 | 2,231,656 | 1,417,327 | 1 Cauvery delta system. | 44,667 | 44,008 | 42,867 | 19,665 | 62,532 | 42,679 | 20,047 | 62,726 | 37·59 | 25·98 |
| | | | | 2 Nandiyar channel .. | 9,480 | 7,084 | 6,745 | 2,350 | 9,095 | 6,841 | 2,625 | 9,466 | | |
| | | | | 3 South bank canal .. | 40,000 | 36,623 | 34,827 | 6,867 | 41,694 | 35,995 | 9,158 | 45,153 | | |
| | | | | 4 Minor works .. .. | 120,308 | 120,308 | 116,002 | 49,482 | 165,484 | 108,248 | 42,695 | 150,943 | | |
| | | | | Total .. | **214,455** | **208,023** | **200,441** | **78,364** | **278,895** | **193,763** | **74,525** | **268,288** | | |
| Tanjore .. | 2,396,898 | 1,710,555 | 1,435,376 | 1 Cauvery delta system. | 864,367 | 856,918 | 819,195 | 75,147 | 894,342 | 797,832 | 73,363 | 871,195 | 35·50 | 32·02 |
| | | | | 2 Lower Coleroon anicut system. | 31,233 | 23,685 | 23,270 | 1,659 | 24,929 | 23,046 | 2,165 | 25,211 | | |
| | | | | 3 Cauvery-Mettur Project. | 528,487 | 177,000 | 44,985 | 2,297 | 47,282 | 99,191 | 3,694 | 102,885 | | |
| | | | | 4 Minor works .. .. | 65,961 | 65,961 | 50,096 | 3,467 | 53,563 | 38,348 | 935 | 39,283 | | |
| | | | | Total .. | **1,490,048** | **1,123,564** | **937,546** | **82,570** | **1,020,116** | **958,417** | **80,157** | **1,038,574** | | |
| Madura .. | 3,078,021 | 2,202,034 | 1,262,259 | 1 Periyar system .. | Not known. | 143,000 | 128,911 | 43,864 | 172,775 | 128,587 | 42,224 | 170,811 | 40·86 | 24·40 |
| | | | | 2 Minor works .. .. | 131,046 | 131,046 | 120,665 | 31,802 | 152,467 | 105,744 | 32,701 | 138,445 | | |
| | | | | Total .. | **131,046** | **274,046** | **249,576** | **75,666** | **325,242** | **234,331** | **74,925** | **309,256** | | |
| Ramnad .. | 3,140,268 | 2,221,319 | 1,259,655 | 1 Periyar system .. | .. | .. | 550 | 31 | 581 | 51 | .. | 51 | 33·33 | 25·28 |
| | | | | 2 Minor works .. .. | 38,362 | 38,362 | 36,339 | 13,744 | 50,083 | 31,328 | 10,773 | 42,101 | | |
| | | | | Total .. | **38,362** | **38,362** | **36,889** | **13,775** | **50,664** | **31,379** | **10,773** | **42,152** | | |
| Tinnevelly .. | 2,788,699 | 2,106,638 | 1,290,400 | 1 Srivaikuntam anicut system. | 33,500 | 25,685 | 24,014 | 17,246 | 41,260 | 24,095 | 13,381 | 37,476 | 33·04 | 21·57 |
| | | | | 2 Marudur anicut system. | 17,920 | 17,920 | 16,985 | 14,671 | 31,656 | 16,992 | 12,959 | 29,951 | | |
| | | | | 3 Minor works .. .. | 187,167 | 187,167 | 174,627 | 105,057 | 279,684 | 151,768 | 81,523 | 233,291 | | |
| | | | | Total .. | **238,587** | **230,772** | **215,626** | **136,974** | **352,600** | **192,855** | **107,863** | **300,718** | | |
| Grand total. | 34,151,626 | 52,791,903 | 34,933,291 | 1 Total of productive and unproductive works. | 4,900,167 | 3,891,147 | 3,551,150 | 53[illegible],374 | 4,084,524 | 3,617,005 | 559,463 | 4,176,468 | 37·08 | 28·54 |
| | | | | Total of minor works. | 2,625,488 | 2,625,488 | 2,361,987 | 707,287 | 3,069,274 | 2,237,792 | 539,465 | 2,777,257 | | |
| | | | | Grand total .. | 7,525,655 | 6,516,635 | 5,913,137 | 1,240,661 | 7,153,798 | 5, 54,797 | 1,098,928 | 6,953,725 | | |

Prepared by the Board of Revenue—vide B.P. No. 146, Press, dated 9th November 1935.

## F.-I.—Statement showing the water-rates per acre which were in force under Productive and Unproductive Works in the Madras Presidency during the year ending 30th June 1935.

| Description of crop. | Godavari and Kistna anicuts. | Divi pumping system. | Munlyeru project. | Periyar system.* | Bhavanasi and Siddapur. | Venkatapuram tauk. | Mopad. | Willingdon reservoir. | Kanniyampalaiyam anicut.† | 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. | RS. A. P. | | RS. A. P. | |
| 1. Single wet crop .. .. .. | 6 4 0 | 6 0 0 | 6 4 0 | 5 0 0 | 9 6 0 | 4 3 0 | 7 13 0 | 6 4 0 | .. | 6 4 0 | .. |
| 2. Second wet crop .. .. | 3 2 0 | 3 0 0 | 3 2 0 | 3 0 0 | 4 11 0 | 2 1 0 | 3 15 0 | 3 2 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 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| 4. Second dry crop on irrigated land except where the landholder has compounded under clause 3. | 3 2 0 | 3 0 0 | 3 2 0 | .. | .. | .. | .. | .. | .. | .. | .. |
| 5. For sugarcane, betel and other garden produce remaining on the ground for the time of two crops. | 9 6 0 | 9 0 0 | 9 6 0 | 8 0 0 | 14 1 0 | 6 4 0 | 11 12 0 | 9 6 0 | .. | .. | .. |
| 6. For sugarcane, betel and other garden produce remaining on the ground for the time of two crops, if compounded for a term of not less than five years. | 10 3 0 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| 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 | 3 0 0 | .. | .. | 4 11 0 | 2 1 0 | 3 15 0 | .. | .. | .. | .. |
| 8. For a third irrigated crop (wet). | 2 8 0 | 2 8 0 | 3 2 0 | 2 0 0 | .. | .. | .. | .. | .. | .. | .. |
| 9. Do. (dry). | 1 4 0 | 1 4 0 | 3 2 0 | 1 0 0 | .. | .. | .. | .. | .. | .. | .. |
| 10. Dry crop systematically irrigated. | 6 4 0 | 6 0 0 | 4 11 0 | .. | .. | .. | .. | .. | .. | .. | .. |
| 11. The charge for a single wet crop when the Collector considers the supply of water to be precarious. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| 12. Second wet crop in the case of zamindari and inam lands. | 6 4 0 | 6 0 0 | 3 2 0 | .. | .. | .. | .. | .. | .. | .. | .. |
| 13. Second wet crop in the case of zamindari and inam lands where the cultivator has compounded for two crops for a term of not less than five years. | 10 3 0 | 9 12 0 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| 14. For sugarcane, betel and other garden produce remaining on the ground for the time of two crops. | .. | 9 0 0 | 9 6 0 | .. | .. | .. | .. | .. | .. | .. | .. |
| 15. For sugarcane, betel and other garden produce in zamindari and inam lands remaining on the ground for the time of two crops. | 12 8 0 | 12 0 0 | 9 6 0 | .. | .. | .. | .. | .. | .. | .. | .. |
| 16. For sugarcane, betel and other garden produce in zamindari and inam lands remaining on the ground for the time of two crops, if the cultivator has compounded for a term of not less than five years. | 10 3 0 | 9 12 0 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| 17 to 20. Nil. | | | | | | | | | | | |
| 21. For a first dry crop systematically irrigated. | .. | .. | .. | 5 0 0 | .. | .. | .. | .. | .. | .. | .. |
| 22. For a second dry crop systematically irrigated. | .. | .. | .. | 3 0 0 | .. | .. | .. | .. | .. | .. | .. |
| 23. For a first or second dry crop occasionally irrigated. | .. | .. | .. | 2 8 0 | .. | .. | .. | .. | .. | .. | .. |
| 24. Special crops like onions, sweet potatoes, chillies, tobacco (the same as for a dry crop systematically irrigated). | .. | .. | .. | 5 0 0 | .. | .. | .. | .. | .. | .. | .. |
| 25. Mango topes, coconut topes and other tope plantations— | | | | | | | | | | | |
| (a) If they take water for a term of two wet crops. | .. | .. | .. | 8 0 0 | .. | .. | .. | .. | .. | .. | .. |
| (b) In other cases .. .. | .. | .. | .. | 5 0 0 | .. | .. | .. | .. | .. | .. | .. |

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 I., 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. | Charge for First crop. | Charge for Second crop. | Total charge. |
|---|---|---|---|---|
| | | RS. | RS. A. P. | RS. A. P. |
| 1. Wet .. .. .. .. | Wet .. .. .. .. .. | 4 | 2 0 0 | 6 0 0 |
| 2. Do. .. .. .. .. | Dry, systematically irrigated .. | 4 | 1 8 0 | 5 8 0 |
| 3. Do. .. .. .. .. | Do. occasionally irrigated .. .. | 4 | 1 0 0 | 5 0 0 |
| 4. Dry, systematically irrigated .. | Wet .. .. .. .. .. | 3 | 2 8 0 | 5 8 0 |
| 5. Do. .. | Dry, systematically irrigated .. | 3 | 2 0 0 | 5 0 0 |
| 6. Do. .. | Do. occasionally irrigated .. .. | 3 | 1 8 0 | 4 8 0 |
| 7. Dry, occasionally irrigated .. | Wet .. .. .. .. .. | 2 | 3 0 0 | 5 0 0 |
| 8. Do. .. | Dry, systematically irrigated .. | 2 | 2 8 0 | 4 8 0 |
| 9. Do. .. | Do. occasionally irrigated .. .. | 2 | 2 0 0 | 4 0 0 |

[*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—vide B.P. No. 133, Press, dated 11th October 1935.

# APPENDIX II.

## I.—Statement showing the financial results of Irrigation under Productive and Unproductive Works for fasli 1344 (1934–35).

| Systems. | Area charged as irrigated and area irrigated free of charge. First crop. Old irrigation. | First crop. New irrigation. | First crop. Total. | Second crop. Old irrigation. | Second crop. New irrigation. | Second crop. Total. | Direct receipts. Total land and irrigation revenue. | Direct receipts. Share due to irrigation. | Direct receipts. Deduct remissions and deductions. |
|---|---|---|---|---|---|---|---|---|---|
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) |
| A. IRRIGATION WORKS. | ACS. | ACS. | ACS. | ACS. | ACS. | ACS. | RS. | RS. | RS. |
| (i) PRODUCTIVE WORKS. | | | | | | | | | |
| 1 Ganjam minor rivers system. | 51,260 | 14,439 | 65,699 | .. | 3,988 | 3,988 | 2,25,852 | 1,51,212 | 1,359 |
| 2 Godavari delta system .. | 156,150 | 648,223 | 804,373 | .. | 248,167 | 248,167 | 64,28,781 | 50,61,938 | 73,404 |
| 3 Kistna delta system .. .. | 70,710 | 739,633 | 810,343 | .. | 1,649 | 1,649 | 54,63,871 | 44,55,049 | 26,775 |
| 4 Divi pumping system .. | 9,900 | 30,686 | 40,586 | .. | 2 | 2 | 2,33,722 | 2,33,722 | 12,939 |
| 5 Pennar river canals system.. | 99,080 | 62,658 | 161,738 | 1,050 | 6,972 | 8,022 | 9,58,284 | 8,07,023 | 45,680 |
| 6 Arakkankottai channel .. | 2,730 | 2,041 | 4,771 | 10 | 509 | 519 | 44,851 | 38,467 | |
| 7 Tadepalle channel .. .. | 9,990 | 5,145 | 15,135 | 170 | 1,596 | 1,766 | 1,57,411 | 1,35,348 | 121 |
| 8 Kalingarayan channel .. | 8,300 | 4,125 | 12,425 | 8,350 | 1,651 | 10,001 | 1,61,185 | 1,43,636 | 117 |
| 9 Chembrambakkam tank .. | 11,370 | 1,823 | 13,193 | 1,160 | 1,408 | 2,568 | 76,133 | 53,701 | 109 |
| 10 Poiney anicut system .. | 15,550 | 6,149 | 21,699 | 2,500 | 2,666 | 5,166 | 1,41,312 | 1,06,325 | 6,366 |
| 11 Cheyyar anicut system .. | 14,960 | 6,553 | 21,513 | 1,630 | 9,027 | 10,657 | 1,54,487 | 1,09,763 | 7,777 |
| 12 Tirukkoyilur anicut system .. | 16,080 | 11,762 | 27,842 | 30 | 4,239 | 4,269 | 1,86,898 | 1,39,097 | 402 |
| 13 Shatiatope anicut system .. | 7,160 | 27,282 | 34,442 | .. | 9,842 | 9,842 | 2,37,021 | 1,78,333 | 1,068 |
| 14 Mehamattur anicut system .. | 990 | 3,994 | 4,984 | .. | 501 | 501 | 37,184 | 26,779 | .. |
| 15 Vriddhachalam anicut system. | 2,430 | 6,326 | 8,756 | .. | 838 | 838 | 59,201 | 41,881 | .. |
| 16 Willingdon reservoir .. .. | 2,590 | 13,716 | 16,306 | 260 | 2,915 | 3,175 | 1,21,084 | 1,17,180 | .. |
| 17 Lower Coleroon anicut system. | 44,760 | 66,162 | 110,922 | 170 | 9,597 | 9,767 | 8,62,415 | 5,86,331 | 5,090 |
| 18 Cauvery delta system .. | 743,767 | 124,568 | 868,335 | 33,928 | 60,462 | 94,390 | 70,01,602 | 55,11,374 | 24,430 |
| 19 Nandiyar channel system .. | 4,680 | 2,360 | 7,040 | 1,570 | 1,055 | 2,625 | 41,731 | 31,054 | 462 |
| 20 Periyar system .. .. | 65,600 | 66,320 | 131,920 | 16,100 | 26,124 | 42,224 | 10,72,322 | 9,69,142 | 12,567 |
| 21 Srivaikuntam anicut system. | 14,580 | 10,940 | 25,520 | 5,850 | 7,701 | 13,551 | 2,68,145 | 2,25,645 | 1,466 |
| 22 Marudur anicut system .. | 17,020 | 455 | 17,475 | 590 | 12,369 | 12,959 | 2,41,470 | 2,08,211 | 745 |
| 23 Cumbum tank .. .. | 4,850 | 742 | 5,592 | 2,670 | 1,457 | 4,127 | 44,344 | 39,463 | 16 |
| 24 South Bank canal .. .. | 27,860 | 8,988 | 36,848 | 8,250 | 909 | 9,159 | 4,00,028 | 3,17,705 | 1,468 |
| 25 Polavaram Island Project .. | .. | 11,061 | 11,061 | .. | 8,596 | 8,596 | 1,16,060 | 1,16,060 | 1,972 |
| 26 Cauvery-Mettur Project .. | 68,787 | 33,512 | 102,299 | 1,703 | 1,991 | 3,694 | 10,19,227 | 9,68,695 | 15,282 |
| Total of Productive Works .. | 1,471,154 | 1,909,663 | 3,380,817 | 85,991 | 426,231 | 512,222 | 2,57,54,621 | 2,07,73,134 | 2,39,615 |
| (ii) UNPRODUCTIVE WORKS | | | | | | | | | |
| 27 Rushikulya system .. .. | 58,100 | 52,748 | 110,848 | .. | 985 | 985 | 3,84,846 | 2,62,221 | 1,476 |
| 28 Nagavalli river system .. | 10,600 | 16,547 | 27,147 | 5,200 | 475 | 5,675 | 1,43,318 | 1,16,154 | 2,287 |
| 29 Muniyeru anicut system .. | 600 | 8,507 | 9,107 | .. | 301 | 301 | 61,549 | 49,798 | 295 |
| 30 Jangamaheswarapuram tank. | 150 | 271 | 421 | 7 | — 7 | .. | 2,190 | 1,450 | 742 |
| 31 Atmakur tank .. .. | .. | 485 | 485 | .. | 1 | 1 | 2,437 | 1,991 | .. |
| 32 Bhavanasi tank .. .. | .. | 453 | 453 | .. | 56 | 56 | 4,610 | 4,610 | .. |
| 33 Dondapad tank .. .. | .. | 144 | 144 | .. | 34 | 34 | 660 | 660 | .. |
| 34 Mopad reservoir .. .. | .. | 4,011 | 4,011 | .. | 462 | 462 | 30,421 | 30,247 | .. |
| 35 Hajipuram tank .. .. | .. | 713 | 713 | .. | 224 | 224 | 4,232 | 3,641 | .. |
| 36 Ponnalur tank .. .. | .. | 763 | 763 | .. | 6 | 6 | 5,586 | 4,323 | .. |
| 37 Anamasamudram-Biraperu tank .. .. .. | 900 | 103 | 1,003 | 80 | — 80 | .. | 4,507 | 3,997 | .. |
| 38 Yerur tank .. .. .. | 80 | 244 | 324 | 2 | — 2 | .. | 4,914 | 3,719 | 3,500 |
| 39 Sagileru system .. .. | 3,900 | 192 | 4,092 | 700 | 1,088 | 1,788 | 26,861 | 24,493 | 4 |
| 40 Markapur tank .. .. | 450 | 987 | 1,437 | 50 | 248 | 298 | 6,833 | 6,174 | .. |
| 41 Yellanur tank .. .. | .. | 551 | 551 | .. | .. | .. | 3,356 | 2,855 | 2,167 |
| 42 Siddhapur tank .. .. | .. | 726 | 726 | .. | 10 | 10 | 6,035 | 6,035 | .. |
| 43 Nagavaram anicut and supply channel .. .. .. | 452 | 149 | 601 | 235 | 192 | 427 | 4,782 | 4,138 | 2 |
| 44 Venkatapuram tank .. .. | 53 | 316 | 369 | 1 | 3 | 4 | 1,661 | 1,603 | .. |
| 45 Kurnool-Cuddapah canal .. | 6,643 | 64,853 | 71,496 | .. | 12,057 | 12,057 | 3,47,662 | 3,17,781 | 1,221 |
| 46 Chepad channel .. .. | 1,406 | 8,103 | 9,509 | 56 | 1,314 | 1,370 | 51,194 | 48,126 | .. |
| 47 Barur tank .. .. .. | 1,330 | 2,279 | 3,609 | 430 | 840 | 1,270 | 26,698 | 22,096 | 223 |
| 48 Madras water-supply and irrigation system .. .. | 5,630 | 1,801 | 7,431 | 780 | 2,869 | 3,649 | 37,123 | 28,781 | 490 |
| 49* Kanniyampalaiyam anicut system .. .. .. | .. | 208 | 208 | | .. | .. | .. | .. | .. |
| 50 Vallur anicut system .. | 4,030 | 1,039 | 5,069 | 10 | 167 | 177 | 11,484 | 7,433 | 679 |
| 51 Palar anicut system .. .. | 53,890 | 22,827 | 76,717 | 16,070 | 3,651 | 19,721 | 4,38,516 | 3,28,836 | 57,394 |
| 52 Pelandorai anicut system .. | 2,120 | 10,509 | 12,629 | 100 | 566 | 666 | 79,667 | 58,900 | .. |
| Total .. | 150,334 | 199,529 | 349,863 | 23,721 | 25,460 | 49,181 | 16,91,142 | 13,40,062 | 70,480 |

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

Prepared by the Board of Revenue—vide B.P. No. 133, Press, dated 11th October 1935.

## I—Statement showing the financial results of Irrigation under Productive and Unproductive Works for fasli 1344 (1934–35)—*cont.*

| Systems. | Direct receipts—*cont.* | | | Indirect receipts. | | | | Total of columns (13) and (17). |
|---|---|---|---|---|---|---|---|---|
| | Net revenue due to irrigation. | Deduct portion due to old irrigation. | Increase of revenue due to the outlay incurred | Land assessment of waste lands brought under irrigation. | Land revenue of miscellaneous items. | Interest on sale-proceeds of tank-bed and other waste lands. | Total. | |
| A, IRRIGATION WORKS—*cont.* | (11) | (12) | (13) | (14) | (15) | (16) | (17) | (18) |
| (i) PRODUCTIVE WORKS—*cont.* | RS. | RS. | RS. | RS. | RS. | RS. | RS. | RS. |
| 1 Ganjam minor rivers system. | 1,49,853 | 95,000 | 54,853 | 7,065 | 738 | 71 | 7,874 | 62,727 |
| 2 Godavari delta system .. | 49,88,534 | 1,24,000 | 48,64,534 | 1,83,754 | 8,161 | 36,569 | 2,28,484 | 50,93,018 |
| 3 Kistna delta system .. .. | 44,28,274 | 71,000 | 43,57,274 | 1,00,568 | 16,703 | 71,382 | 1,88,653 | 45,45,927 |
| 4 Divi pumping system .. | 2,2[illegible],783 | 20,300 | 2,00,483 | 13,253 | 4,086 | 69,866 | 87,205 | 2,87,688 |
| 5 Pennar river canals system .. | 7,61,343 | 2,56,000 | 5,05,343 | 44,955 | 3,711 | 19,039 | 67,705 | 5,73,048 |
| 6 Arakkankottai channel .. | 38,467 | 19,000 | 19,467 | 372 | 56 | .. | 428 | 19,895 |
| 7 Tadepalle channel .. .. | 1,35,227 | 76,000 | 59,227 | 2,890 | 39 | .. | 2,929 | 62,156 |
| 8 Kalingarayan channel .. | 1,43,519 | 85,000 | 58,519 | 419 | 64 | .. | 483 | 59,002 |
| 9 Chembrambakkam tank .. | 53,592 | 16,000 | 37,592 | 898 | 59 | .. | 957 | 38,549 |
| 10 Poiney anicut system .. | 99,959 | 38,000 | 61,959 | 5,284 | 131 | 52 | 5,467 | 67,426 |
| 11 Cheyyar anicut system .. | 1,01,986 | 39,000 | 62,986 | 3,196 | 104 | 1,435 | 4,735 | 67,721 |
| 12 Tirukkoyilur anicut system .. | 1,38,695 | 60,000 | 78,695 | 3,293 | 76 | .. | 3,369 | 82,064 |
| 13 Shatiatope anicut system .. | 1,77,265 | 20,000 | 1,57,265 | 16,713 | 318 | .. | 17,031 | 1,74,296 |
| 14 Mehamattur anicut system .. | 26,779 | 4,000 | 22,779 | 94 | 23 | 79 | 196 | 22,975 |
| 15 Vriddhachalam anicut system. | 41,881 | 8,500 | 33,381 | 302 | 17 | 20 | 339 | 33,720 |
| 16 Willingdon reservoir.. .. | 1,17,180 | 10,590 | 1,06,590 | 448 | .. | .. | 448 | 1,07,038 |
| 17 Lower Coleroon anicut system. | 5,81,241 | 1,55,000 | 4,26,241 | 51,197 | 318 | .. | 51,515 | 4,77,756 |
| 18 Cauvery delta system .. | 54,86,944 | 33,90,382 | 20,96,562 | 1,13,060 | 10,571 | 412 | 1,24,043 | 22,20,605 |
| 19 Nandiyar channel system .. | 30,592 | 17,000 | 13,592 | 59 | 18 | 166 | 243 | 13,835 |
| 20 Periyar system .. .. | 9,56,575 | 2,04,000 | 7,52,575 | 15,387 | 4,940 | 74,499 | 94,826 | 8,47,401 |
| 21 Srivaikuntam anicut system. | 2,24,179 | 79,000 | 1,45,179 | 1,423 | 67 | .. | 1,490 | 1,46,669 |
| 22 Marudur anicut system .. | 2,07,466 | 1,15,000 | 92,466 | 237 | 42 | .. | 279 | 92,745 |
| 23 Cumbum tank .. .. | 39,447 | 30,000 | 9,447 | 443 | 18 | .. | 461 | 9,908 |
| 24 South Bank canal .. .. | 3,16,237 | 2,54,000 | 62,237 | 21 | .. | 100 | 121 | 62,358 |
| 25 Polavaram Island Project .. | 1,14,088 | .. | 1,14,088 | .. | .. | .. | .. | 1,14,088 |
| 26 Cauvery-Mettur Project .. | 9,53,413 | 98,000 | 8,55,413 | .. | .. | .. | .. | 8,55,413 |
| Total of Productive Works .. | 2,05,33,519 | 52,84,772 | 1,52,48,747 | 5,65,331 | 50,260 | 2,73,690 | 8,89,281 | 1,61,38,028 |
| (ii) UNPRODUCTIVE WORKS—*cont.* | | | | | | | | |
| 27 Rushikulya system .. .. | 2,60,745 | 67,000 | 1,93,745 | 3,779 | 236 | 2,205 | 6,220 | 1,99,965 |
| 28 Nagavalli river system .. | 1,13,867 | 37,400 | 76,467 | 4,519 | 1,092 | 15,839 | 21,450 | 97,917 |
| 29 Muniyeru anicut system .. | 49,503 | 2,500 | 47,003 | 2 | 58 | .. | 60 | 47,063 |
| 30 Jangamaheswarapuram tank. | 708 | 500 | 208 | .. | .. | .. | .. | 208 |
| 31 Atmakur tank .. .. | 1,991 | .. | 1,991 | .. | .. | .. | .. | 1,991 |
| 32 Bhavanasi tank .. .. | 4,610 | .. | 4,610 | .. | .. | .. | .. | 4,610 |
| 33 Dondapad tank .. .. | 660 | .. | 660 | 8 | 2 | .. | 10 | 670 |
| 34 Mopad reservoir .. .. | 30,247 | 433 | 29,814 | 647 | .. | 4,493 | 5,140 | 34,954 |
| 35 Hajipuram tank .. .. | 3,641 | .. | 3,641 | .. | 15 | .. | 15 | 3,656 |
| 36 Ponnalur tank .. .. | 4,323 | .. | 4,323 | .. | .. | .. | .. | 4,323 |
| 37 Anamasamudram-Biraperu tank .. .. .. | 3,997 | 3,600 | 397 | .. | 1 | .. | 1 | 398 |
| 38 Yerur tank .. .. .. | 219 | 425 | — 206 | 22 | 64 | .. | 86 | — 120 |
| 39 Sagileru system .. .. | 24,489 | 17,800 | 6,689 | 22 | 4 | .. | 26 | 6,715 |
| 40 Markapur tank .. .. | 6,174 | 2,130 | 4,044 | .. | 1 | .. | 1 | 4,045 |
| 41 Yellanur tank .. .. | 688 | .. | 688 | 613 | .. | 491 | 1,104 | 1,792 |
| 42 Siddhapur tank .. .. | 6,035 | .. | 6,035 | .. | .. | .. | .. | 6,035 |
| 43 Nagavaram anicut and supply channel .. .. .. | 4,136 | 2,256 | 1,880 | 146 | .. | .. | 146 | 2,026 |
| 44 Venkatapuram tank .. .. | 1,603 | 164 | 1,439 | 33 | .. | 5 | 38 | 1,477 |
| 45 Kurnool-Cuddapah canal .. | 3,16,560 | 28,285 | 2,88,275 | 1,054 | 926 | 335 | 2,315 | 2,90,590 |
| 46 Chepad channel .. .. | 48,126 | 7,587 | 40,539 | 505 | 26 | 23 | 554 | 41,093 |
| 47 Barur tank .. .. .. | 21,873 | 4,500 | 17,373 | 158 | .. | 600 | 758 | 18,131 |
| 48 Madras water-supply and irrigation system .. .. | 28,291 | 11,000 | 17,291 | 441 | 21 | .. | 462 | 17,753 |
| 49 Kanniyampalaiyam anicut system .. .. .. | .. | .. | .. | .. | .. | .. | .. | .. |
| 50 Vallur anicut system .. | 6,754 | 5,000 | 1,754 | 1,067 | 7 | .. | 1,074 | 2,828 |
| 51 Palar anicut system .. | 2,71,442 | 1,25,000 | 1,46,442 | 15,513 | 320 | 1,010 | 16,843 | 1,63,285 |
| 52 Pelandoral anicut system .. | 58,900 | 3,000 | 55,900 | 57 | 21 | 8 | 86 | 55,986 |
| Total .. | 12,69,582 | 3,18,580 | 9,51,002 | 28,586 | 2,794 | 25,009 | 56,389 | 10,07,391 |

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# STATEMENT No. II.

| Systems | Net receipts, direct and indirect. | | | | Gross indirect receipts. | | |
|---|---|---|---|---|---|---|---|
| | Average for five years ending 1932–33. | Actuals, 1933–34. | 1934–35. Revised estimates. | 1934–35. Actuals. | Actuals, 1933–34. | 1934–35. Revised estimates. | 1934–35. Actuals. |
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) |
| PRODUCTIVE WORKS. | RS. | RS. | RS. | RS. | RS. | RS. | RS. |
| 1 Ganjam minor rivers system .. .. | 62,668 | 62,161 | 69,232 | 59,594 | 7,872 | 7,872 | 7,874 |
| 2 Godavari delta system .. .. .. | 41,04,576 | 43,99,612 | 44,54,984 | 48,40,196 | 2,25,399 | 2,25,399 | 2,28,484 |
| 3 Kistna delta system .. .. .. .. | 39,46,817 | 41,39,304 | 43,72,090 | 43,22,200 | 1,88,643 | 1,88,643 | 1,88,653 |
| 4 Divi pumping system .. .. .. | 2,42,837 | 2,70,984 | 2,78,713 | 2,76,797 | 87,205 | 87,205 | 87,205 |
| 5 Pennar river canals system .. .. .. | 6,25,195 | 6,24,662 | 5,82,071 | 5,45,348 | 67,704 | 67,704 | 67,705 |
| 6 Arakkankottai channel .. .. .. | 20,02[illegible] | 19,540 | 20,357 | 18,900 | 428 | 428 | 428 |
| 7 Tadepalle channel .. .. .. .. | 60,743 | 66,239 | 66,433 | 59,048 | 2,929 | 2,929 | 2,929 |
| 8 Kalingarayan channel .. .. .. | 44,663 | 49,632 | 49,574 | 56,052 | 483 | 483 | 483 |
| 9 Chembrambakkam tank .. .. .. | 43,455 | 50,347 | 51,164 | 36,622 | 957 | 957 | 957 |
| 10 Poiney anicut system .. .. .. | 65,683 | 31,717 | 44,521 | 64,057 | 5,462 | 5,462 | 5,467 |
| 11 Cheyyar anicut system .. .. .. | 77,286 | 52,796 | 61,095 | 64,407 | 4,735 | 4,735 | 4,735 |
| 12 Tirukkoyilur anicut system .. .. .. | 72,515 | 82,202 | 72,171 | 77,961 | 3,369 | 3,369 | 3,369 |
| 13 Shatiatope anicut system .. .. .. | 1,50,015 | 1,37,927 | 1,47,65[illegible] | 1,65,581 | 17,031 | 17,031 | 17,031 |
| 14 Mehamattur anicut system .. .. .. | 19,870 | 21,617 | 21,850 | 21,830 | 196 | 196 | 196 |
| 15 Vriddhachalam anicut system .. .. | 29,869 | 29,614 | 29,298 | 32,035 | 339 | 339 | 339 |
| 16 Willingdon reservoir.. .. .. .. | 96,997 | 1,05,474 | 1,05,790 | 1,01,686 | 448 | 448 | 448 |
| 17 Lower Coleroon anicut system .. .. | 4,22,046 | 4,[illegible]5,666 | 4,37,964 | 4,5[illegible]3,868 | 51,515 | 51,515 | 51,515 |
| 18 Cauvery delta system .. .. .. | 15,05,731 | 17,70,313 | 21,33,191 | 21,09,595 | 1,24,043 | 1,24,043 | 1,24,043 |
| 19 Nandiyar channel system .. .. .. | 11,246 | 11,945 | 11,639 | 13,152 | 243 | 243 | 243 |
| 20 Periyar system .. .. .. .. | 8,25,728 | 8,18,529 | 8,25,025 | 8,08,756 | 94,826 | 94,826 | 94,826 |
| 21 Srivaikuntam anicut system .. .. | 1,47,665 | 1,40,533 | 1,42,965 | 1,39,336 | 1,490 | 1,490 | 1,490 |
| 22 Marudur anicut system .. .. .. | 89,120 | 88,952 | 88,900 | 88,108 | 279 | 279 | 279 |
| 23 Cumbum tank .. .. .. .. | — 4,796 | 7,313 | 9,938 | 9,413 | 461 | 461 | 461 |
| 24 South Bank canal .. .. .. .. | * 21,810 | 23,536 | 30,511 | 59,245 | 112 | 112 | 121 |
| 25 Polavaram Island project .. .. .. | * 1,01,900 | 85,832 | 80,750 | 1,08,384 | .. | .. | .. |
| 26 Cauvery-Mettur Project .. .. .. | .. | 1,37,328 | 15,90,110 | 8,12,642 | .. | .. | .. |

* Average of four years only.

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| UNPRODUCTIVE WORKS. | | | | | | | |
| 27 Rushikulya system .. .. .. .. | 1,85,208 | 1,83,937 | 1,94,046 | 1,90,077 | 6,146 | 6,146 | 6,220 |
| 28 Nagavalli river system .. .. .. | 81,289 | 86,520 | 88,500 | 93,813 | 21,425 | 21,425 | 21,450 |
| 29 Muniyeru anicut system .. .. .. | 35,000 | 44,712 | 51,737 | 44,710 | 60 | 60 | 60 |
| 30 Jangamaheswarapuram tank .. .. | 630 | 557 | 1,710 | 198 | .. | .. | .. |
| 31 Atmakur tank .. .. .. .. | 2,488 | 1,872 | 1,900 | 1,891 | .. | .. | .. |
| 32 Dondapad tank .. .. .. .. | 649 | 329 | 3[illegible]9 | 637 | 10 | 10 | 10 |
| 33 Bhavanasi tank .. .. .. .. | 4,946 | 3,937 | 3,990 | 4,379 | .. | .. | .. |
| 34 Mopad reservoir .. .. .. .. | 35,249 | 21,163 | 23,693 | 33,431 | 5,137 | 5,137 | 5,140 |
| 35 Hajipuram tank .. .. .. .. | 2,974 | 1,646 | 1,914 | 3,473 | 15 | 15 | 15 |
| 36 Ponnalur tank .. .. .. .. | 4,941 | 4,998 | 4,275 | 4,107 | .. | .. | .. |
| 37 Anamasamudram-Biraperu tank .. .. | — 776 | 1,384 | 476 | 378 | 1 | 1 | 1 |
| 38 Yerur tank .. .. .. .. | 2,373 | 3,619 | 1,103 | — 114 | 86 | 86 | 86 |
| 39 Sagileru system .. .. .. .. | — 857 | 106 | 1,020 | 6,379 | 26 | 26 | 26 |
| 40 Markapur tank .. .. .. .. | 3,964 | 3,285 | 4,627 | 3,843 | 1 | 1 | 1 |
| 41 Yellanur tank .. .. .. .. | 3,363 | 3,624 | 4,303 | 1,727 | 1,104 | 1,104 | 1,104 |
| 42 Siddhapur tank .. .. .. .. | 2,238 | 3,935 | 3,420 | 5,733 | .. | .. | .. |
| 43 Nagavaram anicut and pply channel .. | 1,641 | 1,238 | 1,890 | 1,925 | 146 | 146 | 146 |
| 44 Venkatapuram tank .. .. .. .. | 776 | 1,654 | 1,397 | 1,403 | 34 | 34 | 38 |
| 45 Kurnool-Cuddapah canal .. .. .. | 2,64,131 | 2,61,282 | 2,55,083 | 2,76,077 | 2,178 | 2,178 | 2,315 |
| 46 Chepad channel .. .. .. .. | 35,594 | 37,868 | 36,545 | 39,040 | 554 | 554 | 554 |
| 47 Barur tank .. .. .. .. .. | 17,500 | 18,162 | 15,475 | 17,254 | 758 | 758 | 758 |
| 48 Kanniyampalaiyam anicut† .. .. .. | .. | .. | .. | .. | .. | .. | .. |
| 49 Madras water-supply and irrigation system. | 14,570 | 10,165 | 16,589 | 16,865 | 462 | 462 | 462 |
| 50 Vallur anicut system .. .. .. | 3,672 | 3,278 | 3,870 | 2,687 | 1,074 | 1,074 | 1,074 |
| 51 Palar anicut system .. .. .. | 2,06,356 | 1,34,239 | 1,79,450 | 1,55,171 | 16,842 | 16,842 | 16,843 |
| 52 Pelandorai anicut system .. .. .. | 52,318 | 53,203 | 52,902 | 53,187 | 86 | 86 | 86 |

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

Prepared by the Board of Revenue—vide B.P. No. 133, Press, dated 11th October 1935.

# APPENDIX III.

## I.—Statement showing the extent irrigated and the revenue derived under 'Minor works' for fasli 1344 (1934–35).

| Districts. | Area irrigated and charged and area irrigated free of charge. First crop. | Second crop. | Total land and irrigation revenue. | Share due to irrigation. | Deduct deductions and remissions. | Net revenue due to irrigation. |
|---|---|---|---|---|---|---|
| (1) | (2) | (3) | (4) | (5) | (6) | (7) |
| | ACS. | ACS. | RS. | RS. | RS. | RS. |
| Ganjam .. .. .. .. | 132,083 | 7,216 | 3,49,669 | 2,01,443 | 7,076 | 1,94,367 |
| Vizagapatam .. .. .. .. | 95,375 | 11,870 | 4,21,468 | 2,89,584 | 8,361 | 2,81,223 |
| East Godavari .. .. .. | 98,341 | 4,374 | 3,94,770 | 3,00,890 | 2,692 | 2,98,198 |
| West Godavari .. .. .. | 44,843 | 1,021 | 1,57,813 | 1,33,919 | 8,559 | 1,25,360 |
| Kistna .. .. .. .. .. | 21,449 | 59 | 1,13,510 | 98,142 | 9,994 | 88,148 |
| Guntur .. .. .. .. .. | 23,986 | 982 | 1,41,790 | 1,06,047 | 13,728 | 92,319 |
| Nellore .. .. .. .. .. | 131,035 | 6,965 | 7,15,906 | 5,92,747 | 99,210 | 4,93,537 |
| Cuddapah .. .. .. .. | 92,164 | 15,292 | 4,48,155 | 3,74,835 | 1,29,291 | 2,45,544 |
| Anantapur .. .. .. .. | 111,889 | 12,208 | 6,31,023 | 5,38,422 | 4,25,483 | 1,12,939 |
| Bellary .. .. .. .. .. | 50,599 | 9,197 | 3,26,023 | 2,87,138 | 46,978 | 2,40,160 |
| Kurnool .. .. .. .. | 43,449 | 3,717 | 1,90,188 | 1,60,461 | 31,264 | 1,29,197 |
| Chittoor .. .. .. .. | 87,207 | 18,064 | 5,55,674 | 4,42,065 | 2,42,346 | 1,99,719 |
| Chingleput .. .. .. .. | 354,263 | 87,769 | 14,45,044 | 10,32,421 | 41,040 | 9,91,381 |
| North Arcot .. .. .. .. | 216,374 | 62,534 | 13,48,537 | 9,60,483 | 1,09,726 | 8,50,757 |
| South Arcot .. .. .. .. | 293,656 | 71,576 | 17,98,905 | 13,00,912 | 7,423 | 12,93,489 |
| Tanjore .. .. .. .. | 49,383 | 1,048 | 1,47,072 | 1,08,636 | 36,428 | 72,208 |
| Trichinopoly .. .. .. .. | 120,643 | 42,913 | 7,74,514 | 5,84,519 | 31,039 | 5,53,480 |
| Madura .. .. .. .. | 119,979 | 32,701 | 7,39,389 | 6,03,203 | 1,68,431 | 4,34,772 |
| Ramnad .. .. .. .. | 32,773 | 10,773 | 2,31,245 | 1,94,512 | 39,734 | 1,54,778 |
| Tinnevelly .. .. .. .. | 164,478 | 89,582 | 14,33,777 | 12,06,329 | 2,72,644 | 9,33,685 |
| Coimbatore .. .. .. .. | 69,255 | 20,882 | 4,74,475 | 3,94,536 | 17,601 | 3,76,935 |
| Salem .. .. .. .. .. | 107,936 | 38,404 | 7,33,609 | 5,06,527 | 1,08,221 | 3,98,306 |
| Total .. | 2,461,160 | 549,147 | 1,35,72,556 | 1,04,17,771 | 18,57,269 | 85,60,502 |

Prepared by the Board of Revenue—vide B.P. No. 137, Press, dated 24th October 1935.



# APPENDIX IV.

## Statement showing the number of wells used for irrigation in fasli 1344 (1934–35)—Parts I and II.

| Serial number and name of district. | Part I. Wells which lie in the wet ayacuts of recognized sources of irrigation. Wells in actual use. Number. | Area irrigated. | Number of wells in working order but not used. | Number of abandoned wells. | Total number of wells [columns (2) + (4) + (5)]. | Part II. Wells which have independent ayacuts of their own. Wells in actual use. Number. | Area irrigated. | Number of wells in working order but not used. | Number of abandoned wells. | Total number of wells [columns (7) + (9) + (10)]. |
|---|---|---|---|---|---|---|---|---|---|---|
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (11) |
| | | ACS. | | | | | ACS. | | | |
| 1 Ganjam .. .. .. .. | 196 | 300 | 16 | 7 | 219 | Nil. | Nil. | Nil. | Nil. | Nil. |
| 2 Vizagapatam .. .. .. | 3,078 | 3,934 | 713 | 430 | 4,221 | 1,382 | 1,774 | 355 | 301 | 2,038 |
| 3 East Godavari .. .. .. | 39 | 191 | 8 | .. | 47 | 6 | 89 | .. | 9 | 15 |
| 4 West Godavari .. .. .. | 1 | 32 | .. | .. | 1 | 566 | 3,266 | .. | .. | 566 |
| 5 Kistna .. .. .. .. | 1 | 1 | .. | .. | 1 | 1,582 | 6,184 | 82 | 49 | 1,713 |
| 6 Guntur .. .. .. .. | 1,188 | 3,384 | 189 | 72 | 1,449 | 4,304 | 11,500 | 1,325 | 915 | 6,544 |
| 7 Nellore .. .. .. .. | 1,473 | 3,376 | 507 | 444 | 2,424 | 7,117 | 27,186 | 999 | 1,197 | 9,313 |
| 8 Cuddapah .. .. .. .. | 8,063 | 24,444 | 1,489 | 1,331 | 10,883 | 23,742 | 74,035 | 1,971 | 2,955 | 28,668 |
| 9 Anantapur .. .. .. .. | 8,693 | 19,206 | 1,582 | 1,476 | 11,751 | 17,806 | 56,923 | 2,513 | 2,849 | 23,168 |
| 10 Bellary .. .. .. .. | 469 | 2,779 | 459 | 195 | 1,123 | 3,766 | 14,803 | 1,691 | 1,285 | 6,742 |
| 11 Kurnool .. .. .. .. | 487 | 1,454 | 588 | 236 | 1,311 | 6,273 | 17,041 | 3,225 | 2,210 | 11,708 |
| 12 Chingleput .. .. .. .. | 17,698 | 27,993 | 2,041 | 1,866 | 21,605 | 9,147 | 17,942 | 637 | 831 | 10,615 |
| 13 Chittoor .. .. .. .. | 20,046 | 28,613 | 2,127 | 3,655 | 25,828 | 13,294 | 26,773 | 882 | 2,564 | 16,740 |
| 14 North Arcot .. .. .. | 44,234 | 81,780 | 10,319 | 5,682 | 60,235 | 60,677 | 85,921 | 3,933 | 5,006 | 69,616 |
| 15 South Arcot .. .. .. | 28,608 | 58,371 | 3,895 | 3,281 | 35,784 | 12,930 | 17,920 | 1,747 | 1,623 | 16,300 |
| 16 Tanjore .. .. .. .. | .. | .. | .. | .. | .. | Nil. | Nil. | Nil. | Nil. | Nil. |
| 17 Trichinopoly .. .. .. | 11,411 | 6,814 | 680 | 426 | 12,517 | 44,618 | 83,020 | 1,122 | 3,287 | 49,027 |
| 18 Madura .. .. .. .. | 8,049 | 13,601 | 2,598 | 1,335 | 11,982 | 36,369 | 90,838 | 1,495 | 2,916 | 40,780 |
| 19 Ramnad .. .. .. .. | 3,828 | 10,593 | 437 | 105 | 4,370 | 19,406 | 35,476 | 1,176 | 1,280 | 21,862 |
| 20 Tinnevelly .. .. .. .. | 11,595 | 20,887 | 1,649 | 644 | 13,888 | 26,310 | 49,876 | 1,847 | 1,655 | 29,812 |
| 21 Coimbatore .. .. .. | 1,777 | 7,657 | 1,075 | 194 | 3,046 | 86,372 | 410,928 | 1,889 | 8,551 | 96,812 |
| 22 Salem .. .. .. .. | 20,954 | 55,018 | 4,430 | 2,114 | 27,498 | 68,868 | 128,686 | 2,532 | 6 014 | 77,414 |
| Total .. | 191,888 | 370,428 | 34,802 | 23,493 | 250,183 | 444,595 | 1,160,181 | 29,421 | 45,497 | 519,453 |

Prepared by the Board of Revenue—vide B. P. Routine No. 6123, dated 28th November 1935.

## REVIEW OF THE ADMINISTRATIVE ACCOUNTS OF IRRIGATION, NAVIGATION, EMBANKMENT AND DRAINAGE WORKS OF THE MADRAS PRESIDENCY, FOR THE YEAR 1934–35.

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

(1) A. Irrigation Works; and

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

each of these being subdivided into productive and unproductive works.

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

The basis of classification described above was introduced after the Reforms of 1919, and is subject to possible modification in connection with the impending constitutional changes. It might be held, in future, that projects, in respect of which the average annual net revenue over a certain period is not less than the average interest charges payable, during the same, period should be considered as productive.

2. The following table summarizes the results of irrigation, etc., works during the year 1934–35, in comparison with those of the previous year 1933–34 :—

| — | Total invested (direct and indirect and all arrears of simple interest) to end of | | Gross receipts (direct and indirect) during 1933–34. |
|---|---|---|---|
| | 1933–34. | 1934–35. | |
| (1) | (2) | (3) | (4) |
| | RS. | RS. | RS. |
| A. Irrigation works— | | | |
| 1 Productive .. .. .. | 16,37,29,581 | 16,97,00,655 | 1,47,70,748 |
| 2 Unproductive .. .. .. | 9,61,89,594 | 9,73,06,269 | 10,10,123 |
| B. Navigation, etc., works— | | | |
| 2 Unproductive .. .. .. | 3,09,59,120 | 3,14,07,541 | 1,10,483 |

| — | Gross receipts (direct and indirect) during 1934–35. | Working expenses (direct and indirect) during | |
|---|---|---|---|
| | | 1933–34. | 1934–35. |
| | (5) | (6) | (7) |
| | RS. | RS. | RS. |
| A. Irrigation works— | | | |
| 1 Productive .. .. .. | 1,65,97,984 | 46,02,107 | 51,88,757 |
| 2 Unproductive .. .. .. | 10,79,489 | 5,91,210 | 5,94,887 |
| B. Navigation, etc., works— | | | |
| 2 Unproductive .. .. .. | 1,13,882 | 2,46,860 | 2,66,079 |

| | Net revenue during | | Percentage on capital invested. | |
|---|---|---|---|---|
| | 1933-34. (8) | 1934-35. (9) | 1933-34. (10) | 1934-35. (11) |
| | RS. | RS. | | |
| A. Irrigation works— | | | | |
| 1 Productive .. .. .. | 1,01,68,641 | 1,14,09,227 | 6·21 | 6·72 |
| 2 Unproductive .. .. .. | 4,18,913 | 4,84,602 | 0·44 | 0·50 |
| B. Navigation, etc., works— | | | | |
| 2 Unproductive .. .. .. | — 1,36,377 | — 1,52,197 | — 0·44 | — 0·48 |

## 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. In the case of items 24 and 25, i.e., the Polavaram Island Project and the Cauvery-Mettur Project, the construction estimates were closed on 30th September 1934, but the completion reports have not yet been forwarded to Government. The Kattalai Scheme (item 26) is still in progress.

4. During the year under review, there was an increase in revenue to the extent of 18·27 lakhs as compared with the revenue of last year. The increase was mainly in the Cauvery Delta System (3·52 lakhs), Godavari Delta System (5·00 lakhs), Kistna Delta System (1·95 lakhs) and Cauvery-Mettur Project (7·25 lakhs). There was a slight fall in revenue in the case of Chembrambakkam tank (·14 lakh), Pennar River canals (·82 lakh) and Periyar (·10 lakh), due to the inadequate supply received and the consequent fall in the area of cultivation and the grant of remissions. A slight increase in revenue during the year was also noticed in the following systems, viz., Shatiatope (·28 lakh), Cheyyar (·12 lakh), Poincy (·35 lakh), Lower Coleroon (·25 lakh), Kattalai (·37 lakh) and Polavaram Island Project (·24 lakh).

Owing to the increased supply received in the Kistna river, the '* Ayacut' under it had been increasing between 1925 and 1928 and in order to systematize the development of irrigation, the formulation of new schemes of irrigation and the localization and determination of the irrigable extent was necessary. Some of such schemes are in progress. Out of the total extent of lands selected for inclusion in the ayacut, 4,666·47 acres in the Kaikalur taluk of the Kistna district and 724·18 acres in the Ellore taluk of West Godavari district were exempted by Government from the levy of Rs. 25 per acre of inclusion fees † for the reason that the lands are liable to submersion under the Collair. The revenue foregone amounts to Rs. 1,34,750.

5. During the year, there was an increase of nearly 5·87 lakhs in the working expenses as compared with last year. The increase was noticeable in the case of Cauvery Delta (1·77 lakhs), Godavari

* 'Ayacut' means assigned irrigable area under an irrigation source.

† 'Inclusion fees' are fees levied to meet the cost of localization operations, of special staff, of compensation payable, etc.



Delta (1·13 lakhs) and Cauvery-Mettur Project (2·01 lakhs), while in the case of Srivaikuntam (·48 lakh), Pennar River canals (·81 lakh), Periyar (·18 lakh) and Kattalai (·23 lakh), it was slight. The enhancement in the maintenance charges is due to the causes mentioned below against the systems concerned :—

(1) *Cauvery Delta.*—Completion of work "Improvements to the Peruvalai channel," execution of other remodelling, etc., works found necessary to improve the efficiency of the system, and the carrying out of a number of protective works necessitated by the consecutive floods of the preceding three years and repairs to the rear apron of the Cauvery Regulator.

(2) *Godavari Delta.*—Execution of the works, (*a*) Remodelling the Tapeswaram South side channel, (*b*) special repairs to Biccavole drain and (*c*) urgent silt clearance work done at the heads of Godavari Eastern Delta canals in the short closure of December 1934. Finishing of incomplete works of previous year and the carrying out of several important set works necessitated by the damages during the heavy floods of 1934.

(3) *Cauvery-Mettur Project.*—Maintenance of the canal system handed over to the newly formed Grand Anicut Canal Division on completion of the project from 1st October 1934.

(4) *Srivaikuntam Anicut.*—Execution of heavy repair works to make good the flood damages of 1931 and 1933, and also to raising and strengthening the right and left flood banks of the Tambraparni River below the Srivaikuntam Anicut.

(5) *Pennar River Canals.*—Execution of the work "Reconstructing the Maldevi Low Level Escape of the Kanigiri Reservoir" and the carrying out of other emergent works rendered necessary on account of the damage caused by the cyclone of November 1933.

(6) *Periyar System.*—Carrying out of improvements to the Suriliyar channels and special repairs to certain tanks and channels.

(7) *Kattalai Scheme.*—Due to (*a*) the advance manufacture of screw-gearing shutter for the Lalapet Regulator, (*b*) the construction of a drop at Pillapalayam and (*c*) maintenance of north bank canal from 1st August 1934.

There was, however, a slight decrease in the working expenses under (1) Cheyyar (·42 lakh) due to the completion in 1933–34 of repairs to damages caused by the floods of 1930, (2) Kistna (·15 lakh) due to the expenditure on the purchase of two grab dredgers with accessories having been debited to the system in the previous years' accounts and (3) Ganjam minor rivers (·19 lakh) due to the prevalence of the cholera during the working season in Chicacole subdivision and the cutting out of expenditure on non-urgent works.

6. The systems bearing Nos. 1 to 22 in Account No. I (General Abstract) have been in operation for over thirteen years since the dates of closure of the construction estimates. Of these, items 1, 3 to 7, 9 to 13, 17, 18, 21 and 22 satisfy the test of productivity referred to in paragraph 1 ante; items 8, 14 to 16 and 19 have failed to do so during only a portion of the triennium ending with 1934–35 and their retention under the productive category is justified with reference to rule 3-III of Statement A of Appendix 4 to the Madras Public Works Account Code. It was suggested to Government in November 1934, that the items 2 and 20 might be transferred to the unproductive class but they issued orders in No. 1893 I., dated 27th August 1935, that the works might be retained in the productive class for the present and that the financial results of the systems for the next few years might be watched.

*II. Unproductive.*

7. There are 28 systems of this class as in the previous year. A slight increase in revenue to the extent of ·70 lakh as compared with the revenue of the previous year was noticed, during the year, but the working expenses remained almost the same as during the year 1933–34. The increase in the revenue, in the case of the following systems, was perceptible, viz., Kurnool-Cuddapah Canal (·10 lakh), Madras Water Works (·11 lakh), Palar (·22 lakh), Rushikulya (·06 lakh), Sagileru (·07 lakh), Nagavalli (·08 lakh) and Mopad (·13 lakh).

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

B. Navigation, etc., Works.

9. There are three works of this class in the Presidency and all of them have been classed as "Unproductive." There was an increase of ·19 lakh in the working expenses in respect of the Vedaranniyam and Buckingham canals and the increase of ·09 lakh in the case of the former system is due to the special repairs to the right bank of the canal and the formation of the left bank from 13/2 to Lawfords Straight Cut.

10. The increase in revenue as compared with that of last year is not appreciable.

T. K. Rajagopalan,
*Accountant General.*

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**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 1934–1935.**

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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 1934–35.

| 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 1934–35. | | |
|---|---|---|---|---|---|---|---|
| | Direct charges. | Indirect charges. | Total. | | Direct charges. | Indirect charges. | Total. |
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) |
| WORKS FOR WHICH BOTH CAPITAL AND REVENUE ACCOUNTS ARE KEPT. | RS. | RS. | RS. | | RS. | RS. | RS. |
| *A. Irrigation Works.* | | | | | | | |
| (1) Productive Works. | | | | | | | |
| 1. Cauvery delta system. | 77,61,833 | 2,61,867 | 80,23,700 | 31st March 1889. | 97,486 | 736 | 98,222 |
| 2. Srivaikuntam anicut system. | 16,67,459 | 1,07,604 | 17,75,063 | Do. | .. | .. | .. |
| 3. Godavari delta system. | 1,65,69,789 | 20,26,193 | 1,85,95,982 | 31st March 1890. | 1,16,240 | 1,015 | 1,17,255 |
| 4. Mehamathur anicut system. | 80,691 | 2,062 | 82,753 | March 1891 .. | 9 | .. | 9 |
| 5. Tadapalle channel .. | 1,66,383 | 11,063 | 1,77,446 | 1893 .. .. | .. | .. | .. |
| 6. Kalingarayan channel. | 1,75,980 | 4,506 | 1,80,486 | 1893 .. .. | .. | .. | .. |
| 7. Vriddhachalam anicut system. | 1,01,377 | 3,428 | 1,04,805 | March 1893 .. | 2,698 | 1,062 | 3,760 |
| 8. Chembrambakkam tank. | 6,51,348 | 1,12,795 | 7,64,143 | 31st March 1893. | .. | .. | .. |
| 9. Marudur anicut system. | 58,721 | 1,401 | 60,122 | 1893 .. .. | .. | .. | .. |
| 10. Penner river canals system. | 58,72,117 | 10,15,751 | 68,87,868 | 31st March 1894. | 15,963 | 117 | 16,080 |
| 11. Arkenkota channel .. | 1,40,769 | 3,676 | 1,44,445 | Do. | .. | .. | .. |
| 12. Tirukkoyilur anicut system. | 3,89,189 | 10,001 | 3,99,190 | March 1895 .. | .. | .. | .. |
| 13. Shatiatope anicut system. | 10,28,884 | 59,460 | 10,88,344 | 31st March 1895. | 4,691 | 244 | 4,935 |
| 14. Cheyyar anicut system. | 5,21,242 | 15,173 | 5,36,415 | 31st March 1896. | .. | .. | .. |
| 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. | 2,22,48,248 | 11,88,472 | 2,34,36,720 | 31st March 1898. | 9,33,858 | 11,062 | 9,44,920 |
| 19. Nandyar channel system. | 63,231 | 2,484 | 65,715 | 1899 .. .. | .. | .. | .. |
| 20. Ganjam minor river system. | 2,83,839 | 11,074 | 2,94,913 | 31st March 1900. | 962 | 6 | 968 |
| 21. Lower Coleroon anicut system. | 29,13,423 | 88,246 | 30,01,669 | 30th June 1903 .. | .. | .. | .. |
| 22. Divi pumping system. | 25,91,505 | 61,638 | 26,53,143 | 31st October 1913. | .. | .. | .. |
| 23. Toludur reservoir project. | 23,52,434 | 2,51,025 | 26,03,459 | 31st October 1925. | 64 | 121 | 185 |
| 24. Polavaram Island project. | 18,79,206 | 25,099 | 19,04,305 | 23rd April 1923. | 9,173 | 66 | 9,239 |
| 25. Cauvery-Mettur project. | 6,67,70,000 | 11,30,000 | 6,79,00,000 | 15th June 1929 .. | 14,38,125 | 21,302 | 14,59,427 |
| 26. Kattalai scheme .. | 33,08,425 | 58,801 | 33,67,226 | 1st December 1926. | 5,16,450 | 15,321 | 5,31,771 |
| Total, A. Irrigation (1) Productive .. | 14,84,39,811 | 68,34,046 | 15,52,73,857 | | 31,35,719 | 51,052 | 31,86,771 |
| (2) Unproductive Works. | | | | | | | |
| 1. Kurnool-Cuddapah canal. | 2,33,13,676 | 73,438 | 2,33,87,114 | Not known .. | .. | .. | .. |
| 2. Barur tank .. .. | 4,19,375 | 23,738 | 4,43,113 | 31st March 1891. | .. | .. | .. |
| 3. Vallur anicut .. .. | 74,366 | 1,916 | 76,282 | 31st March 1893. | .. | .. | .. |
| 4. Madras Water-supply and Irrigation system. | 16,28,864 | 2,40,054 | 18,68,918 | 1893 .. .. | .. | .. | .. |
| 5. Pelandorai anicut system. | 6,43,302 | 48,772 | 6,92,074 | 1893 .. .. | .. | .. | .. |
| 6. Palar anicut system .. | 23,48,502 | 1,17,304 | 24,65,806 | 31st March 1896. | .. | .. | .. |

**No. 1.**—General Abstract of Financial Results showing the estimated cost of construction of Productive and Unproductive Works, the Capital outlay thereon, the Revenue derived therefrom, the Working Expenses and the interest on the debt incurred in respect of those works for and to end of 1934–35—*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 1934–35. | | |
|---|---|---|---|---|---|---|---|
| | Direct charges. | Indirect charges. | Total. | | Direct charges. | Indirect charges. | Total. |
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) |
| WORKS FOR WHICH BOTH CAPITAL AND REVENUE ACCOUNTS ARE KEPT—*cont.* | RS. | RS. | RS. | | RS. | RS. | RS. |
| *A. Irrigation Works*—cont. | | | | | | | |
| (2) Unproductive Works—*cont.* | | | | | | | |
| 7. Rushikulya system .. | 51,98,111 | 4,26,073 | 56,24,184 | 31st March 1901. | 14,029 | 308 | 14,337 |
| 8. Muniyeru system .. | 5,71,308 | 29,751 | 6,01,059 | 1901–02 .. .. | .. | .. | .. |
| 9. Dondapad tank .. | 1,24,786 | 15,218 | 1,40,004 | 31st March 1903. | .. | .. | .. |
| 10. Yerur tank .. .. | 61,741 | 1,612 | 63,353 | 31st March 1907. | .. | .. | .. |
| 11. Sagileru tank .. .. | 4,47,108 | 17,619 | 4,64,727 | Do. | .. | .. | .. |
| 12. Atmakur tank .. | 1,11,959 | 13,444 | 1,25,403 | Do. | .. | .. | .. |
| 13. Jangamaheswarapuram tank. | 61,253 | 10,411 | 71,664 | 31st March 1908. | .. | .. | .. |
| 14. Anamasamudram-Beraperu tank. | 71,687 | 1,886 | 73,573 | 31st March 1910. | .. | .. | .. |
| 15. Hajipuram tank .. | 2,78,774 | 33,109 | 3,11,883 | 31st March 1911. | .. | .. | .. |
| 16. Ponnalur tank .. | 1,92,975 | 25,674 | 2,18,649 | Do. | .. | .. | .. |
| 17. Markapur tank .. | 1,24,481 | 4,859 | 1,29,340 | Do. | .. | .. | .. |
| 18. Nagavalli river system. | 17,19,789 | 44,826 | 17,64,615 | 31st December 1913. | 3,264 | 21 | 3,285 |
| 19. Venkatapuram tank .. | 3,72,250 | 12,671 | 3,84,921 | 31st March 1918. | .. | .. | .. |
| 20. Bhavanasi tank .. | 2,54,395 | 11,096 | 2,65,491 | 31st March 1919. | .. | .. | .. |
| 21. Yellanur tank.. .. | 2,39,192 | 30,515 | 2,69,707 | Do. | .. | .. | .. |
| 22. Panjapatti reservoir .. | 3,27,781 | 11,495 | 3,39,276 | 30th June 1919. | .. | .. | .. |
| 23. Siddapur tank .. | 7,91,938 | 13,448 | 8,04,486 | 31st October 1919. | .. | .. | .. |
| 24. Nagavaram anicut and supply channel. | 1,07,295 | 2,595 | 1,09,890 | 31st December 1919. | .. | .. | .. |
| 25. Mopad reservoir system. | 21,93,275 | 96,422 | 22,89,697 | 30th April 1921 .. | .. | .. | .. |
| 26. Kanniyampalaiyam anicut. | 1,07,221 | 3,853 | 1,11,074 | 31st March 1922.. | .. | .. | .. |
| 27. Thippayapalem project. | 3,83,936 | 23,489 | 4,07,425 | 4th February 1924. | 1,08,241 | 901 | 1,09,142 |
| 28. Basavannah channel. | 5,85,523 | 6,577 | 5,92,100 | 19th December 1924. | 13,148 | 109 | 13,257 |
| Total, A. Irrigation—(2) Unproductive. | 4,27,53,963 | 13,41,865 | 4,40,95,828 | | 1,38,682 | 1,339 | 1,40,021 |
| Total, A. (Irrigation Works). | 19,11,93,774 | 81,75,911 | 19,93,69,685 | | 32,74,401 | 52,391 | 33,26,792 |
| *B. Navigation, Embankment and Drainage Works.* | | | | | | | |
| (2) Unproductive. | | | | | | | |
| 1. Ganjam-Gopalpur canal. | 1,43,100 | 12,393 | 1,55,493 | 1893 .. .. | .. | .. | .. |
| 2. Vedaranniyam canal. | 1,32,699 | 3,733 | 1,36,432 | 1893 .. .. | .. | .. | .. |
| 3. Buckingham canal .. | 85,92,529 | 4,89,464 | 90,81,993 | March 1897 .. | .. | .. | .. |
| Total, (2) Unproductive Works. | 88,68,328 | 5,05,590 | 93,73,918 | | .. | .. | .. |
| Total, B. Navigation, etc., Works. | 88,68,328 | 5,05,590 | 93,73,918 | | .. | .. | .. |
| Total, Construction of Irrigation, etc., Works. | 20,00,62,102 | 86,81,501 | 20,87,43,603 | | 32,74,401 | 52,391 | 33,26,792 |

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**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 1934–1935—*cont.*

| Name of project. | Capital Outlay inclusive of indirect charges to end of 1934–35. | | | 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 1934–35. | | | Working Expenses and Maintenance during 1934–35 inclusive of indirect charges. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | Direct charges. | Indirect charges. | Total. | | | Direct receipts. | Portion of land revenue due to works, etc. | Total. | Direct charges. | Indirect charges. | Total. |
| | (9) | (10) | (11) | (12) | (13) | (14) | (15) | (16) | (17) | (18) | (19) |
| WORKS FOR WHICH BOTH CAPITAL AND REVENUE ACCOUNTS ARE KEPT —*cont.* | RS. | RS. | RS. | RS. | RS. | RS. | RS. | RS. | RS. | RS. | RS. |
| *A. Irrigation Works.* —cont. | | | | | | | | | | | |
| (1) Productive Works. | | | | | | | | | | | |
| 1. Cauvery delta system. | 76,79,203 | 2,60,773 | 79,39,976 | .. | 79,39,976 | 21,04,870 | 1,24,043 | 22,28,913 | 8,90,724 | 5,866 | 8,96,590 |
| 2. Srivaikuntam anicut system. | 16,67,459 | 1,07,604 | 17,75,063 | .. | 17,75,063 | 1,51,953 | 1,490 | 1,53,443 | 1,82,331 | 2,493 | 1,84,824 |
| 3. Godavari delta system. | 1,62,63,139 | 20,57,462 | 1,83,20,601 | .. | 1,83,20,601 | 51,03,859 | 2,28,484 | 53,32,343 | 14,60,348 | 8,105 | 14,68,453 |
| 4. Mehamathur anicut system. | 80,691 | 2,062 | 82,753 | .. | 82,753 | 23,269 | 196 | 23,465 | 7,088 | 40 | 7,128 |
| 5. Tadapalle channel. | 1,66,383 | 11,063 | 1,77,446 | .. | 1,77,446 | 60,675 | 2,929 | 63,604 | 21,389 | 135 | 21,524 |
| 6. Kalingarayan channel. | 1,75,980 | 4,506 | 1,80,486 | .. | 1,80,486 | 59,948 | 483 | 60,431 | 18,156 | 113 | 18,269 |
| 7. Vriddhachalam anicut system. | 1,02,258 | 3,666 | 1,05,924 | .. | 1,05,924 | 33,137 | 339 | 33,476 | 14,591 | 89 | 14,680 |
| 8. Chembrambakkam tank. | 6,51,348 | 1,12,795 | 7,64,143 | .. | 7,64,143 | 37,747 | 957 | 38,704 | 15,677 | 112 | 15,789 |
| 9. Marudur anicut system. | 58,721 | 1,401 | 60,122 | .. | 60,122 | 95,486 | 279 | 95,765 | 29,839 | 436 | 30,275 |
| 10. Pennar river canals system. | 58,49,092 | 10,15,385 | 68,64,477 | .. | 68,64,477 | 5,08,270 | 67,705 | 5,75,975 | 2,55,478 | 1,606 | 2,57,084 |
| 11. Arkenkota channel. | 1,40,769 | 3,676 | 1,44,445 | .. | 1,44,445 | 19,706 | 428 | 20,134 | 7,933 | 51 | 7,984 |
| 12. Tirukkoyilur anicut system. | 3,89,189 | 10,001 | 3,99,190 | .. | 3,99,190 | 79,078 | 3,369 | 82,447 | 21,164 | 113 | 21,277 |
| 13. Shatiatope anicut system. | 10,29,13[illegible] | 59,669 | 10,88,808 | .. | 10,88,808 | 1,57,525 | 17,031 | 1,74,556 | 38,996 | .290 | 39,286 |
| 14. Cheyyar anicut system. | 5,21,242 | 15,173 | 5,36,415 | .. | 5,36,415 | 64,475 | 4,735 | 69,210 | 46,521 | 325 | 46,846 |
| 15. Cumbum tank .. | 83,985 | 2,388 | 86,373 | .. | 86,373 | 9,447 | 461 | 9,908 | 1,193 | 5 | 1,198 |
| 16. Poiney anicut system. | 2,95,106 | 8,812 | 3,03,918 | .. | 3,03,918 | 63,130 | 5,467 | 68,597 | 35,724 | 243 | 35,967 |
| 17. Periyar system .. | 1,04,64,627 | 3,71,027 | 1,08,35,654 | .. | 1,08,35,654 | 7,62,765 | 94,826 | 8,57,591 | 2,30,470 | 1,367 | 2,31,837 |
| 18. Kistna delta system. | 1,94,88,404 | 11,57,227 | 2,06,45,631 | .. | 2,06,45,631 | 45,13,005 | 1,88,653 | 47,01,658 | 11,35,726 | 5,959 | 11,41,685 |
| 19. Nandyar channel system. | 63,231 | 2,484 | 65,715 | 34,318 | 1,00,033 | 13,711 | 243 | 13,954 | 15,101 | 106 | 15,207 |
| 20. Ganjam minor river system. | 2,78,196 | 11,030 | 2,89,226 | .. | 2,89,226 | 54,855 | 7,874 | 62,729 | 58,366 | 336 | 58,702 |
| 21. Lower Coleroon anicut system. | 29,13,423 | 88,246 | 30,01,669 | .. | 30,01,669 | 4,29,756 | 51,515 | 4,81,271 | 1,85,755 | 1,391 | 1,87,146 |
| 22. Divi pumping system. | 25,91,505 | 61,638 | 26,53,143 | 1,33,638 | 27,86,781 | 2,05,415 | 87,205 | 2,92,620 | 1,37,122 | 841 | 1,37,963 |
| 23. Toludur reservoir project. | 23,48,221 | 2,51,105 | 25,99,326 | 11,43,827 | 37,43,153 | 1,06,819 | 448 | 1,07,267 | 39,962 | 255 | 40,217 |
| 24. Polavaram Island project. | 16,03,727 | 26,900 | 16,30,627 | 62,699 | 16,93,326 | 1,14,601 | .. | 1,14,601 | 13,197 | 44 | 13,241 |
| 25. Cauvery-Mettur project. | 6,49,36,158 | 10,33,248 | 6,59,69,406 | 1,72,19,655 | 8,31,89,061 | 8,70,483 | .. | 8,70,483 | 2,70,712 | 1,776 | 2,72,488 |
| 26. Kattalai scheme .. | 35,84,221 | 84,380 | 36,68,601 | 9,17,380 | 45,85,981 | 64,718 | 121 | 64,839 | 22,957 | 140 | 23,097 |
| Total, A. Irrigation—(1) Productive. | 14,34,25,417 | 67,63,721 | 15,01,89,138 | 1,95,11,517 | 16,97,00,655 | 1,57,08,703 | 8,89,281 | 1,65,97,984 | 51,56,520 | 32,237 | 51,88,757 |
| (2) Unproductive Works. | | | | | | | | | | | |
| 1. Kurnool-Cuddapah canal. | 2,33,13,676 | 73,438 | 2,33,87,114 | 3,89,69,640 | 6,23,56,754 | 3,37,677 | 2,869 | 3,40,546 | 1,35,868 | 918 | 1,36,786 |
| 2. Barur tank .. | 4,19,375 | 23,738 | 4,43,113 | 3,91,171 | 8,34,284 | 18,714 | 758 | 19,472 | 8,786 | 58 | 8,844 |
| 3. Vallur anicut .. | 74,366 | 1,916 | 76,282 | 20,949 | 97,231 | 1,955 | 1,074 | 3,029 | 3,623 | 28 | 3,651 |
| 4. Madras Water-supply and Irrigation system. | 16,28,864 | 2,40,054 | 18,68,918 | 27,49,186 | 46,18,104 | 69,062 | 462 | 69,524 | 18,138 | 141 | 18,279 |

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 1934–1935—*cont.*

| Name of project. | Capital Outlay inclusive of indirect charges to end of 1934–35. | | | 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 1934–35. | | | Working Expenses and Maintenance during 1934–35 inclusive of indirect charges. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | Direct charges. | Indirect charges. | Total. | | | Direct receipts. | Portion of land revenue due to works, etc. | Total. | Direct charges. | Indirect charges. | Total. |
| | (9) | (10) | (11) | (12) | (13) | (14) | (15) | (16) | (17) | (18) | (19) |
| **Works for which both Capital and Revenue Accounts are kept—*cont.*** | RS. | RS. | RS. | RS. | RS. | RS. | RS. | RS. | RS. | RS. | RS. |
| ***A. Irrigation Works*—cont.** | | | | | | | | | | | |
| **(2) Unproductive Works—*cont.*** | | | | | | | | | | | |
| 5. Palandorai anicut.. | 6,43,302 | 48,772 | 6,92,074 | 4,39,206 | 11,31,280 | 55,990 | 86 | 56,076 | 27,786 | 173 | 27,959 |
| 6. Palar anicut system. | 23,48,502 | 1,17,304 | 24,65,806 | 5,36,753 | 30,02,559 | 1,47,382 | 16,843 | 1,64,225 | 1,26,288 | 896 | 1,27,184 |
| 7. Rushikulya system. | 51,66,870 | 4,26,045 | 55,92,915 | 47,11,481 | 1,03,04,396 | 1,96,589 | 6,220 | 2,02,809 | 1,71,918 | 976 | 1,72,894 |
| 8. Muniyeru system .. | 5,71,308 | 29,751 | 6,01,059 | 3,07,059 | 9,08,118 | 47,670 | 60 | 47,730 | 17,007 | 98 | 17,105 |
| 9. Dondapad tank .. | 1,24,786 | 15,218 | 1,40,004 | 1,72,962 | 3,12,966 | 663 | 10 | 673 | 47 | .. | 47 |
| 10. Yerur tank .. | 61,741 | 1,612 | 63,353 | 33,450 | 96,803 | — 206 | 86 | — 120 | 146 | .. | 146 |
| 11. Sagileru system .. | 4,47,108 | 17,619 | 4,64,727 | 6,60,878 | 11,25,605 | 6,764 | 26 | 6,790 | 2,096 | 15 | 2,111 |
| 12. Atmakur tank .. | 1,11,959 | 13,444 | 1,25,403 | 87,758 | 2,13,161 | 2,011 | .. | 2,011 | 3,638 | 25 | 3,663 |
| 13. Jangamaheswarapuram tank. | 61,253 | 10,411 | 71,664 | 55,025 | 1,26,689 | 502 | .. | 502 | 50 | .. | 50 |
| 14. Anamasamudram, Beraperu tank. | 71,687 | 1,886 | 73,573 | 65,847 | 1,39,420 | 397 | 1 | 398 | 367 | 2 | 369 |
| 15. Hajipuram tank .. | 2,78,774 | 33,109 | 3,11,883 | 2,23,117 | 5,35,000 | 3,641 | 15 | 3,656 | 2,186 | 14 | 2,200 |
| 16. Ponnalur tank .. | 1,92,975 | 25,674 | 2,18,649 | 2,18,662 | 4,37,311 | 4,323 | .. | 4,323 | 10,845 | 77 | 10,922 |
| 17. Marakapur tank .. | 1,24,481 | 4,859 | 1,29,340 | 92,750 | 2,22,090 | 4,044 | 1 | 4,045 | 6,637 | 53 | 6,690 |
| 18. Nagavalli river system. | 16,89,423 | 42,387 | 17,31,810 | 3,63,064 | 20,94,874 | 77,052 | 21,450 | 98,502 | 28,709 | 141 | 28,850 |
| 19. Venkatapuram tank. | 3,72,250 | 12,671 | 3,84,921 | 2,92,909 | 6,77,830 | 1,439 | 38 | 1,477 | 565 | 4 | 569 |
| 20. Bhavanasi tank .. | 2,54,395 | 11,096 | 2,65,491 | 1,91,282 | 4,56,773 | 4,743 | .. | 4,743 | 7,762 | 55 | 7,817 |
| 21. Yellanur tank .. | 2,39,192 | 30,515 | 2,69,707 | 1,57,117 | 4,26,824 | 688 | 1,104 | 1,792 | 1,938 | 15 | 1,953 |
| 22. Panjapatti reservoir | 3,27,781 | 11,495 | 3,39,276 | 2,33,291 | 5,72,567 | 152 | .. | 152 | 356 | 3 | 359 |
| 23. Siddapur tank .. | 7,91,038 | 13,448 | 8,04,486 | 5,67,806 | 13,72,292 | 6,035 | .. | 6,035 | 911 | 5 | 916 |
| 24. Nagavaram anicut and supply channel. | 1,07,295 | 2,595 | 1,09,890 | 55,294 | 1,65,184 | 1,881 | 146 | 2,027 | 299 | 1 | 300 |
| 25. Mopad reservoir system. | 21,93,275 | 96,422 | 22,89,697 | 15,12,762 | 38,02,459 | 29,932 | 5,140 | 35,072 | 12,667 | 77 | 12,744 |
| 26. Kanniyampalaiyam anicut. | 1,07,221 | 3,853 | 1,11,074 | 1,06,211 | 2,17,285 | 4,000 | .. | 4,000 | 2,460 | 19 | 2,479 |
| 27. Thippayapalem project. | 2,70,035 | 9,491 | 2,79,526 | 49,059 | 3,28,585 | .. | .. | .. | .. | .. | .. |
| 28. Basavannah channel. | 5,38,772 | 6,222 | 5,44,994 | 1,84,831 | 7,29,825 | .. | .. | .. | .. | .. | .. |
| **Total, A. Irrigation—(2) Unproductive.** | 4,25,31,704 | 13,25,045 | 4,38,56,749 | 5,34,49,520 | 9,73,06,269 | 10,23,100 | 56,389 | 10,79,489 | 5,91,093 | 3,794 | 5,94,887 |
| **Total, A. Irrigation Works.** | 18,59,57,121 | 80,88,766 | 19,40,45,887 | 7,29,61,037 | 26,70,06,924 | 1,67,31,803 | 9,45,670 | 1,76,77,473 | 57,47,613 | 36,031 | 57,83,644 |
| ***B. Navigation, Embankment and Drainage Works.*** | | | | | | | | | | | |
| **(2) Unproductive.** | | | | | | | | | | | |
| 1. Ganjam-Gopalpur canal. | 1,43,100 | 12,393 | 1,55,493 | 2,33,740 | 3,89,233 | 2 | .. | 2 | .. | .. | .. |
| 2. Vedaranniyam canal. | 1,32,699 | 3,733 | 1,36,432 | 6,84,758 | 8,21,190 | 1,775 | .. | 1,775 | 31,412 | 230 | 31,642 |
| 3. Buckingham canal. | 85,92,529 | 4,89,464 | 90,81,993 | 2,11,15,125 | 3,01,97,118 | 1,12,105 | .. | 1,12,105 | 2,32,541 | 1,896 | 2,34,437 |
| **Total, (2) Unproductive Works.** | 88,68,328 | 5,05,590 | 93,73,918 | 2,20,33,623 | 3,14,07,541 | 1,13,882 | .. | 1,13,882 | 2,63,953 | 2,126 | 2,66,079 |
| **Total, B. Navigation, etc., Works.** | 88,68,328 | 5,05,590 | 93,73,918 | 2,20,33,623 | 3,14,07,541 | 1,13,882 | .. | 1,13,882 | 2,63,953 | 2,126 | 2,66,079 |
| **Total, Construction of Irrigation, etc., works.** | 19,48,25,449 | 85,94,356 | 20,34,19,805 | 9,49,94,660 | 29,84,14,465 | 1,68,45,685 | 9,45,670 | 1,77,91,355 | 60,11,566 | 38,157 | 60,49,723 |

**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 1934–1935—*cont.*

| Name of project. | Net Revenue. | | Percentage on capital outlay [column (11)]. | | Simple interest during 1934–35. | 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 1932–33. | During 1933–34. | During 1934–35. | |
| | (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. | 13,32,323 | .. | 16·78 | .. | 3,16,442 | 10,15,881 | .. | 14·27 | 14·73 | 16·78 | 4 per cent (in the case of works sanctioned before 1st April 1919). |
| 2. Srivaikuntam anicut system. | .. | 31,381 | .. | 1·77 | 56,607 | .. | 87,988 | — 7·37 | 0·86 | — 1·77 | |
| 3. Godavari delta system. | 38,63,890 | .. | 21·09 | .. | 5,96,583 | 32,67,307 | .. | 20·77 | 19·10 | 21·09 | |
| 4. Mehamathur anicut system. | 16,337 | .. | 19·74 | .. | 2,861 | 13,476 | .. | 21·34 | 20·98 | 19·74 | |
| 5. Thadapallo channel .. | 42,080 | .. | 23·72 | .. | 5,561 | 36,519 | .. | 26·55 | 31·20 | 23·72 | |
| 6. Kalingarayan channel. | 42,162 | .. | 23·36 | .. | 5,852 | 36,310 | .. | 19·81 | 21·08 | 23·36 | |
| 7. Vriddhachalam anicut system. | 18,796 | .. | 17·75 | .. | 3,655 | 15,141 | .. | 23·02 | 18·89 | 17·75 | |
| 8. Chembrambakkam tank. | 22,915 | .. | 3·00 | .. | 21,875 | 1,040 | .. | 5·52 | 5·14 | 3·00 | |
| 9. Marudur anicut system. | 65,490 | .. | 108·93 | .. | 2,099 | 63,391 | .. | 58·05 | 104·97 | 108·93 | |
| 10. Penner river canals system. | 3,18,891 | .. | 4·65 | .. | 1,96,891 | 1,22,000 | .. | 6·97 | 7·03 | 4·65 | |
| 11. Arkenkota channel .. | 12,150 | .. | 8·41 | .. | 4,681 | 7,469 | .. | 10·68 | 9·50 | 8·41 | |
| 12. Tirukkoyilur anicut system. | 61,170 | .. | 15·32 | .. | 13,344 | 47,826 | .. | 12·72 | 13·16 | 15·32 | |
| 13. Shatiatope anicut system. | 1,35,270 | .. | 12·42 | .. | 36,146 | 99,124 | .. | 12·34 | 9·69 | 12·42 | |
| 14. Cheyyar anicut system. | 22,364 | .. | 4·17 | .. | 19,047 | 3,317 | .. | — 12·26 | — 5·97 | 4·17 | |
| 15. Cumbum tank .. | 8,710 | .. | 10·08 | .. | 2,793 | 5,917 | .. | — 3·46 | 5·50 | 10·08 | |
| 16. Poiney anicut system. | 32,630 | .. | 10·74 | .. | 10,840 | 21,790 | .. | 1·42 | — 1·55 | 10·74 | |
| 17. Periyar system .. | 6,25,754 | .. | 5·77 | .. | 3,51,030 | 2,74,724 | .. | 6·39 | 6·04 | 5·77 | |
| 18. Kistna delta system .. | 35,59,973 | .. | 17·25 | .. | 7,00,085 | 28,59,888 | .. | 18·02 | 17·04 | 17·25 | |
| 19. Nandyar channel system. | .. | 1,253 | .. | 1·91 | 2,132 | .. | 3,385 | 10·60 | 4·50 | — 1·25 | |
| 20. Ganjam minor river system. | 4,027 | .. | 1·39 | .. | 9,585 | .. | 5,558 | — 0·63 | — 4·12 | 1·39 | |
| 21. Lower Coleroon anicut system. | 2,94,125 | .. | 9·80 | .. | 1,15,612 | 1,78,513 | .. | 11·30 | 9·16 | 9·80 | |
| 22. Divi pumping system. | 1,54,657 | .. | 5·83 | .. | 98,580 | 56,077 | .. | 5·95 | 5·26 | 5·55 | |
| 23. Toludur reservoir project. | 67,050 | .. | 2·58 | .. | 1,05,385 | .. | 38,335 | 1·45 | 1·76 | 1·79 | |
| 24. Polavaram Island project. | 1,01,360 | .. | 6·21 | .. | 81,876 | 19,484 | .. | 7·27 | 4·58 | 5·99 | |
| 25. Cauvery-Mettur project. | 5,97,995 | .. | 0·91 | .. | 32,87,590 | .. | 26,89,595 | — 0·003 | 0·09 | 0·72 | |
| 26. Kattalai scheme .. | 41,742 | .. | 1·14 | .. | 1,70,291 | .. | 1,28,549 | 0·53 | 0·71 | 0·91 | |
| Total, A. Irrigation—(1) Productive. | 1,14,09,227 | .. | 7·60 | .. | 62,17,443 | 51,91,784 | .. | 6·68 | 6·21 | 6·72 | |
| (2) Unproductive Works. | | | | | | | | | | | |
| 1. Kurnool-Cuddapah canal. | 2,03,760 | .. | 0·87 | .. | 7,83,218 | .. | 5,79,458 | 0·34 | 0·31 | 0·33 | |
| 2. Barur tank .. .. | 10,628 | .. | 2·40 | .. | 13,945 | .. | 3,317 | 1·63 | 1·03 | 1·27 | |
| 3. Vallur anicut .. | .. | 622 | .. | 0·82 | 2,666 | .. | 3,288 | 3·19 | 2·59 | — 0·64 | |
| 4. Madras Water-supply and Irrigation works. | 51,245 | .. | 2·74 | .. | 55,639 | .. | 4,394 | 0·65 | 0·81 | 1·11 | |
| 5. Pelandorai anicut system. | 28,117 | .. | 4·06 | .. | 21,970 | 6,147 | .. | 3·09 | 3·00 | 2·49 | |
| 6. Palar .. .. .. | 37,041 | .. | 1·50 | .. | 78,547 | .. | 41,506 | 3·43 | 0·32 | 1·23 | |
| 7. Rushikulya system .. | 29,915 | .. | 0·53 | .. | 1,80,295 | .. | 1,50,380 | 0·55 | 0·26 | 0·29 | |
| 8. Muniyeru system .. | 30,625 | .. | 5·09 | .. | 19,039 | 11,586 | .. | 3·93 | 3·24 | 3·37 | |
| 9. Dondapad tank .. | 626 | .. | 0·45 | .. | 4,149 | .. | 3,523 | 0·06 | 0·10 | 0·20 | |
| 10. Yerur tank .. .. | .. | 266 | .. | 0·42 | 2,053 | .. | 2,319 | 0·88 | 3·67 | — 0·27 | |

**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 1934-1935—*cont.***

| Name of project. | Net Revenue. | | Percentage on capital outlay [column (11)]. | | Simple interest during 1934–35. | 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 (+). (20) | Deficit (—). (21) | Gain. (22) | Loss. (23) | (24) | (25) | (26) | During 1932–33. (27) | During 1933–34. (28) | During 1934–35. (29) | (30) |
| Works for which both Capital and Revenue Accounts are kept—*cont.* | RS. | RS. | | | RS. | RS. | RS. | | | | |
| *A. Irrigation Works*—cont. | | | | | | | | | | | |
| (2) Unproductive Works —*cont.* | | | | | | | | | | | |
| 11. Sagileru system .. | 4,679 | .. | 1·01 | .. | 14,867 | .. | 10,188 | — 0·53 | — 0·52 | 0·42 | 4 per cent (in the case of works sanctioned before 1st April 1919). |
| 12. Atmakur tank .. | .. | 1,652 | .. | 1·32 | 3,759 | .. | 5,411 | 0·80 | 0·85 | — 0·77 | |
| 13. Jangamaheswarapuram tank. | 452 | .. | 0·63 | .. | 2,038 | .. | 1,586 | — 1·49 | 0·41 | 0·36 | |
| 14. Anamasamudram-Beraperu tank. | 29 | .. | 0·04 | .. | 2,384 | .. | 2,355 | — 2·39 | 1·65 | 0·02 | |
| 15. Hajipuram tank .. | 1,456 | .. | 0·47 | .. | 9,270 | .. | 7,814 | 0·40 | 0·19 | 0·27 | |
| 16. Ponnalur tank .. | .. | 6,599 | .. | 3·02 | 6,892 | .. | 13,491 | — 0·20 | 0·67 | — 1·51 | |
| 17. Markapur tank .. | .. | 2,645 | .. | 2·05 | 4,280 | .. | 6,925 | 0·69 | — 2·30 | — 1·19 | |
| 18. Nagavalli river system. | 69,652 | .. | 4·02 | .. | 57,060 | 12,592 | .. | 3·31 | 2·97 | 3·32 | |
| 19. Venkatapuram tank .. | 908 | .. | 0·24 | .. | 12,848 | .. | 11,940 | — 0·13 | 0·16 | 0·13 | |
| 20. Bhavanasi tank .. | .. | 3,074 | .. | 1·16 | 9,818 | .. | 12,892 | 0·27 | — 0·23 | — 0·67 | |
| 21. Yellanur tank .. | .. | 161 | .. | 0·06 | 8,280 | .. | 8,441 | 0·55 | 0·73 | — 0·04 | |
| 22. Panjapatti reservoir .. | .. | 207 | .. | 0·06 | 12,286 | .. | 12,493 | — 0·05 | 0·23 | — 0·04 | |
| 23. Siddapur tank .. | 5,119 | .. | 0·64 | .. | 26,378 | .. | 21,259 | — 0·01 | 0·25 | 0·37 | |
| 24. Nagavaram anicut and supply channel. | 1,727 | .. | 1·57 | .. | 3,568 | .. | 1,841 | 1·32 | 0·63 | 1·05 | |
| 25. Mopad reservoir system. | 22,328 | .. | 0·97 | .. | 82,723 | .. | 60,395 | 0·90 | 0·23 | 0·59 | |
| 26. Kanniyampalaiyam anicut. | 1,521 | .. | 0·37 | .. | 4,980 | .. | 3,459 | 0·99 | 0·07 | 0·70 | |
| 27. Thippayapalem project. | .. | .. | .. | .. | 11,055 | .. | 11,055 | .. | .. | .. | |
| 28. Basavannah channel. | .. | .. | .. | .. | 27,249 | .. | 27,249 | .. | .. | .. | |
| Total, A. Irrigation—(2) Unproductive. | 4,84,602 | .. | 1·10 | .. | 14,61,256 | .. | 9,76,654 | 0·61 | 0·44 | 0·50 | |
| Total, A. Irrigation Works. | 1,18,93,829 | .. | 6·13 | .. | 76,78,699 | 42,15,130 | .. | 4·38 | 4·07 | 4·45 | |
| *B. Navigation, Embankment and Drainage Works.* | | | | | | | | | | | |
| (2) Unproductive. | | | | | | | | | | | |
| 1. Ganjam-Gopalpur canal. | 2 | .. | .. | .. | 4,758 | .. | 4,756 | 0·09 | .. | .. | |
| 2. Vedaranniyam canal. | .. | 29,867 | .. | 21·90 | 4,412 | .. | 34,279 | — 1·33 | — 2·72 | — 3·64 | |
| 3. Buckingham canal .. | .. | 1,22,332 | .. | 1·35 | 2,87,054 | .. | 4,09,386 | — 0·29 | — 0·39 | — 0·41 | |
| Total, (2) Unproductive Works. | .. | 1,52,197 | .. | 1·62 | 2,96,224 | .. | 4,48,421 | — 0·31 | — 0·44 | — 0·48 | |
| Total, B. Navigation, etc., Works. | .. | 1,52,197 | .. | 1·62 | 2,96,224 | .. | 4,48,421 | — 0·31 | — 0·44 | — 0·48 | |
| Total, Construction of Irrigation, etc., Works. | 1,17,41,632 | .. | 5·77 | .. | 79,74,923 | 37,66,709 | .. | 3·87 | 3·59 | 3·93 | |

## CAUVERY DELTA SYSTEM—*Canal Project.*

### No. 2.—Capital Account for and to end of 1934–1935.

| Heads of account. | Direct Charges. Previous. | 1934–1935 | Total. | Cost of construction as now estimated (construction estimate closed on 31st March 1889). | Expenditure against closed estimate. |
|---|---|---|---|---|---|
| | RS. | RS. | RS. | RS. | RS. |
| I. WORKS— | | | | | |
| (1) *Head Works*— | | | | | |
| B. Land .. .. .. | 26,775 | .. | 26,775 | 26,775 | 26,775 |
| C. Works .. .. | 19,65,288 | .. | 19,65,288 | 19,65,288 | 19,65,288 |
| K. Buildings .. .. | 15,692 | .. | 15,692 | 15,692 | 15,692 |
| L. Earthwork .. .. | 18,190 | .. | 18,190 | 18,190 | 18,190 |
| O. Miscellaneous .. | 14,670 | .. | 14,670 | 14,670 | 14,670 |
| Total .. | 20,40,615 | .. | 20,40,615 | 20,40,615 | 20,40,615 |
| (2) *Main Canals and Branches*— | | | | | |
| B. Land .. .. .. | 1,04,941 | 266 | 1,05,207 | 1,09,768 | 1,04,918 |
| C. Works .. .. | 11,691 | 120 | 11,811 | 12,734 | 3,634 |
| D. Regulators .. .. | 9,96,851 | 60,349 | 10,57,200 | 10,91,560 | 9,54,490 |
| F. (1) Other cross drainage works .. | 75,804 | .. | 75,804 | 75,804 | 75,804 |
| G. Bridges .. .. | 5,527 | .. | 5,527 | 5,527 | 5,527 |
| H. Escapes .. .. | 25,841 | .. | 25,841 | 25,841 | 25,841 |
| K. Buildings .. .. | 26,784 | .. | 26,784 | 26,784 | 26,784 |
| L. Earthwork .. .. | 90,981 | 1,306 | 92,287 | 97,063 | 89,163 |
| O. Miscellaneous .. | 9,111 | .. | 9,111 | 9,111 | 9,111 |
| Total .. | 13,47,531 | 62,041 | 14,09,572 | 14,54,192 | 12,95,272 |
| (3) *Distributaries*— | | | | | |
| B. Land .. .. .. | 48,611 | 282 | 48,893 | 59,381 | 48,611 |
| C. Works .. .. | 1,70,736 | 2,897 | 1,73,633 | 1,78,986 | 1,69,856 |
| L. Earthwork .. .. | 39,126 | 4,514 | 43,640 | 51,514 | 39,014 |
| O. Miscellaneous .. | — 22 | .. | — 22 | — 22 | — 22 |
| Total .. | 2,58,451 | 7,693 | 2,66,144 | 2,89,859 | 2,57,459 |
| (4) *Drainage and Protective Works*— | | | | | |
| A. Preliminary expenses | .. | .. | .. | .. | .. |
| B. Land .. .. | 1,63,340 | .. | 1,63,340 | 1,63,340 | 1,63,340 |
| C. Works .. .. | 8,11,999 | 1,644 | 8,13,643 | 8,13,643 | 8,13,643 |
| D. Regulators .. .. | 29,060 | .. | 29,060 | 29,060 | 29,060 |
| F. (1) Other cross drainage works .. | .. | .. | .. | .. | .. |
| G. Bridges .. .. | 19,347 | .. | 19,347 | 19,347 | 19,347 |
| L. Earthwork .. .. | 5,30,927 | 10 | 5,30,937 | 5,30,937 | 5,30,937 |
| O. Miscellaneous .. | 48,041 | .. | 48,041 | 48,041 | 48,041 |
| Total .. | 16,02,714 | 1,654 | 16,04,368 | 16,04,368 | 16,04,368 |
| (6) *Special Tools and Plant* .. | 1,33,495 | .. | 1,33,495 | 1,33,495 | 1,33,495 |
| Provision for unforeseen works .. | .. | .. | .. | .. | .. |
| Total outlay .. | 53,82,806 | 71,388 | 54,54,194 | 55,22,529 | 53,31,209 |
| Old outlay .. .. .. | 7,76,216 | .. | 7,76,216 | 7,76,216 | 7,76,216 |
| Total, Works .. | 61,59,022 | 71,388 | 62,30,410 | 62,98,745 | 61,07,425 |
| II. ESTABLISHMENT— | | | | | |
| Non-voted— | | | | | |
| Pay of officers .. .. | 55,180 | .. | 55,180 | .. | .. |
| Passage pay .. .. | 2,729 | .. | 2,729 | .. | .. |
| Travelling allowance .. | 4,275 | .. | 4,275 | .. | .. |



## CAUVERY DELTA SYSTEM—*Canal Project*—cont.

### No. 2.—Capital Account for and to end of 1934–1935—*cont.*

| Heads of account. | Direct Charges. Previous. | 1934–1935 | Total. | Cost of construction as now estimated (construction estimate closed on 31st March 1889). | Expenditure against closed estimate. |
|---|---|---|---|---|---|
| | RS. | RS. | RS. | RS. | RS. |
| II. ESTABLISHMENT—*cont.* | | | | | |
| Voted— | | | | | |
| Pay of officers .. .. | 38,448 | .. | 38,448 | .. | .. |
| Pay of establishment (temporary) .. .. | 99,455 | .. | 99,455 | .. | .. |
| Travelling allowance .. | 19,992 | .. | 19,992 | .. | . |
| Fixed travelling allowance .. .. .. | 8,443 | .. | 8,443 | .. | .. |
| Other compensatory allowance .. .. | 535 | .. | 535 | .. | .. |
| Contingencies .. .. | 3,021 | .. | 3,021 | .. | .. |
| Non-contract contingencies—Miscellaneous .. | 6,168 | .. | 6,168 | .. | .. |
| Total .. | 2,38,246 | .. | 2,38,246 | .. | .. |
| English cost of Establishment—Par value .. | 7,200 | .. | 7,200 | .. | .. |
| Loss by exchange .. | 2,405 | .. | 2,405 | .. | .. |
| *Deduct*—Charges debited to other heads of account .. | 1,23,938 | .. | 1,23,938 | .. | .. |
| *Add*— Amount debited by Transferred establishment .. | 11,13,264 | 23,895 | 11,37,159 | .. | .. |
| „ Pensionary charges .. | 28,267 | 1,959 | 30,226 | .. | .. |
| „ Amount debited by Mettur. | 34,680 | .. | 34,680 | .. | .. |
| „ Amount of Pensionary charges debited by Mettur .. .. | 3,087 | .. | 3,087 | .. | .. |
| Net total, Establishment .. | 13,03,211 | 25,854 | 13,29,065 | 13,40,085 | 12,89,540 |
| III. TOOLS AND PLANT— | | | | | |
| New supplies— | | | | | |
| Scientific instruments and drawing materials. | 2,449 | .. | 2,449 | .. | .. |
| Plant and Machinery .. | 21,776 | .. | 21,776 | .. | .. |
| Tools .. .. .. | 1,269 | .. | 1,269 | .. | .. |
| Office furniture .. .. | 2,235 | .. | 2,235 | .. | .. |
| Camp equipage .. .. | 290 | .. | 290 | .. | .. |
| Repairs and carriage .. | 1,325 | .. | 1,325 | .. | .. |
| | 29,344 | .. | 29,344 | .. | .. |
| *Deduct*—Charges debited to other heads of account .. | 6,450 | .. | 6,450 | .. | .. |
| *Add*— Amount debited by Transferred .. .. .. | 1,07 221 | 244 | 1,07,465 | .. | .. |
| „ Amount debited by Mettur. | 4,138 | .. | 4,138 | .. | .. |
| Net total, Tools and Plant .. | 1,34,253 | 244 | 1,34,497 | 1,37,772 | 1,33,946 |
| IV. SUSPENSE .. .. .. | — 1 | .. | — 1 | — 1 | — 1 |
| Grand total .. | 75,96,485 | 97,486 | 76,93.971 | 77,76,601 | 75,30,910 |
| V. *Less*—RECEIPTS ON CAPITAL ACCOUNT .. .. | 14,768 | .. | 14,768 | 14,768 | 14,768 |
| Net total outlay in India and England .. .. .. | 75,81,717 | 97,486 | 76,79,203 | 77,61,833 | 75,16,142 |
| *Add*—Loss by exchange .. | 2,405 | .. | 2,405 | 2,405 | 2,405 |
| *Deduct*—Establishment charges incurred in England .. | 9,605 | .. | 9,605 | 9,605 | 9,605 |
| Net outlay in India .. | 75,74,517 | 97,486 | 76,72,003 | 77,54,633 | 75,08,942 |
| Chargeable to 49. Irrigation Works .. .. .. .. | 43,53,369 | .. | 43,53.369 | .. | .. |
| Chargeable to 55 and 16-A. Irrigation Works—1. Productive. | 32,28,348 | 97,486 | 33,25,834 | .. | .. |
| Total .. | 75,81,717 | 97,486 | 76,79,203 | .. | .. |

## CAUVERY DELTA SYSTEM—*Canal Project*—cont.

### No. 3.—Revenue Account for and to end of 1934–1935.

| Receipts. | Total. Previous. | 1934–1933. | Total. |
|---|---|---|---|
| | RS. | RS. | RS. |
| I. DIRECT RECEIPTS— | | | |
| 3. Sales of water .. .. | 8,540 | 312 | 8,852 |
| 5. Receipts from plantations .. | 2,30,080 | 3,645 | 2,33,725 |
| 6. Receipts from other canal produce. | 1,45,243 | 2,304 | 1,47,547 |
| 8. Navigation .. .. .. | 150 | 218 | 368 |
| 9. Rents of buildings .. .. | 22,817 | 894 | 23,711 |
| 10. Fines .. .. .. .. | 291 | .. | 291 |
| 11. Miscellaneous .. .. | 85,261 | 286 | 85,547 |
| Recoveries of expenditure .. | 3,187 | 807 | 3,994 |
| *Deduct*—Refunds .. .. .. | 3,186 | 158 | 3,344 |
| Total, Revenue realized in Public Works Department .. .. | 4,92,383 | 8,308 | 5,00,691 |
| Irrigation Revenue realized in Civil Department .. .. .. | 5,97,11,800 | 20,96,562 | 6,18,08,362 |
| Total, Direct Receipts. | 6,02,04,183 | 21,04,870 | 6,23,09,053 |
| II. INDIRECT RECEIPTS— | | | |
| Share of land revenue collected in the Civil Department .. | 94,29,661 | 1,24,043 | 95,53,704 |
| Total, Public Works and Civil Departments, Revenue .. | 6,96,33,844 | 22,28,913 | 7,18,62,757 |
| Total, Receipts .. | 6,96,33,844 | 22,28,913 | 7,18,62,757 |

| Charges. | Total. Previous. | 1934–1935. | Total. |
|---|---|---|---|
| | RS. | RS. | RS. |
| I. EXTENSIONS AND IMPROVEMENTS— | | | |
| (1) Head Works.. .. .. .. | 4,39,269 | 14,429 | 4,53,698 |
| (2) Main canals and branches ... .. | 9,90,244 | 65,494 | 10,55,738 |
| (3) Distributaries .. .. .. | 8,20,492 | 13,703 | 8,34,195 |
| (4) Drainage and protective works .. | 3,62,370 | 20,294 | 3,82,664 |
| (5) Special tools and plant .. .. | 3,572 | .. | 3,572 |
| *Add*—Unclassifiable outlay .. .. | 35,651 | .. | 35,651 |
| Total .. | 26,51,598 | 1,13,920 | 27,65,518 |
| II. MAINTENANCE AND REPAIRS— | | | |
| (1) Head works .. .. .. .. | 7,43,485 | 40,563 | 7,84,048 |
| (2) Main canals and branches .. .. | 73,47,042 | 4,27,626 | 77,74,668 |
| (3) Distributaries .. .. .. | 26,10,701 | 28,865 | 26,39,566 |
| (4) Drainage and protective works .. | 13,49,307 | 51,715 | 14,01,022 |
| (5) Special tools and plant .. .. | 1,800 | .. | 1,800 |
| *Add*—Unclassifiable outlay .. .. | 36,27,372 | .. | 36,27,372 |
| Total .. | 1,56,79,707 | 5,48,769 | 1,62,28,476 |
| Total, Extensions and Improvements and Maintenance and Repairs .. .. | 1,83,31,305 | 6,62,689 | 1,89,93,994 |
| IV. ESTABLISHMENT .. .. .. | 67,32,811 | 2,59,001 | 69,91,812 |
| V. TOOLS AND PLANT .. .. .. | 2,10,414 | 2,274 | 2,12,688 |
| VI. REFUNDS OF REVENUE .. .. | 1,919 | .. | 1,919 |
| *Deduct*—Recoveries on Revenue account. | 4,921 | .. | 4,921 |
| Total, Direct charges .. | 2,52,71,528 | 9,23,964 | 2,61,95,492 |
| Share of collection charges in the Civil Department .. .. .. .. | 37,99,666 | 1,11,010 | 39,10,676 |
| Indirect charges .. .. .. .. | 9,07,923 | 6,922 | 9,14,845 |
| Total, Direct and Indirect charges .. | 2,99,79,117 | 10,41,896 | 3,10,21,013 |
| * *Deduct*—Old maintenance charges saved to Government .. .. .. .. | 1,36,07,766 | 1,45,306 | 1,37,53,072 |
| Net Total .. | 1,63,71,351 | 8,96,590 | 1,72,67,941 |
| Balance, Net Revenue .. | 5,32,62,493 | 13,32,323 | 5,45,94,816 |
| Grand Total .. | 6,96,33,844 | 22,28,913 | 7,18,62,757 |

| | RS. |
|---|---|
| * Direct— | |
| Maintenance and Repairs .. .. .. .. .. .. .. .. .. | 1,05,634 |
| Establishment .. .. .. .. .. .. .. .. .. .. | 38,255 |
| Tools and Plant .. .. .. .. .. .. .. .. .. | 361 |
| Total, Direct .. | 1,44,250 |
| Indirect .. .. .. .. .. .. .. .. .. .. .. | 1,056 |
| Total, Direct and Indirect .. | 1,45,306 |

## CAUVERY DELTA SYSTEM—*Canal Project*—cont.

### No. 4.—Interest Account for and to end of 1934-1935.

| | Amount. RS. | | Amount. RS. |
|---|---|---|---|
| Total interest charges to end of 1933-1934 .. .. .. | 79,00,729 | Net revenue realized to end of 1933-1934 .. .. .. | 5,32,62,493 |
| * Total interest charges for the year 1934-1935 .. .. | 3,16,442 | Net revenue realized during 1934-1935 .. .. .. | 13,32,323 |
| Balance net revenue .. .. | 4,63,77,645 | | |
| Total .. | 5,45,94,816 | Total .. | 5,45,94,816 |

| | RS. |
|---|---|
| * Interest at 3·3252 per cent on the outlay to end of 1916-1917 .. .. .. | 1,37,539 |
| Interest on the outlay of Rs. 34,94,213 from 1917-1918 to end of 1933-1934 plus half the outlay during 1934-1935 at 5·12 per cent .. .. .. .. | 1,78,903 |
| Total .. | 3,16,442 |

### No. 5.—Account of Indirect Charges for and to end of 1934-1935.

| Particulars. | Previous. | 1934-1935. | Total. |
|---|---|---|---|
| | RS. | RS. | RS |
| Capital— | | | |
| Capitalization of abatement of land revenues .. | 85,566 | 22 | 85,588 |
| Leave and pension allowances .. .. .. | 1,47,934 | .. | 1,47,934 |
| Audit and accounts .. .. .. .. .. | 26,537 | 714 | 27,251 |
| Total .. | 2,60,037 | 736 | 2,60,773 |
| Revenue— | | | |
| Capitalization of abatement of land revenue .. | 28,802 | 296 | 29,098 |
| Leave and pension allowances .. .. .. | 7,94,051 | .. | 7,94,051 |
| Audit and accounts .. .. .. .. .. | 85,070 | 6,626 | 91,696 |
| Total .. | 9,07,923 | 6,922 | 9,14,845 |
| Grand Total .. | 11,67,960 | 7,658 | 11,75,618 |



## CAUVERY DELTA SYSTEM—*Canal Project*—cont.

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

| Particulars. | CHARGES AGAINST CLOSED SANCTIONS. Expenditure against construction estimate. | Expenditure against open canal sanctions. | Total. | CURRENT SANCTIONS. Charges to date. | Unspent balance of estimate. | Amount of sanctioned estimate. | Total charges to date against old and current sanctions. | REMARKS. G.O. No. and date | Amount of estimate. |
|---|---|---|---|---|---|---|---|---|---|
| | RS. | RS. | RS. | RS. | RS. | RS. | RS. | | RS. |
| *Direct Charges.* | | | | | | | | | |
| Works .. .. | 13,07,547 | 47,99,878 | 61,07,425 | 1,22,985 | 68,335 | 1,91,320 | 62,30,410 | | |
| Establishment .. | 3,07,377 | 9,82,163 | 12,89,540 | 39,525 | 11,020 | 50,545 | 13,29,065 | | |
| Tools and plant. | 40,659 | 93,287 | 1,33,946 | 551 | 3,275 | 3,826 | 1,34,497 | | |
| Suspense account. | .. | — 1 | — 1 | .. | .. | .. | — 1 | | |
| Total .. | 16,55,583 | 58,75,327 | 75,30,910 | 1,63,061 | 82,630 | 2,45,691 | 76,93,971 | C.E.'s No. 490-32-P-3 of 22nd December 1932. | 52,770 |
| | | | | | | | | C.R. No. 8 of March 1933 .. | 40,500 |
| | | | | | | | | C.R. No. 9 of March 1933 .. | 36,000 |
| *Less*—Receipts on Capital account. | 1,985 | 12,783 | 14,768 | .. | .. | .. | 14,768 | C.R. No. 13 of July 1933 .. | 32,400 |
| Net Total—Outlay in India and England. | 16,53,598 | 58,62,544 | 75,16,142 | 1,63,061 | .. | 2,45,691 | 76,79,203 | C.R. No. 21 of February 1934. | 14,250 |
| *Add*—Loss by exchange. | .. | 2,405 | 2,405 | .. | .. | .. | 2,405 | C.R. No. 4 of March 1935 .. | 15,400 |
| *Deduct*—Establishment charges incurred in England. | .. | 9,605 | 9,605 | .. | .. | .. | 9,605 | Total .. | 1,91,320 |
| Net outlay in India. | 16,53,598 | 58,55,344 | 75,08,942 | 1,63,061 | 82,630 | 2,45,691 | 76,72,903 | | |

## CAUVERY DELTA SYSTEM—*Canal Project*—cont.

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

| 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. |
| *Indirect Charges.* | | | | | | | |
| Capitalized abatement of land revenue. | 66,184 | 19,404 | 85,588 | .. | 410 | 410 | 85,588 |
| Leave and pension allowances. | 57,144 | 90,790 | 1,47,934 | .. | .. | .. | 1,47,934 |
| Audit and accounts. | .. | 26,021 | 26,021 | 1,230 | 1,914 | 684 | 27,251 |
| Total .. | 1,23,328 | 1,36,215 | 2,59,543 | 1,230 | 2,324 | 1,094 | 2,60,773 |
| Grand Total—Outlay in India and England. | 17,76,926 | 59,98,759 | 77,75,685 | 1,64,291 | 2,48,015 | 83,724 | 79,39,976 |
| Grand Total—Outlay in India. | 17,76,926 | 59,91,559 | 77,68,485 | 1,64,291 | 2,48,015 | 83,724 | 79,32,776 |



FOR THE YEAR 1934–1935.

## SRIVAIKUNTAM ANICUT SYSTEM—*Canal Project.*

### No. 2.—Capital Account for and to end of 1934–1935.

| Heads of account. | Direct Charges. | | | Cost of construction as now estimated (construction estimate closed on 31st March 1889). | Expenditure against closed estimate. |
|---|---|---|---|---|---|
| | Previous. | 1934–1935. | Total. | | |
| | RS. | | RS. | RS. | RS. |
| WORKS— | | | | | |
| (1) *Head Works*— | | | | | |
| B. Land .. .. | 960 | .. | 960 | 960 | 960 |
| C. Works .. .. | 2,08,497 | .. | 2,08,497 | 2,08,497 | 2,08,497 |
| K. Buildings .. .. | 11,705 | .. | 11,705 | 11,705 | 11,705 |
| O. Miscellaneous .. | 24,999 | .. | 24,999 | 24,999 | 24,999 |
| Total .. | 2,46,161 | .. | 2,46,161 | 2,46,161 | 2,46,161 |
| (2) *Main Canals and branches*— | | | | | |
| B. Land .. .. | 48,103 | .. | 48,103 | 48,103 | 48,103 |
| D. Regulators .. .. | 54,491 | .. | 54,491 | 54,491 | 54,491 |
| E. Falls and weirs .. | 1,140 | .. | 1,140 | 1,140 | 1,140 |
| F. (1) Other cross drainage works .. | 35,838 | .. | 35,838 | 35,838 | 35,838 |
| G. Bridges .. .. | 29,201 | .. | 29,201 | 29,201 | 29,201 |
| H. Escapes .. .. | 6,938 | .. | 6,938 | 6,938 | 6,938 |
| K. Buildings .. .. | 2,025 | .. | 2,025 | 2,025 | 2,025 |
| L. Earthwork .. .. | 2,37,611 | .. | 2,37,611 | 2,37,611 | 2,37,611 |
| N. Tanks and reservoirs. | 3,62,964 | .. | 3,62,964 | 3,62,964 | 3,62,964 |
| O Miscellaneous .. | 1,312 | .. | 1,312 | 1,312 | 1,312 |
| Total .. | 7,79,623 | .. | 7,79,623 | 7,79,623 | 7,79,623 |
| (3) *Distributaries*— | | | | | |
| B. Land .. .. | 13,870 | .. | 13,870 | 13,870 | 13,870 |
| C. Works .. .. | 67,773 | .. | 67,773 | 67,773 | 67,773 |
| L. Earthwork .. .. | 1,23,421 | .. | 1,23,421 | 1,23,421 | 1,23,421 |
| N. Tanks and reservoirs. | 49,053 | .. | 49,053 | 49,053 | 49,053 |
| O. Miscellaneous .. | 40 | .. | 40 | 40 | 40 |
| Total .. | 2,54,157 | .. | 2,54,157 | 2,54,157 | 2,54,157 |
| (4) *Drainage and Protective Works*— | | | | | |
| B. Land .. .. | 2,439 | .. | 2,439 | 2,439 | 2,439 |
| C. Works .. .. | 2,998 | .. | 2,998 | 2,998 | 2,998 |
| L. Earthwork .. | 38,305 | .. | 38,305 | 38,305 | 38,305 |
| Total .. | 43,742 | .. | 43,742 | 43,742 | 43,742 |
| (6) *Special tools and plant* .. | .. | .. | .. | .. | .. |
| Provision for unforeseen works. | .. | .. | .. | .. | .. |
| Total, Works .. | 13,23,683 | .. | 13,23,683 | 13,23,683 | 13,23,683 |
| I. ESTABLISHMENT .. .. | 3,33,353 | .. | 3,33,353 | 3,33,353 | 3,33,353 |
| II. TOOLS AND PLANT .. .. | 10,792 | .. | 10,792 | 10,792 | 10,792 |
| Grand Total .. | 16,67,828 | .. | 16,67,828 | 16,67,828 | 16,67,828 |
| V. *Less*—RECEIPTS ON CAPITAL ACCOUNT .. .. | 369 | .. | 369 | 369 | 369 |
| (*a*) Net Total .. | 16,67,459 | .. | 16,67,459 | 16,67,459 | 16,67,459 |
| (*a*) Chargeable to 49. Irrigation Works .. .. .. | 16,55,399 | .. | 16,55,399 | | |
| Chargeable to 55-A. Irrigation Works—1. Productive .. .. .. | 12,060 | .. | 12,060 | | |
| Total .. | 16,67,459 | .. | 16,67,459 | | |

## SRIVAIKUNTAM ANICUT SYSTEM—*Canal Project*—cont.

### No. 3.—Revenue Account for and to end of 1934–1935.

| Receipts. | Total. Previous. RS. | 1934–1935. RS. | Total. RS. |
|---|---|---|---|
| I. DIRECT RECEIPTS— | | | |
| Water-supply of towns .. | 45,233 | 552 | 45,785 |
| Receipts from plantations. | 34,271 | 664 | 34,935 |
| Receipts from other canal produce .. .. .. | 90,096 | 5,177 | 95,273 |
| Water power .. .. | 171 | .. | 171 |
| Rents of buildings .. | 16,876 | 272 | 17,148 |
| Fines .. .. .. | 50 | .. | 50 |
| Miscellaneous .. .. | 13,472 | 116 | 13,588 |
| Recoveries of expenditure. | 94 | .. | 94 |
| *Deduct*—Refunds .. .. | 2,217 | 7 | 2,224 |
| Total, Revenue realized in Public Works Department .. .. | 1,98,046 | 6,774 | 2,04,820 |
| Irrigation Revenue realized in Civil Department .. .. | 71,16,950 | 1,45,179 | 72,62,129 |
| Total, Direct Receipts .. | 73,14,996 | 1,51,953 | 74,66,949 |
| II. INDIRECT RECEIPTS— | | | |
| Share of land revenue collected in the Civil Department .. | 1,00,139 | 1,490 | 1,01,629 |
| Total, Public Works and Civil Departments, Revenue .. | 74,15,135 | 1,53,443 | 75,68,578 |
| Total, Receipts .. | 74,15,135 | 1,53,443 | 75,68,578 |

| Charges. | Total. Previous. RS. | 1934–1935 RS. | Total. RS. |
|---|---|---|---|
| I. EXTENSIONS AND IMPROVEMENTS— | | | |
| (1) Head works .. .. .. | 58,190 | 365 | 58,555 |
| (2) Main canals and branches .. | 98,714 | 1,523 | 1,00,237 |
| (3) Distributaries .. .. .. | 31,448 | .. | 31,448 |
| (4) Drainage and protective works. | 2,51,991 | 1,469 | 2,53,460 |
| (5) Special tools and plant .. .. | .. | .. | .. |
| Total .. | 4,40,343 | 3,357 | 4,43,700 |
| II. MAINTENANCE AND REPAIRS— | | | |
| (1) Head works .. .. .. | 1,66,701 | 2,903 | 1,69,604 |
| (2) Main canals and branches .. | 11,70,719 | 35,621 | 12,06,340 |
| (3) Distributaries .. .. .. | 2,69,321 | .. | 2,69,321 |
| (4) Drainage and protective works . | 6,35,119 | 93,484 | 7,28,603 |
| (5) Special tools and plant .. .. | 12 | .. | 12 |
| *Add*—Unclassifiable outlay .. | .. | .. | .. |
| Total .. | 22,41,872 | 1,32,008 | 23,73,880 |
| Total, Extensions and Improvements and Maintenance and Repairs .. .. | 26,82,215 | 1,35,365 | 28,17,580 |
| IV. ESTABLISHMENT .. .. .. | 10,49,497 | 46,595 | 10,96,092 |
| V. TOOLS AND PLANT .. .. .. | 9,669 | 479 | 10,148 |
| VI. REFUNDS OF REVENUE .. .. | 660 | .. | 660 |
| *Deduct*—Recoveries on Revenue account .. .. .. .. .. | 55 | .. | 55 |
| Total, Direct Charges .. | 37,41,986 | 1,82,439 | 39,24,425 |
| Share of collection charges in the Civil Department .. .. .. .. | 3,77,417 | 7,333 | 3,84,750 |
| Indirect charges .. .. .. .. | 1,25,640 | 2,549 | 1,28,189 |
| Total, Direct and Indirect Charges .. | 42,45,043 | 1,92,321 | 44,37,364 |
| *Deduct*—* Old maintenance charges saved to Government .. .. .. .. | 4,71,293 | 7,497 | 4,78,790 |
| Net Total .. | 37,73,750 | 1,84,824 | 39,58,574 |
| Balance, net revenue .. | 36,41,385 | — 31,381 | 36,10,004 |
| Grand Total .. | 74,15,135 | 1,53,443 | 75,68,578 |

| | RS. |
|---|---|
| * Direct— | |
| Extensions and improvements .. .. .. | 352 |
| Maintenance and repairs .. .. .. | 5,208 |
| Establishment .. .. .. .. .. | 1,862 |
| Tools and plant .. .. .. .. .. | 19 |
| Total, Direct .. | 7,441 |
| Indirect .. .. .. .. .. .. | 56 |
| Total, Direct and Indirect .. | 7,497 |

## SRIVAIKUNTAM ANICUT SYSTEM—*Canal Project*—cont.

### No. 4.—Interest Account for and to end of 1934–1935.

| | Amount. RS. | | Amount. RS. |
|---|---|---|---|
| Total interest charges to end of 1933–1934 .. .. .. | 33,52,410 | Net revenue realized to end of 1933–1934 .. .. .. | 36,41,385 |
| * Total interest charges for the year 1934–1935 .. .. | 56,607 | Net revenue realized during 1934–1935 .. .. .. | — 31,381 |
| Balance, net revenue .. .. | 2,00,987 | | |
| Total .. | 36,10,004 | Total .. | 36,10,004 |
| * Interest at 3·3252 per cent on the outlay to end of 1916–1917. | 53,297 | | |
| Interest at 5·12 per cent on the outlay from 1917–1918 to end of 1933–1934 and half the outlay during 1934–1935, i.e., Rs. 64,640 .. .. .. | 3,310 | | |
| | 56,607 | | |

### No. 5.—Account of Indirect Charges for and to end of 1934–1935.

| Particulars. | Previous. RS. | 1934–1935. RS. | Total. RS. |
|---|---|---|---|
| Capital— | | | |
| Capitalization of abatement of land revenue .. | 41,229 | .. | 41,229 |
| Leave and pension allowances .. .. .. | 66,298 | .. | 66,298 |
| Audit and accounts .. .. .. .. .. | 77 | .. | 77 |
| Total .. | 1,07,604 | .. | 1,07,604 |
| Revenue— | | | |
| Capitalization of abatement of land revenue .. | 3,964 | 1,195 | 5,159 |
| Leave and pension allowances .. .. .. | 1,05,014 | .. | 1,05,014 |
| Audit and accounts .. .. .. .. .. | 16,662 | 1,354 | 18,016 |
| Total .. | 1,25,640 | 2,549 | 1,28,189 |
| Grand Total .. | 2,33,244 | 2,549 | 2,35,793 |



## SRIVAIKUNTAM 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. | Remarks. | |
|---|---|---|---|---|---|---|---|---|---|
| | Expenditure against construction estimate. | Expenditure against open canal sanctions. | Total. | Charges to date. | Amount of sanctioned estimate. | Unspent balance of estimate. | | G.O. No. and date. | Amount of estimate. |
| | RS. | RS. | RS. | | | | RS. | | |
| *Direct Charges.* | | | | | | | | | |
| 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 | | |
| *Less*—Receipts on Capital account .. | 369 | .. | 369 | .. | .. | .. | 369 | | |
| Net Total .. | 13,51,027 | 3,16,432 | 16,67,459 | .. | .. | .. | 16,67,459 | | |
| *Indirect Charges.* | | | | | | | | | |
| Capitalized abatement of land revenue .. | 40,408 | 821 | 41,229 | .. | .. | .. | 41,229 | | |
| Leave and pension allowances .. .. | 60,259 | 6,039 | 66,298 | .. | .. | .. | 66,298 | | |
| Audit and accounts .. | .. | 77 | 77 | .. | .. | .. | 77 | | |
| Total .. | 1,00,667 | 6,937 | 1,07,604 | .. | .. | .. | 1,07,604 | | |
| Grand Total .. | 14,51,694 | 3,23,369 | 17,75,063 | .. | .. | .. | 17,75,063 | | |

## GODAVARI DELTA SYSTEM—*Canal Project.*

### No. 2.—Capital Account for and to end of 1934–1935.

| Heads of account. | Direct Charges. Previous. | 1934-1935. | Total. | Cost of construction as now estimated (construction estimate closed on 31st March 1890). | Expenditure against closed estimate. |
|---|---|---|---|---|---|
| | RS. | RS. | RS. | RS. | RS. |
| WORKS— | | | | | |
| (1) *Head Works*— | | | | | |
| B. Land .. .. | 13,627 | .. | 13,627 | 13,627 | 13,627 |
| C. Works .. .. | 6,53,659 | — 140 | 6,53,519 | 7,58,745 | 6,34,245 |
| K. Buildings .. .. | 48,187 | .. | 48,187 | 48,187 | 48,187 |
| L. Earthwork .. .. | 61,467 | .. | 61,467 | 61,467 | 61,467 |
| O. Miscellaneous .. | 7,231 | .. | 7,231 | 7,231 | 7,231 |
| Total .. | 7,84,171 | — 140 | 7,84,031 | 8,89,257 | 7,64,757 |
| (2) *Main Canals and Branches*— | | | | | |
| A. Preliminary expenses .. .. .. | 51 | .. | 51 | 51 | 51 |
| B. Land .. .. | 64,559 | .. | 64,559 | 68,129 | 64,559 |
| C. Works .. .. | 9,266 | .. | 9,266 | 9,266 | 9,266 |
| D. Regulators .. .. | 1,33,967 | 31,509 | 1,65,476 | 1,66,595 | 86,325 |
| E. Falls and weirs .. | 22,495 | .. | 22,495 | 22,495 | 22,495 |
| F. River and hill-torrent works .. .. | 67,450 | .. | 67,450 | 67,450 | 67,450 |
| F. (1) Other cross drainage works .. .. | 80,068 | .. | 80,068 | 80,068 | 80,068 |
| G. Bridges .. .. | 85,958 | 122 | 86,080 | 86,080 | 86,080 |
| H. Escapes .. .. | 88,031 | .. | 88,031 | 88,031 | 88,031 |
| I. Navigation .. .. | 13,22,867 | .. | 13,22,867 | 13,22,867 | 13,22,867 |
| K. Buildings .. .. | 65,590 | .. | 65,590 | 65,590 | 65,590 |
| L. Earthwork .. .. | 9,49,862 | .. | 9,49,862 | 9,52,062 | 9,49,862 |
| O. Miscellaneous .. | 44,860 | .. | 44,860 | 44,860 | 44,860 |
| Unforeseen works .. | .. | .. | .. | .. | .. |
| Total .. | 29,35,024 | 31,631 | 29,66,655 | 29,73,544 | 28,87,504 |
| (3) *Distributaries*— | | | | | |
| A. Preliminary expenses .. .. .. | 1,139 | .. | 1,139 | 1,139 | 1,139 |
| B. Land .. .. | 1,53,554 | 4,493 | 1,58,047 | 1,76,131 | 1,21,615 |
| C. Works .. .. | 6,18,561 | 20,159 | 6,38,720 | 6,96,577 | 6,02,540 |
| D. Regulators .. .. | .. | 544 | 544 | 895 | .. |
| L. Earthwork .. .. | 4,37,308 | 9,717 | 4,47,025 | 4,68,420 | 3,90,005 |
| O. Miscellaneous .. | 26,302 | 50 | 26,352 | 38,640 | 25,704 |
| Unforeseen works .. | .. | .. | .. | .. | .. |
| Total .. | 12,36,864 | 34,963 | 12,71,827 | 13,81,802 | 11,41,003 |
| (4) *Drainage and Protective Works*— | | | | | |
| A. Preliminary expenses .. .. | .. | .. | .. | .. | .. |
| B. Land .. .. | 3,47,200 | .. | 3,47,200 | 4,10,021 | 1,88,154 |
| C. Works .. .. | 3,26,802 | 12,740 | 3,39,542 | 2,76,880 | 2,63,880 |
| D. Regulators .. | 3,529 | .. | 3,529 | 3,529 | 3,529 |
| H. Escapes .. .. | .. | .. | .. | .. | .. |
| L. Earthwork .. | 20,21,465 | 3,619 | 20,25,084 | 21,04,739 | 14,34,739 |
| O. Miscellaneous .. | 14,949 | .. | 14,949 | 82,013 | 14,643 |
| Unforeseen works .. | .. | .. | .. | .. | .. |
| Total .. | 27,13,945 | 16,359 | 27,30,304 | 28,77,182 | 19,04,945 |
| (6) *Special Tools and Plant* .. | 1,15,222 | 1,196 | 1,16,418 | 99,902 | — 98 |
| Total .. .. .. .. | 77,85,226 | 84,009 | 78,69,235 | 82,21,687 | 66,98,111 |
| Old outlay .. .. .. | 42,99,072 | .. | 42,99,072 | 42,99,072 | 42,99,072 |
| Total, Works .. | 1,20,84,298 | 84,009 | 1,21,68,307 | 1,25,20,759 | 1,09,97,183 |



## GODAVARI DELTA SYSTEM—*Canal Project*—cont.

### No. 2.—Capital Account for and to end of 1934–1935—*cont.*

| Heads of account. | Direct Charges. Previous. | 1934-1935. | Total. | Cost of construction as now estimated (contruction estimate closed on 31st March 1890). | Expenditure against closed estimate. |
|---|---|---|---|---|---|
| | RS. | RS. | RS. | RS. | RS. |
| II. ESTABLISHMENT .. .. | 31,17,167 | 31,098 | 31,48,265 | 30,87,675 | 27,20,220 |
| III. TOOLS AND PLANT .. .. | 9,53,292 | 1,133 | 9,54,425 | 9,69,213 | 9,43,609 |
| IV. SUSPENSE ACCOUNTS .. .. | .. | .. | .. | .. | .. |
| Grand Total .. | 1,61,54,757 | 1,16,240 | 1,62,70,997 | 1,65,77,647 | 1,46,61,012 |
| V. *Less*—RECEIPTS ON CAPITAL ACCOUNT .. .. .. | 7,858 | .. | 7,858 | 7,858 | 7,858 |
| Net Total .. | 1,61,46,899 | 1,16,240 | 1,62,63,139 | 1,65,69,789 | 1,46,53,154 |
| *Apportionment*— | | | | | |
| Chargeable to 49. Irrigation .. | 1,36,59,041 | .. | 1,36,59,041 | .. | .. |
| Chargeable to 55. and 16-A. Irrigation—1. Productive .. | 24,87,858 | 1,16,240 | 26,04,098 | .. | .. |
| Total .. | 1,61,46,899 | 1,16,240 | 1,62,63,139 | .. | .. |

## GODAVARI DELTA SYSTEM—*Canal Project*—cont.

### No. 3.—Revenue Account for and to end of 1934–1935.

| Receipts. | Total. Previous. | Total. 1934–1935. | Total. Total. |
|---|---|---|---|
| | RS. | RS. | RS. |
| I. DIRECT RECEIPTS— | | | |
| 1. Water-rates .. .. | 63 | .. | 63 |
| 3. Sale of water .. .. | 48,644 | 2,605 | 51,249 |
| 4. Water-supply of towns .. | 28,750 | 1,751 | 30,501 |
| 5. Receipts from plantations .. .. .. | 4,77,988 | 7,728 | 4,85,716 |
| 6. Receipts from other canal produce .. .. .. | 9,79,656 | 31,781 | 10,11,437 |
| 8. Navigation receipts .. | 60,76,952 | 1,87,876 | 62,64,828 |
| 9. Rents of buildings .. | 23,823 | 1,161 | 24,984 |
| 10. Fines .. .. .. | 6,106 | 4 | 6,110 |
| 11. Miscellaneous .. .. | 4,45,471 | 3,541 | 4,49,012 |
| Recoveries of expenditure .. | 7,972 | 3,364 | 11,336 |
| *Deduct*—Refunds .. | 11,114 | 486 | 11,600 |
| Total Revenue realized in Public Works Department .. .. | 80,84,311 | 2,39,325 | 83,23,636 |
| Irrigation Revenue realized in Civil Department .. .. | 19,23,18,385 | 48,64,534 | 19,71,82,919 |
| Total, Direct Receipts .. | 20,04,02,696 | 51,03,859 | 20,55,06,555 |
| II. INDIRECT RECEIPTS— | | | |
| Share of land revenue collected in the Civil Department .. .. | 1,30,12,816 | 2,28,484 | 1,32,41,300 |
| Total, Public Works and Civil Department—Revenue .. | 21,34,15,512 | 53,32,343 | 21,87,47,855 |
| Total, Receipts .. | 21,34,15,512 | 53,32,343 | 21,87,47,855 |

| Charges. | Total. Previous. | Total. 1934–1935. | Total. Total. |
|---|---|---|---|
| | RS. | RS. | RS. |
| I. EXTENSIONS AND IMPROVEMENTS— | | | |
| (1) Head works .. .. .. | 1,35,315 | 506 | 1,35,821 |
| (2) Main canals and branches .. | 8,97,809 | 23,446 | 9,21,255 |
| (3) Distributaries .. .. .. | 7,90,307 | 12,025 | 8,02,332 |
| (4) Drainage and protective works .. | 2,34,427 | 5,441 | 2,39,868 |
| (5) Special tools and plant .. .. | 87,882 | .. | 87,882 |
| Total .. | 21,45,740 | 41,418 | 21,87,158 |
| II. MAINTENANCE AND REPAIRS— | | | |
| (1) Head works .. .. .. | 21,06,610 | 99,834 | 22,06,444 |
| (2) Main canals and branches .. | 1,04,91,285 | 3,97,360 | 1,08,88,645 |
| (3) Distributaries .. .. .. | 46,18,424 | 96,930 | 47,15,354 |
| (4) Drainage and protective works .. | 30,01,167 | 1,74,666 | 31,75,833 |
| (5) Special tools and plant .. .. | 4,01,516 | .. | 4,01,516 |
| *Add*—Unclassifiable outlay .. | 27,27,548 | .. | 27,27,548 |
| Total .. | 2,33,45,550 | 7,69,790 | 2,41,15,340 |
| Total, Extensions and Improvements and Maintenance and Repairs .. .. | 2,54,92,290 | 8,10,208 | 2,63,02,498 |
| III. ESTABLISHMENT .. .. .. | 1,53,14,176 | 3,86,394 | 1,57,00,570 |
| V. TOOLS AND PLANT .. .. .. | 28,01,176 | 10,923 | 28,12,099 |
| VI. REFUNDS OF REVENUE .. .. | 19,950 | .. | 19,950 |
| *Deduct*—Recoveries on Revenue account. | 33,735 | .. | 33,735 |
| Total, Direct Charges .. | 4,35,93,857 | 12,07,525 | 4,48,01,382 |
| Share of collection charges in the Civil Department .. .. .. | 1,10,27,485 | 2,52,823 | 1,12,80,308 |
| Indirect charges .. .. .. | 21,74,486 | 8,105 | 21,82,591 |
| Total, Direct and Indirect Charges .. | 5,67,95,828 | 14,68,453 | 5,82,64,281 |
| Balance, net revenue .. | 15,66,19,684 | 38,63,890 | 16,04,83,574 |
| Grand Total .. | 21,34,15,512 | 53,32,343 | 21,87,47,855 |



## GODAVARI DELTA SYSTEM—*Canal Project*—cont.

### No. 4.—Interest Account for and to end of 1934–1935.

| | RS. | Amount. RS. | | Amount. RS. |
|---|---|---|---|---|
| Total interest charges to end of 1933–1934 .. .. .. | | 3,06,05,897 | Net revenue realized to end of 1933–1934 .. .. .. | 15,66,19,684 |
| Total interest charges for the year 1934–1935— | | | Net revenue realized during 1934–1935 .. .. .. | 38,63,890 |
| Interest at 3·3252 per cent on the outlay to end of 1916–1917. | 4,31,886 | | | |
| Interest at 5·12 per cent on the outlay from 1917–1918 to end of 1933–1934 plus half the outlay during 1934–1935, viz., Rs. 32,16,746. | 1,64,697 | 5,96,583 | | |
| Balance, net revenue .. .. | | 12,92,81,094 | | |
| Total .. | | 16,04,83,574 | Total .. | 16,04,83,574 |

### No. 5.—Account of Indirect Charges for and to end of 1934–1935.

| Particulars. | Previous. RS. | 1934–1935. RS. | Total. RS. |
|---|---|---|---|
| Capital— | | | |
| Capitalization of abatement of land revenue .. | 15,29,397 | 175 | 15,29,572 |
| Leave and pension allowances .. .. .. | 5,08,757 | .. | 5,08,757 |
| Audit and accounts .. .. .. .. .. | 18,293 | 840 | 19,133 |
| Total .. | 20,56,447 | 1,015 | 20,57,462 |
| Revenue— | | | |
| Capitalization of abatement of land revenue .. | 1,03,755 | 3 | 1,03,758 |
| Leave and pension allowances .. .. .. | 19,84,645 | .. | 19,84,645 |
| Audit and accounts .. .. .. .. .. | 86,086 | 8,102 | 94,188 |
| Total .. | 21,74,486 | 8,105 | 21,82,591 |
| Grand Total .. | 42,30,933 | 9,120 | 42,40,053 |

## 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. | Remarks. | |
|---|---|---|---|---|---|---|---|---|---|
| | Expenditure against construction estimate. | Expenditure against open canal sanction. | Total. | Charges to date. | Amount of sanctioned estimate. | Unspent balance of estimate. | | G.O. No. and date. | Amount of estimate. |
| | RS. | RS. | RS. | RS. | RS. | RS. | RS. | | |
| *Direct Charges.* | | | | | | | | | |
| Works .. .. | 79,85,366 | 30,11,817 | 1,09,97,183 | 11,71,124 | 15,23,576 | 3,52,452 | 1,21,68,307 | | |
| Establishment .. .. | 19,55,654 | 7,64,566 | 27,20,220 | 4,28,045 | 3,67,455 | — 60,590 | 31,48,265 | | |
| Tools and plant .. | 8,69,822 | 73,787 | 9,43,609 | 10,816 | 25,604 | 14,788 | 9,54,425 | | |
| Suspense account .. | .. | .. | .. | .. | .. | .. | .. | | |
| Total .. | 1,08,10,842 | 38,50,170 | 1,46,61,012 | 16,09,985 | 19,16,635 | 3,06,650 | 1,62,70,997 | | |
| *Less*—Receipts on capital account .. .. | 933 | 6,925 | 7,858 | .. | .. | .. | 7,858 | | |
| Net Total .. | 1,08,09,909 | 38,43,245 | 1,46,53,154 | 16,09,985 | 19,16,635 | 3,06,650 | 1,62,63,139 | | |
| *Indirect Charges.* | | | | | | | | | |
| Capitalized abatement of land revenue .. .. | 14,95,991 | 33,581 | 15,29,572 | .. | 4,943 | 4,943 | 15,29,572 | | |
| Leave and pension allowances .. .. | 3,92,601 | 86,159 | 4,78,760 | 29,997 | .. | — 29,997 | 5,08,757 | | |
| Audit and accounts .. | .. | 7,422 | 7,422 | 11,711 | 5,496 | — 6,215 | 19,133 | | |
| Total .. | 18,88,592 | 1,27,162 | 20,15,754 | 41,708 | 10,439 | — 31,269 | 20,57,462 | | |
| Grand Total .. | 1,26,98,501 | 39,70,407 | 1,66,68,908 | 16,51,693 | 19,27,074 | 2,75,381 | 1,83,20,601 | | |



| Government Order number and date. | Amount of estimate. |
|---|---|
| | RS. |
| Miscellaneous Nos. 108 I. of 25th March 1920 and 1836 I., 13th August 1932 (Godavari Western) | 9,74,000<br>77,000<br>21,237 |
| Circle Register No. 10 of February 1928 (Godavari Western) .. | 43,752 |
| Do. No. 1 of April 1930 ( Do. ) .. | 15,802 |
| Do. No. 6 of August 1930 ( Do. ) .. | 11,550 |
| Divisional Register No 14 of October 1930 ( Do. ) .. | 3,764 |
| Chief Engineer's No. 55 I. of 1931–32 and G.O. No. 661 I., dated 15th March 1732. (Godavari Head Works) .. .. .. .. .. | 1,24,500 |
| Circle Register No. 5 of March 1932 (Godavari Western) .. | 18,400 |
| Divisional Register No. 2 of April 1931 ( Do. ) .. | 3,635 |
| Do. No. 5 of August 1931 ( Do. ) .. | 3,620 |
| Do. No. 8 of February 1932 ( Do. ) .. | 3,385 |
| Circle Register No. 3 of January 1933 ( Do. ) .. | 5,245 |
| Chief Engineer's No. 6 I. of 1932–33 ( Do. ) .. | 80,900 |
| Divisional Register No. 1 of April 1932 ( Do. ) .. | 5,000 |
| Do. No. 5 of 1932–33 ( Do. ) .. | 855 |
| Do. No. 4 of August 1932 ( Do. ) .. | 3,900 |
| Do. No. 6 of January 1934 ( Do. ) .. | 3,875 |
| Circle Register No. 4 of January 1934 ( Do. ) .. | 5,168 |
| Divisional Register No. 1 of 1933–34 ( Do. ) .. | 3,714 |
| Circle Register No. 2 of 1933–34 ( Do. ) .. | 5,480 |
| Divisional Register No. 5 of January 1934 ( Do. ) .. | 4,336 |
| Do. No 7 of January 1934 ( Do. ) .. | 3,337 |
| Do. No. 92 of May 1934 ( Do. ) .. | 4,170 |
| Circle Register No. 1 of November 1934 ( Do. ) .. | 88,885 |
| Divisional Register No. 282 of 1934–35 ( Do. ) .. | 4,106 |
| Circle Register No. 1 of 1934–35 (included in the return of sanctions of the Executive Engineer, Godavari Western) .. .. .. .. | 3,960 |
| Total .. | 15,23,576 |

## MEHAMATHUR ANICUT SYSTEM—*Canal Project.*

### No. 2.—Capital Account for and to end of 1934–1935.

| Heads of account. | Direct Charges. Previous. | 1934–1935. | Total. | Cost of construction as now estimated (construction estimate closed in March 1891). | Expenditure against closed estimate. |
|---|---|---|---|---|---|
| | RS. | RS. | RS. | RS. | RS. |
| I. WORKS— | | | | | |
| (1) *Head Works*— | | | | | |
| C. Works .. .. | 56,967 | .. | 56,967 | 56,967 | 56,967 |
| (2) *Main canals and branches*— | | | | | |
| C. Works .. .. | 5,286 | 7 | 5,293 | 5,293 | 5,293 |
| E. Falls and weirs .. | 1,844 | .. | 1,844 | 1,844 | 1,844 |
| (3) *Distributaries*— | | | | | |
| C. Works .. .. | 563 | .. | 563 | 563 | 563 |
| Total, Works .. | 64,660 | 7 | 64,667 | 64,667 | 64,667 |
| II. ESTABLISHMENT .. .. | 16,005 | 2 | 16,007 | 16,007 | 16,007 |
| III. TOOLS AND PLANT .. | 17 | .. | 17 | 17 | 17 |
| Grand Total .. | 80,682 | 9 | 80,691 | 80,691 | 80,691 |
| Chargeable to 43. Provincial Irrigation .. .. .. | 72,538 | .. | 72,538 | .. | .. |
| Chargeable to 55. and 16-A. Irrigation—1. Productive .. | 8,144 | 9 | 8,153 | .. | .. |
| Total .. | 80,682 | 9 | 80,691 | .. | .. |



## MEHAMATHUR ANICUT SYSTEM—*Canal Project*—cont.

### No. 3.—Revenue Account for and to end of 1934–1935.

| Receipts. | Total. Previous. | 1934–1935. | Total. |
|---|---|---|---|
| | RS. | RS. | RS. |
| I. DIRECT RECEIPTS— | | | |
| 5. Receipts from plantations. | 1,588 | 19 | 1,607 |
| 6. Receipts from other canal produce .. .. | 3,093 | 9 | 3,102 |
| 9. Rents of buildings .. | 120 | .. | 120 |
| 11. Miscellaneous .. .. | 363 | 500 | 863 |
| Recoveries of expenditure .. | 16 | .. | 16 |
| *Deduct*—Refunds .. .. | 11 | 38 | 49 |
| Total, Revenue realized in Public Works Department | 5,169 | 490 | 5,659 |
| Irrigation revenue realized in Civil Department .. .. .. | 8,09,729 | 22,779 | 8,32,508 |
| Total, Direct Receipts .. | 8,14,898 | 23,269 | 8,38,167 |

| Charges. | Total. Previous. | 1934–1935. | Total. |
|---|---|---|---|
| | RS. | RS. | RS. |
| I. EXTENSIONS AND IMPROVEMENTS— | | | |
| (1) Head works .. .. .. | 2,938 | .. | 2,938 |
| (2) Main canals and branches .. | 14,309 | 509 | 14,818 |
| (3) Distributaries .. .. | 5,116 | .. | 5,116 |
| (4) Drainage and protective works .. | .. | .. | .. |
| (5) Special tools and plant .. .. | .. | .. | .. |
| *Add*—Unclassifiable outlay .. | 9,521 | .. | 9,521 |
| Total .. | 31,884 | 509 | 32,393 |
| II. MAINTENANCE AND REPAIRS— | | | |
| (1) Head works .. .. .. | 54,009 | 664 | 54,673 |
| (2) Main canals and branches .. | 69,495 | 2,311 | 71,806 |
| (3) Distributaries .. .. | 33,964 | 1,124 | 35,088 |
| (4) Drainage and protective works .. | 862 | .. | 862 |
| (5) Special tools and plant .. .. | .. | .. | .. |
| *Add*—Unclassifiable outlay .. | 45,826 | .. | 45,826 |
| Total .. | 2,04,156 | 4,099 | 2,08,255 |
| Total, Extensions and Improvements and Maintenance and Repairs .. .. | 2,36,040 | 4,608 | 2,40,648 |
| IV. ESTABLISHMENT .. .. .. | 62,401 | 2,187 | 64,588 |
| V. TOOLS AND PLANT .. .. .. | 603 | 16 | 619 |
| VI. REFUNDS OF REVENUE .. .. | 4 | .. | 4 |
| *Deduct*—Recoveries on Revenue Account .. .. .. .. | 9 | .. | 9 |
| Total, Direct Charges .. | 2,99,039 | 6,811 | 3,05,850 |

## MEHAMATHUR ANICUT SYSTEM—*Canal Project*—cont.

### No. 3.—Revenue Account for and to end of 1934-1935—*cont.*

| Receipts. | Total. Previous. | Total. 1934-1935. | Total. Total. |
|---|---|---|---|
| | RS. | RS. | RS. |
| I. INDIRECT RECEIPTS— | | | |
| Share of land revenue collected in the Civil Department .. .. .. | 4,170 | 196 | 4,366 |
| Total, Public Works and Civil Departments, Revenue .. | 8,19,068 | 23,465 | 8,42,533 |
| Total, Receipts .. | 8,19,068 | 23,465 | 8,42,533 |

| Charges. | Total. Previous. | Total. 1934-1935. | Total. Total. |
|---|---|---|---|
| | RS. | RS. | RS. |
| Share of collection charges in the Civil Department .. .. .. .. | 40,678 | 1,145 | 41,821 |
| Indirect charges .. .. .. .. | 7,840 | 46 | 7,886 |
| Total, Direct and Indirect Charges .. | 3,47,555 | 8,002 | 3,55,557 |
| *Deduct*—Old maintenance charges saved to Government (*a*) .. .. | 28,554 | 874 | 29,428 |
| Net Total .. | 3,19,001 | 7,128 | 3,26,129 |
| Balance, net revenue .. .. .. | 5,00 067 | 16,337 | 5,16,404 |
| Grand Total .. | 8,19,068 | 23,465 | 8,42,533 |

| | RS. |
|---|---|
| (*a*) Extensions and Improvements .. .. | 126 |
| Maintenance and Repairs .. .. | 510 |
| Establishment .. .. .. | 230 |
| Tools and Plant .. .. .. | 2 |
| Total, Direct Charges .. | 868 |
| Indirect Charges .. .. .. | 6 |
| Total, Direct and Indirect .. | 874 |



## MEHAMATHUR ANICUT SYSTEM—*Canal Project*—cont.

### No. 4.—Interest Account for and to end of 1934-1935.

| | RS. | Amount. RS. |
|---|---|---|
| Total interest charges to end of 1933-1934 .. .. .. | | 1,70,141 |
| Total interest charges for the year 1934-1935 .. .. .. | | |
| Interest at 3·3252 per cent on the outlay to end of 1916-1917. | 2,353 | |
| Interest at 5·12 per cent on the outlay of Rs. 9,926 from 1917-1918 to 1933-1934 plus half the outlay during 1934-1935. | 508 | 2,861 |
| Balance, net revenue .. .. | | 3,43,402 |
| Total .. | | 5,16,404 |

| | Amount. RS. |
|---|---|
| Net revenue realized to end of 1933-1934 .. .. .. | 5,00,067 |
| Net revenue realized during 1934-1935 .. .. .. | 16,337 |
| Total .. | 5,16,404 |

### No. 5.—Account of Indirect Charges for and to end of 1934-1935.

| Particulars. | Previous. | 1934-1935. | Total. |
|---|---|---|---|
| | RS. | RS. | RS. |
| CAPITAL— | | | |
| Capitalization of abatement of land revenue .. | 45 | .. | 45 |
| Leave and pension allowances .. .. .. | 1,958 | .. | 1,958 |
| Audit and accounts .. .. .. .. .. | 59 | .. | 59 |
| Total .. | 2,062 | .. | 2,062 |
| REVENUE— | | | |
| Capitalization of abatement of land revenue .. | 354 | .. | 354 |
| Leave and pension allowances .. .. .. | 6,986 | .. | 6,986 |
| Audit and accounts .. .. .. .. .. | 500 | 46 | 546 |
| Total .. | 7,840 | 46 | 7,886 |
| Grand Total .. | 9,902 | 46 | 9,948 |

## 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. |
| *Direct Charges.* | | | | | | |
| Works .. .. | 56,289 | 8,378 | 64,667 | .. | .. | 64,667 |
| Establishment .. .. | 12,946 | 3,061 | 16,007 | .. | .. | 16,007 |
| Tools and plant .. .. | .. | 17 | 17 | .. | .. | 17 |
| Suspense account .. .. | .. | .. | .. | .. | .. | .. |
| Total .. | 69,235 | 11,456 | 80,691 | .. | .. | 80,691 |
| *Less*—Receipts on Capital Account .. | .. | .. | .. | .. | .. | .. |
| Net Total .. | 69,235 | 11,456 | 80,691 | .. | .. | 80,691 |
| *Indirect Charges.* | | | | | | |
| Capitalized abatement of land revenue .. | .. | 45 | 45 | .. | .. | 45 |
| Leave and pension allowances .. .. | 1,812 | 146 | 1,958 | .. | .. | 1,958 |
| Audit and accounts .. | .. | 59 | 59 | .. | .. | 59 |
| Total .. | 1,812 | 250 | 2,062 | .. | .. | 2,062 |
| Grand Total .. | 71,047 | 11,706 | 82,753 | .. | .. | 82,753 |



ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1934–1935.

## THADAPALLE CHANNEL—*Canal Project.*

### No. 2.—Capital Account for and to end of 1934–1935.

| Heads of account. | Direct Charges. Previous. | 1934–1935. | Total. | Cost of construction as now estimated (construction estimate closed in 1893). | Expenditure against closed estimate. |
|---|---|---|---|---|---|
| | RS. | | RS. | RS. | RS. |
| I. WORKS— | | | | | |
| (1) *Head Works*— | | | | | |
| C. Works .. .. | 73,406 | .. | 73,406 | 73,406 | 73,406 |
| K. Buildings .. .. | 1,311 | .. | 1,311 | 1,311 | 1,311 |
| Total .. | 74,717 | .. | 74,717 | 74,717 | 74,717 |
| (2) *Main Canals and Branches*— | | | | | |
| B. Land .. .. | 1,880 | .. | 1,880 | 1,880 | 1,880 |
| D. Regulators .. | 36,546 | .. | 36,546 | 36,546 | 36,546 |
| F. (1) Other cross drainage works. | 1,096 | .. | 1,096 | 1,096 | 1,096 |
| K. Buildings .. | 1,442 | .. | 1,442 | 1,442 | 1,442 |
| L. Earthwork .. | 1,384 | .. | 1,384 | 1,384 | 1,384 |
| O. Miscellaneous .. | 1,836 | .. | 1,836 | 1,836 | 1,836 |
| Total .. | 44,184 | .. | 44,184 | 44,184 | 44,184 |
| (3) *Distributaries*— | | | | | |
| B. Land .. .. | .. | .. | .. | .. | .. |
| C. Works .. .. | 355 | .. | 355 | 355 | 355 |
| L. Earthwork .. | 17,275 | .. | 17,275 | 17,275 | 17,275 |
| O. Miscellaneous .. | .. | .. | .. | .. | .. |
| Total .. | 17,630 | .. | 17,630 | 17,630 | 17,630 |
| Total, Works .. | 1,36,531 | .. | 1,36,531 | 1,36,531 | 1,36,531 |
| II. ESTABLISHMENT .. .. | 29,836 | .. | 29,836 | 29,836 | 29,836 |
| III. TOOLS AND PLANT .. | 16 | .. | 16 | 16 | 16 |
| Grand Total .. | 1,66,383 | .. | 1,66,383 | 1,66,383 | 1,66,383 |
| Chargeable to "43. Minor Works and Navigation—Provincial." | 1,64,755 | .. | 1,64,755 | .. | .. |
| "55-A. Irrigation—Productive." | 1,628 | .. | 1,628 | .. | .. |
| Total .. | 1,66,383 | .. | 1,66,383 | .. | .. |

## THADAPALLE CHANNEL—*Canal Project*—cont.

### No. 3.—Revenue Account for and to end of 1934–1935.

| Receipts. | Total. Previous. | 1934–1935. | Total. |
|---|---|---|---|
| | RS. | RS. | RS. |
| DIRECT RECEIPTS— | | | |
| 5. Receipts from plantations. | 12,485 | 1,222 | 13,707 |
| 6. Receipts from other canal produce .. .. .. | 4,845 | .. | 4,845 |
| 9. Rents of buildings .. | 1,804 | 98 | 1,902 |
| 11. Miscellaneous .. .. | 27,456 | 128 | 27,584 |
| Total, Revenue realized in Public Works Department .. .. | 46,590 | 1,448 | 48,038 |
| Irrigation Revenue realized in Civil Department .. .. .. | 25,90,146 | 59,227 | 26,49,373 |
| Total, Direct Receipts .. | 26,36,736 | 60,675 | 26,97,411 |
| INDIRECT RECEIPTS— | | | |
| Share of land revenue collected in the Civil Department .. | 1,90,998 | 2,929 | 1,93,927 |
| Total, Public Works and Civil Departments, Revenue .. | 28,27,734 | 63,604 | 28,91,338 |
| Total, Receipts .. | 28,27,734 | 63,604 | 28,91,338 |

| Charges. | Total. Previous. | 1934–1935. | Total |
|---|---|---|---|
| | RS. | RS. | RS. |
| I. EXTENSIONS AND IMPROVEMENTS— | | | |
| (1) Head works .. .. .. | 6,707 | .. | 6,707 |
| (2) Main canals and branches .. | 33,916 | 2,334 | 36,250 |
| (3) Distributaries .. .. .. | 9,328 | .. | 9,328 |
| (4) Drainage and protective works .. | .. | .. | .. |
| (5) Special tools and plant .. .. | 74 | .. | 74 |
| *Add*—Unclassifiable outlay .. | 7,726 | .. | 7,726 |
| Total .. | 57,751 | 2,334 | 60,085 |
| II. MAINTENANCE AND REPAIRS— | | | |
| (1) Head works .. .. .. | 55,359 | 1,435 | 56,794 |
| (2) Main canals and branches .. | 3,55,868 | 13,322 | 3,69,190 |
| (3) Distributaries .. .. .. | 8,627 | .. | 8,627 |
| (4) Drainage and protective works .. | .. | .. | .. |
| (5) Special tools and plant .. .. | .. | .. | .. |
| *Add*—Unclassifiable outlay .. | 1,99,673 | .. | 1,99,673 |
| Total .. | 6,19,527 | 14,757 | 6,34,284 |
| Total, Extensions and Improvements and Maintenance and Repairs .. | 6,77,278 | 17,091 | 6,94,369 |
| IV. ESTABLISHMENT .. .. .. | 1,69,578 | 5,742 | 1,75,320 |
| V. TOOLS AND PLANT .. .. .. | 3,314 | 92 | 3,406 |
| VI. REFUNDS OF REVENUE .. .. | 22 | .. | 22 |
| *Deduct*—Recoveries on Revenue Account .. | 11 | .. | 11 |
| Total, Direct Charges .. | 8,50,181 | 22,925 | 8,73,106 |
| Share of collection charges in the Civil Department .. .. .. .. | 1,39,058 | 3,108 | 1,42,166 |
| Indirect Charges .. .. .. .. | 20,635 | 171 | 20,806 |
| Total, Direct and Indirect Charges .. | 10,09,874 | 26,204 | 10,36,078 |
| *Deduct*—Old maintenance charges saved to Government * .. .. .. .. | 1,03,361 | 4,680 | 1,08,041 |
| Net Total .. | 9,06,513 | 21,524 | 9,28,037 |
| Balance, net revenue .. .. .. | 19,21,221 | 42,080 | 19,63,301 |
| Grand Total .. | 28,27,734 | 63,604 | 28,91,338 |

* Direct—

| | RS. |
|---|---|
| Extensions and improvements .. .. | 3,569 |
| Maintenance and repairs .. .. .. | .. |
| Establishment .. .. .. .. .. | 1,056 |
| Tools and Plant .. .. .. .. | 19 |
| Total, Direct .. | 4,644 |
| Indirect .. .. .. .. .. .. | 36 |
| Total, Direct and Indirect .. | 4,,680 |

THADAPALLE CHANNEL—*Canal Project*—cont.

## No. 4.—Interest Account for and to end of 1934–1935.

| | Amount. RS. | | Amount. RS. |
|---|---|---|---|
| Total interest charges to end of 1933–1934 .. .. .. | 3,31,638 | Net revenue realized to end of 1933–1934 .. .. .. | 19,21,221 |
| * Total interest charges for the year 1934–1935 .. .. | 5,561 | Net revenue realized during 1934–1935 .. .. .. | 42,080 |
| Balance, net revenue .. .. | 16,26,102 | | |
| Total .. | 19,63,301 | Total .. | 19,63,301 |
| * Interest at 3·3252 per cent on the outlay to end of 1916–1917. | 5,478 | | |
| Interest at 5·12 per cent on the outlay of Rs. 1,628 from 1917–1918 to end of 1933–1934 plus half the outlay during 1934–1935 .. .. .. .. | 83 | | |
| Total .. | 5,561 | | |

## No. 5.—Account of Indirect Charges for and to end of 1934–1935.

| Particulars. | Previous. RS. | 1934–1935 RS. | Total. RS. |
|---|---|---|---|
| CAPITAL— | | | |
| Capitalization of abatement of land revenue .. | 6,915 | .. | 6,915 |
| Leave and pension allowances .. .. .. | 4,135 | .. | 4,135 |
| Audit and accounts .. .. .. .. .. | 13 | .. | 13 |
| Total .. | 11,063 | .. | 11,063 |
| REVENUE— | | | |
| Capitalization of abatement of land revenue .. | 90 | .. | 90 |
| Leave and pension allowances .. .. .. | 18,518 | .. | 18,518 |
| Audit and accounts .. .. .. .. .. | 2,027 | 171 | 2,198 |
| Total .. | 20,635 | 171 | 20,806 |
| Grand Total .. | 31,698 | 171 | 31,869 |



THADAPALLE CHANNEL—*Canal Project*—cont.

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

| Particulars. | Charges against closed sanctions. | | | Current sanctions. | | | Total charges to date against old and current sanctions. |
|---|---|---|---|---|---|---|---|
| | 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 .. .. | 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.* | | | | | | | |
| Capitalised 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 |

## KALINGAROYAN CHANNEL—*Canal Project.*

### No. 2.—Capital Account for and to end of 1934–1935.

| Heads of account. | Direct Charges. Previous. | Direct Charges. 1934–1935. | Direct Charges. Total. | Cost of construction as now estimated (construction estimate closed in 1893). | Expenditure against closed estimate. |
|---|---|---|---|---|---|
| | RS. | | RS. | RS. | RS. |
| I. WORKS— | | | | | |
| (1) *Headworks*— | | | | | |
| B. Land .. .. | .. | .. | .. | .. | .. |
| C. Works .. .. | 46,690 | .. | 46,690 | 46,690 | 46,690 |
| K. Building .. | 1,162 | .. | 1,162 | 1,162 | 1,162 |
| Total .. | 47,852 | .. | 47,852 | 47,852 | 47,852 |
| (2) *Main Canals and Branches*— | | | | | |
| D. Regulators .. | 67,543 | .. | 67,543 | 67,543 | 67,543 |
| F. River and hill torrent works .. | 8,557 | .. | 8,557 | 8,557 | 8,557 |
| G. Bridges .. | 897 | .. | 897 | 897 | 897 |
| L. Earthwork .. | 3,981 | .. | 3,981 | 3,981 | 3,981 |
| O. Miscellaneous .. | 14,959 | .. | 14,959 | 14,959 | 14,959 |
| Total .. | 95,937 | .. | 95,937 | 95,937 | 95,937 |
| Total, Works .. | 1,43,789 | .. | 1,43,789 | 1,43,789 | 1,43,789 |
| II. ESTABLISHMENT .. .. | 32,191 | .. | 32,191 | 32,191 | 32,191 |
| III. TOOLS AND PLANT .. | .. | .. | .. | .. | .. |
| * Grand Total .. | 1,75,980 | .. | 1,75,980 | 1,75,980 | 1,75,980 |

* Chargeable to "43. Minor Works and Navigation—Provincial."



## KALINGAROYAN CHANNEL—*Canal Project*—cont.

### No. 3.—Revenue Account for and to end of 1934–1935.

| Receipts. | Total. Previous. | Total. 1934–1935. | Total. Total. |
|---|---|---|---|
| | RS. | RS. | RS. |
| DIRECT RECEIPTS— | | | |
| 5. Receipts from plantations. | 16,665 | 1,258 | 17,923 |
| 6. Receipts from other canal produce .. .. | 11,199 | .. | 11,199 |
| 9. Rents of buildings .. | 1,093 | 75 | 1,168 |
| 11. Miscellaneous .. .. | 40,722 | 96 | 40,818 |
| *Deduct*—Refunds .. .. | 95 | .. | 95 |
| Total, Revenue realized in Public Works Department | 69,584 | 1,429 | 71,013 |
| Irrigation revenue realized in Civil Department .. .. | 17,97,906 | 58,519 | 18,56,425 |
| Total, Direct Receipts .. | 18,67,490 | 59,948 | 19,27,438 |

| Charges. | Total. Previous. | Total. 1934–1935. | Total. Total. |
|---|---|---|---|
| | RS. | RS. | RS. |
| I. EXTENSIONS AND IMPROVEMENTS— | | | |
| (1) Headworks .. .. | 3,540 | .. | 3,540 |
| (2) Main canals and branches .. | 18,416 | 6 | 18,422 |
| (3) Distributaries .. .. | 280 | .. | 280 |
| (4) Drainage and protective works .. | .. | .. | .. |
| (5) Special tools and plant .. .. | .. | .. | .. |
| *Add*—Unclassifiable outlay .. | 11,569 | .. | 11,569 |
| Total .. | 33,805 | 6 | 33,811 |
| II. MAINTENANCE AND REPAIRS— | | | |
| (1) Head works .. .. | 94,427 | 586 | 95,013 |
| (2) Main canals and branches .. | 3,15,203 | 14,674 | 3,29,877 |
| (3) Distributaries .. .. | .. | .. | .. |
| (4) Drainage and protective works .. | .. | .. | .. |
| (5) Special tools and plant .. .. | — 50 | .. | — 50 |
| *Add*—Unclassifiable outlay .. .. | 3,53,846 | .. | 3,53,846 |
| Total .. | 7,63,426 | 15,260 | 7,78,686 |
| Total, Extensions and Improvements and Maintenance and Repairs .. .. | 7,97,231 | 15,266 | 8,12,497 |
| IV. ESTABLISHMENT .. .. .. | 1,97,847 | 5,053 | 2,02,900 |
| V. TOOLS AND PLANT .. .. .. | 2,975 | 82 | 3,057 |
| VI. REFUNDS OF REVENUE .. .. | 243 | .. | 243 |
| *Deduct*—Recoveries on Revenue account .. .. .. | 9 | .. | 9 |
| Total, Direct Charges .. | 9,98,287 | 20,401 | 10,18,688 |

## KALINGAROYAN CHANNEL—*Canal Project*—cont.

### No. 3.—Revenue Account for and to end of 1934–1935—*cont.*

| Receipt. | Total. Previous. | Total. 1934–1935. | Total. Total. |
|---|---|---|---|
| | RS. | RS. | RS. |
| II. INDIRECT RECEIPTS— | | | |
| Share of land revenue collected in the Civil Department .. | 27,586 | 483 | 28,069 |
| Total, Public Works and Civil Departments, Revenue .. | 18,95,076 | 60,431 | 19,55,507 |
| Total, Receipts .. | 18,95,076 | 60,431 | 19,55,507 |

| Charges. | Total. Previous. | Total. 1934–1935. | Total. Total. |
|---|---|---|---|
| | RS. | RS. | RS. |
| Share of collection charges in the Civil Department .. .. .. .. | 91,275 | 2,950 | 94,225 |
| Indirect charges .. .. .. .. | 25,270 | 153 | 25,423 |
| Total, Direct and Indirect Charges .. | 11,14,832 | 23,504 | 11,38,336 |
| *Deduct*—Old maintenance charges saved to Government (*a*) .. .. .. | 1,15,604 | 5,235 | 1,20,839 |
| Net Total .. | 9,99,228 | 18,269 | 10,17,497 |
| Balance, net revenue .. .. .. | 8,95,848 | 42,162 | 9,38,010 |
| Grand Total .. | 18,95,076 | 60,431 | 19,55,507 |

(*a*) Direct—

| | RS. |
|---|---|
| Extensions and improvements .. .. | 3,992 |
| Maintenance and repairs .. .. .. | .. |
| Establishment .. .. .. .. | 1,182 |
| Tools and plant .. .. .. .. | 21 |
| Total, Direct .. | 5,195 |
| Indirect .. .. .. .. .. | 40 |
| Total, Direct and Indirect .. | 5,235 |



## KALINGAROYAN CHANNEL—*Canal Project*—cont.

### No. 4.—Interest Account for and to end of 1934–1935.

| | Amount. RS. | | Amount. RS. |
|---|---|---|---|
| Total interest charges to end of 1933–1934 .. .. .. | 2,61,428 | Net revenue realized to end of 1933–1934 .. .. .. | 8,95,848 |
| Total interest charges for the year 1934–1935 .. .. .. | 5,852 | Net revenue realized during 1934–1935 .. .. .. .. | 42,162 |
| Balance, net revenue .. .. | 6,70,730 | | |
| Total .. | 9,38,010 | Total .. | 9,38,010 |
| *Interest at 3·3252 per cent on the outlay to end of 1916–1917 .. | 5,852 | | |
| Interest at 5·12 per cent on the outlay of Rs. nil from 1917–1918 to end of 1933–1934 plus half the outlay during 1934–1935 .. .. .. .. | .. | | |
| Total .. | 5,852 | | |

### No. 5.—Account of Indirect Charges for and to end of 1934–1935.

| Particulars. | Previous. RS. | 1934–1935. RS. | Total. RS. |
|---|---|---|---|
| CAPITAL— | | | |
| Leave and pension allowances .. .. .. | 4,506 | .. | 4,506 |
| Total .. | 4,506 | .. | 4,506 |
| REVENUE— | | | |
| Leave and pension allowances .. .. .. | 23,737 | .. | 23,737 |
| Audit and accounts .. .. .. .. | 1,533 | 153 | 1,668 |
| Total .. | 25,270 | 153 | 25,423 |
| Grand Total .. | 29,776 | 153 | 29,929 |

## KALINGAROYAN CHANNEL—*Canal Project*—cont.

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

| Particulars. | Charges against closed sanctions. | | | Current sanctions. | | Total charges to date against old and current sanctions. |
|---|---|---|---|---|---|---|
| | Expenditure against construction estimate. | Expenditure against open canal sanction. | Total. | Charges to date. | Amount of sanctioned estimate. | Unspent balance of estimate. | |
| | RS. | RS. | RS. | | | | RS. |
| *Direct Charges.* | | | | | | | |
| 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 |
| *Indirect Charges.* | | | | | | | |
| 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 |



ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1934–1935.

VRIDDHACHALAM ANICUT SYSTEM—*Canal Project.*

### No. 2.—Capital Account for and to end of 1934–1935.

| Heads of account. | Direct Charges. Previous. | 1934–1935. | Total. | Cost of construction as now estimated (construction estimate closed on 31st March 1893). | Expenditure against closed estimate. |
|---|---|---|---|---|---|
| | RS. | RS. | RS. | RS. | RS. |
| I. WORKS— | | | | | |
| (1) *Headworks*— | | | | | |
| B. Land .. .. | .. | .. | .. | .. | .. |
| C. Works .. .. | 58,094 | .. | 58,094 | 58,094 | 58,094 |
| O. Miscellaneous .. | .. | .. | .. | .. | .. |
| Total .. | 58,094 | .. | 58,094 | 58,094 | 58,094 |
| (2) *Main Canals and Branches*— | | | | | |
| B. Land .. .. | 158 | .. | 158 | 158 | 158 |
| D. Regulators .. | 4,049 | .. | 4,049 | 4,049 | 4,049 |
| E. Falls and Weirs .. | 6,315 | .. | 6,315 | 6,315 | 6,315 |
| L. Earthwork .. | .. | .. | .. | .. | .. |
| Total . | 10,522 | .. | 10,522 | 10,522 | 10,522 |
| (3) *Distributaries*— | | | | | |
| B. Land .. .. | 4,005 | 1,082 | 5,087 | 4,050 | .. |
| C. Works .. .. | 2,404 | .. | 2,404 | 3,480 | .. |
| G. Bridges .. .. | 1,566 | .. | 1,566 | 800 | .. |
| L. Earthwork .. | 3,052 | 895 | 3,947 | 5,070 | .. |
| Total .. | 11,027 | 1,977 | 13,004 | 13,400 | .. |
| Total, Works .. | 79,643 | 1,977 | 81,620 | 82,016 | 68,616 |
| II. ESTABLISHMENT .. .. | 19,863 | 714 | 20,577 | 19,093 | 15,575 |
| III. TOOLS AND PLANT .. .. | 54 | 7 | 61 | 268 | .. |
| Grand Total .. | 99,560 | 2,698 | 1,02,258 | 1,01,377 | 84,191 |
| Chargeable to 43. Minor Works and Navigation—Provincial.. | 84,191 | .. | 84,191 | | |
| Chargeable to 55-A. Irrigation—I. Productive .. .. | 15,369 | 2,698 | 18,067 | | |
| Total .. | 99,560 | 2,698 | 1,02,258 | | |

## VRIDDHACHALAM ANICUT SYSTEM—*Canal Project*—cont.

### No. 3.—Revenue Account for and to end of 1934–1935.

| Receipts. | Total. Previous. RS. | Total. 1934–1935. RS. | Total. Total. RS. |
|---|---|---|---|
| I. DIRECT RECEIPTS— | | | |
| Sales of water .. .. | 34 | 168 | 202 |
| 5. Receipts from plantations. | 5,253 | 134 | 5,387 |
| 6. Receipts from other canal produce .. .. | 3,286 | 12 | 3,298 |
| 8. Navigation receipts .. | 1 | .. | 1 |
| 9. Rents of buildings .. | 90 | 4 | 94 |
| 10. Fines .. .. .. | 5 | .. | 5 |
| 11. Miscellaneous .. .. | 2,010 | 50 | 2,060 |
| Recoveries of expenditure. | 86 | .. | 36 |
| *Deduct*—Refunds .. .. | 132 | 612 | 744 |
| Total, Revenue realized in Public Works Department .. | 10,583 | — 244 | 10,339 |
| Irrigation revenue realized in Civil Department .. | 12,39,409 | 33,381 | 12,72,790 |
| Total, Direct Receipts .. | 12,49,992 | 33,137 | 12,83,129 |
| II. INDIRECT RECEIPTS— | | | |
| Share of land revenue collected in the Civil Department .. | 22,887 | 339 | 23,226 |
| Total, Public Works and Civil Departments, Revenue .. | 12,72,879 | 33,476 | 13,06,355 |
| Total, Receipts .. | 12,72,879 | 33,476 | 13,06,355 |

| Charges. | Total. Previous. RS. | Total. 1934–1935. RS. | Total. Total. RS. |
|---|---|---|---|
| I. EXTENSIONS AND IMPROVEMENTS— | | | |
| (1) Headworks .. .. | 6,877 | .. | 6,877 |
| (2) Main canals and branches .. | 25,095 | 277 | 25,372 |
| (3) Distributaries .. .. | 17,080 | .. | 17,080 |
| (4) Drainage and protective works .. | .. | .. | .. |
| (5) Special tools and plant .. .. | .. | .. | .. |
| *Add*—Unclassifiable outlay .. .. | 1,968 | .. | 1,968 |
| Total .. | 51,020 | 277 | 51,297 |
| II. MAINTENANCE AND REPAIRS— | | | |
| (1) Headworks .. .. | 66,493 | 3,090 | 69,583 |
| (2) Main canals and branches .. .. | 94,261 | 5,360 | 99,621 |
| (3) Distributaries .. .. | 59,754 | 140 | 59,894 |
| (4) Drainage and protective works .. | 1,089 | .. | 1,089 |
| (5) Special tools and plant .. .. | .. | .. | .. |
| *Add*—Unclassifiable outlay .. .. | 53,862 | .. | 53,862 |
| Total .. | 2,75,459 | 8,590 | 2,84,049 |
| Total, Extensions and Improvements and Maintenance and Repairs .. .. | 3,26,479 | 8,867 | 3,35,346 |
| IV. ESTABLISHMENT .. .. .. | 88,862 | 4,009 | 92,871 |
| V. TOOLS AND PLANT .. .. .. | 1,050 | 30 | 1,080 |
| VI. REFUNDS OF REVENUE .. .. | .. | .. | .. 62 |
| *Deduct*—Recoveries on revenue account. | 62 | .. | 62 |
| Total, Direct Charges .. | 4,16,329 | 12,906 | 4,29,235 |
| Share of collection charges in the Civil Department .. .. .. | 63,108 | 1,685 | 64,793 |
| Indirect charges .. .. .. .. | 10,177 | 89 | 10,266 |
| Total, Direct and Indirect charges. | 4,89,614 | 14,680 | 5,04,294 |
| Balance, net revenue .. .. .. | 7,83,265 | 18,796 | 8,02,061 |
| Grand Total .. | 12,72,879 | 33,476 | 13,06,355 |



## VRIDDHACHALAM ANICUT SYSTEM—*Canal Project*—cont.

### No. 4.—Interest Account for and to end of 1934–1935.

| | Amount. RS. | | Amount. RS. |
|---|---|---|---|
| Total interest charges to end of 1933–1934 .. .. .. | 1,55,589 | Net revenue realized to end of 1933–1934 .. .. .. | 7,83,265 |
| * Total interest charges for the year 1934–1935 .. .. | 3,655 | Net revenue realized during 1934–1935 .. .. .. .. | 18,796 |
| Balance, net revenue .. .. | 6,42,817 | | |
| Total .. | 8,02,061 | Total .. | 8,02,061 |
| * Interest at 3·3252 per cent on the outlay to end of 1916–1917. | 2,799 | | |
| Interest at 5·12 per cent on the outlay Rs. 16,716 from 1917–1918 to end of 1933–1934 plus half the outlay during 1934–1935 .. .. .. .. | 856 | | |
| Total .. | 3,655 | | |

### No. 5.—Account of Indirect Charges for and to end of 1934–1935.

| Particulars. | Previous. RS. | 1934–1935. RS. | Total. RS. |
|---|---|---|---|
| CAPITAL— | | | |
| Capitalization of abatement of land revenue .. | 314 | 1,042 | 1,356 |
| Leave and pension allowances .. .. .. | 2,180 | .. | 2,180 |
| Audit and accounts .. .. .. .. | 110 | 20 | 130 |
| Total .. | 2,604 | 1,062 | 3,666 |
| REVENUE— | | | |
| Capitalization of abatement of land revenue .. | 358 | .. | 358 |
| Leave and pension allowances .. .. .. | 8,917 | .. | 8,917 |
| Audit and accounts .. .. .. .. | 902 | 89 | 991 |
| Total .. | 10,177 | 89 | 10,266 |
| Grand Total .. | 12,781 | 1,151 | 13,932 |

## VEIDDHACHALAM ANICUT SYSTEM—*Canal Project*—cont.

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

| Particulars. | Charges against closed sanctions. | | | Current sanctions. | | | | Remarks. | |
|---|---|---|---|---|---|---|---|---|---|
| | Expenditure against construction estimate. | Expenditure against open canal sanctions. | Total. | Charges to date. | Amount of sanctioned estimate. | Unspent balance of estimate. | Total charges to date against old and current sanctions. | G.O. No. and date. | Amount of estimate. |
| | RS. | RS. | RS. | RS. | RS. | RS. | RS. | | RS. |
| *Direct Charges.* | | | | | | | | | |
| Works .. .. | 39,405 | 29,211 | 68,616 | 13,004 | 13,400 | 396 | 81,620 | C.R. 2 of May 1932. | 13,400 |
| Establishment .. | 9,063 | 6,512 | 15,575 | 5,002 | 3,518 | — 1,484 | 20,577 | | |
| Tools and plant .. | .. | .. | .. | 61 | 268 | 207 | 61 | | |
| Suspense account .. | .. | .. | .. | .. | .. | .. | .. | | |
| Total .. | 48,468 | 35,723 | 84,191 | 18,067 | 17,186 | — 881 | 1,02,258 | | |
| *Less*—Receipts on Capital account .. | .. | .. | .. | .. | .. | .. | .. | | |
| Net Total .. | 48,468 | 35,723 | 84,191 | 18,067 | 17,186 | — 881 | 1,02,258 | | |
| *Indirect Charges.* | | | | | | | | | |
| Capitalized abatement of land revenue .. | .. | 314 | 314 | 1,042 | 800 | — 242 | 1,356 | | |
| Leave and pension allowances .. | 1,269 | 911 | 2,180 | .. 130 | 134 | .. 4 | 2,180 130 | | |
| Audit and accounts .. | .. | .. | .. | | | | | | |
| Total .. | 1,269 | 1,225 | 2,494 | 1,172 | 934 | — 238 | 3,666 | | |
| Grand Total .. | 49,737 | 36,948 | 86,685 | 19,239 | 18,120 | — 1,119 | 1,05,924 | | |



ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1934–1935.

## CHEMBRAMBAKKAM TANK—*Tank Project.*

### No. 2.—Capital Account for and to end of 1934–1935.

| Heads of account. | Direct Charges. Previous. | 1934–1935. | Total. | Cost of construction as now estimated (construction estimate closed in 1893). | Expenditure against closed estimate. |
|---|---|---|---|---|---|
| | RS. | | RS. | RS. | RS. |
| 1. WORKS— | | | | | |
| (1) *Head Works*— | | | | | |
| K. Buildings .. .. | 4,640 | .. | 4,640 | 4,640 | 4,640 |
| (2) *Main Canals and Branches*— | | | | | |
| B. Land .. .. | 1,11,062 | .. | 1,11,062 | 1,11,062 | 1,11,062 |
| C. Works .. .. | 1,03,009 | .. | 1,03,009 | 1,03,009 | 1,03,009 |
| K. Buildings .. .. | 4,801 | .. | 4,801 | 4,801 | 4,801 |
| L. Earthwork .. | 2,20,643 | .. | 2,20,643 | 2,20,643 | 2,20,643 |
| O Miscellaneous .. | 61,729 | .. | 61,729 | 61,729 | 61,729 |
| Total .. | 5,01,244 | .. | 5,01,244 | 5,01,244 | 5,01,244 |
| (3) *Distributaries*— | | | | | |
| B. Land .. .. | .. | .. | .. | .. | .. |
| C. Works .. .. | 5,902 | .. | 5,902 | 5,902 | 5,902 |
| L. Earthwork .. | 2,469 | .. | 2,469 | 2,469 | 2,469 |
| Total .. | 8,371 | .. | 8,371 | 8,371 | 8,371 |
| (6) *Special tools and plant.* | .. | .. | .. | .. | .. |
| Provision for unforeseen works. | .. | .. | .. | .. | .. |
| Total, Works .. | 5,14,255 | .. | 5,14,255 | 5,14,255 | 5,14,255 |
| II. ESTABLISHMENT .. .. | 1,28,958 | .. | 1,28,958 | 1,28,958 | 1,28,958 |
| III. TOOLS AND PLANT .. | 8,249 | .. | 8,249 | 8,249 | 8,249 |
| Grand Total .. | 6,51,462 | .. | 6,51,462 | 6,51,462 | 6,51,462 |
| V. *Less*—RECEIPTS ON CAPITAL ACCOUNT .. .. .. | 114 | .. | 114 | 114 | 114 |
| Net Total .. | 6,51,348 | .. | 6,51,348 | 6,51,348 | 6,51,348 |
| Chargeable to 43. Provincial Irrigation .. .. .. | 6,49,829 | .. | 6,49,829 | .. | .. |
| Chargeable to 55-A. Irrigation Works—2. Unproductive .. | 1,519 | .. | 1,519 | .. | .. |
| Total .. | 6,51,348 | .. | 6,51,348 | .. | .. |

## CHEMBRAMBAKKAM TANK—*Tank Project*—cont.

### No. 3.—Revenue Account for and to end of 1934–1935.

| Receipts. | Total. Previous. | 1934–1935. | Total. |
|---|---|---|---|
| | RS. | RS. | RS. |
| I. DIRECT RECEIPTS— | | | |
| 5. Receipts from plantations. | 445 | .. | 445 |
| 6. Receipts from other canal produce .. .. .. | 2,370 | .. | 2,370 |
| 9. Rents of buildings .. | 1,146 | 123 | 1,269 |
| 10. Fines .. .. .. | 5 | .. | 5 |
| Recoveries of expenditure. | 22 | .. | 22 |
| 11. Miscellaneous .. .. | 11,526 | 32 | 11,558 |
| *Deduct*—Refunds .. .. | 267 | .. | 267 |
| Total, Revenue realized in Public Works Department .. .. | 15,247 | 155 | 15,402 |
| Irrigation Revenue realized in Civil Department .. .. | 22,07,973 | 37,592 | 22,45,565 |
| Total, Direct Receipts .. | 22,23,220 | 37,747 | 22,60,967 |
| II. INDIRECT RECEIPTS— | | | |
| Share of land revenue collected in the Civil Department .. .. .. | 48,751 | 957 | 49,708 |
| Total, Public Works and Civil Departments—Revenue .. | 22,71,971 | 38,704 | 23,10,675 |
| Total, Receipts .. | 22,71,971 | 38,704 | 23,10,675 |

| Charges. | Total. Previous. | 1934–1935. | Total |
|---|---|---|---|
| | RS. | RS. | RS. |
| I. EXTENSIONS AND IMPROVEMENTS— | | | |
| (1) Head works .. .. .. | 4,670 | .. | 4,670 |
| (2) Main canals and branches .. | 42,471 | 270 | 42,741 |
| (3) Distributaries .. .. .. | 4,448 | .. | 4,448 |
| (4) Drainage and protective works .. | .. | .. | .. |
| (5) Special tools and plant .. .. | .. | .. | .. |
| Total .. | 51,589 | 270 | 51,859 |
| II. MAINTENANCE AND REPAIRS— | | | |
| (1) Head works .. .. .. | 37,198 | .. | 37,198 |
| (2) Main canals and branches .. .. | 4,02,564 | 16,334 | 4,18,898 |
| (3) Distributaries .. .. .. | 16,325 | .. | 16,325 |
| (4) Drainage and protective works .. | .. | .. | .. |
| (5) Special tools and plant .. .. | .. | .. | .. |
| *Add*—Unclassifiable outlay.. .. | .. | .. | .. |
| Total .. | 4,56,087 | 16,334 | 4,72,421 |
| Total, Extensions and Improvements and Maintenance and Repairs .. .. | 5,07,676 | 16,604 | 5,24,280 |
| IV. ESTABLISHMENT .. .. .. | 1,32,597 | 3,585 | 1,36,182 |
| V. TOOLS AND PLANT .. .. .. | 2,525 | 26 | 2,551 |
| VI. REFUNDS OF REVENUE .. .. | 45 | .. | 45 |
| *Deduct*—Recoveries on revenue account .. | 296 | .. | 296 |
| Total, Direct Charges .. | 6,42,547 | 20,215 | 6,62,762 |
| Share of collection charges in the Civil Department .. .. .. .. | 1,20,705 | 1,927 | 1,22,632 |
| Indirect charges .. .. .. .. | 19,707 | 166 | 19,873 |
| Total, Direct and Indirect Charges. | 7,82,959 | 22,308 | 8,05,267 |
| *Deduct*—Old maintenance charges saved to Government (*a*) .. .. | 4,42,887 | 6,519 | 4,49,406 |
| Net Total .. | 3,40,072 | 15,789 | 3,55,861 |
| Balance, net revenue .. .. .. | 19,31,899 | 22,915 | 19,54,814 |
| Grand Total .. | 22,71,971 | 38,704 | 23,10,675 |

| | RS. |
|---|---|
| (*a*) Extensions and improvements .. .. .. .. .. .. | 2,283 |
| Maintenance and repairs .. .. .. .. .. .. .. | 3,097 |
| Establishment .. .. .. .. .. .. .. .. | 1,076 |
| Tools and plant .. .. .. .. .. .. .. .. | 9 |
| Total, Direct Charges .. | 6,465 |
| Indirect charges .. .. .. .. .. .. .. .. | 54 |
| Total, Direct and Indirect .. | 6,519 |

## CHEMBRAMBAKKAM TANK—*Tank Project*—cont.

### No. 4.—Interest Account for and to end of 1934–1935.

| | Amount. | | Amount. |
|---|---|---|---|
| | RS. | | RS. |
| Total interest charges to end of 1933–1934 .. .. .. | 14,57,275 | Net revenue realized to end of 1933–1934 .. .. .. | 19,31,899 |
| * Total interest charges for the year 1934–1935 .. .. | 21,875 | Net revenue realized during 1934–1935 .. .. .. | 22,915 |
| Balance, net revenue .. .. | 4,75,664 | | |
| Total .. | 19,54,814 | Total .. | 19,54,814 |

| | |
|---|---|
| * Interest at 3·3252 per cent on the outlay to end of 1916–1917. | 21,256 |
| Interest at 5·12 per cent on the outlay of Rs. 12,097 from 1917–1918 to end of 1933–1934 *plus* half the outlay during 1934–1935 .. .. .. | 619 |
| Total .. | 21,875 |

### No. 5.—Account of Indirect Charges for and to end of 1934–1935.

| Particulars. | Previous. | 1934–1935. | Total. |
|---|---|---|---|
| | RS. | RS. | RS. |
| CAPITAL— | | | |
| Capitalization of abatement of land revenue .. | 85,701 | .. | 85,701 |
| Leave and pension allowances .. .. .. | 27,081 | .. | 27,081 |
| Audit and accounts .. .. .. .. | 13 | .. | 13 |
| Total .. | 1,12,795 | .. | 1,12,795 |
| REVENUE— | | | |
| Leave and pension allowances .. .. .. | 18,491 | .. | 18,491 |
| Audit and accounts .. .. .. .. | 1,216 | 166 | 1,382 |
| Total .. | 19,707 | 166 | 19,873 |
| Grand Total .. | 1,32,502 | 166 | 1,32,668 |



## 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. |
| *Direct Charges.* | | | | | | | |
| 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 |
| *Indirect Charges.* | | | | | | | |
| 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 |

## MARUDUR ANICUT SYSTEM—*Canal Project.*

### No. 2.—Capital Account for and to end of 1934–1935.

| Heads of account. | Direct Charges. Previous. | 1934–1935. | Total. | Cost of construction as now estimated (construction estimate closed in 1893). | Expenditure against closed estimate. |
|---|---|---|---|---|---|
| | RS. | | RS. | RS. | RS. |
| I. WORKS— | | | | | |
| (1) *Head Works*— | | | | | |
| C. Works .. | 10,441 | .. | 10,441 | 10,441 | 10,441 |
| Total .. | 10,441 | .. | 10,441 | 10,441 | 10,441 |
| (2) *Main Canals and Branches*— | | | | | |
| L. Earthwork .. | 1,398 | .. | 1,398 | 1,398 | 1,398 |
| N. Tanks and reservoirs .. .. | 30,083 | .. | 30,083 | 30,083 | 30,083 |
| Total .. | 31,481 | .. | 31,481 | 31,481 | 31,481 |
| (3) *Distributaries*— | | | | | |
| B. Land .. .. | 308 | .. | 308 | 308 | 308 |
| C. Works .. .. | 3,192 | .. | 3,192 | 3,192 | 3,192 |
| L. Earthwork .. | 2,503 | .. | 2,503 | 2,503 | 2,503 |
| Total .. | 6,003 | .. | 6,003 | 6,003 | 6,003 |
| Total, Works .. | 47,925 | .. | 47,925 | 47,925 | 47,925 |
| II. ESTABLISHMENT .. .. | 10,820 | .. | 10,820 | 10,820 | 10,820 |
| III. TOOLS AND PLANT .. | — 24 | .. | — 24 | — 24 | — 24 |
| Grand Total .. | 58,721 | .. | 58,721 | 58,721 | 58,721 |
| *Deduct*—Receipts on Capital Account .. .. | .. | .. | .. | .. | .. |
| (*a*) Net Total .. | 58,721 | .. | 58,721 | 58,721 | 58,721 |
| (*a*) Chargeable to 43. Minor Works and Navigation—Provincial .. .. .. | 50,541 | .. | 50,541 | | |
| Chargeable to 55-A. Irrigation Works—I. Productive .. | 8,180 | .. | 8,180 | | |
| Total .. | 58,721 | .. | 58,721 | | |



## MARUDUR ANICUT SYSTEM—*Canal Project*—cont.

### No. 3.—Revenue Account for and to end of 1934–1935.

| Receipts. | Total. Previous. | 1934–1935. | Total. |
|---|---|---|---|
| | RS. | RS. | RS. |
| I. DIRECT RECEIPTS— | | | |
| 3. Sales of water .. | .. | 8 | 8 |
| 5. Receipts from plantations .. | 9,037 | 12 | 9,049 |
| 6. Receipts from other canal produce .. .. .. | 32,379 | 1,738 | 34,117 |
| 9. Rents of buildings .. .. .. | 67 | 19 | 86 |
| 11. Miscellaneous .. .. .. | 7,224 | 1,247 | 8,471 |
| Recoveries of expenditure .. | 42 | .. | 42 |
| *Deduct*—Refunds .. .. .. | 275 | 4 | 279 |
| Total revenue realized in Public Works Department .. .. | 48,474 | 3,020 | 51,494 |
| Irrigation revenue realized in Civil Department .. .. | 50,39,586 | 92,466 | 51,32,052 |
| Total, Direct Receipts. | 50,88,060 | 95,486 | 51,83,546 |

| Charges. | Total. Previous. | 1934–1935. | Total. |
|---|---|---|---|
| | RS. | RS. | RS. |
| I. EXTENSIONS AND IMPROVEMENTS— | | | |
| (1) Head works .. .. .. | 1,142 | .. | 1,142 |
| (2) Main canals and branches .. .. | 25,992 | 8,324 | 34,316 |
| (3) Distributaries .. .. .. | 10,636 | .. | 10,636 |
| (4) Drainage and protective works .. | 4,094 | .. | 4,094 |
| (5) Special tools and plant .. | .. | .. | .. |
| *Add*—Unclassifiable outlay .. .. | 11,000 | .. | 11,000 |
| Total .. | 52,864 | 8,324 | 61,188 |
| II. MAINTENANCE AND REPAIRS— | | | |
| (1) Head works .. .. .. | 71,559 | 1,055 | 72,614 |
| (2) Main canals and branches .. .. | 4,54,938 | 10,949 | 4,65,884 |
| (3) Distributaries .. .. .. | 1,04,747 | .. | 1,04,747 |
| (4) Drainage and protective works .. | 50,769 | 3,182 | 53,951 |
| (5) Special tools and plant .. .. | .. | .. | .. |
| *Add*—Unclassifiable outlay .. .. | 1,98,634 | .. | 1,98,634 |
| Total .. | 8,80,647 | 15,183 | 8,95,830 |
| Total, Extensions and Improvements and Maintenance and Repairs .. .. | 9,33,511 | 23,507 | 9,57,018 |
| IV. ESTABLISHMENT .. .. .. | 2,49,254 | 7,894 | 2,57,148 |
| V. TOOLS AND PLANT .. .. .. | 879 | 83 | 962 |
| VI. REFUNDS OF REVENUE .. .. | 145 | .. | 145 |
| *Deduct*—Recoveries on Revenue account.. | 17 | .. | 17 |
| Total, Direct Charges .. | 11,83,772 | 21,484 | 12,15,256 |

## MARUDUR ANICUT SYSTEM—*Canal Project*—cont.

### No. 3.—Revenue Account for and to end of 1934–1935—*cont.*

| Receipts. | Total. Previous. | 1934–1935. | Total. |
|---|---|---|---|
| | RS. | RS. | RS. |
| II. INDIRECT RECEIPTS— | | | |
| Share of land revenue collected in the Civil Department .. .. | 14,704 | 279 | 14,983 |
| **Total**, Public Works and Civil Departments, Revenue .. | 51,02,764 | 95,765 | 51,98,529 |
| **Total**, Receipts .. | 51,02,764 | 95,765 | 51,98,529 |

| Charges. | Total. Previous. | 1934–1935. | Total. |
|---|---|---|---|
| | RS. | RS. | RS. |
| Share of collection charges in the Civil Department .. .. .. .. | 2,52,715 | 4,637 | 2,57,352 |
| Indirect charges .. .. .. .. | 26,673 | 483 | 27,156 |
| Total, Direct and Indirect Charges .. | 14,63,160 | 36,604 | 14,99,764 |
| *Deduct*—Old maintenance charges saved to Government (*a*). | 2,14,747 | 6,329 | 2,21,076 |
| Net Total .. | 12,48,413 | 30,275 | 12,78,688 |
| Balance, Net revenue .. | 38,54,351 | 65,490 | 39,19,841 |
| Grand Total .. | 51,02,764 | 95,765 | 51,98,529 |

| | RS. |
|---|---|
| (*a*) Extensions and Improvements .. .. .. .. .. .. .. .. .. .. | 200 |
| Maintenance and Repairs .. .. .. .. .. .. .. .. .. .. | 4,500 |
| Establishment .. .. .. .. .. .. .. .. .. .. .. | 1,566 |
| Tools and Plant .. .. .. .. .. .. .. .. .. .. | 16 |
| Total, Direct Charges .. | 6,282 |
| Indirect Charges .. | 47 |
| Total, Direct and Indirect .. | 6,329 |



ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1934–1935.

## MARUDUR ANICUT SYSTEM—*Canal Project*—cont.

### No. 4.—Interest Account for and to end of 1934–1935.

| | Amount. |
|---|---|
| | RS. |
| Total interest charges to end of 1933–1934 .. .. .. | 93,882 |
| * Total interest charges for the year 1934–1935 .. .. | 2,099 |
| Balance, Net revenue .. .. | 38,23,860 |
| Total .. | 39,19,841 |

| | Amount. |
|---|---|
| | RS. |
| Net revenue realized to end of 1933–1934 .. .. .. | 38,54,351 |
| Net revenue realized during 1934–1935 .. .. .. .. | 65,490 |
| Total .. | 39,19,841 |

* Interest at 3·3252 per cent on the outlay to end of 1916–1917. Interest at 5·12 per cent on the outlay of Rs. 8,180 from 1917–1918 to end of 1933–1934 and half the outlay during 1934–1935 .. .. .. 1,680 419

Total .. 2,099

### No. 5.—Account of Indirect Charges for and to end of 1934–1935.

| Particulars. | Previous. | 1934–1935. | Total. |
|---|---|---|---|
| | RS. | RS. | RS. |
| CAPITAL— | | | |
| Leave and pension allowances .. .. .. | 1,336 | .. | 1,336 |
| Audit and accounts .. .. .. | 65 | .. | 65 |
| Total .. | 1,401 | .. | 1,401 |
| REVENUE— | | | |
| Capitalization of abatement of land revenue .. | 449 | 248 | 697 |
| Leave and pension allowances .. .. .. | 22,113 | .. | 22,113 |
| Audit and accounts .. .. .. | 4,111 | 235 | 4,346 |
| Total .. | 26,673 | 483 | 27,156 |
| Grand Total .. | 28,074 | 483 | 28,557 |

## 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. |
| *Direct Charges* | | | | | | |
| 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 |
| *Less*—Receipts on Capital account .. | .. | .. | .. | .. | .. | .. |
| Net Total .. | 40,086 | 18,635 | 58,721 | .. | .. | 58,721 |
| *Indirect Charges.* | | | | | | |
| 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 |



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

### No. 2.—Capital Account for and to end of 1934–1935.

| Heads of account. | Direct Charges. Previous. | 1934–1935. | Total. | Cost of construction as now estimated (construction estimate closed on 31st March 1894). | Expenditure against closed estimate. |
|---|---|---|---|---|---|
| | RS. | RS. | RS. | RS. | RS. |
| 1. WORKS— | | | | | |
| (1) *Head Works*— | | | | | |
| A. Preliminary expenses. | 51,130 | .. | 51,130 | 51,130 | 51,130 |
| B. Land .. .. | 18,513 | .. | 18,513 | 18,513 | 18,513 |
| C. Works .. .. | 7,40,984 | .. | 7,40,984 | 7,40,984 | 7,40,984 |
| D. Regulators .. | .. | .. | .. | 220 | .. |
| K. Buildings .. .. | 24,039 | .. | 24,039 | 24,039 | 24,039 |
| O. Miscellaneous .. | 32,502 | .. | 32,502 | 32,502 | 32,502 |
| P. Maintenance .. | 4,105 | .. | 4,105 | 4,105 | 4,105 |
| Total .. | 8,71,273 | .. | 8,71,273 | 8,71,493 | 8,71,273 |
| (2) *Main Canals and Branches*— | | | | | |
| A. Preliminary expenses. | 506 | .. | 506 | 506 | 506 |
| B. Land .. .. | 3,92,241 | .. | 3,92,241 | 3,93,511 | 3,92,241 |
| D. Regulators .. .. | 2,22,900 | 20 | 2,22,920 | 2,24,850 | 2,22,850 |
| E. Falls and weirs .. | 36,643 | .. | 36,643 | 36,643 | 36,643 |
| F. River and hill torrent works .. .. | 1,559 | .. | 1,559 | 1,559 | 1,559 |
| F. (1) Other cross drainage works .. | 5,173 | 1,532 | 6,705 | 8,714 | 3,594 |
| G. Bridges .. .. | 62,275 | 307 | 62,582 | 63,495 | 62,275 |
| H. Escapes .. .. | 22,377 | 1 | 22,378 | 22,597 | 22,377 |
| K. Buildings .. .. | 18,442 | .. | 18,442 | 18,442 | 18,442 |
| L. Earthwork .. .. | 4,09,656 | 5,845 | 4,15,501 | 4,17,161 | 4,02,471 |
| N. Tanks and reservoirs. | 3,79,004 | 1,716 | 3,80,720 | 3,81,142 | 3,74,582 |
| O. Miscellaneous .. | 23,986 | 20 | 24,006 | 24,242 | 23,942 |
| P. Maintenance .. | 22,082 | .. | 22,082 | 22,082 | 22,082 |
| Total .. | 15,96,844 | 9,441 | 16,06,285 | 16,14,944 | 15,83,564 |
| *Reservoirs*— | | | | | |
| B. Land .. .. | 159 | .. | 159 | 159 | 159 |
| C. Works .. .. | 37,498 | .. | 37,498 | 37,498 | 37,498 |
| L. Earthwork .. .. | 40,176 | .. | 40,176 | 40,176 | 40,176 |
| O. Miscellaneous .. | 132 | .. | 132 | 132 | 132 |
| Total .. | 77,965 | .. | 77,965 | 77,965 | 77,965 |
| (3) *Distributaries*— | | | | | |
| A. Preliminary expenses. | 100 | .. | 100 | 100 | 100 |
| B. Land .. .. | 96,209 | .. | 96,209 | 96,209 | 96,209 |
| C. Works .. .. | 4,96,935 | 2,011 | 4,98,946 | 5,03,725 | 4,96,725 |
| L. Earthwork .. .. | 5,63,026 | 194 | 5,63,220 | 5,64,401 | 5,60,631 |
| N. Tanks and reservoirs. | 1,15,250 | .. | 1,15,250 | 1,15,250 | 1,15,250 |
| O. Miscellaneous .. | 17,658 | — 60 | 17,598 | 17,655 | 17,555 |
| P. Maintenance .. | 9,469 | .. | 9,469 | 9,469 | 9,469 |
| Total .. | 12,98,647 | 2,145 | 13,00,792 | 13,06,809 | 12,95,939 |

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

### No. 2.—Capital Account for and to end of 1934–1935—*cont.*

| Heads of account. | Direct Charges. Previous. | 1934–1935. | Total. | Cost of construction as now estimated (construction estimate closed on 31st March 1894). | Expenditure against closed estimate. |
|---|---|---|---|---|---|
| | RS. | RS. | RS. | RS. | RS. |
| I. WORKS—*cont.* | | | | | |
| (4) *Drainage and Protective Works*— | | | | | |
| B. Land .. .. | 27,998 | .. | 27,998 | 27,998 | 27,998 |
| C. Works .. .. | 67,264 | .. | 67,264 | 67,264 | 67,264 |
| L. Earthwork .. .. | 2,37,122 | .. | 2,37,122 | 2,37,122 | 2,37,122 |
| O. Miscellaneous .. | 1,599 | .. | 1,599 | 1,599 | 1,599 |
| Total .. | 3,33,983 | .. | 3,33,983 | 3,33,983 | 3,33,983 |
| Provision for unforeseen works. | .. | 60 | 60 | 2,890 | .. |
| (6) *Special tools and plant* .. | .. | .. | .. | .. | .. |
| Total outlay on current sanctions .. .. | 41,78,712 | 11,646 | 41,90,358 | 42,08,084 | 41,62,724 |
| Old outlay .. .. | 5,26,117 | .. | 5,26,117 | 5,26,117 | 5,26,117 |
| Total, Works .. | 47,04,829 | 11,646 | 47,16,475 | 47,34,201 | 46,88,841 |
| II. ESTABLISHMENT .. .. | 9,86,470 | 4,272 | 9,90,742 | 9,95,214 | 9,81,638 |
| III. TOOLS AND PLANT .. | 1,44,688 | 45 | 1,44,733 | 1,45,560 | 1,44,653 |
| Grand Total .. | 58,35,987 | 15,963 | 58,51,950 | 58,74,975 | 58,15,132 |
| V. *Less*—RECEIPTS ON CAPITAL ACCOUNT .. .. .. | 2,858 | .. | 2,858 | 2,858 | 2,858 |
| Net Total .. | 58,33,129 | 15,963 | 58,49,092 | 58,72,117 | 58,12,274 |
| *Apportionment*— | | | | | |
| Chargeable to 49. Irrigation .. | 57,19,935 | .. | 57,19,935 | .. | .. |
| Chargeable to 55-A. Irrigation—Productive .. .. | 1,13,194 | 15,963 | 1,29,157 | .. | .. |
| Total .. | 58,33,129 | 15,963 | 58,49,092 | .. | .. |



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

### No. 3.—Revenue Account for and to end of 1934–1935.

| Receipts. | Total. Previous. | 1934–1935. | Total. |
|---|---|---|---|
| | RS. | RS. | RS. |
| DIRECT RECEIPTS— | | | |
| 5. Receipts from plantations. | 1,930 | 192 | 2,172 |
| 6. Receipts from other canal produce .. .. | 97,927 | 1,323 | 99,250 |
| 8. Navigation .. .. | 1,399 | 525 | 1,924 |
| 9. Rents of buildings .. | 15,925 | 533 | 16,458 |
| 10. Fines .. .. .. | 11 | .. | 11 |
| 11. Miscellaneous .. .. | 20,155 | 135 | 20,290 |
| Recoveries of expenditure. | 3,481 | 463 | 3,944 |
| *Deduct*—Refunds .. | 5,100 | 244 | 5,344 |
| **Total,** Revenue realized in Public Works Department .. .. | 1,35,778 | 2,927 | 1,38,705 |
| **Irrigation** revenue realized in Civil Department .. .. | 2,23,09,156 | 5,05,343 | 2,28,14,499 |
| Total, Direct Receipts .. | 2,24,44,934 | 5,08,270 | 2,29,53,204 |
| **II. INDIRECT RECEIPTS—Share** of land revenue collected in the Civil Department .. | 27,33,811 | 67,705 | 28,01,516 |
| **Total,** Public Works and Civil Departments, Revenue .. | 2,51,78,745 | 5,75,975 | 2,57,54,720 |

| Charges. | Total. Previous. | 1934–1935. | Total. |
|---|---|---|---|
| | RS. | RS. | RS. |
| I. EXTENSIONS AND IMPROVEMENTS— | | | |
| (1) Head works .. .. | 19,753 | 1,642 | 21,395 |
| (2) Main canals and branches .. | 1,32,283 | 2,738 | 1,35,021 |
| (3) Distributaries .. .. | 2,65,404 | 1,982 | 2,67,386 |
| (4) Drainage and protective works .. | 38,742 | .. | 38,742 |
| (5) Special tools and plant .. | — 207 | .. | — 207 |
| *Add*—Unclassifiable outlay .. | 8,370 | .. | 8,370 |
| Total .. | 4,64,345 | 6,362 | 4,70,707 |
| II. MAINTENANCE AND REPAIRS— | | | |
| (1) Head works .. .. | 5,64,000 | 9,884 | 5,73,884 |
| (2) Main canals and branches .. | 15,03,368 | 1,10,379 | 16,13,747 |
| (3) Distributaries .. .. | 13,32,896 | 49,319 | 13,82,215 |
| (4) Drainage and protective works .. | 1,38,486 | 13,693 | 1,52,179 |
| (5) Special tools and plant .. .. | 549 | .. | 549 |
| *Add*—Unclassifiable outlay .. .. | 23,236 | .. | 23,236 |
| Total .. | 35,62,535 | 1,83,275 | 37,45,810 |
| III. COMPENSATION .. .. .. .. | 7,390 | .. | 7,390 |
| Total, Extensions and Improvements and Maintenance and Repairs .. | 40,34,270 | 1,89,637 | 42,23,907 |
| IV. ESTABLISHMENT .. .. .. | 18,95,021 | 78,059 | 19,73,080 |
| V. TOOLS AND PLANT .. .. .. | 36,734 | 736 | 37,470 |
| VI. REFUNDS OF REVENUE .. .. | 1,907 | .. | 1,907 |
| Total, Direct Charges .. | 59,67,932 | 2,68,432 | 62,36,364 |
| Share of collection charges in the Civil Department .. .. .. .. | 12,68,888 | 27,701 | 12,96,589 |
| Indirect charges .. .. .. .. | 2,82,909 | 1,902 | 2,84,811 |
| **Total, Direct and Indirect Charges.** | 75,19,729 | 2,98,035 | 78,17,764 |

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

### No. 3.—Revenue Account for and to end of 1934–1935—*cont.*

| Receipts. | Total. Previous. RS. | Total. 1934–1935. RS. | Total. Total. RS. |
|---|---|---|---|
| Total, Receipts .. | 2,51,78,745 | 5,75,975 | 2,57,54,720 |
| *Direct— | | | |
| Extensions and improvements .. .. .. .. | | | |
| Maintenance and repairs .. .. .. .. | | | |
| Establishment .. .. .. .. | | | |
| Tools and plant .. .. .. .. | | | |
| Indirect .. .. .. .. | | | |

| Charges. | Total. Previous. RS. | Total. 1934–1935. RS. | Total. Total. RS. |
|---|---|---|---|
| * *Deduct*—Old maintenance charges saved to Government .. .. .. | 24,02,372 | 40,951 | 24,43,323 |
| Net Total .. | 51,17,357 | 2,57,034 | 53,74,441 |
| Balance, Net revenue .. | 2,00,61,388 | 3,18,891 | 2,03,80,279 |
| Grand Total .. | 2,51,78,745 | 5,75,975 | 2,57,54,720 |
| | RS. | | |
| .. .. .. .. | 3,909 | | |
| .. .. .. .. | 25,744 | | |
| .. .. .. .. | 10,887 | | |
| .. .. .. .. | 115 | | |
| Total, Direct .. | 40,655 | | |
| .. .. .. | 296 | | |
| Total, Direct and Indirect | 40,951 | | |



ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1934–1935.

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

### No. 4.—Interest Account for and to end of 1934–1935.

| | Amount. RS. | | Amount. RS. |
|---|---|---|---|
| Total interest charges to end of 1933–1934 .. .. .. | 1,05,73,043 | Net revenue realized to end of 1933–1934 .. .. .. | 2,00,61,388 |
| Total interest charges for the year 1934–1935 .. .. .. | 1,96,891 * | Net revenue realized during 1934–1935 .. .. .. | 3,18,891 |
| Balance, net revenue .. .. | 96,10,345 | | |
| Total .. | 2,03,80,279 | Total .. | 2,03,80,279 |
| * Interest at 3·3252 per cent on the outlay to end of 1916–1917. | 1,89,295 | | |
| Interest at 5·12 per cent on the outlay of Rs. 1,48,367 from 1917–1918 to end of 1933–1934 + half the outlay during 1934–1935 .. .. .. .. | 7,596 | | |
| Total .. | 1,96,891 | | |

### No. 5.—Account of Indirect Charges for and to end of 1934–1935.

| Particulars. | Previous. RS. | 1934–1935. RS. | Total. RS. |
|---|---|---|---|
| CAPITAL— | | | |
| Capitalization of abatement of land revenue .. | 8,56,767 | .. | 8,56,767 |
| Leave and pension allowances .. .. .. | 1,57,657 | .. | 1,57,657 |
| Audit and accounts .. .. .. .. .. | 844 | 117 | 961 |
| Total .. | 10,15,268 | 117 | 10,15,385 |
| REVENUE— | | | |
| Capitalization of abatement of land revenue .. | 32,934 | 6 | 32,940 |
| Leave and pension allowances .. .. .. | 2,36,951 | .. | 2,36,951 |
| Audit and accounts .. .. .. .. .. | 13,024 | 1,896 | 14,920 |
| Total .. | 2,82,909 | 1,902 | 2,84,811 |
| Grand Total .. | 12,98,177 | 2,019 | 13,00,196 |

## 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. | Remarks. | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Expenditure against construction estimate. | Expenditure against open canal sanctions. | Total. | Charges to date. | Amount of sanctioned estimate. | Unspent balance of estimate. | | | G.O. No. and date. | Amount of estimate. |
| *Direct Charges.* | RS. | RS. | RS. | RS. | RS. | RS. | | RS. | | RS. |
| Works .. .. | 37,49,097 | 9,39,744 | 46,88,841 | 27,634 | 45,360 | 17,726 | | 47,16,475 | Superintending Engineer's Circle Register No. 1 of January 1932. | 41,300 |
| Establishment .. | 8,05,532 | 1,76,106 | 9,81,638 | 9,104 | 13,576 | 4,472 | | 9,90,742 | | |
| Tools and plant .. | 1,42,971 | 1,682 | 1,44,653 | 90 | 907 | 827 | | 1,44,733 | Divisional Register No. 1 of August 1934. | 4,060 |
| Suspense account .. | .. | .. | .. | .. | .. | .. | | .. | | |
| Total .. | 46,97,600 | 11,17,532 | 58,15,132 | 36,818 | 59,843 | 23,025 | | 58,51,950 | Total .. | 45,360 |
| *Less*—Receipts on Capital Account .. | 55 | 2,803 | 2,858 | .. | .. | .. | | 2,858 | | |
| Net Total .. | 46,97,545 | 11,14,729 | 58,12,274 | 36,818 | 59,843 | 23,025 | | 58,49,092 | | |
| *Indirect Charges.* | | | | | | | | | | |
| Capitalized statement of land revenue .. | 7,99,748 | 57,019 | 8,56,767 | .. | 189 | 189 | | 8,56,767 | | |
| Leave and pension allowances .. .. | 1,35,090 | 22,567 | 1,57,657 | .. | .. 454 | .. 177 | | 1,57,657 | | |
| Audit and accounts .. | .. | 684 | 684 | 277 | 643 | 366 | | 961 | | |
| Total .. | 9,34,838 | 80,270 | 10,15,108 | 277 | 643 | 366 | | 10,15,385 | | |
| Grand Total .. | 56,32,383 | 11,94,999 | 68,27,382 | 37,095 | 60,486 | 23,391 | | 68,64,477 | | |



## ARKENKOTA CHANNEL—*Canal Project.*

### No. 2.—Capital Account for and to end of 1934–1935.

| Heads of account. | Direct Charges. | | | Cost of construction as now estimated (construction estimate closed on 31st March 1894). | Expenditure against closed estimate. |
|---|---|---|---|---|---|
| | Previous. | 1934–1935. | Total. | | |
| | RS. | | RS. | RS. | RS. |
| I. WORKS— | | | | | |
| (1) *Head Works*— | | | | | |
| C. Works .. .. | 8,281 | .. | 8,281 | 8,281 | 8,281 |
| Total .. | 8,281 | .. | 8,281 | 8,281 | 8,281 |
| (2) *Main Canals and Branches*— | | | | | |
| D. Regulators .. | 14,621 | .. | 14,621 | 14,621 | 14,621 |
| F. (1) Other cross drainage works. | 75,732 | .. | 75,732 | 75,732 | 75,732 |
| L. Earthwork .. | 15,871 | .. | 15,871 | 15,871 | 15,871 |
| Total .. | 1,06,224 | .. | 1,06,224 | 1,06,224 | 1,06,224 |
| Total, Works .. | 1,14,505 | .. | 1,14,505 | 1,14,505 | 1,14,505 |
| II. ESTABLISHMENT .. .. | 26,264 | .. | 26,264 | 26,264 | 26,264 |
| III. TOOLS AND PLANT .. | .. | .. | .. | .. | .. |
| * Grand Total .. | 1,40,769 | .. | 1,40,769 | 1,40,769 | 1,40,769 |

* Chargeable to "43. Minor Works and Navigation—Provincial."

## ARKENKOTA CHANNEL—*Canal Project*—cont.

## No. 3.—Revenue Account for and to end of 1934–1935.

| Receipts. | Total. Previous. RS. | 1934–1935. RS. | Total. RS. |
|---|---|---|---|
| I. DIRECT RECEIPTS— | | | |
| Plantations .. .. .. | 2,484 | 204 | 2,688 |
| Receipts from other canal produce .. .. .. .. | 751 | .. | 751 |
| Fines .. .. .. .. | 1 | .. | 1 |
| Miscellaneous .. .. .. | 5,565 | 35 | 5,600 |
| Total, Revenue realized in Public Works Department .. | 8,801 | 239 | 9,040 |
| Irrigation Revenue realized in Civil Department .. .. | 8,46,543 | 19,467 | 8,66,010 |
| Total, Direct Receipts .. | 8,55,344 | 19,706 | 8,75,050 |
| II. INDIRECT RECEIPTS— | | | |
| Share of Land Revenue collected in the Civil Department. | 24,809 | 428 | 25,237 |
| Total, Public Works and Civil Departments, Revenue .. | 8,80,153 | 20,134 | 9,00,287 |
| Total, Receipts .. | 8,80,153 | 20,134 | 9,00,287 |

| Charges. | Total. Previous. RS. | 1934–1935. RS. | Total. RS. |
|---|---|---|---|
| I. EXTENSIONS AND IMPROVEMENTS— | | | |
| (1) Head works .. .. .. .. | 1,130 | .. | 1,130 |
| (2) Main canals and branches .. .. | 37,158 | 22 | 37,180 |
| (3) Distributaries .. .. .. .. | 882 | .. | 882 |
| (4) Drainage and protective works .. | .. | .. | .. |
| (5) Special tools and plant .. .. | .. | .. | .. |
| *Add*—Unclassifiable outlay .. | 11,475 | .. | 11,475 |
| Total .. | 50,645 | 22 | 50,667 |
| II. MAINTENANCE AND REPAIRS— | | | |
| (1) Head works .. .. .. .. | 4,366 | .. | 4,366 |
| (2) Main canals and branches .. .. | 1,65,438 | 5,989 | 1,71,427 |
| (3) Distributaries .. .. .. .. | 2,514 | .. | 2,514 |
| (4) Drainage and protective works .. | .. | .. | .. |
| (5) Special tools and plant .. .. | .. | .. | .. |
| *Add*—Unclassifiable outlay .. | 1,73,223 | .. | 1,73,223 |
| Total .. | 3,45,541 | 5,989 | 3,51,530 |
| Total, Extensions and Improvements and Maintenance and Repairs .. .. | 3,96,186 | 6,011 | 4,02,197 |
| IV. ESTABLISHMENT .. .. .. | 97,000 | 2,056 | 99,056 |
| V. TOOLS AND PLANT .. .. .. | 1,613 | 32 | 1,645 |
| VI. REFUNDS OF REVENUE.. .. .. | 43 | .. | 43 |
| *Deduct*—RECOVERIES ON REVENUE ACCOUNT. | 5 | .. | 5 |
| Total, Direct Charges .. .. | 4,94,837 | 8,099 | 5,02,936 |
| Share of collection charges in the Civil Department .. .. .. .. | 43,568 | 995 | 44,563 |
| Indirect Charges .. .. .. .. | 11,840 | 60 | 11,900 |
| Total, Direct and Indirect charges .. | 5,50,245 | 9,154 | 5,59,399 |
| *Deduct*—Old maintenance charge saved to Government * .. .. .. .. | 25,858 | 1,170 | 27,028 |
| Net Total .. | 5,24,387 | 7,984 | 5,32,371 |
| Balance, net revenue .. .. .. | 3,55,766 | 12,150 | 3,67,916 |
| Grand Total .. | 8,80,153 | 20,134 | 9,00,287 |

| | RS. |
|---|---|
| * Direct— | |
| Extensions and improvements .. .. .. .. .. .. .. .. .. .. | 793 |
| Maintenance and repairs .. .. .. .. .. .. .. .. .. .. | 100 |
| Establishment .. .. .. .. .. .. .. .. .. .. | 264 |
| Tools and plant .. .. .. .. .. .. .. .. .. .. | 4 |
| Total, Direct .. | 1,161 |
| Indirect .. .. .. .. .. .. .. .. .. .. .. .. | 9 |
| Total, Direct and Indirect .. | 1,170 |

ARKENKOTA CHANNEL—*Canal Project*—cont.

## No. 4.—Interest Account for and to end of 1934–1935.

| | Amount. | | Amount. |
|---|---|---|---|
| | RS. | | RS. |
| Total interest charges to end of 1933–1934 .. .. .. | 2,88,458 | Net revenue realized to end of 1933–1934 .. .. .. | 3,55,766 |
| Total interest charges for the year 1934–1935 .. .. .. | 4,681* | Net revenue realized during 1934–1935 .. .. .. | 12,150 |
| Balance, net revenue .. .. | 74,777 | | |
| Total .. | 3,67,916 | Total .. | 3,67,916 |

| | |
|---|---|
| * Interest at 3·3252 per cent on the outlay to end of 1916–1917. | 4,681 |
| Interest at 5·12 per cent on the outlay of Rs. nil from 1917–1918 to end of 1933–1934 plus half the outlay during 1934–1935 .. .. .. .. | .. |
| Total .. | 4,681 |

## No. 5.—Account of Indirect Charges for and to end of 1934–1935.

| Particulars. | Previous. | 1934–1935. | Total. |
|---|---|---|---|
| | RS. | RS. | RS. |
| CAPITAL— | | | |
| Leave and pension allowances .. .. .. | 3,676 | .. | 3,676 |
| Total .. | 3,676 | .. | 3,676 |
| REVENUE— | | | |
| Leave and pension allowances .. .. .. | 10,825 | .. | 10,825 |
| Audit and accounts .. .. .. .. .. | 1,015 | 60 | 1,075 |
| Total .. | 11,840 | 60 | 11,900 |
| Grand Total .. | 15,516 | 60 | 15,576 |



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. | Remarks. | |
|---|---|---|---|---|---|---|---|---|---|
| | Expenditure against construction estimate. | Expenditure against open canal sanction. | Total. | Charges to date. | Amount of sanctioned estimate. | Unspent balance of estimate. | | G.O. No. and date. | Amount of estimate. |
| | RS. | RS. | RS. | | | | RS. | | |
| *Direct Charges.* | | | | | | | | | |
| 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 | | |
| *Less*—Receipts on capital account .. | .. | .. | .. | .. | .. | .. | .. | | |
| Net Total .. | 1,00,338 | 40,431 | 1,40,769 | .. | .. | .. | 1,40,769 | | |
| *Indirect Charges.* | | | | | | | | | |
| 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 | | |

## TIRUKKOYILUR ANICUT SYSTEM—*Canal Project.*

### No. 2.—Capital Account for and to end of 1934–1935.

| Heads of account. | Direct Charges. Previous. | 1934–1935. | Total. | Cost of construction as now estimated (construction estimate closed on 31st March 1895). | Expenditure against closed estimate. |
|---|---|---|---|---|---|
| | RS. | | RS. | RS. | RS. |
| Works— | | | | | |
| (1) *Head Works*— | | | | | |
| C. Works .. .. | 1,28,483 | .. | 1,28,483 | 1,28,483 | 1,28,483 |
| K. Buildings .. .. | 1,256 | .. | 1,256 | 1,256 | 1,256 |
| Total .. | 1,29,739 | .. | 1,29,739 | 1,29,739 | 1,29,739 |
| (2) *Main Canals and Branches*— | | | | | |
| B. Land .. .. | 7,327 | .. | 7,327 | 7,327 | 7,327 |
| D. Regulators .. | 9,304 | .. | 9,304 | 9,304 | 9,304 |
| E. Falls and weirs .. | 19,421 | .. | 19,421 | 19,421 | 19,421 |
| F. River and hill torrent works .. | .. | .. | .. | .. | .. |
| F. (1) Other cross drainage works. | 8,577 | .. | 8,577 | 8,577 | 8,577 |
| G. Bridges .. .. | 1,453 | .. | 1,453 | 1,453 | 1,453 |
| H. Escapes .. .. | 1,378 | .. | 1,378 | 1,378 | 1,378 |
| K. Buildings .. .. | 1,970 | .. | 1,970 | 1,970 | 1,970 |
| L. Earthwork .. | 1,06,858 | .. | 1,06,858 | 1,06,858 | 1,06,858 |
| N. Tanks and reservoirs .. .. | 13,542 | .. | 13,542 | 13,542 | 13,542 |
| O. Miscellaneous .. | 4,920 | .. | 4,920 | 4,920 | 4,920 |
| Total .. | 1,74,750 | .. | 1,74,750 | 1,74,750 | 1,74,750 |
| (3) *Distributaries*— | | | | | |
| C. Works .. .. | 12,298 | .. | 12,298 | 12,298 | 12,298 |
| L. Earthwork .. | 1,588 | .. | 1,588 | 1,588 | 1,588 |
| O. Miscellaneous .. | .. | .. | .. | .. | .. |
| Total .. | 13,886 | .. | 13,886 | 13,886 | 13,886 |
| (6) *Special tools and plant.* | .. | .. | .. | .. | .. |
| Total, Works .. | 3,18,375 | .. | 3,18,375 | 3,18,375 | 3,18,375 |
| II. ESTABLISHMENT .. .. | 70,709 | .. | 70,709 | 70,709 | 70,709 |
| III. TOOLS AND PLANT .. | 105 | .. | 105 | 105 | 105 |
| Grand Total .. | 3,89,189 | .. | 3,89,189 | 3,89,189 | 3,89,189 |
| Apportionment chargeable to 49. Irrigation .. .. .. | 33,500 | .. | 33,500 | .. | .. |
| Apportionment chargeable to 43. Irrigation—Provincial .. | 3,33,259 | .. | 3,33,259 | .. | .. |
| Apportionment chargeable to 55-A. Irrigation— I. PRODUCTIVE .. .. | 22,430 | .. | 22,430 | .. | .. |
| | 3,89,189 | .. | 3,89,189 | .. | .. |



## TIRUKKOYILUR ANICUT SYSTEM—*Canal Project*—cont.

### No. 3.—Revenue Account for and to end of 1934–1935.

| Receipts. | Total. Previous. | 1934–1935. | Total. |
|---|---|---|---|
| | RS. | RS. | RS. |
| I. DIRECT RECEIPTS— | | | |
| 3. Sales of water .. .. | 667 | 50 | 717 |
| 5. Receipts from plantations .. | 39,183 | 276 | 39,459 |
| 6. Receipts from other canal produce .. .. .. | 6,799 | 42 | 6,841 |
| 9. Rents of buildings .. .. | 776 | 22 | 798 |
| Fines .. .. .. | 2 | .. | 2 |
| 11. Miscellaneous .. .. | 902 | .. | 902 |
| Recoveries of expenditure .. | 120 | 1 | 121 |
| *Deduct*—Refunds .. .. | 573 | 8 | 581 |
| Total, Revenue realized in Public Works Department. | 47,876 | 383 | 48,259 |
| Irrigation Revenue realized in Civil Department .. .. | 25,98,100 | 78,695 | 26,76,795 |
| Total, Direct Receipts .. | 26,45,976 | 79,078 | 27,25,054 |
| II INDIRECT RECEIPTS— | | | |
| Share of Land Revenue collected in the Civil Department. | 2,01,746 | 3,369 | 2,05,115 |
| **Total**, Public Works and Civil Departments, Revenue .. | 28,47,722 | 82,447 | 29,30,169 |

| Charges. | Total. Previous. | 1934–1935. | Total. |
|---|---|---|---|
| | RS. | RS. | RS. |
| I. EXTENSIONS AND IMPROVEMENTS— | | | |
| (1) Head works .. .. .. | 5,187 | .. | 5,187 |
| (2) Main canals and branches .. .. | 55,215 | 155 | 55,370 |
| (3) Distributaries .. .. | 58,773 | .. | 58,773 |
| (4) Drainage and protective works .. | 20,015 | .. | 20,015 |
| (5) Special tools and plant .. .. | .. | .. | .. |
| Total .. | 1,39,190 | 155 | 1,39,345 |
| II. MAINTENANCE AND REPAIRS— | | | |
| (1) Head works .. .. .. | 96,929 | 2,080 | 99,009 |
| (2) Main canals and branches .. .. | 3,12,648 | 7,611 | 3,20,259 |
| (3) Distributaries .. .. .. | 2,28,352 | 6,411 | 2,34,763 |
| (4) Drainage and protective works .. | 8,680 | .. | 8 680 |
| (5) Special tools and plant .. .. | .. | .. | .. |
| *Add*—Unclassifiable outlay .. | 1,95,063 | .. | 1,95,063 |
| Total .. | 8,41,672 | 16,102 | 8,57,774 |
| Total, Extensions and Improvements and Maintenance and Repairs .. .. | 9,80,862 | 16,257 | 9,97,119 |
| IV. ESTABLISHMENT .. .. .. | 2,96,600 | 7,483 | 3,04,083 |
| V. TOOLS AND PLANT .. .. .. | 2,957 | 56 | 3,013 |
| VI. REFUNDS OF REVENUE .. .. | 303 | .. | 303 |
| *Deduct*—Recoveries on Revenue account .. .. .. | 194 | .. | 194 |
| **Total**, Direct Charges .. | 12,80,528 | 23,796 | 13,04,324 |

## TIRUKKOYILUR ANICUT SYSTEM—*Canal Project*—cont.

### No. 3.—Revenue Account for and to end of 1934–1935—*cont.*

| Receipts. | Total. Previous. RS. | Total. 1934–1935. RS. | Total. Total. RS. |
|---|---|---|---|
| Total, Receipts .. | 28,47,722 | 82,447 | 29,30,169 |
| Direct— | | | |
| Extensions and improvements .. | | | |
| Maintenance and repairs .. | | | |
| Establishment .. .. .. | | | |
| Tools and plant .. .. | | | |
| Indirect .. .. .. | | | |

| Charges. | Total. Previous. RS. | Total. 1934–1935. RS. | Total. Total. RS. |
|---|---|---|---|
| Share of collection charges in the Civil Department .. .. .. .. | 1,39,992 | 4,103 | 1,44,095 |
| Indirect Charges .. .. .. .. | 35,230 | 163 | 35,393 |
| Total, Direct and Indirect Charges .. | 14,55,750 | 28,062 | 14,83,812 |
| *Deduct*—Old maintenance charges saved to Government .. .. | 1,46,059 | 6,785 | 1,52,844 |
| Net Total .. | 13,09,691 | 21,277 | 13,30,968 |
| Balances, net revenue .. .. .. | 15,38,031 | 61,170 | 15,99,201 |
| Grand Total .. | 28,47,722 | 82,447 | 29,30,169 |

| | RS. |
|---|---|
| .. .. .. .. | 1,972 |
| .. .. .. .. | 2,960 |
| .. .. .. .. | 1,786 |
| .. .. .. .. | 17 |
| Total, Direct .. | 6,735 |
| .. .. .. .. | 50 |
| Total, Direct and Indirect .. | 6,785 |



## TIRUKKOYILUR ANICUT SYSTEM—*Canal Project*—cont.

### No. 4.—Interest Account for and to end of 1934–1935.

| | Amount. RS. | | Amount. RS. |
|---|---|---|---|
| Total interest charges to end of 1933–1934 .. .. .. | 6,92,895 | Net revenue realized to end of 1933–1934 .. .. .. | 15,38,031 |
| * Total interest charges for the year 1934–1935 .. .. | 13,344 | Net revenue realized during 1934–1935 .. .. .. | 61,170 |
| Balance, net revenue .. .. | 8,92,962 | | |
| Total .. | 15,99,201 | Total .. | 15,99,201 |
| * Interest at 3·3252 per cent on the outlay to end of 1916–1917. | 12,195 | | |
| Interest at 5·12 per cent on the outlay of Rs. 22,429 from 1917–1918 to end of 1933–1934 plus half the outlay during 1934–1935 .. .. .. .. | 1,149 | | |
| Total .. | 13,344 | | |

### No. 5.—Account of Indirect Charges for and to end of 1934–1935.

| Particulars. | Previous. RS. | 1934–1935. RS. | Total. RS. |
|---|---|---|---|
| CAPITAL— | | | |
| Capitalization of abatement of land revenue .. | 105 | .. | 105 |
| Leave and pension allowances .. .. .. | 9,731 | .. | 9,731 |
| Audit and accounts .. .. .. .. .. | 165 | .. | 165 |
| Total .. | 10,001 | .. | 10,001 |
| REVENUE— | | | |
| Capitalization of abatement of land revenue .. | 427 | .. | 427 |
| Leave and pension allowances .. .. .. | 32,094 | .. | 32,094 |
| Audit and accounts .. .. .. .. .. | 2,709 | 163 | 2,872 |
| Total .. | 35,230 | 163 | 35,393 |
| Grand Total .. | 45,231 | 163 | 45,394 |

## TRUKKOYILUR ANICUT SYSTEM—*Canal Project*—cont.

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

| Particulars. | Charges against closed sanctions. | | | Current sanctions. | | | Remarks. | |
|---|---|---|---|---|---|---|---|---|
| | Expenditure against construction estimate. | Expenditure against open canal sanction. | Total. | Charges to date. | Amount of sanctioned estimate. | Unspent balance of estimate. | Total charges to date against old and current sanctions. | G.O. No. and date. | Amount of estimate. |
| | RS. | RS. | RS. | | | | RS. | | |
| *Direct Charges.* | | | | | | | | | |
| Work .. .. | 2,01,591 | 1,16,784 | 3,18,375 | .. | .. | .. | 3,18,375 | | |
| Establishment .. .. | 46,361 | 24,348 | 70,709 | .. | .. | .. | 70,709 | | |
| Tools and plant .. .. | .. | 105 | 105 | .. | .. | .. | 105 | | |
| Suspense account .. .. | .. | .. | .. | .. | .. | .. | .. | | |
| Total .. | 2,47,952 | 1,41,237 | 3,89,189 | .. | .. | .. | 3,89,189 | | |
| *Less*—Receipts on Capital Account .. | .. | .. | .. | .. | .. | .. | .. | | |
| Net Total .. | 2,47,952 | 1,41,237 | 3,89,189 | .. | .. | .. | 3,89,189 | | |
| *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 | | |



## SHATIATOPE ANICUT SYSTEM—*Canal Project.*

### No. 2.—Capital Account for and to end of 1934–1935.

| Heads of account. | Direct Charges. Previous. | 1934–1935. | Total. | Cost of construction as now estimated (closed on 31st March 1895). | Expenditure against closed estimate. |
|---|---|---|---|---|---|
| | RS. | RS. | RS. | RS. | RS. |
| WORKS— | | | | | |
| 1) *Head Works*— | | | | | |
| C. Works .. .. | 2,31,572 | .. | 2,31,572 | 2,31,572 | 2,31,572 |
| K. Buildings .. .. | 4,819 | .. | 4,819 | 4,819 | 4,819 |
| Total .. | 2,36,391 | .. | 2,36,391 | 2,36,391 | 2,36,391 |
| (2) *Main Canals and Branches*— | | | | | |
| A. Preliminary expenses—Old outlay. | 4,420 | .. | 4,420 | 4,420 | 4,420 |
| B. Land .. .. | 1,42,441 | .. | 1,42,441 | 1,42,441 | 1,42,441 |
| D. Regulators .. | 1,14,502 | .. | 1,14,502 | 1,14,502 | 1,14,502 |
| E. Falls and weirs .. | 95,537 | .. | 95,537 | 95,537 | 95,537 |
| F. River and hill torrent works .. | 17,625 | .. | 17,625 | 17,625 | 17,625 |
| G. Bridges .. .. | 30,975 | .. | 30,975 | 30,975 | 30,975 |
| H. Escapes .. .. | 2,599 | .. | 2,599 | 2,599 | 2,599 |
| I. Navigation works . | 11,236 | .. | 11,236 | 11,236 | 11,236 |
| K. Buildings .. .. | 11,003 | .. | 11,003 | 11,003 | 11,003 |
| L. Earthwork .. | 1,74,693 | .. | 1,74,693 | 1,74,693 | 1,74,693 |
| N. Tanks and reservoirs .. .. | 13,617 | .. | 13,617 | 13,617 | 13,617 |
| O. Miscellaneous .. | 6,340 | .. | 6,340 | 6,340 | 6,340 |
| Total .. | 6,24,988 | .. | 6,24,988 | 6,24,988 | 6,24,988 |
| (3) *Distributaries*— | | | | | |
| B. Land .. .. | 1,770 | .. | 1,770 | 1,770 | 1,770 |
| C. Works .. .. | 23,441 | .. | 23,441 | 23,441 | 23,441 |
| F. Other cross and drainage works .. | 2,300 | .. | 2,300 | 2,300 | 2,300 |
| L. Earthwork .. | 6,512 | .. | 6,512 | 6,512 | 6,512 |
| O. Miscellaneous .. | 3,312 | .. | 3,312 | 3,312 | 3,312 |
| Total .. | 37,335 | .. | 37,335 | 37,335 | 37,335 |
| (4) *Drainage*— | | | | | |
| C. Works .. .. | 443 | 3,436 | 3,879 | 3,940 | .. |
| (6) *Special Tools and Plant.* | .. | .. | .. | .. | .. |
| Total works .. | 8,99,157 | 3,436 | 9,02,593 | 9,02,654 | 8,98,714 |
| II. ESTABLISHMENT .. .. | 1,24,645 | 1,243 | 1,25,888 | 1,25,508 | 1,24,474 |
| III. TOOLS AND PLANT .. | 646 | 12 | 658 | 722 | 643 |
| Grand Total .. | 10,24,448 | 4,691 | 10,29,139 | 10,28,884 | 10,23,831 |
| *Apportionment*— | | | | | |
| Chargeable to 49. Irrigation .. | 5,03,811 | .. | 5,03,811 | .. | .. |
| Chargeable to 43. Irrigation—Provincial .. .. .. | 4,07,014 | .. | 4,07,014 | .. | .. |
| Chargeable to 35. Provincial—Irrigation Works—Imperial. | 4,420 | .. | 4,420 | .. | .. |
| Chargeable to 55 and 16-A. Irrigation I. Productive. | 1,09,203 | 4,691 | 1,13,894 | .. | .. |
| Total .. | 10,24,448 | 4,691 | 10,29,139 | .. | .. |

## SHATIATOPE ANICUT SYSTEM—*Canal Project*—cont.

### No. 3.—Revenue Account for and to end of 1934–1935.

| Receipts. | Total. Previous. | 1934–1935. | Total. |
|---|---|---|---|
| | RS. | RS. | RS. |
| **I. DIRECT RECEIPTS—** | | | |
| 5. Receipts from plantations. | 19,475 | 131 | 19,606 |
| 6. Receipts from other canal produce .. .. .. | 6,889 | 57 | 6,946 |
| 9. Rents of buildings .. .. | 2,610 | 163 | 2,773 |
| 10. Fines .. .. .. .. | 4 | .. | 4 |
| 11. Miscellaneous .. .. | 2,064 | 2 | 2,066 |
| Recoveries of expenditure .. | 106 | 60 | 166 |
| *Deduct*—Refunds .. .. .. | 274 | 153 | 427 |
| Total, Revenue realized in Public Works Department .. | 30,874 | 260 | 31,134 |
| Irrigation Revenue realized in Civil Department .. .. | 58,02,702 | 1,57,265 | 59,59,967 |
| Total, Direct Receipts .. | 58,33,576 | 1,57,525 | 59,91,101 |
| **II. INDIRECT RECEIPTS—** | | | |
| Share of land revenue collected in the Civil Department.. | 12,98,501 | 17,031 | 13,15,532 |
| **Total, Public Works and Civil Departments, Revenue** .. | 71,32,077 | 1,74,556 | 73,06,633 |
| **Total, Receipts** .. .. | 71,32,077 | 1,74,556 | 73,06,633 |

| Charges. | Total. Previous. | 1934–1935. | Total. |
|---|---|---|---|
| | RS. | RS. | RS. |
| I. EXTENSIONS AND IMPROVEMENTS— | | | |
| (1) Head works .. .. .. .. | 9,323 | .. | 9,323 |
| (2) Main canals and branches .. .. | 52,900 | 544 | 53,444 |
| (3) Distributaries .. .. .. | 29,256 | 232 | 29,488 |
| (4) Drainage and protective works .. | 828 | 17 | 845 |
| (5) Special tools and plant .. .. | .. | .. | .. |
| *Add*—Unclassifiable outlay .. .. | 21,316 | .. | 21,316 |
| Total .. | 1,13,623 | 793 | 1,14,416 |
| II. MAINTENANCE AND REPAIRS— | | | |
| (1) Head works .. .. .. .. | 1,23,602 | 2,120 | 1,25,722 |
| (2) Main canals and branches .. .. | 3,67,280 | 14,046 | 3,81,326 |
| (3) Distributaries .. .. .. .. | 1,82,515 | 4,305 | 1,86,820 |
| (4) Drainage and protective works .. | 2,934 | .. | 2,934 |
| (5) Special tools and plant .. .. | .. | .. | .. |
| *Add*—Unclassifiable outlay .. .. | 2,87,678 | .. | 2,87,678 |
| Total .. | 9,64,009 | 20,471 | 9,84,480 |
| Total, Extensions and Improvements and Maintenance and Repairs .. .. | 10,77,632 | 21,264 | 10,98,896 |
| IV. ESTABLISHMENT.. .. .. .. | 3,64,334 | 11,189 | 3,75,523 |
| V. TOOLS AND PLANT .. .. .. | 3,486 | 73 | 3,559 |
| VI. REFUNDS OF REVENUE .. .. | 249 | .. | 249 |
| *Deduct*—Recoveries on Revenue account. | 359 | .. | 359 |
| Total, Direct Charges .. .. | 14,45,342 | 32,526 | 14,77,868 |
| Share of collection charges in the Civil Department .. .. .. .. | 3,55,058 | 8,715 | 3,63,773 |
| Indirect charges .. .. .. .. | 43,818 | 306 | 44,124 |
| Total, Direct and Indirect Charges .. | 18,44,218 | 41,547 | 18,85,765 |
| *Deduct*—Old maintenance charges saved to Government * .. .. .. .. | 48,680 | 2,261 | 50,941 |
| Net Total | 17,95,538 | 39,286 | 18,34,824 |
| Balance, net revenue .. .. .. | 53,36,539 | 1,35,270 | 54,71,809 |
| Grand Total .. | 71,32,077 | 1,74,556 | 73,06,633 |

| * Direct— | RS. |
|---|---|
| Extensions and improvements .. .. .. .. .. .. .. .. .. | 64 |
| Maintenance and repairs .. .. .. .. .. .. .. .. .. | 1,580 |
| Establishment .. .. .. .. .. .. .. .. .. .. | 595 |
| Tools and plant .. .. .. .. .. .. .. .. .. .. | 6 |
| Total, Direct .. | 2,245 |
| Indirect .. .. .. .. .. .. .. .. .. .. | 16 |
| Total, Direct and Indirect .. | 2,261 |

## SHATIATOPE ANICUT SYSTEM—*Canal Project*—cont.

### No. 4.—Interest Account for and to end of 1934–1935.

| | Amount. RS. | | Amount. RS. |
|---|---|---|---|
| Total interest charges to end of 1933–1934 .. .. .. | 9,90,953 | Net revenue realized to end of 1933–1934 .. .. .. | 53,36,539 |
| * Total interest charges for the year 1934–1935 .. .. | 36,146 | Net revenue realized during 1934–1935 .. .. .. | 1,35,270 |
| Balance, net revenue .. .. | 44,44,710 | | |
| Total .. | 54,71,809 | Total .. | 54,71,809 |
| * Interest at 3·3252 per cent on the outlay to end of 1916–1917. | 30,434 | | |
| Interest at 5·12 per cent on the outlay of Rs. 1,11,549 from 1917–1918 to end of 1933–1934 plus half the outlay during 1934–1935 .. .. .. | 5,712 | | |
| Total .. | 36,146 | | |

### No. 5.—Account of Indirect Charges for and to end of 1934–1935.

| Particulars. | Previous. RS. | 1934–1935. RS. | Total. RS. |
|---|---|---|---|
| CAPITAL— | | | |
| Capitalized abatement of land revenue .. .. | 43,806 | 210 | 44,016 |
| Leave and pension allowances .. .. .. | 14,732 | .. | 14,732 |
| Audit and accounts .. .. .. .. .. | 887 | 34 | 921 |
| Total .. | 59,425 | 244 | 59,669 |
| REVENUE— | | | |
| Capitalized abatement of land revenue .. .. | 497 | 94 | 591 |
| Leave and pension allowances .. .. .. | 40,369 | .. | 40,369 |
| Audit and accounts .. .. .. .. .. | 2,952 | 212 | 3,164 |
| Total .. | 43,818 | 306 | 44,124 |
| Grand Total .. | 1,03,243 | 550 | 1,03,793 |



## 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. | Remarks. | |
|---|---|---|---|---|---|---|---|---|---|
| | Expenditure against construction estimate. | Expenditure against open canal sanction. | Total. | Charges to date. | Amount of sanctioned estimate. | Unspent balance of estimate. | | G.O. No. and date. | Amount of estimate. |
| | RS. | RS. | RS. | RS. | RS. | RS. | RS. | | RS. |
| *Direct Charges.* | | | | | | | | | |
| Works .. .. | 1,09,182 | 7,89,532 | 8,98,714 | 3,379 | 3,940 | 61 | 9,02,593 | D.R. No. 131 of 1932–33. | 3,940 |
| Establishment .. .. | 24,702 | 99,772 | 1,24,474 | 1,414 | 1,034 | — 380 | 1,25,888 | | |
| Tools and plant .. .. | .. | 643 | 643 | 15 | 79 | 64 | 658 | | |
| Suspense account .. | .. | .. | .. | .. | .. | .. | .. | | |
| Total .. | 1,33,884 | 8,89,947 | 10,23,831 | 5,308 | 5,053 | — 255 | 10,29,139 | | |
| *Less*—Receipts on Capital account .. | .. | .. | .. | .. | .. | .. | .. | | |
| Net Total .. | 1,33,884 | 8,89,947 | 10,23,831 | 5,308 | 5,053 | — 255 | 10,29,139 | | |
| *Indirect Charges.* | | | | | | | | | |
| Capitalized abatement of land revenue .. | .. | 43,806 | 43,806 | 210 | .. | — 210 | 44,016 | | |
| Leave and pension allowances .. .. | 3,457 | 11,275 | 14,732 | .. | 39 | .. | 14,732 | | |
| Audit and accounts | .. | 883 | 883 | 38 | 39 | 1 | 921 | | |
| Total .. | 3,457 | 55,964 | 59,421 | 248 | 39 | — 209 | 59,669 | | |
| Grand Total .. | 1,37,341 | 9,45,911 | 10,83,252 | 5,556 | 5,092 | — 464 | 10,88,808 | | |

## CHEYYAR ANICUT SYSTEM—*Canal Project.*

### No. 2.—Capital Account for and to end of 1934–1935.

| Heads of account. | Direct Charges. Previous. | 1934-1935. | Total. | Cost of construction as now estimated (construction estimate closed on 31st March 1896). | Expenditure against closed estimate. |
|---|---|---|---|---|---|
| | RS. | | RS. | RS. | RS. |
| I. WORKS— | | | | | |
| (1) *Head Works*— | | | | | |
| C. Works .. .. | 56,860 | .. | 56,860 | 56,860 | 56,860 |
| Total .. | 56,860 | .. | 56,860 | 56,860 | 56,860 |
| (2) *Main Canals and Branches*— | | | | | |
| A. Preliminary expenses .. .. | 542 | .. | 542 | 542 | 542 |
| B. Land .. .. | 443 | .. | 443 | 443 | 443 |
| D. Regulators .. | 9,586 | .. | 9,586 | 9,586 | 9,586 |
| F. River and hill torrent works .. | 498 | .. | 498 | 498 | 498 |
| F. (1) Other cross drainage works. | 7,099 | .. | 7,099 | 7,099 | 7,099 |
| G. Bridges .. .. | 11,934 | .. | 11,934 | 11,934 | 11,934 |
| K. Buildings.. .. | 5,456 | .. | 5,456 | 5,456 | 5,456 |
| L. Earthwork .. | 2,17,214 | .. | 2,17,214 | 2,17,214 | 2,17,214 |
| N. Tanks and reservoirs .. .. | 29,756 | .. | 29,756 | 29,756 | 29,756 |
| O. Miscellaneous .. | 2,098 | .. | 2,098 | 2,098 | 2,098 |
| Total .. | 2,84,626 | .. | 2,84,626 | 2,84,626 | 2,84,626 |
| (3) *Distributaries*— | | | | | |
| B. Land .. .. | 16,736 | .. | 16,736 | 16,736 | 16,736 |
| C. Works .. .. | 31,244 | .. | 31,244 | 31,244 | 31,244 |
| L. Earthwork .. | 26,622 | .. | 26,622 | 26,622 | 26,622 |
| O Miscellaneous .. | 1,257 | .. | 1,257 | 1,257 | 1,257 |
| Total .. | 75,859 | .. | 75,859 | 75,859 | 75,859 |
| (6) *Special Tools and Plant.* | .. | .. | .. | .. | .. |
| Provision for unforeseen works.. | .. | .. | .. | .. | .. |
| Total, Works .. | 4,17,345 | .. | 4,17,345 | 4,17,345 | 4,17,345 |
| II. ESTABLISHMENT .. .. | 1,03,217 | .. | 1,03,217 | 1,03,217 | 1,03,217 |
| III. TOOLS AND PLANT .. | 730 | .. | 730 | 730 | 730 |
| Grand total .. | 5,21,292 | .. | 5,21,292 | 5,21,292 | 5,21,292 |
| *Less*—Receipts on capital account .. .. .. | 50 | .. | 50 | 50 | 50 |
| Net total .. | 5,21,242 | .. | 5,21,242 | 5,21,242 | 5,21,242 |
| *Apportionment*— | | | | | |
| Chargeable to 49. Irrigation .. | 58,224 | .. | 58,224 | .. | .. |
| Chargeable to 43. Irrigation—Provincial .. .. .. | 3,98,916 | .. | 3,98,916 | .. | .. |
| Chargeable to 55-A. Irrigation—1 Productive .. .. | 64,102 | .. | 64,102 | .. | .. |
| Total .. | 5,21,242 | .. | 5,21,242 | .. | .. |



## CHEYYAR ANICUT SYSTEM—*Canal Project*—*conc.*

### No. 3.—Revenue Account for and to end of 1934–1935.

| Receipts. | Total. Previous. | 1934-1935. | Total. |
|---|---|---|---|
| | RS. | RS. | RS. |
| DIRECT RECEIPTS— | | | |
| 5. Receipts from plantation .. | 15,376 | 291 | 15,667 |
| 6. Receipts from other canal produce .. .. .. | 11,364 | 83 | 11,447 |
| 9. Rents of buildings .. .. | 3,277 | 243 | 3,520 |
| 11. Miscellaneous .. .. | 9,569 | 851 | 10,420 |
| Recoveries of expenditure .. | 8 | 21 | 29 |
| *Deduct*—Refunds .. .. | 33 | .. | 33 |
| Total, Revenue realized to Public Works Department. | 39,561 | 1,489 | 41,050 |
| Irrigation Revenue realized in Civil Department .. .. | 28,53,797 | 62,986 | 29,16,783 |
| Total, Direct Receipts .. | 28,93,358 | 64,475 | 29,57,833 |

| Charges. | Total. Previous. | 1934-1935. | Total. |
|---|---|---|---|
| | RS. | RS. | RS. |
| I. EXTENSIONS AND IMPROVEMENTS— | | | |
| (1) Head works .. .. .. | 12,303 | [illegible] | 12,303 |
| (2) Main canals and branches .. .. | 25,188 | .. | 25,188 |
| (3) Distributaries .. .. .. | 1,08,831 | 167 | 1,08,998 |
| (4) Drainage and protective works .. | 1,919 | .. | 1,919 |
| (5) Special tools and plant .. .. | .. | .. | .. |
| *Add*—Unclassifiable outlay .. .. | 39,441 | .. | 39,441 |
| Total .. | 1,87,682 | 167 | 1,87,849 |
| II. MAINTENANCE AND REPAIRS— | | | |
| (1) Head works .. .. .. | 65,235 | 1,742 | 66,977 |
| (2) Main canals and branches .. .. | 1,91,031 | 6,846 | 1,97,877 |
| (3) Distributaries .. .. .. | 8,61,935 | 26,967 | 8,88,902 |
| (4) Drainage and protective works .. | 13,489 | .. | 13,489 |
| (5) Special tools and plant .. .. | .. | .. | .. |
| *Add*—Unclassifiable outlay .. .. | 2,78,001 | .. | 2,78,001 |
| Total .. | 14,09,691 | 35,555 | 14,45,246 |
| Total, Extensions and Improvements and Maintenance and Repairs .. .. | 15,97,373 | 35,722 | 16,33,095 |
| IV. ESTABLISHMENT .. .. .. | 4,39,729 | 11,466 | 4,51,195 |
| V. TOOLS AND PLANT .. .. .. | 7,581 | 190 | 7,771 |
| VI. REFUNDS OF REVENUE .. .. | 832 | .. | 832 |
| *Deduct*—Recoveries on Revenue account. | 9 | .. | 9 |
| Total, Direct Charges .. | 20,45,506 | 47,378 | 20,92,884 |

## CHEYYAR ANICUT SYSTEM—*Canal Project*—cont.

### No. 3.—Revenue Account for and to end of 1934–1935—*cont.*

| Receipts. | Total. Previous. | Total. 1934–1935. | Total. Total. |
|---|---|---|---|
| | RS. | RS. | RS. |
| I. INDIRECT RECEIPTS— | | | |
| Share of land revenue collected in the Civil Departments. | 2,50,383 | 4,735 | 2,55,118 |
| Total, Public Works and Civil Departments, Revenue .. | 31,43,741 | 69,210 | 32,12,951 |
| Total, Receipts .. | 31,43,741 | 69,210 | 32,12,951 |
| * Direct— | | | |
| Extensions and improvements .. | .. | .. | .. |
| Maintenance and repairs .. | .. | .. | .. |
| Establishment .. .. | .. | .. | .. |
| Tools and plant .. .. | .. | .. | .. |
| Indirect .. .. | .. | .. | .. |

| Charges. | Total. Previous. | Total. 1934–1935. | Total. Total. |
|---|---|---|---|
| | RS. | RS. | RS. |
| Share of collection charges in the Civil Department .. .. .. .. | 1,54,597 | 3,314 | 1,57,911 |
| Indirect charges .. .. .. .. | 52,046 | 357 | 52,403 |
| Total, Direct and Indirect Charges .. | 22,52,149 | 51,049 | 23,03,198 |
| * *Deduct*—Old maintenance charges saved to Government .. .. .. | 93,667 | 4,203 | 97,870 |
| Net Total .. | 21,58,482 | 46,846 | 22,05,328 |
| Balance, net revenue .. .. | 9,85,259 | 22,364 | 10,07,623 |
| Grand Total .. | 31,43,741 | 69,210 | 32,12,951 |

| | RS. |
|---|---|
| .. | 2,566 |
| .. | 640 |
| .. | 948 |
| .. | 17 |
| Total, Direct .. | 4,171 |
| .. | 32 |
| Total, Direct and Indirect .. | 4,203 |



## CHEYYAR ANICUT SYSTEM—*Canal Project*—cont.

### No. 4.—Interest Account for and to end of 1934–1935.

| | Amount. |
|---|---|
| | RS. |
| Total interest charges to end of 1933–1934 .. .. .. | 9,12,541 |
| Total interest charges for the year 1934–1935 .. .. .. | 19,047 |
| Balance, net revenue .. .. | 76,035 |
| Total .. | 10,07,623 |
| *Interest at 3·3252 per cent on the outlay to end of 1916–1917 .. | 14,156 |
| Interest at 5·12 per cent on the outlay of Rs. 95,536 from 1917–1918 to end of 1933–1934 plus half the outlay during 1934–1935 .. .. .. .. | 4,891 |
| Total .. | 19,047 |

| | Amount. |
|---|---|
| | RS. |
| Net revenue realized to end of 1933–1934 .. .. .. | 9,85,259 |
| * Net revenue realized during 1934–1935 .. .. .. | 22,364 |
| Total .. | 10,07,623 |

### No. 5.—Account of Indirect Charges for and to end of 1934–1935.

| Particulars. | Previous. | 1934–1935. | Total. |
|---|---|---|---|
| | RS. | RS. | RS. |
| CAPITAL— | | | |
| Capitalization of abatement of land revenue .. | 744 | .. | 744 |
| Leave and pension allowances .. .. .. | 13,948 | .. | 13,948 |
| Audit and accounts .. .. .. .. .. | 481 | .. | 481 |
| Total .. | 15,173 | .. | 15,173 |
| REVENUE— | | | |
| Leave and pension allowances .. .. .. | 45,944 | .. | 45,944 |
| Audit and accounts .. .. .. .. .. | 6,102 | 357 | 6,459 |
| Total .. | 52,046 | 357 | 52,403 |
| Grand Total .. | 67,219 | 357 | 67,576 |

## CHEYYAR ANICUT SYSTEM—*Canal Project*—cont.

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

| Particulars. | Charges against closed sanctions. | | | Current sanctions. | | | Remarks. | |
|---|---|---|---|---|---|---|---|---|
| | Expenditure against construction estimate. | Expenditure against open canal sanctions. | Total. | Charges to date. | Amount of sanctioned estimate. | Unspent balance of estimate. | Total charges to date against old and current sanctions. | G.O. No. and date. / Amount of estimate. |
| | RS. | RS. | RS. | | | | RS. | |
| *Direct charges.* | | | | | | | | |
| Works .. .. | 3,20,865 | 96,480 | 4,17,345 | .. | .. | .. | 4,17,345 | |
| Establishment .. .. | 73,542 | 29,675 | 1,03,217 | .. | .. | .. | 1,03,217 | |
| Tools and plant .. .. | .. | 730 | 730 | .. | .. | .. | 730 | |
| Suspense account .. .. | .. | .. | .. | .. | .. | .. | .. | |
| Total .. | 3,94,407 | 1,26,835 | 5,21,292 | .. | .. | .. | 5,21,292 | |
| *Less*—Receipts on capital account .. | .. | 50 | 50 | .. | .. | .. | 50 | |
| Net total .. | 3,94,407 | 1,26,835 | 5,21,242 | .. | .. | .. | 5,21,242 | |
| *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 .. | .. | 481 | 481 | .. | .. | .. | 481 | |
| Total .. | 11,040 | 4,133 | 15,173 | .. | .. | .. | 15,173 | |
| Grand Total .. | 4,05,447 | 1,30,968 | 5,36,415 | .. | .. | .. | 5,36,415 | |



## CUMBUM TANK—*Tank Project.*

### No. 2.—Capital Account for and to end of 1934–1935.

| Heads of account. | Direct Charges. Previous. | Direct Charges. 1934–1935. | Direct Charges. Total. | Cost of construction as now estimated (construction estimate closed on 31st March 1896). | Expenditure against closed estimate. |
|---|---|---|---|---|---|
| | RS. | | | RS. | RS. |
| I. WORKS— | | | | | |
| (2) *Main Canals and Branches*— | | | | | |
| L. Earthwork .. | 27,401 | .. | 27,401 | 27,401 | 27,401 |
| N. Tanks and reservoirs .. .. | 9,913 | .. | 9,913 | 9,913 | 9,913 |
| Total .. | 37,314 | .. | 37,314 | 37,314 | 37,314 |
| (3) *Distributaries*— | | | | | |
| B. Land .. .. | 1,136 | .. | 1,136 | 1,136 | 1,136 |
| C. Works .. .. | 26,713 | .. | 26,713 | 26,713 | 26,713 |
| L. Earthwork .. | 3,051 | .. | 3,051 | 3,051 | 3,051 |
| O. Miscellaneous .. | 487 | .. | 487 | 487 | 487 |
| Total .. | 31,387 | .. | 31,387 | 31,387 | 31,387 |
| (6) *Special Tools and Plant.* | .. | .. | .. | .. | .. |
| Total, Works .. | 68,701 | .. | 68,701 | 68,701 | 68,701 |
| II. ESTABLISHMENT .. .. | 15,284 | .. | 15,284 | 15,284 | 15,284 |
| III. TOOLS AND PLANT .. .. | .. | .. | .. | .. | .. |
| Grand total .. | 83,985 | .. | 83,985 | 83,985 | 83,985 |
| V. *Less*—RECEIPTS ON CAPITAL ACCOUNT .. .. | .. | .. | .. | .. | .. |
| (*a*) Net total .. | 83,985 | .. | 83,985 | 83,985 | 83,985 |

(*a*) Chargeable to "43. Minor Works and Navigation—Provincial."

## CUMBUM TANK—*Tank Project*—cont.

### No. 3.—Revenue Accounts for and to end of 1934–1935.

| Receipts. | Total. Previous. | 1934–1935. | Total. |
|---|---|---|---|
| | RS. | RS. | RS. |
| I. DIRECT RECEIPTS— | | | |
| 6. Other canal produce .. | 111 | .. | 111 |
| II. Miscellaneous .. .. .. | 11 | .. | 11 |
| Total, Revenue realized in Public Works Department .. | 122 | .. | 122 |
| Irrigation Revenue realized in Civil Department .. .. | 2,58,653 | 9,447 | 2,68,100 |
| Total, Direct Receipts .. | 2,58,775 | 9,447 | 2,68,222 |
| I. INDIRECT RECEIPTS— | | | |
| Share of land revenue collected in the Civil Department .. | 26,933 | 461 | 27,394 |
| Total, Public Works and Civil Departments—Revenue .. | 2,85,708 | 9,908 | 2,95,616 |
| Total, Receipts .. | 2,85,708 | 9,908 | 2,95,616 |

| Charges. | Total. Previous. | 1934–1935. | Total. |
|---|---|---|---|
| | RS. | RS. | RS. |
| I. EXTENSIONS AND IMPROVEMENTS— | | | |
| (1) Head works .. .. .. .. | 418 | .. | 418 |
| (2) Main canals and branches .. .. | 3,621 | .. | 3,621 |
| (3) Distributaries .. .. .. .. | 6,252 | .. | 6,252 |
| (4) Drainage and protective works .. | .. | .. | .. |
| (5) Special tools and plant .. .. | .. | .. | .. |
| *Add*—Unclassifiable outlay .. .. | 7,186 | .. | 7,186 |
| Total .. | 17,477 | .. | 17,477 |
| II. MAINTENANCE AND REPAIRS— | | | |
| (1) Head works .. .. .. .. | 7,977 | 66 | 8,043 |
| (2) Main canals and branches .. .. | 30,674 | 1,231 | 31,905 |
| (3) Distributaries .. .. .. .. | 31,253 | .. | 31,253 |
| (4) Drainage and protective works .. | 1,047 | .. | 1,047 |
| (5) Special tools and plant .. .. | .. | .. | .. |
| *Add*—Unclassifiable outlay .. .. | 24,128 | .. | 24,128 |
| Total .. | 95,079 | 1,297 | 96,376 |
| Total, Extensions and Improvements and Maintenance and Repairs .. .. | 1,12,556 | 1,297 | 1,13,853 |
| IV. ESTABLISHMENT .. .. .. | 32,783 | 352 | 33,135 |
| V. TOOLS AND PLANT .. .. .. | 887 | 2 | 889 |
| VI. REFUNDS OF REVENUE .. .. | .. | .. | .. |
| Total, Direct charges .. | 1,46,226 | 1,651 | 1,47,877 |
| Share of collection charges in the Civil Department .. .. .. .. | 14,280 | 495 | 14,775 |
| Indirect charges .. .. .. .. | 6,964 | 13 | 6,977 |
| Total, Direct and Indirect charges .. | 1,67,470 | 2,159 | 1,69,629 |
| (*a*) *Deduct*—Old maintenance charges saved to Government .. .. .. | 36,822 | 961 | 37,783 |
| Net Total .. | 1,30,648 | 1,198 | 1,31,846 |
| Balance, net revenue .. .. .. | 1,55,060 | 8,710 | 1,63,770 |
| Grand Total .. | 2,85,708 | 9,908 | 2,95,616 |

| | RS. |
|---|---|
| (*a*) Extensions and improvements .. .. .. .. .. .. .. .. .. .. | .. |
| Maintenance and repairs .. .. .. .. .. .. .. .. .. .. | 793 |
| Establishment .. .. .. .. .. .. .. .. .. .. .. | 159 |
| Tools and plant .. .. .. .. .. .. .. .. .. .. | 1 |
| Total, Direct charges .. | 953 |
| Indirect charges .. .. .. .. .. .. .. .. .. .. .. | 8 |
| Total, Direct and Indirect charges .. | 961 |

## CUMBUM TANK—*Tank Project*—cont.

### No. 4.—Interest Account for and to end of 1934–1935.

| | Amount. | | Amount. |
|---|---|---|---|
| | RS. | | RS. |
| Total interest charges to end of 1933–1934 .. .. .. | 1,35,561 | Net revenue realized to end of 1933–1934 .. .. .. | 1,55,060 |
| Total interest charges for the year 1934–1935 .. .. .. | * 2,793 | Net revenue realized during 1934–1935 .. .. .. .. | 8,710 |
| Balance, net revenue .. .. | 25,416 | | |
| Total .. | 1,63,770 | Total .. | 1,63,770 |
| *Interest at 3·3252 per cent on the outlay to end of 1916–1917 .. | 2,793 | | |
| Interest at 5·12 per cent on the outlay of Rs. nil from 1917–1918 to end of 1933–1934 plus half the outlay during 1934–1935 .. .. .. .. | .. | | |
| Total .. | 2,793 | | |

### No. 5.—Account of Indirect Charges for and to end of 1934–1935.

| Particulars. | Previous. | 1934–1935. | Total. |
|---|---|---|---|
| | RS. | RS. | RS. |
| CAPITAL— | | | |
| Capitalization of abatement of land revenue .. | 206 | .. | 206 |
| Leave and pension allowances .. .. .. | 2,182 | .. | 2,182 |
| Total .. | 2,388 | .. | 2,388 |
| REVENUE— | | | |
| Capitalization of abatement of land revenue .. | 2,801 | .. | 2,801 |
| Leave and pension allowances .. .. .. | 3,909 | .. | 3,909 |
| Audit and account .. .. .. .. .. | 254 | 13 | 267 |
| Total .. | 6,964 | 13 | 6,977 |
| Grand Total .. | 9,352 | 13 | 9,365 |



## 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. | Remarks. | |
|---|---|---|---|---|---|---|---|---|
| | Expenditure against construction estimate. | Expenditure against open canal sanction. | Total. | Charges to date. | Amount of sanctioned estimate. | Unspent balance of estimate. | | G.O. No. and date. | Amount of estimate. |
| | RS. | RS. | RS. | | | | RS. | | |
| *Direct Charges.* | | | | | | | | | |
| 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 | | |
| *Less*—Receipts on Capital Account .. | .. | .. | .. | .. | .. | .. | .. | | |
| Net Total .. | 45,809 | 38,176 | 83,985 | .. | .. | .. | 83,985 | | |
| *Indirect Charges.* | | | | | | | | | |
| 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 | | |

## POINEY ANICUT SYSTEM—*Canal Project.*

### No. 2.—Capital Account for and to end of 1934–1935.

| Heads of account. | Direct Charges. Previous. | Direct Charges. 1934–1935. | Direct Charges. Total. | Cost of construction as now estimated (construction estimate closed in 1897). | Expenditure against closed estimate. |
|---|---|---|---|---|---|
| | RS. | | RS. | RS. | RS. |
| WORKS— | | | | | |
| (1) *Head Works*— | | | | | |
| C. Works .. .. | 79,036 | .. | 79,036 | 79,036 | 79,036 |
| Total .. | 79,036 | .. | 79,036 | 79,036 | 79,036 |
| (2) *Main Canals and Branches*— | | | | | |
| B. Land .. .. | .. | .. | .. | .. | .. |
| D. Regulators .. | 1,655 | .. | 1,655 | 1,655 | 1,655 |
| E. Falls and weirs .. | .. | .. | .. | .. | .. |
| F. River and hill torrent works .. | .. | .. | .. | .. | .. |
| K. Buildings .. .. | 3,636 | .. | 3,636 | 3,636 | 3,636 |
| L. Earthwork .. | 1,34,971 | .. | 1,34,971 | 1,34,971 | 1,34,971 |
| N. Tanks and reservoirs .. .. | 6,368 | .. | 6,368 | 6,368 | 6,368 |
| Total .. | 1,46,630 | .. | 1,46,630 | 1,46,630 | 1,46,630 |
| (3) *Distributaries*— | | | | | |
| B. Land .. .. | .. | .. | .. | .. | .. |
| C. Works .. .. | 8,597 | .. | 8,597 | 8,597 | 8,597 |
| L. Earthwork .. | .. | .. | .. | .. | .. |
| Total .. | 8,597 | .. | 8,597 | 8,597 | 8,597 |
| (6) *Special Tools and Plant.* | .. | .. | .. | .. | .. |
| Total, Works .. | 2,34,263 | .. | 2,34,263 | 2,34,263 | 2,34,263 |
| II. ESTABLISHMENT .. .. | 60,576 | .. | 60,576 | 60,576 | 60,576 |
| III. TOOLS AND PLANT .. .. | 267 | .. | 267 | 267 | 267 |
| Grand Total .. | 2,95,106 | .. | 2,95,106 | 2,95,106 | 2,95,106 |
| *Apportionment*— | | | | | |
| Chargeable to 49. Irrigation .. | 40,713 | .. | 40,713 | .. | .. |
| Chargeable to 43. Irrigation—Provincial .. .. .. | 2,30,767 | .. | 2,30,767 | .. | .. |
| Chargeable to 55-A. Irrigation—1. Productive .. .. | 23,626 | .. | 23,626 | .. | .. |
| Total .. | 2,95,106 | .. | 2,95,106 | .. | .. |



## POINEY ANICUT SYSTEM—*Canal Project*—cont.

### No. 3.—Revenue Account for and to end of 1934–1935.

| Receipts. | Total. Previous. | Total. 1934–1935. | Total. Total. |
|---|---|---|---|
| | RS. | RS. | RS. |
| I. DIRECT RECEIPTS— | | | |
| 5. Receipts from plantations .. | 4,903 | 103 | 5,006 |
| 6. Receipts from other canal produce .. .. .. | 9,011 | 114 | 9,125 |
| 9. Rents of buildings .. .. | 1,651 | 94 | 1,745 |
| 11. Miscellaneous .. .. | 4,590 | .. | 4,590 |
| Recoveries of expenditure .. | 12 | 860 | 872 |
| *Deduct*—Refunds .. .. | 7 | .. | 7 |
| **Total**, Revenue realized in Public Works Department .. .. | 20,160 | 1,171 | 21,331 |
| Irrigation Revenue realized in Civil Department .. .. | 29,48,269 | 61,959 | 30,10,228 |
| Total, Direct Receipts .. | 29,68,429 | 63,130 | 30,31,559 |
| II. INDIRECT RECEIPTS— | | | |
| Share of Land Revenue collected in the Civil Department .. .. .. | 3,45,714 | 5,467 | 3,51,181 |

| Charges. | Total. Previous. | Total. 1934–1935. | Total. Total. |
|---|---|---|---|
| | RS. | RS. | RS. |
| I. EXTENSIONS AND IMPROVEMENTS— | | | |
| (1) Head works .. .. .. | 7,532 | 16 | 7,548 |
| (2) Main canals and branches .. | 23,069 | 782 | 23,851 |
| (3) Distributaries .. .. .. | 50,555 | 30 | 50,585 |
| (4) Drainage and protective works .. | 49,029 | .. | 49,029 |
| (5) Special tools and plant .. | .. | .. | .. |
| Total .. | 1,30,185 | 828 | 1,31,013 |
| II. MAINTENANCE AND REPAIRS— | | | |
| (1) Head works .. .. .. | 1,08,904 | 3,770 | 1,12,674 |
| (2) Main canals and branches .. | 1,12,168 | 1,713 | 1,13,881 |
| (3) Distributaries .. .. .. | 3,63,173 | 21,091 | 3,84,264 |
| (4) Drainage and protective works .. | .. | .. | .. |
| (5) Special tools and plant .. | .. | .. | .. |
| *Add*—Unclassifiable outlay .. | 2,76,594 | .. | 2,76,594 |
| Total .. | 8,60,839 | 26,574 | 8,87,413 |
| Total, Extensions and Improvements and Maintenance and Repairs .. | 9,91,024 | 27,402 | 10,18,426 |
| IV ESTABLISHMENT .. .. .. | 2,89,547 | 8,869 | 2,98,416 |
| V. TOOLS AND PLANT .. .. .. | 3,993 | 147 | 4,140 |
| VI. REFUNDS OF REVENUE .. .. | 461 | .. | 461 |
| *Deduct*—Recoveries on Revenue account. | 5 | .. | 5 |
| Total, Direct charges .. | 12,85,020 | 36,418 | 13,21,438 |
| Share of collection charges in the Civil Department .. .. .. | 1,64,621 | 3,369 | 1,67,990 |
| **Indirect charges** .. .. .. | 36,357 | 274 | 36,631 |

## POINEY ANICUT SYSTEM—*Canal Project*—cont.

### No. 3.—Revenue Account for and to end of 1934–1935—*cont.*

| Receipts. | Total. Previous. | Total. 1934–1935. | Total. Total. |
|---|---|---|---|
| | RS. | RS. | RS. |
| Total Public Works and Civil Departments, Revenue .. | 33,14,143 | 68,597 | 33,82,740 |
| Total, Receipts .. | 33,14,143 | 68,597 | 33,82,740 |
| * Direct— | | | |
| Extensions and improvements .. | | | |
| Maintenance and repairs .. | | | |
| Establishment .. | | | |
| Tools and plant .. | | | |
| Indirect .. .. | | | |

| Charges. | RS. |
|---|---|
| Total, Direct and Indirect Charges .. | 3,057 |
| *Deduct*—Old maintenance charges saved to Government .. .. .. .. | 66 |
| Net Total .. | 924 |
| Balance, net revenue .. .. .. | 16 |
| Grand Total .. | |
| Total, Direct .. | 4,063 |
| .. .. .. | 31 |
| Total, Direct and Indirect .. | 4,094 |



## POINEY ANICUT SYSTEM—*Canal Project*—cont.

### No. 4.—Interest Account for and to end of 1934–1935.

| | Amount. RS. | | Amount. RS. |
|---|---|---|---|
| Total interest charges to end of 1933–1934 .. .. .. | 5,97,692 | Net revenue realized to end of 1933–1934 .. .. .. | 19,19,381 |
| * Total interest charges for the year 1934–1935 .. .. | 10,840 | Net revenue during 1934–1935 .. | 32,630 |
| Balance, net revenue .. .. | 13,43,479 | | |
| Total .. | 19,52,011 | Total .. | 19,52,011 |

| | RS. |
|---|---|
| * Interest at 3·3252 per cent on the outlay to end of 1916–1917 | 7,909 |
| Interest at 5·12 per cent on the outlay of Rs. 57,247 from 1917–1918 to end of 1933–1934 plus half the outlay during 1934–1935.. | 2,931 |
| Total .. | 10,840 |

### No. 5.—Account of Indirect Charges for and to end of 1934–1935.

| Particulars. | Previous. RS. | 1934–1935. RS. | Total. RS. |
|---|---|---|---|
| CAPITAL— | | | |
| Capitalization of abatement of land revenue .. | 165 | .. | 165 |
| Leave and pension allowances .. .. .. | 8,480 | .. | 8,480 |
| Audit and accounts .. .. .. .. .. | 167 | .. | 167 |
| Total .. | 8,812 | .. | 8,812 |
| REVENUE— | | | |
| Capitalization of abatement of land revenue .. | 403 | .. | 403 |
| Leave and pension allowances .. .. .. | 33,141 | .. | 33,141 |
| Audit and accounts .. .. .. .. .. | 2,813 | 274 | 3,087 |
| Total .. | 36,357 | 274 | 36 631 |
| Grand Total .. | 45,169 | 274 | 45,443 |

## POINEY ANICUT SYSTEM—*Canal Project*—cont.

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

| Particulars. | Charges against closed sanctions. | | | Current sanctions. | | | Remarks. | |
|---|---|---|---|---|---|---|---|---|
| | Expenditure against construction estimate. | Expenditure against open canal sanction. | Total. | Charges to date. | Amount of sanctioned estimate. | Unspent balance of estimate. | Total charges to date against old and current sanctions. | G.O. No. and date. | Amount 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 | | |



## PERIYAR SYSTEM—*Tank Project.*

### No. 2.—Capital Account for and to end of 1934–1935.

| Heads of account. | Direct Charges. Previous. | 1934–1935. | Total. | Amount of construction as now estimated (construction estimate closed on 31st March 1897). | Expenditure against closed estimate. |
|---|---|---|---|---|---|
| | RS. | | RS. | RS. | RS. |
| I. WORKS— | | | | | |
| (1) *Head Works*— | | | | | |
| A. Preliminary expenses .. | 87,181 | .. | 87,181 | 87,181 | 87,181 |
| B. Land .. .. .. | 69,057 | .. | 69,057 | 69,057 | 69,057 |
| C. Works .. .. .. | 43,65,175 | .. | 43,65,175 | 43,65,175 | 43,65,175 |
| K. Buildings .. .. | 3,26,540 | .. | 3,26,540 | 3,26,540 | 3,26,540 |
| L. Earthwork .. .. | 1,82,663 | .. | 1,82,663 | 1,82,663 | 1,82,663 |
| O. Miscellaneous .. .. | 1,83,487 | .. | 1,83,487 | 1,83,487 | 1,83,487 |
| P. Maintenance .. .. | 74,692 | .. | 74,692 | 74,692 | 74,692 |
| Total .. | 52,88,795 | .. | 52,88,795 | 52,88,795 | 52,88,795 |
| (2) *Main Canals and Branches*— | | | | | |
| A. Preliminary expenses .. | 24,650 | .. | 24,650 | 24,650 | 24,650 |
| B. Land .. .. .. | 78,581 | .. | 78,581 | 78,581 | 78,581 |
| C. Masonry works .. .. | 1,75,769 | .. | 1,75,769 | 1,75,769 | 1,75,769 |
| D. Regulators .. .. | 1,20,701 | .. | 1,20,701 | 1,20,701 | 1,20,701 |
| E. Falls and weirs .. .. | 20,759 | .. | 20,759 | 20,759 | 20,759 |
| F. (1) Other cross drainage works .. .. .. | 3,91,289 | .. | 3,91,289 | 3,91,289 | 3,91,289 |
| G. Bridges .. .. .. | 72,797 | .. | 72,797 | 72,797 | 72,797 |
| H. Escapes .. .. .. | 2,416 | .. | 2,416 | 2,416 | 2,416 |
| K. Buildings .. .. | 33,814 | .. | 33,814 | 33,814 | 33,814 |
| L. Earthwork .. .. | 5,71,271 | .. | 5,71,271 | 5,71,271 | 5,71,271 |
| O. Miscellaneous .. .. | 21,211 | .. | 21,211 | 21,211 | 21,211 |
| P. Maintenance .. .. | 85,862 | .. | 85,862 | 85,862 | 85,862 |
| Total .. | 15,99,120 | .. | 15,99,120 | 15,99,120 | 15,99,120 |
| (3) *Distributaries*— | | | | | |
| A. Preliminary expenses .. | 10,734 | .. | 10,734 | 10,734 | 10,734 |
| B. Land .. .. .. | 98,820 | .. | 98,820 | 98,820 | 98,820 |
| C. Works .. .. .. | 3,68,314 | .. | 3,68,314 | 3,68,314 | 3,68,314 |
| D. Regulators .. .. | 22,401 | .. | 22,401 | 22,401 | 22,401 |
| E. Falls .. .. .. | 86,010 | .. | 86,010 | 86,010 | 86,010 |
| F. (1) Other cross drainage works .. .. .. | 31,701 | .. | 31,701 | 31,701 | 31,701 |
| G. Bridges .. .. .. | 20,208 | .. | 20,208 | 20,208 | 20,208 |
| K. Buildings .. .. | 10,945 | .. | 10,945 | 10,945 | 10,945 |
| L. Earthwork .. .. | 4,06,847 | .. | 4,06,847 | 4,06,847 | 4,06,847 |
| O. Miscellaneous .. .. | 27,179 | .. | 27,179 | 27,179 | 27,179 |
| P. Maintenance .. .. | 22,863 | .. | 22,863 | 22,863 | 22,863 |
| Total .. | 11,06,022 | .. | 11,06,022 | 11,06,022 | 11,06,022 |
| (4) *Drainage and Protective Works*— | | | | | |
| B. Land .. .. .. | 16,179 | .. | 16,179 | 16,179 | 16,179 |
| C. Works .. .. .. | 1,033 | .. | 1,033 | 1,033 | 1,033 |
| L. Earthwork .. .. | 13,272 | .. | 13,272 | 13,272 | 13,272 |
| O. Miscellaneous .. .. | 3,882 | .. | 3,882 | 3,882 | 3,882 |
| Total .. | 34,366 | .. | 34,366 | 34,366 | 34,366 |

PERIYAR SYSTEM—*Tank Project*—cont.

No. 2.—Capital Account for and to end of 1934–1935—*cont.*

| Heads of account. | Direct Charges. Previous. | 1934–1935. | Total. | Amount of construction as now estimated (construction estimate closed on 31st March 1893). | Expenditure against closed estimate. |
|---|---|---|---|---|---|
| | RS. | | RS. | RS. | RS. |
| I. WORKS—*cont.* | | | | | |
| Total, Works .. | 80,28,303 | .. | 80,28,303 | 80,28,303 | 80,28,303 |
| II. ESTABLISHMENT .. .. | 16,90,738 | .. | 16,90,738 | 16,90,738 | 16,90,738 |
| III. TOOLS AND PLANT .. .. | 7,66,897 | .. | 7,66,897 | 7,66,897 | 7,66,897 |
| Grand Total .. | 1,04,85,938 | .. | 1,04,85,938 | 1,04,85,938 | 1,04,85,938 |
| IV. *Less*—RECEIPTS ON CAPITAL ACCOUNT .. .. .. | 21,311 | .. | 21,311 | 21,311 | 21,311 |
| (*a*) Net Total .. | 1,04,64,627 | .. | 1,04,64,627 | 1,04,64,627 | 1,04,64,627 |
| Chargeable to 49. Irrigation works .. | 1,03,11,093 | .. | 1,03,11,093 | .. | .. |
| Do. to 55-A. Irrigation works—1. Productive .. .. | 1,53,534 | .. | 1,53,534 | .. | .. |
| Total .. | 1,04,64,627 | .. | 1,04,64,627 | .. | .. |



PERIYAR SYSTEM—*Tank Project*—cont.

No. 3.—Revenue Account for and to end of 1934–1935.

| Receipts. | Total. Previous. | 1934–1935. | Total. |
|---|---|---|---|
| | RS. | RS. | RS. |
| I. DIRECT RECEIPTS— | | | |
| 3. Sales of water .. .. | 450 | .. | 450 |
| 4. Water-supply of towns .. | 4,373 | .. | 4,373 |
| 5. Receipts from plantations. | 76,075 | 4,224 | 80,299 |
| 6. Receipts from other canal produce .. .. .. | 2,19,572 | 3,363 | 2,22,935 |
| 8. Receipts from navigation. | 17,987 | 325 | 18,312 |
| 9. Rents of buildings .. | 27,082 | 1,679 | 28,761 |
| 10. Fines .. .. .. | 840 | .. | 840 |
| 11. Miscellaneous .. .. | 60,461 | 434 | 60,895 |
| Recoveries of expenditure. | 2,917 | 312 | 3,229 |
| *Deduct*—Refunds .. .. | 40,559 | 147 | 40,706 |
| Total, Revenue realized in the Public Works Department .. | 3,69,198 | 10,190 | 3,79,388 |
| Irrigation revenue realized in Civil Department .. .. .. | 2,19,90,403 | 7,52,575 | 2,27,42,978 |
| Total, Direct Receipts .. | 2,23,59,601 | 7,62,765 | 2,31,22,366 |

| Charges. | Total. Previous. | 1934–1935. | Total. |
|---|---|---|---|
| | RS. | RS. | RS. |
| I. EXTENSIONS AND IMPROVEMENTS— | | | |
| (1) Head works .. .. | 6,99,829 | — 401 | 6,99,428 |
| (2) Main canals and branches .. | 73,148 | 18,951 | 92,099 |
| (3) Distributaries .. .. | 2,86,874 | 7,904 | 2,94,778 |
| (4) Drainage and protective works .. | 16,984 | .. | 16,984 |
| (5) Special tools and plant .. .. | 83 | .. | 83 |
| Total .. | 10,76,918 | 26,454 | 11,03,372 |
| II. MAINTENANCE AND REPAIRS— | | | |
| (1) Head works .. .. | 4,90,807 | 11,772 | 5,02,579 |
| (2) Main canals and branches .. | 9,53,558 | 45,823 | 9,99,381 |
| (3) Distributaries .. .. | 9,47,358 | 35,585 | 9,82,943 |
| (4) Drainage and protective works .. | 85,383 | .. | 85,383 |
| (5) Special tools and plant .. .. | 15,102 | .. | 15,102 |
| Total .. | 24,92,208 | 93,180 | 25,85,388 |
| III. COMPENSATION .. .. .. .. | 16,05,698 | 42,965 | 16,48,663 |
| Total, Extensions and Improvements and Maintenance and Repairs .. .. | 51,74,824 | 1,62,599 | 53,37,423 |
| IV. ESTABLISHMENT .. .. .. | 19,56,465 | 63,257 | 20,19,722 |
| V. TOOLS AND PLANT .. .. .. | 86,085 | 576 | 86,661 |
| VI. REFUNDS OF REVENUE .. .. .. | 2,619 | .. | 2,619 |
| *Deduct*—Recoveries or Revenue account.. | 94 | .. | 94 |
| Total, Direct Charges .. | 72,19,899 | 2,26,432 | 74,46,331 |

## 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. | Remarks. | |
|---|---|---|---|---|---|---|---|---|
| | Expenditure against construction estimate. | Expenditure against open canal sanction. | Total. | Charges to date. | Unspent balance of estimate. | | G.O. No. and date. | Amount of estimate. |
| | RS. | RS. | RS. | | | | | |
| *Direct Charges.* | | | | | | | | |
| Works .. .. | 60,69,752 | 19,58,551 | 80,28,303 | .. | .. | 80,28,303 | | |
| Establishment .. .. | 13,46,177 | 3,44,561 | 16,90,738 | .. | .. | 16,90,738 | | |
| Tools and plant .. .. | 7,28,291 | 38,606 | 7,66,897 | .. | .. | 7,66,897 | | |
| Suspense account .. | .. | .. | .. | .. | .. | .. | | |
| Total .. | 81,44,220 | 23,41,718 | 1,04,85,938 | .. | .. | 1,04,85,938 | | |
| *Less*—Receipts on Capital Account .. | 14,203 | 7,108 | 21,311 | .. | .. | 21,311 | | |
| Net Total .. | 81,30,017 | 23,34,610 | 1,04,64,627 | .. | .. | 1,04,64,627 | | |
| *Indirect Charges.* | | | | | | | | |
| 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 | | |



## KISTNA DELTA SYSTEM—*Canal Project.*

### No. 2.—Capital Account for and to end of 1934–1935.

| Heads of account. | Direct Charges. Previous. | 1934–1935. | Total. | Cost of construction as now estimated (construction estimate closed on 31st March 1898). | Expenditure against closed estimate. |
|---|---|---|---|---|---|
| | RS. | RS. | RS. | RS. | RS. |
| I. WORKS— | | | | | |
| (1) *Head Works*— | | | | | |
| B. Land .. .. .. | 12,732 | .. | 12,732 | 12,732 | 12,732 |
| C. Works .. .. .. | 10,37,045 | .. | 10,37,045 | 10,37,045 | 10,37,045 |
| K. Buildings .. .. | 1,02,702 | .. | 1,02,702 | 1,02,702 | 1,02,702 |
| O. Miscellaneous .. .. | 44,028 | .. | 44,028 | 44,028 | 44,028 |
| Total .. | 11,96,507 | .. | 11,96,507 | 11,96,507 | 11,96,507 |
| (2) *Main Canals and Branches*— | | | | | |
| A. Preliminary expenses .. | 5,380 | 2,836 | 8,216 | 51,853 | 1,853 |
| B. Land .. .. .. | 1,67,743 | 1,04,944 | 2,72,687 | 2,80,100 | 1,13,400 |
| D. Regulators .. .. | 5,90,728 | 18,020 | 6,08,748 | 6,66,705 | 5,89,515 |
| E. Falls and weirs .. .. | 18,119 | .. | 18,119 | 18,119 | 18,119 |
| F. River and hill torrent works .. .. .. | 4,77,313 | .. | 4,77,313 | 4,77,313 | 4,77,313 |
| F. (1) Other cross drainage works .. .. | 1,32,809 | 1,98,601 | 3,31,410 | 7,63,524 | 97,904 |
| G. Bridges .. .. .. | 2,29,417 | 14,842 | 2,44,259 | 2,71,258 | 2,20,828 |
| H. Escapes .. .. .. | 93,282 | 231 | 93,513 | 93,992 | 93,282 |
| I. Navigation works .. | 7,00,603 | 45,570 | 7,46,173 | 8,92,454 | 6,93,274 |
| K. Buildings .. .. | 1,59,873 | 46,104 | 2,05,977 | 2,11,684 | 1,54,024 |
| L. Earthwork .. .. | 20,00,445 | 85,400 | 20,85,845 | 26,14,553 | 20,00,653 |
| N. Tanks and reservoirs .. | 1,213 | .. | 1,213 | 1,213 | 1,213 |
| O. Miscellaneous .. .. | 1,42,588 | 533 | 1,43,121 | 1,79,081 | 1,43,651 |
| M. Plantation .. .. | 7 | 550 | 557 | 3,100 | .. |
| P. Maintenance .. .. | .. | .. | .. | 15,310 | .. |
| Total .. | 47,19,520 | 5,17,631 | 52,37,151 | 65,40,259 | 46,05,029 |
| (3) *Distributaries*— | | | | | |
| A. Preliminary expenses .. | 4,171 | .. | 4,171 | 8,571 | 4,171 |
| B. Land .. .. .. | 4,31,585 | 2,13,298 | 6,44,883 | 8,78,320 | 4,20,197 |
| C. Works .. .. .. | 7,36,183 | 20,791 | 7,56,974 | 10,67,876 | 7,36,761 |
| D. Regulators .. .. | 297 | .. | 297 | 297 | 297 |
| E. Falls and weirs .. .. | 3,145 | .. | 3,145 | 3,145 | 3,145 |
| L. Earthwork .. .. | 9,39,107 | 14,813 | 9,53,920 | 12,02,797 | 9,41,792 |
| O. Miscellaneous .. .. | 94,617 | 1,124 | 95,741 | 1,01,603 | 92,023 |
| Unforeseen works .. .. | .. | .. | .. | .. | .. |
| Total .. | 22,09,105 | 2,50,026 | 24,59,131 | 32,62,609 | 21,98,386 |
| (4) *Drainage and Protective Works*— | | | | | |
| A. Preliminary expenses .. | 774 | .. | 774 | 774 | 774 |
| B. Land .. .. .. | 1,93,584 | 35,006 | 2,28,590 | 2,26,923 | 1,93,288 |
| C. Works .. .. .. | 4,89,295 | 1,435 | 4,90,730 | 5,26,345 | 4,89,295 |
| K. Buildings .. .. | 1,801 | .. | 1,801 | 1,801 | 1,801 |
| L. Earthwork .. .. | 24,05,240 | 10,151 | 24,15,391 | 25,52,598 | 23,86,988 |
| O. Miscellaneous .. .. | 77,618 | 40 | 77,658 | 78,851 | 77,481 |
| P. Maintenance .. .. | 2,985 | .. | 2,985 | 2,985 | 2,985 |
| G. Bridges .. .. | .. | .. | .. | 2,200 | .. |
| D. Regulators .. .. | .. | .. | .. | 3,500 | .. |
| Unforeseen works .. .. | .. | .. | .. | 95 | .. |
| Total .. | 31,71,297 | 46,632 | 32,17,929 | 33,96,072 | 31,52,612 |
| (5) *Water courses*— | | | | | |
| B. Land .. .. .. | 421 | 1,527 | 1,948 | 1,33,100 | .. |
| C. Works .. .. .. | .. | .. | .. | 23,400 | .. |
| L. Earthwork .. .. | .. | .. | .. | 56,750 | .. |
| O. Miscellaneous .. .. | .. | .. | .. | 550 | .. |
| Total .. | 421 | 1,527 | 1,948 | 2,13,800 | .. |

## PERIYAR SYSTEM—*Tank Project*—cont.

### No. 3.—Revenue Account for and to end of 1934–1935—*cont.*

| Receipts | Total. Previous. | Total. 1934–1935. | Total. Total. |
|---|---|---|---|
| | RS. | RS. | RS. |
| I. INDIRECT RECEIPTS— | | | |
| Share of land revenue collected in the Civil Department .. | 19,23,007 | 94,826 | 20,17,833 * |
| Total, Public Works and Civil Departments, Revenue .. | 2,42,82,608 | 8,57,591 | 2,51,40,199 * |
| Total, Receipts .. | 2,42,82,608 | 8,57,591 | 2,51,40,199 |

| Charges. | Total. Previous. | Total. 1934–1935. | Total. Total. |
|---|---|---|---|
| | RS. | RS. | RS. |
| Share of collection charges in the Civil Department .. .. .. .. | 11,22,277 | 38,645 | 11,60,922 |
| Indirect charges .. .. .. .. | 2,33,177 | 1,626 | 2,34,803 |
| Total, Direct and Indirect Charges .. | 35,75,353 | 2,66,703 | 88,42,056 |
| *Deduct*—Old maintenance charges saved to Government * .. | 11,84,054 | 34,866 | 12,18,920 |
| Net Total .. | 73,91,299 | 2,31,837 | 76,23,136 |
| Balance, net revenue .. | 1,68,91,309 | 6,25,754 | 1,75,17,063 |
| Grand Total .. | 2,42,82,608 | 8,57,591 | 2,51,40,199 |

| | RS. |
|---|---|
| * Direct— | |
| Extensions and improvements .. .. .. | 4,474 |
| Maintenance and repairs .. .. .. | 21,422 |
| Establishment .. .. .. .. | 8,620 |
| Tools and plant .. .. .. .. | 91 |
| Total, Direct .. .. | 34,607 |
| Indirect .. .. .. .. .. | 259 |
| Total, Direct and Indirect .. | 34,866 |



## PERIYAR SYSTEM—*Tank Project*—cont.

### No. 4.—Interest Account for and to end of 1934–1935.

| | Amount. | | Amount. |
|---|---|---|---|
| | RS. | | RS. |
| Total interest charges to end of 1933–1934 .. .. .. | 1,44,02,082 | Net revenue realized to end of 1933–1934 .. .. .. | 1,68,91,309 |
| Total interest charges for the year 1934–1935 .. .. | 3,51,030 | * Net revenue realized during 1934–1935 .. .. .. | 6,25,754 |
| Balance, net revenue .. .. | 27,63,951 | | |
| Total .. | 1,75,17,063 | Total .. | 1,75,17,063 |
| *Interest at 3·3252 per cent on the outlay to end of 1916–1917 .. | 3,42,301 | | |
| Interest at 5·12 per cent on the outlay of Rs. 1,70,487 from 1917–1918 to end of 1933–1934 plus half the outlay during 1934–1935 .. .. .. | 8,729 | | |
| Total .. | 3,51,030 | | |

### No. 5.—Account of Indirect Charges for and to end of 1934–1935.

| Particulars. | Previous. | 1934–1935. | Total. |
|---|---|---|---|
| | RS. | RS. | RS. |
| CAPITAL— | | | |
| Capitalization of abatement of land revenue .. | 1,36,468 | .. | 1,36,468 |
| Leave and pension allowances .. .. .. | 2,33,396 | .. | 2,33,396 |
| Audit and accounts .. .. .. .. .. | 1,163 | .. | 1,163 |
| Total .. | 3,71,027 | .. | 3,71,027 |
| REVENUE— | | | |
| Capitalization of abatement of land revenue .. | 26,661 | .. | 26,661 |
| Leav and pension allowances .. .. .. | 1,79,762 | .. | 1,79,762 |
| Audit and accounts .. .. .. .. .. | 26,754 | 1,626 | 28,380 |
| Total .. | 2,33,177 | 1,626 | 2,34,803 |
| Grand Total .. | 6,04,204 | 1,626 | 6,05,830 |

## 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. | Remarks. | |
|---|---|---|---|---|---|---|---|---|
| | Expenditure against construction estimate. | Expenditure against open canal sanction. | Total. | Charges to date. | Unspent balance of estimate. | | G.O. No. and date. | Amount of estimate. |
| | RS. | RS. | RS. | | | | | |
| *Direct Charges.* | | | | | | | | |
| Works .. .. | 60,69,752 | 19,58,551 | 80,28,303 | .. | .. | 80,28,303 | | |
| Establishment .. .. | 13,46,177 | 3,44,561 | 16,90,738 | .. | .. | 16,90,738 | | |
| Tools and plant .. .. | 7,28,291 | 38,606 | 7,66,897 | .. | .. | 7,66,897 | | |
| Suspense account .. .. | .. | .. | .. | .. | .. | .. | | |
| Total .. | 81,44,220 | 23,41,718 | 1,04,85,938 | .. | .. | 1,04,85,938 | | |
| *Less*—Receipts on Capital Account .. | 14,203 | 7,108 | 21,311 | .. | .. | 21,311 | | |
| Net Total .. | 81,30,017 | 23,34,610 | 1,04,64,627 | .. | .. | 1,04,64,627 | | |
| *Indirect Charges.* | | | | | | | | |
| 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 | | |



## KISTNA DELTA SYSTEM—*Canal Project.*

### No. 2.—Capital Account for and to end of 1934–1935.

| Heads of account. | Direct Charges. Previous. | 1934–1935. | Total. | Cost of construction as now estimated (construction estimate closed on 31st March 1898). | Expenditure against closed estimate. |
|---|---|---|---|---|---|
| | RS. | RS. | RS. | RS. | RS. |
| I. WORKS— | | | | | |
| (1) *Head Works*— | | | | | |
| B. Land .. .. .. | 12,732 | .. | 12,732 | 12,732 | 12,732 |
| C. Works .. .. .. | 10,37,045 | .. | 10,37,045 | 10,37,045 | 10,37,045 |
| K. Buildings .. .. | 1,02,702 | .. | 1,02,702 | 1,02,702 | 1,02,702 |
| O. Miscellaneous .. .. | 44,028 | .. | 44,028 | 44,028 | 44,028 |
| Total .. | 11,96,507 | .. | 11,96,507 | 11,96,507 | 11,96,507 |
| (2) *Main Canals and Branches*— | | | | | |
| A. Preliminary expenses .. | 5,380 | 2,836 | 8,216 | 51,853 | 1,853 |
| B. Land .. .. .. | 1,67,743 | 1,04,944 | 2,72,687 | 2,80,100 | 1,13,400 |
| D. Regulators .. .. | 5,90,728 | 18,020 | 6,08,748 | 6,66,705 | 5,89,515 |
| E. Falls and weirs .. .. | 18,119 | .. | 18,119 | 18,119 | 18,119 |
| F. River and hill torrent works .. .. .. | 4,77,313 | .. | 4,77,313 | 4,77,313 | 4,77,313 |
| F. (1) Other cross drainage works .. .. | 1,32,809 | 1,98,601 | 3,31,410 | 7,63,524 | 97,904 |
| G. Bridges .. .. .. | 2,29,417 | 14,842 | 2,44,259 | 2,71,258 | 2,20,828 |
| H. Escapes .. .. .. | 93,282 | 231 | 93,513 | 93,992 | 93,282 |
| I. Navigation works .. | 7,00,603 | 45,570 | 7,46,173 | 8,92,454 | 6,93,274 |
| K. Buildings .. .. | 1,59,873 | 46,104 | 2,05,977 | 2,11,684 | 1,54,024 |
| L. Earthwork .. .. | 20,00,445 | 85,400 | 20,85,845 | 26,14,553 | 20,00,653 |
| N. Tanks and reservoirs .. | 1,213 | .. | 1,213 | 1,213 | 1,213 |
| O. Miscellaneous .. .. | 1,42,588 | 533 | 1,43,121 | 1,79,081 | 1,43,651 |
| M. Plantation .. .. | 7 | 550 | 557 | 3,100 | .. |
| P. Maintenance .. .. | .. | .. | .. | 15,310 | .. |
| Total .. | 47,19,520 | 5,17,631 | 52,37,151 | 65,40,259 | 46,05,029 |
| (3) *Distributaries*— | | | | | |
| A. Preliminary expenses .. | 4,171 | .. | 4,171 | 8,571 | 4,171 |
| B. Land .. .. .. | 4,31,585 | 2,13,298 | 6,44,883 | 8,78,320 | 4,20,197 |
| C. Works .. .. .. | 7,36,183 | 20,791 | 7,56,974 | 10,67,876 | 7,36,761 |
| D. Regulators .. .. | 297 | .. | 297 | 297 | 297 |
| E. Falls and weirs .. .. | 3,145 | .. | 3,145 | 3,145 | 3,145 |
| L. Earthwork .. .. | 9,39,107 | 14,813 | 9,53,920 | 12,02,797 | 9,41,792 |
| O. Miscellaneous .. .. | 94,617 | 1,124 | 95,741 | 1,01,603 | 92,023 |
| Unforeseen works .. .. | .. | .. | .. | .. | .. |
| Total .. | 22,09,105 | 2,50,026 | 24,59,131 | 32,62,609 | 21,98,386 |
| (4) *Drainage and Protective Works*— | | | | | |
| A. Preliminary expenses .. | 774 | .. | 774 | 774 | 774 |
| B. Land .. .. .. | 1,93,584 | 35,006 | 2,28,590 | 2,26,923 | 1,93,288 |
| C. Works .. .. .. | 4,89,295 | 1,435 | 4,90,730 | 5,26,345 | 4,89,295 |
| K. Buildings .. .. | 1,801 | .. | 1,801 | 1,801 | 1,801 |
| L. Earthwork .. .. | 24,05,240 | 10,151 | 24,15,391 | 25,52,598 | 23,86,988 |
| O. Miscellaneous .. .. | 77,618 | 40 | 77,658 | 78,851 | 77,481 |
| P. Maintenance .. .. | 2,985 | .. | 2,985 | 2,985 | 2,985 |
| G. Bridges .. .. | .. | .. | .. | 2,200 | .. |
| D. Regulators .. .. | .. | .. | .. | 3,500 | .. |
| Unforeseen works .. .. | .. | .. | .. | 95 | .. |
| Total .. | 31,71,297 | 46,632 | 32,17,929 | 33,96,072 | 31,52,612 |
| (5) *Water courses*— | | | | | |
| B. Land .. .. .. | 421 | 1,527 | 1,948 | 1,33,100 | .. |
| C. Works .. .. .. | .. | .. | .. | 23,400 | .. |
| L. Earthwork .. .. | .. | .. | .. | 56,750 | .. |
| O. Miscellaneous .. .. | .. | .. | .. | 550 | .. |
| **Total** .. | **421** | **1,527** | **1,948** | **2,13,800** | .. |

## KISTNA DELTA SYSTEM—*Canal Project*—cont.

### No. 2.—Capital Account for and to end of 1934–1935—*cont.*

| Heads of account. | Direct Charges. Previous. | 1934–1935. | Total. | Cost of construction as now estimated (construction estimate closed on 31st March 1898). | Expenditure against closed estimate. |
|---|---|---|---|---|---|
| | RS. | RS. | RS. | RS. | RS. |
| I. WORKS—*cont.* | | | | | |
| (6) *Special tools and plant* .. | .. | .. | .. | .. | .. |
| Provision for unforeseen works. | .. | .. | .. | .. | .. |
| Total .. | 1,12,96,850 | 8,15,816 | 1,21,12,666 | 1,46,09,247 | 1,11,52,534 |
| Old outlay .. .. .. | 30,81,755 | .. | 30,81,755 | 30,81,755 | 30,81,755 |
| Total, Works .. | 1,43,78,605 | 8,15,816 | 1,51,94,421 | 1,76,91,002 | 1,42,34,289 |
| II. ESTABLISHMENT— | | | | | |
| Non-voted— | | | | | |
| Pay of officers .. .. | 10,423 | 11,210 | 21,633 | .. | .. |
| Passage pay .. .. | .. | .. | .. | .. | .. |
| Travelling allowance .. | 1,520 | 1,293 | 2,813 | .. | .. |
| Voted— | | | | | |
| Pay of officers .. | 12,799 | 18,587 | 31,386 | .. | .. |
| Pay of establishment .. | 19,530 | 35,020 | 54,550 | .. | .. |
| Travelling allowance and fixed travelling allowance .. .. | 5,381 | 12,135 | 18,779 | .. | .. |
| Contingencies .. .. | 1,263 | | | | |
| Total, Establishment .. | 50,916 | 78,245 | 1,29,161 | .. | .. |
| English cost of establishment— | | | | | |
| Par-value .. .. .. | .. | .. | .. | .. | .. |
| Loss by exchange .. .. | .. | .. | .. | .. | .. |
| *Add*—Pensionary charges on special establishment .. | 4,201 | 8,559 | 12,760 | .. | .. |
| *Add*—Supervision charges on special establishment .. | 2,546 | 15,567 | 18,113 | .. | .. |
| *Add*—Amount debited by Transferred establishment .. | 34,15,974 | 13,741 | 34,29,715 | .. | .. |
| Grand total, Establishment .. | 34,73,637 | 1,16,112 | 35,89,749 | 37,94,409 | 34,08,716 |
| III. TOOLS AND PLANT— | | | | | |
| New supplies— | | | | | |
| Scientific instruments and drawing materials .. .. .. | 4,750 | 903 | 5,653 | .. | .. |
| Plant and machinery .. | .. | .. | .. | .. | .. |
| Tools .. .. .. | .. | 263 | 263 | .. | .. |
| Office furniture .. | 2,832 | 1,213 | 4,045 | .. | .. |
| Repairs and carriage .. | 427 | 527 | 954 | .. | .. |
| Total, Tools and Plant .. | 8,009 | 2,906 | 10,915 | .. | .. |
| *Add*—Amount debited by transferred .. .. .. | 7,17,506 | 145 | 7,17,651 | .. | .. |
| Net total, Tools and plant .. | 7,25,515 | 3,051 | 7,28,566 | 7,86,604 | 7,17,470 |
| IV. SUSPENSE .. .. .. | 90 | — 655 | — 565 | .. | .. |
| V. *Less*—RECEIPTS ON CAPITAL ACCOUNT .. .. .. | 23,301 | 466 | 23,767 | 23,767 | 23,767 |
| Net total, Outlay in India and England .. .. .. | 1,85,54,546 | 9,33,858 | 1,94,88,404 | 2,22,48,248 | 1,83,36,708 |
| *Add*—Loss by exchange .. | .. | .. | .. | .. | .. |
| *Deduct*—Establishment charges incurred in England .. | .. | .. | .. | .. | .. |
| Net outlay in India .. | 1,85,54,546 | 9,33,858 | 1,94,88,404 | 2,22,48,248 | 1,83,36,708 |
| Chargeable to 55 and 16-A. Irrigation works—Productive. | 29,58,763 | 9,33,858 | 38,92,621 | .. | .. |
| Chargeable to 49. Irrigation .. | 1,55,95,783 | .. | 1,55,95,783 | .. | .. |
| Total .. | 1,85,54,546 | 9,33,858 | 1,94,88,404 | .. | .. |



## KISTNA DELTA SYSTEM—*Canal Project*—cont.

### No. 3.—Revenue Account for and to end of 1934–1935.

| Receipts. | Total. Previous. | 1934–1935. | Total. |
|---|---|---|---|
| | RS. | RS. | RS. |
| DIRECT RECEIPTS— | | | |
| 3. Sales of water .. | 44,034 | 3,284 | 47,318 |
| 4. Water-supply of towns .. | 84,276 | 1,506 | 85,782 |
| 5. Receipts from plantations | 4,20,491 | 3,913 | 4,24,409 |
| 6. Receipts from other canal produce .. .. .. | 12,86,867 | 36,940 | 13,23,807 |
| 7. Water power .. .. | 1,281 | .. | 1,281 |
| 8. Navigation receipts .. | 31,52,690 | 1,03,287 | 32,55,977 |
| 9. Rents of buildings .. | 1,00,842 | 4,675 | 1,05,517 |
| 10. Fines .. .. .. | 931 | .. | 931 |
| 11. Miscellaneous .. .. | 1,43,130 | 2,616 | 1,45,746 |
| Recoveries of expenditure. | 9,834 | 1,275 | 10,909 |
| *Deduct*—Refunds .. .. | 9,334 | 1,770 | 11,104 |
| Total Revenue realized in Public Works Department .. | 52,34,842 | 1,55,731 | 53,90,573 |
| Irrigation Revenue realized in Civil Department .. .. | 15,71,96,066 | 43,57,274 | 16,15,53,340 |
| Total, Direct Receipts. | 16,24,30,908 | 45,13,005 | 16,69,43,913 |
| II. INDIRECT REVENUE— Share of land revenue collected in the Civil Department .. | 99,55,917 | 1,88,653 | 1,01,44,570 |
| Total, Public Works and Civil Departments—Revenue .. | 17,23,86,825 | 47,01,658 | 17,70,88,483 |
| Total, Receipts .. | 17,23,86,825 | 47,01,658 | 17,70,88,483 |

| Charges. | Total. Previous. | 1934–1935. | Total. |
|---|---|---|---|
| | RS. | RS. | RS. |
| I. EXTENSIONS AND IMPROVEMENTS— | | | |
| (1) Head works .. .. | 1,58,247 | 2,438 | 1,60,685 |
| (2) Main canals and branches .. | 7,29,614 | 13,299 | 7,42,913 |
| (3) Distributaries .. .. | 6,90,297 | 18,555 | 7,08,852 |
| (4) Drainage and protective works .. | 3,62,111 | 9,167 | 3,71,278 |
| (5) Special tools and plant .. .. | 19,664 | .. | 19,664 |
| Total .. | 19,59,933 | 43,459 | 20,03,392 |
| II. MAINTENANCE AND REPAIRS— | | | |
| (1) Head works .. .. | 16,63,719 | 42,053 | 17,05,772 |
| (2) Main canals and branches .. | 99,00,388 | 3,31,676 | 1,02,32,064 |
| (3) Distributaries .. .. | 48,97,553 | 1,12,150 | 50,09,703 |
| (4) Drainage and protective works .. | 16,35,905 | 62,684 | 16,98,589 |
| (5) Special tools and plant .. .. | 2,30,755 | .. | 2,30,755 |
| *Add*—Unclassifiable outlay .. .. | 9,10,934 | .. | 9,10,934 |
| Total .. | 1,92,39,254 | 5,48,563 | 1,97,87,817 |
| Total, Extensions and Improvements and Maintenance and Repairs .. | 2,11,99,187 | 5,92,022 | 2,17,91,209 |
| IV. ESTABLISHMENT .. .. .. | 1,25,45,174 | 3,17,678 | 1,28,62,852 |
| V. TOOLS AND PLANT .. .. .. | 19,38,540 | 2,299 | 19,40,839 |
| VI. REFUNDS OF REVENUE .. .. | 25,907 | .. | 25,907 |
| *Deduct*—Recoveries on Revenue Account .. | 4,984 | .. | 4,984 |
| Total, Direct Charges .. | 3,57,03,824 | 9,11,999 | 3,66,15,823 |
| Share of collection charges in the Civil Department .. .. .. | 86,80,586 | 2,23,727 | 89,04,313 |
| Indirect charges .. .. .. | 16,20,267 | 6,959 | 16,26,226 |
| Total, Direct and Indirect Charges .. | 4,60,04,677 | 11,41,685 | 4,71,46,362 |
| Balance, net revenue .. .. | 12,63,82,148 | 35,59,973 | 12,99,42,121 |
| Grand Total .. | 17,23,86,825 | 47,01,658 | 17,70,88,483 |

## KISTNA DELTA SYSTEM—*Canal Project*—cont.

### No. 4.—Interest Account for and to end of 1934–1935.

| | Amount. | | Amount. |
|---|---|---|---|
| | RS. | | RS. |
| Total interest charges to end of 1933–1934 .. .. .. | 2,95,03,137 | Net revenue realized to end of 1933–1934 .. .. .. | 12,63,82,148 |
| * Total interest charges for the year 1934–1935 .. .. | 7,00,085 | Net revenue realized during 1934–1935 .. .. .. | 35,59,973 |
| Balance, net revenue .. .. | 9,97,38,899 | | |
| Total .. | 12,99,42,121 | Total .. | 12,99,42,121 |
| * Interest at 3·3252 per cent on the outlay to end of 1916–1917. | 5,07,291 | | |
| Interest at 5·12 per cent on the outlay of Rs. 37,65,507 from 1917–1918 to end of 1933–1934 plus half the outlay during 1934–1935. | 1,92,794 | | |
| Total .. | 7,00,085 | | |

### No. 5.—Account of Indirect Charges for and to end of 1934–35.

| Particulars. | Previous. | 1934–1935. | Total. |
|---|---|---|---|
| | RS. | RS. | RS. |
| CAPITAL— | | | |
| Capitalization of abatement of land revenue .. | 6,20,181 | 2,904 | 6,23,085 |
| Leave and pension allowances .. .. .. | 5,03,855 | .. | 5,03,855 |
| Audit and Accounts .. .. .. .. .. | 22,129 | 8,158 | 30,287 |
| Total .. | 11,46,165 | 11,062 | 11,57,227 |
| REVENUE— | | | |
| Capitalization of abatement of land revenue .. | 28,464 | 39 | 28,503 |
| Leave and pension allowances .. .. .. | 15,11,522 | .. | 15,11,522 |
| Audit and Accounts .. .. .. .. .. | 80,281 | 5,920 | 86,201 |
| Total .. | 16,20,267 | 5,959 | 16,26,226 |
| Grand Total .. | 27,66,432 | 17,021 | 27,83,453 |



## KISTNA DELTA SYSTEM—*Canal Project*—cont.

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

| Particulars. | CHARGES AGAINST CLOSED SANCTIONS. Expenditure against construction estimate. | Expenditure against open canal sanctions. | Total. | CURRENT SANCTIONS. Charges to date. | Amount of sanctioned estimate. | Unspent balance of estimate. | Total charges to date against old and current sanctions. | REMARKS. G.O. No. and date. | Amount of estimate. |
|---|---|---|---|---|---|---|---|---|---|
| | RS. | RS. | RS. | RS. | RS. | RS. | RS. | | RS. |
| *Direct Charges.* | | | | | | | | | |
| Works .. .. | 94,90,888 | 47,43,461 | 1,42,34,289 | 9,60,132 | 34,56,713 | 24,95,581 | 1,51,94,421 | Divisional Register No. 1 of July 1929 (Kistna Western) | 1,800 |
| Establishment .. .. | 22,14,258 | 11,94,458 | 34,08,716 | 1,81,033 | 3,55,603 | 2,04,660 | 35,89,749 | Divisional Register No. 2 of June 1930 (Kistna Western) | 1,430 |
| Tools and plant .. .. | 6,60,944 | 56,526 | 7,17,470 | 11,096 | 69,134 | 58,038 | 7,28,566 | Divisional Register No. 4 of February 1931 (Kistna Western) | 1,100 |
| Suspense account .. .. | .. | .. | .. | — 565 | .. | 565 | — 565 | Circle Register No. 1 of January 1933 (Kistna Western) | 10,380 |
| Total .. | 1,23,66,090 | 59,94,385 | 1,83,60,475 | 11,51,696 | 39,11,540 | 27,59,844 | 1,95,12,171 | Circle Register No. 2 of February 1933 (Kistna Western) | 22,570 |
| *Less*—Receipts on Capital Account .. | 15,400 | 8,367 | 23,767 | .. | .. | .. | 23,767 | Divisional Register No. 1 of November 1932 (Kistna Eastern) | 3,830 |
| Net Total .. | 1,23,50,690 | 59,86,018 | 1,83,36,708 | 11,51,696 | 39,11,540 | 27,59,844 | 1,94,88,404 | G.O. No. 1261 L., 8th June 1933 .. .. | 4,28,690 |
| *Indirect Charges.* | | | | | | | | Do. | 28,49,320 |
| Capitalized abatement of land revenue .. | 4,53,037 | 1,70,048 | 6,23,085 | .. | 6,279 | 6,279 | 6,23,085 | Divisional Register No. 1 of 1933–34 (Kistna Western) .. | 3,155 |
| Leave and pension allowances .. .. | 3,87,938 | 1,15,917 | 5,03,855 | .. | .. | .. | 5,03,855 | Divisional Register No. 2 of 1933–34 (Kistna Western) .. | 4,800 |
| Audit and Accounts .. .. | .. | 20,685 | 20,685 | 9,602 | 34,568 | 24,966 | 30,287 | Divisional Register No. 3 of 1933–34 (Kistna Western) .. | 7,770 |
| Total .. | 8,40,975 | 3,06,650 | 11,47,625 | 9,602 | 40,847 | 31,245 | 11,57,227 | Circle Register No. 1 of April 1934 (Kistna Western) .. | 18,261 |
| Grand Total .. | 1,31,91,665 | 62,92,668 | 1,94,84,333 | 11,61,298 | 39,52,387 | 27,91,089 | 2,06,45,631 | Circle Register No. 2 of April 1934 (Kistna Western) .. | 54,071 |
| | | | | | | | | Circle Register No. 3 of April 1934 (Kistna Western) .. | 47,286 |
| | | | | | | | | Divisional Register No. 1 of May 1934 (Kistna Western) .. | 2,250 |
| | | | | | | | | Total | 34,56,713 |

## NANDIYAR CHANNEL SYSTEM—*Canal Project.*

### No. 2.—Capital Account for and to end of 1934–1935.

| Heads of account. | Direct Charges. Previous. | Direct Charges. 1934–1935. | Direct Charges. Total. | Cost of construction as now estimated (construction estimate closed in 1899). | Expenditure against closed estimate. |
|---|---|---|---|---|---|
| | RS. | | RS. | RS. | RS. |
| I. WORKS— | | | | | |
| (2) *Main Canals and Branches*— | | | | | |
| B. Land .. .. | .. | .. | .. | .. | .. |
| D. Regulators .. | 3,003 | .. | 3,003 | 3,003 | 3,003 |
| E. Falls and weirs .. | 6,056 | .. | 6,056 | 6,056 | 6,056 |
| F. (1) Other cross drainage works .. | 20,155 | .. | 20,155 | 20,155 | 20,155 |
| G. Bridges .. .. | 2,894 | .. | 2,894 | 2,894 | 2,894 |
| K. Buildings .. | 15,879 | .. | 15,879 | 15,879 | 15,879 |
| L. Earthwork .. | 2,067 | .. | 2,067 | 2,067 | 2,067 |
| N. Tanks and Reservoirs .. .. | 514 | .. | 514 | 514 | 514 |
| O. Miscellaneous .. | 908 | .. | 908 | 908 | 908 |
| Total .. | 51,476 | .. | 51,476 | 51,476 | 51,476 |
| Total, Works .. | 51,476 | .. | 51,476 | 51,476 | 51,476 |
| II. ESTABLISHMENT .. .. | 11,755 | .. | 11,755 | 11,755 | 11,755 |
| III TOOLS AND PLANT .. | .. | .. | .. | .. | .. |
| (*a*) Grand Total .. | 63,231 | .. | 63,231 | 63,231 | 63,231 |

(*a*) Chargeable to "43. Minor Works and Navigation—Provincial."



## NANDIYAR CHANNEL SYSTEM—*Canal Project*—cont.

### No. 3.—Revenue Accounts for and to end of 1934–1935.

| Receipts. | Total. Previous. | Total. 1934–1935. | Total. Total. |
|---|---|---|---|
| | RS. | RS. | RS. |
| I. DIRECT RECEIPTS— | | | |
| 5. Receipts from plantation. | 6,086 | 102 | 6,188 |
| 6. Receipts from other canal produce .. | 2,468 | 10 | 2,478 |
| 8. Navigation receipts .. | 1 | .. | 1 |
| 9. Rent of buildings .. | 59 | 7 | 66 |
| Recoveries of Expenditure— | 38 | .. | 38 |
| 11. Miscellaneous .. .. | 2,893 | .. | 2,893 |
| *Deduct*—Refunds .. | 149 | .. | 149 |
| Total Revenue realized in the Public Works Department .. | 11,396 | 119 | 11,515 |
| Irrigation revenue realized in the Civil Department .. .. | 2,01,992 | 13,592 | 2,15,584 |
| Total, Direct Receipts .. .. | 2,13,388 | 13,711 | 2,27,099 |
| II. INDIRECT RECEIPTS— | | | |
| Share of land revenue collected in the Civil Department .. | 2,252 | 243 | 2,495 |

| Charges. | Total. Previous. | Total. 1934–1935. | Total. Total. |
|---|---|---|---|
| | RS. | RS. | RS. |
| I. EXTENSIONS AND IMPROVEMENTS— | | | |
| (1) Head works .. .. | 7,339 | .. | 7,339 |
| (2) Main canals and branches .. | 8,468 | 3,289 | 11,757 |
| (3) Distributaries .. .. | 1,115 | .. | 1,115 |
| (4) Drainage and protective works .. | .. | .. | .. |
| (5) Special tools and plant .. .. | .. | .. | .. |
| Total .. | 16,922 | 3,289 | 20,211 |
| II. MAINTENANCE AND REPAIRS— | | | |
| (1) Head works .. .. | 15,146 | 520 | 15,666 |
| (2) Main canals and branches .. | 1,33,493 | 8,993 | 1,42,486 |
| (3) Distributaries .. .. | 7,122 | .. | 7,122 |
| (4) Drainage and protective works .. | 2,779 | 967 | 3,746 |
| (5) Special tools and plant .. .. | .. | .. | .. |
| *Add*—Unclassifiable outlay .. .. | .. | .. | .. |
| Total .. | 1,58,540 | 10,480 | 1,69,020 |
| Total, Extensions and Improvements and Maintenance and Repairs .. .. | 1,75,462 | 13,769 | 1,89,231 |
| IV. ESTABLISHMENT .. .. .. | 55,145 | 4,886 | 60,031 |
| V. TOOLS AND PLANT .. .. .. | 792 | 49 | 841 |
| VI. DEDUCT RECOVERIES ON REVENUE ACCOUNT .. .. .. .. | 8 | .. | 8 |
| Total, Direct Charges. | 2,31,391 | 18,704 | 2,50,095 |

## NANDIYAR CHANNEL SYSTEM—*Canal Project*—cont.

### No. 3.—Revenue Accounts for and to end of 1934–1935—*cont.*

| Receipts. | Total. Previous. | Total. 1934–1935. | Total. Total. |
|---|---|---|---|
| | RS. | RS. | RS. |
| Total, Public Works and Civil Departments, Revenue .. | 2,15,640 | 13,954 | 2,29,594 |
| Total Receipts .. | 2,15,640 | 13,954 | 2,29,594 |
| * *Deduct*— | | | |
| Extensions and Improvements .. | | | |
| Maintenance and Repairs .. | | | |
| Establishment .. .. | | | |
| Tools and plant .. .. | | | |
| Indirect .. .. | | | |

| Charges. | Total. Previous. | Total. 1934–1935. | Total. Total. |
|---|---|---|---|
| | RS. | RS. | RS. |
| Share of collection charges in the Civil Department .. .. .. | 10,192 | 683 | 10,875 |
| Indirect charges .. .. .. .. | 4,958 | 138 | 5,096 |
| Total, Direct and Indirect Charges. | 2,46,541 | 19,525 | 2,66,066 |
| * *Deduct*—Old maintenance charges saved to Government .. .. .. | 81,149 | 4,318 | 85,467 |
| Net Total .. | 1,65,392 | 15,207 | 1,80,599 |
| Balance, net revenue .. | 50,248 | — 1,253 | 48,995 |
| Grand Total .. | 2,15,640 | 13,954 | 2,29,594 |
| | RS. | | |
| * *Deduct*— | | | |
| Extensions and Improvements .. | 2,836 | | |
| Maintenance and Repairs .. | 371 | | |
| Establishment .. .. | 1,097 | | |
| Tools and plant .. .. | 12 | | |
| Total, Direct .. | 4,286 | | |
| Indirect .. .. | 32 | | |
| Total, Direct and Indirect .. | 4,318 | | |



## NANDIYAR CHANNEL SYSTEM—*Canal Project*—cont.

### No. 4.—Interest Account for and to end of 1934–1935.

| | Amount. | | Amount. |
|---|---|---|---|
| | RS. | | RS. |
| Total interest charges to end of 1933–1934 .. .. .. | 81,181 | Net revenue realized to end of 1933–1934 .. .. .. | 50,248 |
| * Total interest charges for the year 1934–1935 .. .. | 2,132 | Net revenue realized during 1934–1935 .. .. .. | — 1,253 |
| | | Balance, net interest charges .. | 34,318 |
| Total .. | 83,313 | Total .. | 83,313 |
| * Interest at 3·3252 per cent on the outlay to end of 1916–1917 | 2,050 | | |
| Interest at 5·12 per cent on the outlay of Rs. 1,590 from 1917–1918 to end of 1933–1934 plus half the outlay to end of 1934–1935 .. .. .. | 82 | | |
| Total .. | 2,132 | | |

### No. 5.—Account of Indirect Charges for and to end of 1934–1935.

| Particulars. | Previous. | 1934–1935. | Total. |
|---|---|---|---|
| | RS. | RS. | RS. |
| CAPITAL— | | | |
| Capitalization of abatement of land revenue .. | 838 | .. | 838 |
| Leave and pension allowances .. .. .. | 1,646 | .. | 1,646 |
| Audit and accounts .. .. .. .. .. | .. | .. | .. |
| Total .. | 2,484 | .. | 2,484 |
| REVENUE— | | | |
| Capitalization of abatement of land revenue .. | 142 | .. | 142 |
| Leave and pension allowances .. .. .. | 3,683 | .. | 3,683 |
| Audit and accounts .. .. .. .. .. | 1,133 | 138 | 1,271 |
| Total .. | 4,958 | 138 | 5,096 |
| Grand Total .. | 7,442 | 138 | 7,580 |

## NANDIYAR CHANNEL SYSTEM—*Canal Project*—cont.

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

| Particulars. | Charges against closed sanctions. | | | Current sanctions. | | | Total charges to date against old and current sanctions. | Remarks. | |
|---|---|---|---|---|---|---|---|---|---|
| | Expenditure against construction estimate. | Expenditure against open canal sanction. | Total. | Charges to date. | Amount of sanctioned estimate. | Unspent balance of estimate. | | G.O. No. and date. | Amount of estimate. |
| | RS. | RS. | RS. | RS. | RS. | RS. | RS. | | |
| *Direct Charges.* | | | | | | | | | |
| Works .. .. | 43,488 | 7,988 | 51,476 | .. | .. | .. | 51,476 | | |
| Establishment .. .. | 10,002 | 1,753 | 11,755 | .. | .. | .. | 11,755 | | |
| Tools and plant .. .. | .. | .. | .. | .. | .. | .. | .. | | |
| Suspense account .. .. | .. | .. | .. | .. | .. | .. | .. | | |
| Total .. | 53,490 | 9,741 | 63,231 | .. | .. | .. | 63,231 | | |
| *Less*—Receipts on Capital Account .. | .. | .. | .. | .. | .. | .. | .. | | |
| Net Total .. | 53,490 | 9,741 | 63,231 | .. | .. | .. | 63,231 | | |
| *Indirect Charges.* | | | | | | | | | |
| Capitalized abatement of land revenue .. | 818 | 20 | 838 | .. | .. | .. | 838 | | |
| Leave and pension allowances .. .. | 1,400 | 246 | 1,646 | .. | .. | .. | 1,646 | | |
| Total .. | 2,218 | 266 | 2,484 | .. | .. | .. | 2,484 | | |
| Grand Total .. | 55,708 | 10,007 | 65,715 | .. | .. | .. | 65,715 | | |



## GANJAM MINOR RIVERS SYSTEM—*Canal Project.*

### No. 2.—Capital Account for and to end of 1934–1935.

| Heads of account. | Direct Charges. | | | Cost of construction as now estimated (construction estimate closed on 31st March 1900). | Expenditure against closed estimate. |
|---|---|---|---|---|---|
| | Previous. | 1934–1935. | Total. | | |
| | RS. | RS. | RS. | RS. | RS. |
| WORKS— | | | | | |
| (1) *Head Works*— | | | | | |
| C. Works .. .. | 3,301 | .. | 3,301 | 3,301 | 3,301 |
| K. Buildings .. .. | .. | .. | .. | 4,400 | .. |
| Total .. | 3,301 | .. | 3,301 | 7,701 | 3,301 |
| (2) *Main Canals and Branches*— | | | | | |
| A. Preliminary expenses. | 7,382 | .. | 7,382 | 7,382 | 7,382 |
| B. Land .. .. | 35,912 | .. | 35,912 | 35,912 | 35,912 |
| D. Regulators .. .. | 8,218 | .. | 8,218 | 8,218 | 8,218 |
| E. Falls and weirs .. | 11,676 | .. | 11,676 | 11,676 | 11,676 |
| F. (1) Other cross drainage works .. .. | 2,121 | .. | 2,121 | 2,121 | 2,121 |
| G. Bridges .. .. | 16,392 | 606 | 16,998 | 16,998 | 16,998 |
| H. Escapes .. .. | .. | .. | .. | .. | .. |
| I. Navigation works .. | 1,712 | .. | 1,712 | 1,712 | 1,712 |
| K. Buildings .. .. | 27,201 | .. | 27,201 | 27,201 | 27,201 |
| L. Earthwork .. .. | .. | .. | .. | .. | .. |
| M. Plantations .. | 6,111 | .. | 6,111 | 6,111 | 6,111 |
| N. Tanks and reservoirs. | 2,221 | .. | 2,221 | 2,221 | 2,221 |
| O. Miscellaneous .. | .. | .. | .. | .. | .. |
| P. Maintenance .. | .. | .. | .. | .. | .. |
| Total .. | 1,18,946 | 606 | 1,19,552 | 1,19,552 | 1,19,552 |
| (3) *Distributaries*— | | | | | |
| A. Preliminary expenses. | .. | .. | .. | .. | .. |
| B. Land .. .. | 2,889 | .. | 2,889 | 2,889 | 2,889 |
| C. Works .. .. | 54,440 | .. | 54,440 | 54,440 | 54,440 |
| L. Earthwork .. .. | 11,610 | .. | 11,610 | 11,610 | 11,610 |
| O. Miscellaneous .. | 404 | .. | 404 | 404 | 404 |
| Total .. | 69,343 | .. | 69,343 | 69,343 | 69,343 |
| (4) *Drainage and Protective Works*— | | | | | |
| B. Land .. .. | 7,646 | .. | 7,646 | 7,646 | 7,646 |
| C. Works .. .. | 3,584 | .. | 3,584 | 3,584 | 3,584 |
| L. Earthwork .. .. | 16,097 | .. | 16,097 | 16,097 | 16,097 |
| O. Miscellaneous .. | 210 | .. | 210 | 210 | 210 |
| Total .. | 27,537 | .. | 27,537 | 27,537 | 27,537 |
| (6) *Special tools and plant* .. | .. | .. | .. | .. | .. |
| *Add*—Unclassifiable outlay .. | 7,929 | .. | 7,929 | 7,929 | 7,929 |
| Total, Works .. | 2,27,056 | 606 | 2,27,662 | 2,32,062 | 2,27,662 |
| I. ESTABLISHMENT .. .. | 49,756 | 351 | 50,107 | 51,262 | 50,107 |
| III. TOOLS AND PLANT .. | 422 | 5 | 427 | 515 | 427 |
| Grand Total .. | 2,77,234 | 962 | 2,78,196 | 2,83,839 | 2,78,196 |

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

No. 2.—Capital Account for and to end of 1934–1935—*cont.*

| Heads of account. | Direct Charges. Previous. | 1934–1935. | Total. | Cost of construction as now estimated (construction estimate closed on 31st March 1900). | Expenditure against closed estimate. |
|---|---|---|---|---|---|
| | RS. | RS. | RS. | RS. | RS. |
| V. *Less*—RECEIPTS ON CAPITAL ACCOUNT .. .. .. | .. | .. | .. | .. | .. |
| Net Total .. | 2,77,234 | 962 | 2,78,196 | 2,83,839 | 2,78,196 |
| Chargeable to 43. Minor Works and Navigation—Provincial .. | 2,60,706 | .. | 2,60,706 | .. | .. |
| Chargeable to 55 and 16-A. Irrigation Works—Productive .. .. .. .. | 14,723 | 962 | 15,685 | .. | .. |
| Chargeable to 16-A. Irrigation Works (2) Unproductive .. | 1,805 | .. | 1,805 | .. | .. |
| Total .. | 2,77,234 | 962 | 2,78,196 | .. | .. |



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

No. 3.—Revenue Account for and to end of 1934–1935.

| Receipts. | Previous. | Total. 1934–1935. | Total. |
|---|---|---|---|
| | RS. | RS. | RS. |
| I. DIRECT RECEIPTS— | | | |
| 1. Water-rates from irrigation. | 62 | .. | 62 |
| 2. Owner's rates .. .. | 139 | .. | 139 |
| 3. Receipts from sale of water. | 734 | .. | 734 |
| 5. Receipts from plantations. | 1,488 | .. | 1,488 |
| 6. Receipts from other canal produce .. .. .. | 6,600 | 2 | 6,602 |
| 11. Miscellaneous .. .. .. | 1,196 | .. | 1,196 |
| Total Revenue realized in Public Works Department .. .. | 10,219 | 2 | 10,221 |
| Irrigation Revenue realized in Civil Department .. .. | 24,63,858 | 54,853 | 25,18,711 |
| Total, Direct Receipts .. .. | 24,74,077 | 54,855 | 25,28,932 |
| II. INDIRECT RECEIPTS— | | | |
| Share of Land Revenue collected in the Civil Department .. | 4,86,059 | 7,874 | 4,93,932 |
| Total, Public Works and Civil Departments, Revenue .. | 29,60,136 | 62,729 | 30,22,865 |
| Total, Receipts .. | 29,60,136 | 62,729 | 30,22,865 |

| Charges. | Total. Previous. | 1934–1935. | Total. |
|---|---|---|---|
| | RS. | RS. | RS. |
| I. EXTENSIONS AND IMPROVEMENTS— | | | |
| (1) Head works .. .. | 2,684 | .. | 2,684 |
| (2) Main canals and branches .. | 47,129 | 1,910 | 49,039 |
| (3) Distributaries .. .. | 82,361 | 298 | 82,659 |
| (4) Drainage and protective works .. | .. | .. | .. |
| (5) Special tools and plant .. .. | 5,713 | .. | 5,713 |
| Total .. | 1,37,887 | 2,208 | 1,40,095 |
| II. MAINTENANCE AND REPAIRS— | | | |
| (1) Head works .. .. | 12,919 | 192 | 13,111 |
| (2) Main canals and branches .. | 7,94,629 | 32,233 | 8,26,862 |
| (3) Distributaries .. .. | 3,41,733 | 3,526 | 3,45,259 |
| (4) Drainage and protective works .. | 4,817 | .. | 4,817 |
| (5) Special tools and plant .. .. | .. | .. | .. |
| *Add*—Unclassifiable outlay .. | 2,985 | .. | 2,985 |
| Total .. | 11,57,083 | 35,951 | 11,93,034 |
| Total, Extensions and Improvements and Maintenance and Repairs .. .. | 12,94,970 | 38,159 | 13,33,129 |
| IV. ESTABLISHMENT .. .. .. | 4,09,093 | 24,142 | 4,33,235 |
| V. TOOLS AND PLANT .. .. .. | 10,613 | 327 | 10,940 |
| VI. REFUNDS OF REVENUE .. .. | 5 | .. | 5 |
| *Deduct*—Recoveries on Revenue account. | 275 | .. | 275 |
| Total, Direct Charges | 17,14,406 | 62,628 | 17,77,034 |
| Share of collection charges in the Civil Department .. .. .. | 1,47,479 | 3,133 | 1,50,612 |
| Indirect charges .. .. .. | 52,563 | 382 | 52,945 |
| Total, Direct and Indirect Charges. | 19,14,448 | 66,143 | 19,80,591 |

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

No. 3.—Revenue Account for and to end of 1934–1935—*cont.*

| Charges. | Total. Previous. RS. | Total. 1934–1935. RS. | Total. Total. RS. |
|---|---|---|---|
| * *Deduct*—Old maintenance charges saved to Government .. .. .. | 1,21,409 | 7,441 | 1,28,850 |
| Balance, Net revenue .. .. .. Net Total .. | 17,93,039 | 58,702 | 18,51,741 |
| | 11,67,097 | 4,027 | 11,71,124 |
| Grand Total .. | 29,60,136 | 62,729 | 30,22,865 |
| | RS. | | |
| * *Direct*— | | | |
| Extensions and improvements .. .. .. | 1,529 | | |
| Maintenance and repairs .. .. .. | 3,126 | | |
| Establishment .. .. .. | 2,700 | | |
| Tools and plant .. .. .. | 40 | | |
| Total, Direct .. | 7,395 | | |
| Indirect .. .. .. | 46 | | |
| Total, Direct and Indirect .. | 7,441 | | |



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

No. 4.—Interest Account for and to end of 1934–1935.

| | Amount. RS. | | Amount. RS. |
|---|---|---|---|
| Total interest charges to end of 1933–1934 .. .. .. | 3,26,846 | Net revenue realized to end of 1933–1934 .. .. .. .. | 11,67,097 |
| Total interest charges for the year 1934–1935 .. .. | 9,585 * | Net revenue realized during 1934–1935 .. .. .. .. | 4,027 |
| Balance, net revenue .. .. | 8,34,693 | | |
| Total .. | 11,71,124 | Total .. | 11,71,124 |

| | RS. |
|---|---|
| * Interest at 3·3252 per cent on the outlay to end of 1916–1917. | 8,585 |
| Interest at 5·12 per cent on the outlay of Rs. 19,534 from 1917–1918 to end of 1933–1934 plus half the outlay during 1934–1935. | 1,000 |
| | 9,585 |

No. 5.—Account of Indirect Charges for and to end of 1934–1935.

| Particulars. | Previous. RS. | 1934–1935. RS. | Total. RS. |
|---|---|---|---|
| CAPITAL— | | | |
| Capitalization of abatement of land revenue .. | 4,084 | .. | 4,084 |
| Leave and pension allowances .. .. .. | 6,830 | .. | 6,830 |
| Audit and accounts .. .. .. .. .. | 110 | 6 | 116 |
| Total .. | 11,024 | 6 | 11,030 |
| REVENUE— | | | |
| Capitalization of abatement of land revenue .. | 9,367 | .. | 9,367 |
| Leave and pension allowances .. .. .. | 37,017 | .. | 37,017 |
| Audit and accounts .. .. .. .. .. | 6,179 | 382 | 6,561 |
| Total .. | 52,563 | 382 | 52,945 |
| Grand Total .. | 63,587 | 388 | 63,975 |

## GANJAM MINOR RIVERS SYSTEM—*Canal Project*—cont.

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

| Particulars. | Charges against closed sanctions. | | | Current sanctions. | | | Total charges to date against old and current sanctions. | Remarks. | |
|---|---|---|---|---|---|---|---|---|---|
| | Expenditure against construction estimate. | Expenditure against open canal sanction. | Total. | Charges to date. | Amount of sanctioned estimate. | Unspent balance of estimate. | | G.O. No. and date. | Amount of estimate. |
| | RS. | RS. | RS. | RS. | RS. | RS. | RS. | | RS. |
| *Direct Charges.* | | | | | | | | | |
| Works .. .. | 1,02,797 | 1,24,865 | 2,27,662 | .. | 4,400 | — 4,400 | 2,27,662 | D.R. 1 of May 1931 .. | 4,400 |
| Establishment .. | 23,382 | 26,725 | 50,107 | .. | 1,155 | — 1,155 | 50,107 | | |
| Tools and plant .. | .. | 427 | 427 | .. | 88 | — 88 | 427 | | |
| Suspense account .. | .. | .. | .. | .. | .. | .. | .. | | |
| Total .. | 1,26,179 | 1,52,017 | 2,78,196 | .. | 5,643 | — 5,643 | 2,78,196 | | 4,400 |
| *Less*—Receipts on Capital Account. | .. | .. | .. | .. | .. | .. | .. | | |
| Net Total .. | 1,26,179 | 1,52,017 | 2,78,196 | .. | 5,643 | — 5,643 | 2,78,196 | | |
| *Indirect Charges.* | | | | | | | | | |
| Capitalized abatement of land revenue .. | .. | 4,084 | 4,084 | .. | .. | .. | 4,084 | | |
| Leave and pension allowances .. .. | 3,274 | 3,556 | 6,830 | .. | .. | .. | 6,830 | | |
| Audit and accounts .. | .. | 116 | 116 | .. | 44 | — 44 | 116 | | |
| Total .. | 3,274 | 7,756 | 11,030 | .. | 44 | — 44 | 11,030 | | |
| Grand Total .. | 1,29,453 | 1,59,773 | 2,89,226 | .. | 5,687 | — 5,687 | 2,89,226 | | |



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

### No. 2.—Capital Account for and to end of 1934–1935.

| Heads of account. | Direct Charges. Previous. | 1934–1935. | Total. | Cost of construction as now estimated (construction estimate closed on 30th June 1903). | Expenditure against closed estimate. |
|---|---|---|---|---|---|
| | RS. | | RS. | RS. | RS. |
| I. WORKS— | | | | | |
| (1) Head Works— | | | | | |
| B. Land .. .. .. | 16,923 | .. | 16,923 | 16,923 | 16,923 |
| C. Works .. .. .. | 14,72,164 | .. | 14,72,164 | 14,72,164 | 14,72,164 |
| K. Buildings .. .. | 13,298 | .. | 13,298 | 13,298 | 13,298 |
| L. Earthwork .. .. | 30,079 | .. | 30,079 | 30,079 | 30,079 |
| O. Miscellaneous .. | 5,527 | .. | 5,527 | 5,527 | 5,527 |
| Total .. | 15,37,991 | .. | 15,37,991 | 15,37,991 | 15,37,991 |
| (2) Main Canals and Branches— | | | | | |
| A. Preliminary expenses. | 3,089 | .. | 3,089 | 3,089 | 3,089 |
| B. Land .. .. .. | 49,831 | .. | 49,831 | 49,831 | 49,831 |
| C. Works .. .. .. | 2,144 | .. | 2,144 | 2,144 | 2,144 |
| D. Regulators .. .. | 1,63,616 | .. | 1,63,616 | 1,63,616 | 1,63,616 |
| E. Falls and weirs .. | 13,410 | .. | 13,410 | 13,410 | 13,410 |
| F. (1) Other cross drainage works. | 21,606 | .. | 21,606 | 21,606 | 21,606 |
| G. Bridges .. .. | 12,363 | .. | 12,363 | 12,363 | 12,363 |
| K. Buildings .. .. | 2,218 | .. | 2,218 | 2,218 | 2,218 |
| L. Earthwork .. .. | 4,03,653 | .. | 4,03,653 | 4,03,653 | 4,03,653 |
| N. Tank and reservoirs. | 4,515 | .. | 4,515 | 4,515 | 4,515 |
| O. Miscellaneous .. | 7,545 | .. | 7,545 | 7,545 | 7,545 |
| Total .. | 6,83,990 | .. | 6,83,990 | 6,83,990 | 6,83,990 |
| (3) Distributaries— | | | | | |
| B. Land .. .. .. | 5,008 | .. | 5,008 | 5,008 | 5,008 |
| C. Works .. .. .. | 25,575 | .. | 25,575 | 25,575 | 25,575 |
| L. Earthwork .. .. | 1,012 | .. | 1,012 | 1,012 | 1,012 |
| Total .. | 31,595 | .. | 31,595 | 31,595 | 31,595 |
| (4) Drainage and Protective Works— | | | | | |
| B. Land .. .. .. | 37,013 | .. | 37,013 | 37,013 | 37,013 |
| C. Works .. .. .. | 58,443 | .. | 58,443 | 58,443 | 58,443 |
| L. Earthwork .. .. | 76,522 | .. | 76,522 | 76,522 | 76,522 |
| O. Miscellaneous .. | 1,329 | .. | 1,329 | 1,329 | 1,329 |
| Total .. | 1,73,307 | .. | 1,73,307 | 1,73,307 | 1,73,307 |
| (6) Special Tools and Plant— | 30,369 | .. | 30,369 | 30,369 | 30,369 |
| Provision for unforeseen works .. .. .. | .. | .. | .. | .. | .. |
| Total, Works .. | 24,57,252 | .. | 24,57,252 | 24,57,252 | 24,57,252 |
| II. ESTABLISHMENT .. .. | 4,42,566 | .. | 4,42,566 | 4,42,566 | 4,42,566 |
| III. TOOLS AND PLANT .. .. | 16,780 | .. | 16,780 | 16,780 | 16,780 |
| Grand Total .. | 29,16,598 | .. | 29,16,598 | 29,16,598 | 29,16,598 |
| *Less*—RECEIPTS ON CAPITAL ACCOUNT .. .. .. | 3,175 | .. | 3,175 | 3,175 | 3,175 |
| Net Total .. | 29,13,423 | .. | 29,13,423 | 29,13,423 | 29,13,423 |
| *Apportionment*— | | | | | |
| Chargeable to 49. Irrigation.. | 3,81,952 | .. | 3,81,952 | .. | .. |
| Chargeable to 43. Irrigation—Provincial .. .. .. | 14,89,605 | .. | 14,89,605 | .. | .. |
| Chargeable to 55-A. Irrigation—Productive .. .. | 10,41,866 | .. | 10,41,866 | .. | .. |
| Total .. | 29,13,423 | .. | 29,13,423 | .. | .. |

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

### No. 3.—Revenue Account for and to end of 1934–1935.

| Receipts. | Total. Previous. | 1934–1935. | Total. |
|---|---|---|---|
| | RS. | RS. | RS. |
| I. DIRECT RECEIPTS— | | | |
| 2. Owners' rates .. .. | 123 | .. | 123 |
| 3. Sales of water .. .. | 1,412 | 250 | 1,662 |
| 4. Water-supply of town .. | 2,214 | 439 | 2,653 |
| 5. Receipts from plantations. | 71,138 | 1,173 | 72,311 |
| 6. Receipts from other canal produce .. .. | 48,266 | 897 | 49,163 |
| 8. Navigation receipts .. | 103 | 25 | 128 |
| 9. Rents of buildings .. | 7,122 | 390 | 7,512 |
| 11. Miscellaneous .. .. | 28,168 | 608 | 8,776 |
| Recoveries of expenditure .. | 1,125 | 346 | 1,471 |
| *Deduct*—Refunds .. .. | 1,711 | 613 | 2,324 |
| Total, Revenue realized in Public Works Department .. .. | 1,57,960 | 3,515 | 1,61,475 |
| Irrigation revenue realized in Civil Department .. .. .. | 1,88,94,239 | 4,26,241 | 1,93,20,480 |
| Total, Direct Receipts .. .. | 1,90,52,199 | 4,29,756 | 1,94,81,955 |
| II. INDIRECT RECEIPTS— | | | |
| Share of land revenue collected in the Civil Department .. .. .. | 41,45,308 | 51,515 | 41,96,823 |
| Total, Public Works and Civil Departments, Revenue .. | 2,31,97,507 | 4,81,271 | 2,36,78,778 |
| Total, Receipts .. | 2,31,97,507 | 4,81,271 | 2,36,78,778 |

| Charges. | Total. Previous. | 1934–1935. | Total. |
|---|---|---|---|
| | RS. | RS. | RS. |
| I. EXTENSIONS AND IMPROVEMENTS— | | | |
| (1) Head works .. .. .. | 1,72,608 | 12,156 | 1,84,764 |
| (2) Main canals and branches .. | 7,69,276 | 3,116 | 7,72,392 |
| (3) Distributaries .. .. .. | 63,689 | 1,530 | 65,219 |
| (4) Drainage and protective works .. | 6,124 | 616 | 6,740 |
| (5) Special tools and plant .. .. | — 1,800 | .. | — 1,800 |
| *Add*—Unclassifiable outlay .. .. | 24,873 | .. | 24,873 |
| Total .. | 10,34,770 | 17,418 | 10,52,188 |
| II. MAINTENANCE AND REPAIRS— | | | |
| (1) Head works .. .. .. | 2,31,342 | 7,280 | 2,38,622 |
| (2) Main canals and branches .. | 20,69,977 | 91,497 | 21,61,474 |
| (3) Distributaries .. .. .. | 3,61,002 | 2,819 | 3,63,821 |
| (4) Drainage and protective works .. | 44,914 | 370 | 45,284 |
| (5) Special tools and plant .. .. | .. | .. | .. |
| *Add*—Unclassifiable outlay .. .. | 4,82,053 | .. | 4,82,053 |
| Total .. | 31,89,288 | 1,01,966 | 32,91,254 |
| Total, Extensions and Improvements and Maintenance and Repairs .. .. | 42,24,058 | 1,19,384 | 43,43,442 |
| IV. ESTABLISHMENT .. .. .. | 13,16,216 | 52,015 | 13,68,231 |
| V. TOOLS AND PLANT .. .. .. | 17,907 | 409 | 18,316 |
| VI. REFUNDS OF REVENUE .. .. | 423 | .. | 423 |
| *Deduct*—Recoveries on revenue account .. | 3,094 | .. | 3,094 |
| Total, Direct Charges .. .. .. | 55,55,510 | 1,71,808 | 57,27,318 |
| Share of collection charges in the Civil Department .. .. .. .. | 11,51,978 | 23,888 | 11,75,866 |
| Indirect charges .. .. .. .. | 1,62,125 | 1,464 | 1,63,589 |
| Total, Direct and Indirect charges .. | 68,69,613 | 1,97,160 | 70,66,773 |
| * *Deduct*—Old maintenance charges saved to Government .. .. .. .. | 2,13,036 | 10,014 | 2,23,050 |
| Net Total .. | 66,56,577 | 1,87,146 | 68,43,723 |
| Balance, net revenue .. .. .. | 1,65,40,930 | 2,94,125 | 1,68,35,055 |
| Grand Total .. | 2,31,97,507 | 4,81,271 | 2,36,78,778 |

| | RS. |
|---|---|
| * Direct— | |
| Extensions and improvements .. .. .. | 2,427 |
| Maintenance and repairs .. .. .. | 4,853 |
| Establishment .. .. .. .. .. | 2,636 |
| Tools and plant .. .. .. .. .. | 25 |
| Total, Direct .. | 9,941 |
| Indirect .. .. .. .. .. .. | 73 |
| Total, Direct and Indirect .. | 10,014 |

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

### No. 4.—Interest Account for and to end of 1934–1935.

| | | Amount. | | Amount. |
|---|---|---|---|---|
| | | RS. | | RS. |
| Total interest charges to end of 1933–1934. | | 32,94,878 | Net revenue realized to end of 1933–1934. | 1,65,40,930 |
| Total interest charges for the year 1934–1935. | | 1,15,612 | * Net revenue realized during 1934–1935. | 2,94,125 |
| Balance, net revenue .. .. | | 1,34,24,565 | | |
| Total .. | | 1,68,35,055 | Total .. | 1,68,35,055 |
| * Interest at 3·3252 per cent on the outlay to end of 1916–1917 .. | RS. 62,168 | | | |
| Interest at 5·12 per cent on the outlay of Rs. 10,43,826 from 1917–1918 to end of 1933–1934 plus half the outlay during 1934–1935 .. .. | 53,444 | | | |
| Total .. | 1,15,612 | | | |

### No. 5.—Account of Indirect Charges for and to end of 1934–1935.

| Particulars. | Previous. | 1934–1935. | Total. |
|---|---|---|---|
| | RS. | RS. | RS. |
| CAPITAL— | | | |
| Capitalization of abatement of land revenue .. | 33,241 | .. | 33,241 |
| Leave and pension allowances .. .. .. | 45,917 | .. | 45,917 |
| Audit and accounts .. .. .. .. .. | 9,088 | .. | 9,088 |
| Total .. | 88,246 | .. | 88,246 |
| REVENUE— | | | |
| Capitalization of abatement of land revenue .. | 16,751 | 270 | 17,021 |
| Leave and pension allowances .. .. .. | 1,22,721 | .. | 1,22,721 |
| Audit and accounts .. .. .. .. .. | 22,653 | 1,194 | 23,847 |
| Total .. | 1,62,125 | 1,464 | 1,63,589 |
| Grand Total .. | 2,50,371 | 1,464 | 2,51,835 |



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

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

| Particulars. | CHARGES AGAINST CLOSED SANCTIONS. | | | CURRENT SANCTIONS. | | | | REMARKS. | |
|---|---|---|---|---|---|---|---|---|---|
| | Expenditure against construction estimate. | Expenditure against open canal sanction. | Total. | Charges to date. | Amount of sanctioned estimate. | Unspent balance of estimate. | Total charges to date against old and current sanctions. | G.O. No. and date. | Amount of estimate. |
| | RS. | RS. | RS. | | | | RS. | | RS. |
| *Direct Charges.* | | | | | | | | | |
| Works .. .. | 10,67,518 | 13,89,734 | 24,57,252 | .. | .. | .. | 24,57,252 | | |
| Establishment .. | 2,32,629 | 2,09,937 | 4,42,566 | .. | .. | .. | 4,42,566 | | |
| Tools and plant .. | 14,059 | 2,721 | 16,780 | .. | .. | .. | 16,780 | | |
| Suspense account .. | .. | .. | .. | .. | .. | .. | .. | | |
| Total .. | 13,14,206 | 16,02,392 | 29,16,598 | .. | .. | .. | 29,16,598 | | |
| *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 | | |

## DIVI PUMPING SYSTEM—*Canal Project.*

### No. 2.—Capital Account for and to end of 1934–1935.

| Heads of account. | Direct Charges. Previous. | 1934–1935. | Total. | Cost of construction as now estimated (construction estimate closed on 31st October 1913). | Expenditure against closed estimate. |
|---|---|---|---|---|---|
| | RS. | | RS. | RS. | RS. |
| I. WORKS— | | | | | |
| (1) *Head Works*— | | | | | |
| A. Old outlay .. .. | 16,954 | .. | 16,954 | 16,954 | 16,954 |
| Preliminary expenses .. | 383 | .. | 383 | 383 | 383 |
| B. Land .. .. .. | 12,345 | .. | 12,345 | 12,345 | 12,345 |
| C. Works .. .. .. | 1,94,275 | .. | 1,94,275 | 1,94,275 | 1,94,275 |
| K. Buildings .. .. | 4,27,626 | .. | 4,27,626 | 4,27,626 | 4,27,626 |
| L. Earthwork .. .. | 706 | .. | 706 | 706 | 706 |
| O. Miscellaneous .. .. | 16,746 | .. | 16,746 | 16,746 | 16,746 |
| P. Maintenance .. .. | 4,070 | .. | 4,070 | 4,070 | 4,070 |
| Unforeseen Works .. .. | .. | .. | .. | .. | .. |
| Total .. | 6,73,105 | .. | 6,73,105 | 6,73,105 | 6,73,105 |
| (2) *Main Canals and Branches*— | | | | | |
| A. Preliminary expenses | .. | .. | .. | .. | .. |
| B. Land .. .. .. | 39,470 | .. | 39,470 | 39,470 | 39,470 |
| D. Regulators .. .. | 28,848 | .. | 28,848 | 28,848 | 28,848 |
| E. Falls and weirs .. .. | .. | .. | .. | .. | .. |
| F. River and hill torrent works .. .. .. | .. | .. | .. | .. | .. |
| F. (1) Other cross drainage works .. .. | .. | .. | .. | .. | .. |
| G. Bridges .. .. .. | 37,526 | .. | 37,526 | 37,526 | 37,526 |
| H. Escapes .. .. .. | .. | .. | .. | .. | .. |
| I. Navigation works .. | .. | .. | .. | .. | .. |
| K. Buildings .. .. | 2,041 | .. | 2,041 | 2,041 | 2,041 |
| L. Earthwork .. .. | 1,14,532 | .. | 1,14,532 | 1,14,532 | 1,14,532 |
| N. Tanks and reservoirs .. | .. | .. | .. | .. | .. |
| O. Miscellaneous .. .. | 2,442 | .. | 2,442 | 2,442 | 2,442 |
| P. Maintenance .. .. | 4,516 | .. | 4,516 | 4,516 | 4,516 |
| Unforeseen Works .. .. | .. | .. | .. | .. | .. |
| Total .. | 2,29,375 | .. | 2,29,375 | 2,29,375 | 2,29,375 |
| (3) *Distributaries*— | | | | | |
| A. Preliminary expenses .. | 7,997 | .. | 7,997 | 7,997 | 7,997 |
| B. Land .. .. .. | 43,827 | .. | 43,827 | 43,827 | 43,827 |
| C. Works .. .. .. | 27,789 | .. | 27,789 | 27,789 | 27,789 |
| L. Earthwork .. .. | 81,332 | .. | 81,332 | 81,332 | 81,332 |
| O. Miscellaneous .. .. | 11,416 | .. | 11,416 | 11,416 | 11,416 |
| Unforeseen works .. .. | .. | .. | .. | .. | .. |
| Total .. | 1,72,361 | .. | 1,72,361 | 1,72,361 | 1,72,361 |
| (4) *Drainage and Protective Works*— | | | | | |
| A. Preliminary expenses .. | .. | .. | .. | .. | .. |
| B. Land .. .. .. | 4,596 | .. | 4,596 | 4,596 | 4,596 |
| C. Works .. .. .. | 78,978 | .. | 78,978 | 78,978 | 78,978 |
| L. Earthwork .. .. | 15,977 | .. | 15,977 | 15,977 | 15,977 |
| O. Miscellaneous .. .. | 1,007 | .. | 1,007 | 1,007 | 1,007 |
| P. Maintenance .. .. | .. | .. | .. | .. | .. |
| Lump sum provision .. | .. | .. | .. | .. | .. |
| Total .. | 1,00,558 | .. | 1,00,558 | 1,00,558 | 1,00,558 |
| (6) *Special tools and plant* .. | 3,41,033 | .. | 3,41,033 | 3,41,033 | 3,41,038 |
| **Total, Works** .. | 15,16,432 | .. | 15,16,432 | 15,16,432 | 15,16,432 |



## DIVI PUMPING SYSTEM—*Canal Project*—cont.

### No. 2.—Capital Account for and to end of 1934–1935—*cont.*

| Heads of account. | Direct Charges. Previous. | 1934–1935. | Total. | Cost of construction as now estimated (construction estimate closed on 31st October 1913). | Expenditure against closed estimate. |
|---|---|---|---|---|---|
| | RS. | | RS. | RS. | RS. |
| II. ESTABLISHMENT .. .. | 3,98,096 | .. | 3,98,096 | 3,98,096 | 3,98,096 |
| III. TOOLS AND PLANT .. .. | 6,77,467 | .. | 6,77,467 | 6,77,467 | 6,77,437 |
| Grand Total .. | 25,91,995 | .. | 25,91,995 | 25,91,995 | 25,91,995 |
| V. *Less*—RECEIPTS ON CAPITAL ACCOUNT .. .. .. | 490 | .. | 490 | 490 | 490 |
| Net Total .. | 25,91,505 | .. | 25,91,505 | 25,91,505 | 25,91,505 |
| *Apportionment*— | | | | | |
| Chargeable to 49. Irrigation .. | 19,56,450 | .. | 19,56,450 | .. | .. |
| Chargeable to 43. Irrigation—Provincial .. .. .. | 16,954 | .. | 16,954 | .. | .. |
| Charg able to 55-A. Irrigation—1. Productive .. .. | 6,18,101 | .. | 6,18,101 | .. | .. |
| Total .. | 25,91,505 | .. | 25,91,505 | .. | .. |

## DIVI PUMPING SYSTEM—*Canal Project*—cont.

### No. 3.—Revenue Account for and to end of 1934–1935.

| Receipts. | Total. Previous. | Total. 1934–1935. | Total. Total. |
|---|---|---|---|
| | RS. | RS. | RS. |
| I. DIRECT RECEIPTS— | | | |
| 3. Sale of water .. .. | .. | .. | .. |
| 4. Water-supply of towns .. .. | .. | .. | .. |
| 5. Receipts from plantations. | 814 | 11 | 825 |
| 6. Receipts from other canal produce .. .. | 29,014 | 1,301 | 30,315 |
| 8. Navigation receipts .. .. | 23,057 | 1,793 | 24,850 |
| 9. Rents of buildings .. .. | 16,109 | 1,626 | 17,735 |
| 10. Fines .. .. .. | 3 | .. | 3 |
| 11. Miscellaneous .. .. | 847 | 42 | 889 |
| Recoveries of expenditure .. | 311 | 204 | 515 |
| *Deduct*—Refunds .. | 499 | 45 | 544 |
| Total, Revenue realized in Public Works Department .. | 69,666 | 4,932 | 74,598 |
| Irrigation revenue realized in Civil Department .. | 36,77,306 | 2,00,483 | 38,77,789 |
| Total, Direct Receipts .. | 37,46,972 | 2,05,415 | 39,52,387 |
| I. INDIRECT RECEIPTS— | | | |
| Share of land revenue collected in the Civil Department .. | 11,37,406 | 87,205 | 12,24,611 |
| Total, Public Works and Civil Departments, Revenue .. | 48,84,378 | 2,92,620 | 51,76,998 |
| Total, Receipts .. | 48,84,378 | 2,92,620 | 51,76,998 |
| * Direct— | | | RS. |
| Extensions and improvements .. | | .. | 49 |
| Maintenance and repairs .. | | .. | 12,131 |
| Establishment .. | | .. | 4,476 |

| Charges. | Total. Previous. | Total. 1934–1935. | Total. Total. |
|---|---|---|---|
| | RS. | RS. | RS. |
| I. EXTENSIONS AND IMPROVEMENTS— | | | |
| (1) Head works .. .. | .. | .. | .. |
| (2) Main canals and branches .. | 51,938 | 104 | 52,042 |
| (3) Distributaries .. .. | 5,144 | 117 | 5,261 |
| (4) Drainage and protective works .. | 19,363 | .. | 19,363 |
| (5) Special tools and plant .. .. | 6,601 | 523 | 7,124 |
| | 689 | .. | 689 |
| Total .. | 83,735 | 744 | 84,479 |
| II. MAINTENANCE AND REPAIRS— | | | |
| (1) Head works .. .. | 16,78,888 | 82,868 | 17,61,756 |
| (2) Main canals and branches .. | 2,28,922 | 9,710 | 2,38,632 |
| (3) Distributaries .. .. | 96,218 | 2,687 | 98,905 |
| (4) Drainage and protective works .. | 28,440 | 253 | 28,693 |
| (5) Special tools and plant .. .. | 20,730 | .. | 20,730 |
| *Add*—Unclassifiable outlay .. .. | .. | .. | .. |
| Total .. | 20,53,198 | 95,518 | 21,48,716 |
| Total, Extensions and Improvements and Maintenance and Repairs .. .. | 21,36,933 | 96,262 | 22,33,195 |
| IV. ESTABLISHMENT .. .. .. | 8,61,476 | 46,299 | 9,07,775 |
| V. TOOLS AND PLANT .. .. .. | 69,678 | 373 | 70,051 |
| VI. REFUNDS OF REVENUE .. .. | 15 | .. | 15 |
| *Deduct*—Recoveries on revenue account. .. | 176 | .. | 176 |
| Total, Direct charges .. .. | 30,67,926 | 1,42,934 | 32,10,860 |
| Share of collection charges in the Civil Department .. .. .. | 1,94,499 | 10,891 | 2,05,390 |
| Indirect charges .. .. .. | 92,232 | 963 | 93,195 |
| Total, Direct and Indirect charges .. | 33,54,657 | 1,54,788 | 35,09,445 |
| * *Deduct*—Old maintenance charges saved to Government .. .. .. | 3,74,870 | 16,825 | 3,91,695 |
| Net Total .. .. | 29,79,787 | 1,37,963 | 31,17,750 |
| Balance, net revenue .. .. | 19,04,591 | 1,54,657 | 20,59,248 |
| Grand Total .. .. | 48,84,378 | 2,92,620 | 51,76,998 |
| Direct—*cont.* | | | RS. |
| Tools and plant .. .. .. | | .. | 47 |
| Total, Direct | | .. | 16,703 |
| Indirect .. .. .. | | .. | 122 |
| Total, Direct and Indirect .. | | .. | 16,825 |



## DIVI PUMPING SYSTEM—*Canal Project*—cont.

### No. 4.—Interest Account for and to end of 1934–1935.

| | Amount. |
|---|---|
| | RS. |
| Total interest charges to end of 1933–1934. | 20,94,306 |
| Total interest charges for the year 1934–1935. | 98,580 |
| Total .. | 21,92,886 |

| | Amount. |
|---|---|
| | RS. |
| Net revenue realized to end of 1933–1934 .. .. .. | 19,04,591 |
| * Net revenue realized during 1934–1935 .. .. .. | 1,54,657 |
| Balance, net interest charges .. | 1,33,638 |
| Total .. | 21,92,886 |

| | RS. |
|---|---|
| * Interest at 3·3252 per cent on the outlay to end of 1916–1917 .. | 63,187 |
| Interest at 5·12 per cent on the outlay of Rs. 6,91,271 from 1917–1918 to end of 1933–1934 plus half the outlay during 1934–1935.. | 35,393 |
| Total .. | 98,580 |

### No. 5.—Account of Indirect Charges for and to end of 1934–1935.

| Particulars. | Previous. | 1934–1935. | Total. |
|---|---|---|---|
| | RS. | RS. | RS. |
| CAPITAL— | | | |
| Capitalization of abatement of land revenue .. | 4,595 | .. | 4,595 |
| Leave and pension allowances .. .. .. | 52,699 | .. | 52,699 |
| Audit and accounts .. .. .. .. .. | 4,344 | .. | 4,344 |
| Total .. | 61,638 | .. | 61,638 |
| REVENUE— | | | |
| Capitalization of abatement of land revenue .. | 388 | .. | 388 |
| Leave and pension allowances .. .. .. | 77,881 | .. | 77,881 |
| Audit and accounts .. .. .. .. .. | 13 963 | 963 | 14,926 |
| Total .. | 92,232 | 963 | 93,195 |
| Grand Total .. | 1,53,870 | 963 | 1,54,833 |

## 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. | Remarks. | |
|---|---|---|---|---|---|---|---|---|---|
| | Expenditure against construction estimate. | Expenditure against open canal sanction. | Total. | Charges to date. | Amount of sanctioned estimate. | Unspent balance of estimate. | | G.O. No. and date. | Amount of estimate. |
| | RS. | RS. | RS. | | | | RS. | | RS. |
| *Direct Charges.* | | | | | | | | | |
| Works .. .. | 9,86,285 | 5,30,147 | 15,16,432 | .. | .. | .. | 15,16,432 | | |
| Establishment .. .. | 1,87,250 | 2,10,846 | 3,98,096 | .. | .. | .. | 3,98,096 | | |
| Tools and plant .. .. | 6,71,389 | 6,078 | 6,77,467 | .. | .. | .. | 6,77,467 | | |
| Suspense account .. | .. | .. | .. | .. | .. | .. | .. | | |
| Total .. | 18,44,924 | 7,47,071 | 25,91,995 | .. | .. | .. | 25,91,995 | | |
| *Less*—Receipts on Capital Account .. | 377 | 113 | 490 | .. | .. | .. | 490 | | |
| Net Total .. | 18,44,547 | 7,46,958 | 25,91,505 | .. | .. | .. | 25,91,505 | | |
| *Indirect Charges.* | | | | | | | | | |
| Capitalized abatement of land revenue .. | 379 | 4,216 | 4,595 | .. | .. | .. | 4,595 | | |
| Leave and pension allowances .. .. | 26,215 | 26,484 | 52,699 | .. | .. | .. | 52,699 | | |
| Audit and accounts .. | .. | 4,344 | 4,344 | .. | .. | .. | 4,344 | | |
| Total .. | 26,594 | 35,044 | 61,638 | .. | .. | .. | 61,638 | | |
| Grand Total .. | 18,71,141 | 7,82,002 | 26,53,143 | .. | .. | .. | 26,53,143 | | |



## TOLUDUR RESERVOIR SYSTEM.

### No. 2.—Capital Account for and to end of 1934–1935.

| Heads of account. | Direct Charges. Previous. | 1934–1935. | Total. | Cost of construction as now estimated (construction estimate closed on 31st October 1925). | Expenditure against closed estimate. |
|---|---|---|---|---|---|
| | RS. | RS. | RS. | RS. | RS. |
| I. WORKS— | | | | | |
| (1) *Head Works*— | | | | | |
| A. Preliminary expenses .. | 8,442 | .. | 8,442 | 8,442 | 8,442 |
| B. Land .. .. .. | 50,036 | .. | 50,036 | 50,036 | 50,036 |
| C. Works .. .. .. | 4,50,266 | .. | 4,50,266 | 4,50,266 | 4,50,266 |
| K. Buildings .. .. | 21,002 | .. | 21,002 | 21,002 | 21,002 |
| L. Earthwork .. .. | 8,35,166 | .. | 8,35,166 | 8,35,166 | 8,35,166 |
| O. Miscellaneous .. .. | 7,076 | .. | 7,076 | 7,076 | 7,076 |
| P. Maintenance .. .. | 4,807 | .. | 4,807 | 4,807 | 4,807 |
| Unforeseen works .. | .. | .. | .. | .. | .. |
| Total .. | 13,76,795 | .. | 13,76,795 | 13,76,795 | 13,76,795 |
| (2) *Main Canals and Branches*— | | | | | |
| A. Preliminary expenses .. | 1,185 | .. | 1,185 | 1,185 | 1,185 |
| B. Land .. .. .. | 38,398 | .. | 38,398 | 38,398 | 38,398 |
| C. Works .. .. .. | 8,812 | 46 | 8,858 | 12,897 | .. |
| D. Regulators .. .. | 19,028 | .. | 19,028 | 19,028 | 19,028 |
| E. Falls and weirs .. .. | 24,043 | .. | 24,043 | 24,043 | 24,043 |
| F. (1) Other cross drainage works .. .. .. | 8,765 | .. | 8,765 | 8,765 | 8,765 |
| G. Bridges .. .. .. | 8,854 | .. | 8,854 | 8,854 | 8,854 |
| K. Buildings .. .. | .. | .. | .. | .. | .. |
| L. Earthwork .. .. | 52,042 | | 52,042 | 52,042 | 52,042 |
| O. Miscellaneous .. .. | 1,220 | .. | 1,220 | 1,220 | 1,220 |
| P. Maintenance .. .. | 3,420 | .. | 3,420 | 3,420 | 3,420 |
| Unforeseen works .. .. | .. | .. | .. | .. | .. |
| Total .. | 1,65,767 | 46 | 1,65,813 | 1,62,852 | 1,56,955 |
| (3) *Distributaries*— | | | | | |
| A. Preliminary expenses .. | 971 | .. | 971 | 971 | 971 |
| B. Land .. .. .. | 38,688 | .. | 38,688 | 38,688 | 38,688 |
| C. Works .. .. .. | 62,742 | .. | 62,742 | 62,742 | 62,742 |
| L. Earthwork .. .. | .. | .. | .. | .. | .. |
| O. Miscellaneous .. .. | .. | .. | .. | .. | .. |
| P. Maintenance .. .. | .. | .. | .. | .. | .. |
| Unforeseen works .. | .. | .. | .. | .. | .. |
| Total .. | 1,02,401 | .. | 1,02,401 | 1,02,401 | 1,02,401 |
| (6) *Special Tools and Plant*— | — 61,411 | .. | — 61,411 | — 61,411 | — 61,411 |
| Provision for unforeseen works | .. | .. | .. | .. | .. |
| Total, Works .. | 15,83,552 | 46 | 15,83,598 | 15,87,637 | 15,74,740 |
| II. ESTABLISHMENT .. .. | 4,68,484 | 18 | 4,68,502 | 4,68,439 | 4,65,030 |
| III. TOOLS AND PLANT .. .. | 3,05,936 | .. | 3,05,936 | 3,06,173 | 3,05,915 |
| (a) Grand Total .. | 23,57,972 | 64 | 23,58,036 | 23,62,249 | 23,45,685 |
| V. *Less*—RECEIPTS ON CAPITAL ACCOUNT .. .. .. | 9,815 | .. | 9,815 | 9,815 | 9,815 |
| (a) Net Total .. | 23,48,157 | 64 | 23,48,221 | 23,52,434 | 23,35,870 |
| Chargeable to 49. Irrigation Works .. .. .. .. | 17,48,578 | .. | 17,48,578 | .. | .. |
| Chargeable to 55 and 16 A. Irrigation Works—Productive .. | 5,99,579 | 64 | 5,99,643 | .. | .. |
| Total .. | 23,48,157 | 64 | 23,48,221 | .. | .. |

## TOLUDUR RESERVOIR SYSTEM—*cont.*

### No. 3.—Revenue Account for and to end of 1934–35.

| Receipts. | Total. Previous. | Total. 1934–35. | Total. Total. |
|---|---|---|---|
| | RS. | RS. | RS. |
| I. DIRECT RECEIPTS— | | | |
| 5. Receipts from plantations .. | 747 | 149 | 896 |
| 6. Receipts from other canal produce. | 2,164 | 42 | 2,206 |
| 9. Rents of buildings .. .. | 1,007 | 80 | 1,087 |
| 11. Miscellaneous .. .. | 383 | .. | 383 |
| Recoveries of expenditure .. | 225 | .. | 225 |
| *Deduct*—Refunds . .. | 55 | 42 | 97 |
| Total, Revenue realized in Public Works Department .. .. | 4,471 | 229 | 4,700 |
| Irrigation Revenue realized in Civil Department .. .. | 9,54,506 | 1,06,590 | 10,61,096 |
| Total, Direct Receipts .. | 9,58,977 | 1,06,819 | 10,65,796 |
| II. INDIRECT RECEIPTS— | | | |
| Share of Land Revenue collected in the Civil Department .. | 1,792 | 448 | 2,240 |
| Total, Public Works and Civil Departments, Revenue .. | 9,60,769 | 1,07,267 | 10,68,036 |
| Total, Receipts .. | 9,60,769 | 1,07,267 | 10,68,036 |

| Charges. | Total. Previous. | Total. 1934–35. | Total. Total. |
|---|---|---|---|
| | RS. | RS. | RS. |
| I. EXTENSIONS AND IMPROVEMENTS— | | | |
| (1) Head works .. .. .. | 12,711 | .. | 12,711 |
| (2) Main canals and branches .. .. | 4,633 | 877 | 5,510 |
| (3) Distributaries .. .. .. | 4,182 | 1,344 | 5,526 |
| (4) Drainage and protective works .. | .. | .. | .. |
| (5) Special tools and plant .. .. | .. | .. | .. |
| Total .. | 21,526 | 2,221 | 23,747 |
| II. MAINTENANCE AND REPAIRS— | | | |
| (1) Head works .. .. .. | 45,552 | 2,005 | 47,557 |
| (2) Main canals and branches .. .. | 1,75,642 | 16,282 | 1,91,924 |
| (3) Distributaries .. .. .. | 31,505 | 3,485 | 34,990 |
| (4) Drainage and protective works .. | .. | .. | .. |
| (5) Special tools and plant .. .. | .. | .. | .. |
| *Add*—Unclassifiable outlay .. .. | .. | .. | .. |
| Total .. | 2,52,699 | 21,772 | 2,74,471 |
| Total, Extensions and Improvements and Maintenance and Repairs .. .. | 2,74,225 | 23,993 | 2,98,218 |
| IV. ESTABLISHMENT .. .. .. | 93,862 | 10,535 | 1,04,397 |
| V. TOOLS AND PLANT .. .. .. | 1,311 | 82 | 1,393 |
| VI. REFUNDS OF REVENUE .. .. | .. | .. | .. |
| *Deduct*—Recoveries on revenue account. | 240 | .. | 240 |
| Total, Direct Charges .. | 3,69,158 | 34,610 | 4,03,768 |
| Share of collection charges in the Civil Department .. .. .. .. | 47,815 | 5,352 | 53,167 |
| Indirect Charges .. .. .. .. | 3,629 | 255 | 3,884 |
| Total, Direct and Indirect Charges .. | 4,20,602 | 40,217 | 4,60,819 |
| Balance net revenue .. | 5,40,167 | 67,050 | 6,07,217 |
| Grand Total .. | 9,60,769 | 1,07,267 | 10,68,036 |



## TOLUDUR RESERVOIR SYSTEM—*cont.*

### No. 4.—Interest Accounts for and to end of 1934–1935.

| | RS. | Amount. RS. | | Amount. RS. |
|---|---|---|---|---|
| Total interest charges to end of 1934–1935 .. .. .. | | 16,45,659 | Net revenue realized to end of 1933–1934 .. .. .. | 5,40,167 |
| Total interest charges for the year 1934–1935— | | | Net revenue realized during 1934–1935 .. .. .. .. | 67,050 |
| Interest at 3·3252 per cent on the outlay to end of 1916–1917 .. | 27,500 | | Balance, net interest charges .. | 11,43,827 |
| Interest at 5·12 per cent on the outlay of Rs. 15,21,180 from 1917–1918 to end of 1933–1934 plus half the outlay during 1934–1935.. | 77,885 | 1,05,385 | | |
| Total .. | | 17,51,044 | Total .. | 17,51,044 |

### No. 5.—Account of Indirect Charges for and to end of 1934–1935.

| Particulars. | Previous. | 1934–1935. | Total. |
|---|---|---|---|
| | RS. | RS. | RS. |
| CAPITAL— | | | |
| Capitalization of abatement of land revenue .. | 1,80,546 | 120 | 1,80,666 |
| Leave and pension allowances .. .. .. | 66,102 | .. | 66,102 |
| Audit and accounts .. .. .. .. .. | 4,336 | 1 | 4,337 |
| Total .. | 2,50,984 | 121 | 2,51,105 |
| REVENUE— | | | |
| Capitalization of abatement of land revenue .. | .. | 15 | 15 |
| Leave and pension allowances .. .. .. | 886 | .. | 886 |
| Audit and accounts .. .. .. .. .. | 2,743 | 240 | 2,983 |
| Total .. | 3,629 | 255 | 3,884 |
| Grand Total .. | 2,54,613 | 376 | 2,54,989 |

## TOLUDUR RESERVOIR SYSTEM—*cont.*

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

| Particulars. | Charges against closed sanctions. | | | Current sanctions. | | | | Remarks. | |
|---|---|---|---|---|---|---|---|---|---|
| | Expenditure against construction estimate. | Expenditure against open canal sanction. | Total. | Charges to date. | Amount of sanctioned estimate. | Unspent balance of estimate. | Total charges to date against old and current sanctions. | G.O. No. and date. | Amount of estimate. |
| | RS. | RS. | RS. | RS. | RS. | RS. | RS. | | RS. |
| *Direct Charges.* | | | | | | | | | |
| Works .. .. | 16,12,421 | — 37,681 | 15,74,740 | 8,858 | 12,897 | 4,039 | 15,83,598 | C.R. No. 7 of February 1932. | 6,812 |
| Establishment .. | 4,74,048 | — 9,018 | 4,65,030 | 3,472 | 3,409 | — 63 | 4,68,502 | C.R. No. 8 of March 1932. | 4,160 |
| Tools and plant .. | 3,06,052 | — 137 | 3,05,915 | 21 | 258 | 237 | 3,05,936 | D.R. No. 114 of 1932–33. | 1,925 |
| Suspense account .. | .. | .. | .. | .. | .. | .. | .. | | |
| Total .. | 23,92,521 | — 46,836 | 23,45,685 | 12,351 | 16,564 | 4,213 | 23,58,036 | Total .. | 12,897 |
| *Less*—Receipts on Capital Account .. | 8,322 | 1,493 | 9,815 | .. | .. | .. | 9,815 | | |
| Net Total. | 23,84,199 | — 48,329 | 23,35,870 | 12,351 | 16,564 | 4,213 | 23,48,221 | | |
| *Indirect Charges.* | | | | | | | | | |
| Capitalized abatement of land revenue .. | 1,80,460 | 86 | 1,80,546 | 120 | .. | — 120 | 1,80,666 | | |
| Leave and pension allowances .. | 66,102 | .. | 66,102 | .. | .. | .. | 66,102 | | |
| Audit and accounts .. | 4,566 | — 318 | 4,248 | 89 | 129 | 40 | 4,337 | | |
| Total .. | 2,51,128 | — 232 | 2,50,896 | 209 | 129 | — 80 | 2,51,105 | | |
| Grand Total .. | 26,35,327 | — 48,561 | 25,86,766 | 12,560 | 16,693 | 4,133 | 25,99,326 | | |



ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1934–1935.

## POLAVARAM ISLAND—*Project.*

### No. 2.—Capital Account for and to end of 1934–1935.

| Heads of account. | Direct Charges. | | | Cost of construction as now estimated. | Expenditure against closed estimate. |
|---|---|---|---|---|---|
| | Previous. | 1934–1935. | Total. | | |
| | RS. | RS. | RS. | RS. | |
| I. WORKS— | | | | | |
| (2) *Main Canals and Branches*— | | | | | |
| A. Preliminary expenses .. | .. | .. | .. | .. | .. |
| B. Land .. .. .. | 22,914 | .. | 22,914 | 43,000 | .. |
| C. Works .. .. .. | 2,783 | .. | 2,783 | 4,000 | .. |
| G. Bridges .. .. .. | 49,970 | .. | 49,970 | 51,200 | .. |
| I. Navigation .. .. | 12,463 | .. | 12,463 | 16,400 | .. |
| K. Buildings .. .. | .. | .. | .. | .. | .. |
| L. Earthwork .. .. | 1,78,929 | .. | 1,78,929 | 1,81,871 | .. |
| O. Miscellaneous .. .. | 11,300 | .. | 11,300 | 9,335 | .. |
| P. Maintenance .. .. | .. | .. | .. | .. | .. |
| Unforeseen Works .. .. | .. | .. | .. | 7,634 | .. |
| Total .. | 2,78,359 | .. | 2,78,359 | 3,13,440 | .. |
| B. Lan .. .. .. | 1,48,830 | .. | 1,48,830 | 1,47,000 | .. |
| C. Works .. .. .. | 5,63,932 | .. | 5,63,932 | 6,30,000 | .. |
| K. Buildings .. .. | 6,524 | .. | 6,524 | 7,100 | .. |
| L. Earthwork .. .. | 1,78,926 | — 1 | 1,78,925 | 1,98,040 | .. |
| O. Miscellaneous .. .. | 1,104 | 1 | 1,105 | 3,690 | .. |
| Total .. | 8,99,316 | .. | 8,99,316 | 9,85,830 | .. |
| (4) Drainage and Protective arms— | | | | | |
| C. *Works* .. .. | .. | 6 735 | 6,735 | 63,550 | .. |
| O. Miscellaneous .. | 55,546 | 105 | 55,441 | 64,684 | .. |
| Total .. | 55,546 | 6,630 | 62,176 | 1,28,234 | .. |
| Total, Works .. | 12,33,221 | 6,630 | 12,39,851 | 14,27,504 | .. |
| II. ESTABLISHMENT .. .. | 3,51,581 | 2,454 | 3,54,035 | 4,23,151 | .. |
| III. TOOLS AND PLANT .. .. | 13,851 | 89 | 13,940 | 28,551 | .. |
| Grand Total .. | 15,98,653 | 9,173 | 16,07,826 | 18,79,206 | .. |
| V. *Less*—RECEIPT ON CAPITAL ACCOUNT .. .. | 4,099 | .. | 4,099 | 4,099 | .. |
| Net Total .. | 15,94,554 | 9,173 | 16,03,727 | 18,79,206 | .. |
| Chargeable to 55 and 16 A. Irrigation Works—Productive .. | 15,94,554 | 9,173 | 16,03,727 | .. | .. |

## POLAVARAM ISLAND—*Project*—cont.

### No. 3.—Revenue Account for and to end of 1934–1935.

| Receipts. | Total. Previous. | Total. 1934–1935. | Total. |
|---|---|---|---|
| | RS. | RS. | RS. |
| I. DIRECT RECEIPTS— | | | |
| 5. Receipts from plantations .. | 4,013 | 360 | 1,373 |
| 6. Receipts from other canal produce .. .. | 802 | 132 | 934 |
| 8. Navigation receipts .. .. | 4 | .. | 4 |
| 9. Rents of buildings .. .. | 53 | 29 | 82 |
| Recoveries of expenditure .. .. | 39 | 6 | 45 |
| 11. Miscellaneous .. .. | 27 | .. | 28 |
| *Deduct*—Refunds .. | 85 | 14 | 99 |
| Total Revenue realized in Public Works Department .. .. | 1,854 | 513 | 2,367 |
| Irrigation Revenue realized in Civil Department .. .. | 5,19,401 | 1,14,088 | 6,33,489 |
| Total, Direct Receipts .. | 5,21,255 | 1,14,601 | 6,35,856 |
| II. INDIRECT RECEIPTS— | | | |
| Share of land revenue collected in the Civil Department .. | .. | .. | .. |
| Total, Public Works and Civil Departments, Revenue .. | 5,21,255 | 1,14,601 | 6,35,856 |
| Total, Receipts .. | 5,21,255 | 1,14,601 | 6,35,856 |

| Charges. | Total. Previous. | Total. 1934–1935. | Total. |
|---|---|---|---|
| | RS. | RS. | RS. |
| I. EXTENSIONS AND IMPROVEMENTS— | | | |
| (1) Head works .. .. | .. | .. | .. |
| (2) Main canals and branches .. .. | .. | 15 | 15 |
| (3) Distributaries .. .. | 1,298 | 452 | 1,750 |
| (4) Drainage and protective works .. .. | .. | .. | .. |
| (5) Special tools and plant .. .. | .. | .. | .. |
| Total .. | 1,298 | 467 | 1,765 |
| II. MAINTENANCE AND REPAIRS— | | | |
| (1) Head works .. .. .. | .. | .. | .. |
| (2 Main canals and branches .. .. | 1,189 | .. | 1,189 |
| (3) Distributaries .. .. .. | 26,728 | 3,982 | 30,710 |
| (4) Drainage and protective works .. .. | 360 | .. | 360 |
| (5) Special tools and plant .. .. | .. | .. | .. |
| *Add*—Unclassifiable outlay .. .. | .. | .. | .. |
| Total .. | 28,277 | 3,982 | 32,259 |
| Total, Extensions and Improvements and Maintenance and Repairs .. .. | 29,575 | 4,449 | 34,024 |
| IV. ESTABLISHMENT .. .. .. | 13,568 | 2,984 | 16,552 |
| V. TOOLS AND PLANT .. .. .. | 293 | 60 | 353 |
| VI. REFUNDS OF REVENUE .. .. | .. | .. | .. |
| Total, Direct charges .. | 43,436 | 7,493 | 50,929 |
| Share of collection charges in the Civil Department .. .. .. .. | 25,969 | 5,704 | 31,673 |
| Indirect charges .. .. .. .. | 306 | 44 | 350 |
| Total, Direct and Indirect Charges .. | 69,711 | 13,241 | 82,952 |
| Balance, net revenue .. .. .. | 4,51,544 | 1,01,360 | 5,52,904 |
| Grand Total .. | 5,21,255 | 1,14,601 | 6,35,856 |



## POLAVARAM ISLAND—*Project*—cont.

### No. 4.—Interest for and to end of 1934–1935.

| | Amount. | | Amount. |
|---|---|---|---|
| | RS. | | RS. |
| Total interest charges to end of 1933–34 .. .. .. | 5,33,727 | Net revenue realized to end of 1933–34 .. .. .. .. | 4,51,544 |
| Total interest charges for the year 1934–35— | | Net revenue realized during 1934–35 .. .. .. .. | 1,01,360 |
| Interest at 5·12 per cent on the outlay of Rs 15,99,141 from 1925–26 to end of 1933–34 plus half the outlay during 1934–35 (first outlay was in 1925–26). | 81,876 | Balance, net interest charges .. | 62,699 |
| Total .. | 6,15,603 | Total .. | 6,15,603 |

### No. 5.—Accounts of Indirect Charges for and to end of 1934–1935.

| Particulars. | Previous. | 1934–1935. | Total. |
|---|---|---|---|
| | RS. | RS. | RS. |
| CAPITAL— | | | |
| Capitalization of abatement of land revenue .. | 10,080 | .. | 10,080 |
| Leave and pension allowances .. .. .. | 4,423 | .. | 4,423 |
| Audit and accounts .. .. .. .. .. | 12,331 | 66 | 12,397 |
| Total .. | 26,834 | 66 | 26,900 |
| REVENUE— | | | |
| Capitalization of abatement of land revenue .. | 10 | .. | 10 |
| Leave and pension allowances .. .. .. | .. | .. | .. |
| Audit and accounts .. .. .. .. .. | 296 | 44 | 340 |
| Total .. | 306 | 44 | 350 |
| Grand Total .. | 27,140 | 110 | 27,250 |

## 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. | Remarks. | |
|---|---|---|---|---|---|---|---|---|---|
| | Expenditure against construction estimate. | Expenditure against open canal sanction. | Total. | Charges to date. | Amount of sanctioned estimate. | Unspent balance of estimate. | | G.O. No. and date. | Amount of estimate. |
| | | | | RS. | RS. | RS. | | | RS. |
| *Direct Charges.* | | | | | | | | *Direct Charges.* | |
| Works .. .. | .. | .. | .. | 12,39,851 | 14,27,504 | 1,87,653 | .. | 11 workslip approved in Chief Engineer's No. 3006/30-C.E.P. of 6th January 1931 and G.O. No. 263 I., 30th January 1931. | 13,63,954 |
| Establishment .. | .. | .. | .. | 3,54,035 | 4,23,151 | 69,116 | .. | | |
| Tools and plant .. | .. | .. | .. | 13,940 | 28,551 | 14,611 | .. | | |
| Suspense account .. | .. | .. | .. | .. | .. | .. | .. | | |
| Total .. | .. | .. | .. | 16,07,826 | 18,79,206 | 2,71,380 | .. | | |
| *Less*—Receipts on Capital Account .. | .. | .. | .. | — 4,099 | .. | — 4,099 | .. | | |
| Net Total .. | .. | .. | .. | 16,03,727 | 18,79,206 | 2,75,479 | .. | | |
| *Indirect Charges.* | | | | | | | | | |
| Capitalized abatement of land revenue .. | .. | .. | .. | 10,930 | 6,400 | — 3,680 | .. | Circle Register No. 2 of March 1935. | 63,550 |
| Leave and pension allowances .. .. | .. | .. | .. | 4,423 | 4,423 | .. | .. | | |
| Audit and accounts .. | .. | .. | .. | 12,397 | 14,276 | 1,879 | .. | | |
| Total .. | .. | .. | .. | 26,900 | 25,099 | — 1,801 | .. | | |
| Grand Total .. | .. | .. | .. | 16,30,627 | 19,04,305 | 2,73,678 | .. | | 14,27,504 |



## CAUVERY-METTUR RESERVOIR PROJECT—*Canal Project.*

### No. 2.—Capital Account for and to end of 1934–1935.

| Heads of account. | Direct Charges. Previous. | 1934–1935. | Total. | Cost of construction as now estimated. | Expenditure against closed estimate. |
|---|---|---|---|---|---|
| | RS. | RS. | RS. | RS. | |
| I. WORKS— | | | | | |
| (1) *Head Works*— | | | | | |
| A. Preliminary expenses .. .. | 1,85,133 | 1,501 | 1,86,634 | 1,85,000 | .. |
| B. Land .. .. | 30,09,399 | 18,832 | 30,28,231 | 30,10,000 | .. |
| C. Works .. .. | 2,64,93,014 | 3,23,208 | 2,68,16,222 | 2,83,00,000 | .. |
| K. Buildings .. .. | 25,19,456 | 37,959 | 25,57,415 | 25,87,000 | .. |
| O. Miscellaneous .. | 29,18,849 | 78,088 | 29,96,937 | 30,74,000 | .. |
| P. Maintenance .. | 5,136 | 6,597 | 11,733 | 34,000 | |
| Total .. | 3,51,30,987 | 4,66,185 | 3,55,97,172 | 3,71,90,000 | .. |
| (2) *Main Canals and Branches*— | | | | | |
| (*a*) Grand Anicut Canal system— | | | | | |
| A. Preliminary expenses .. | 98,386 | 134 | 98,520 | 99,000 | .. |
| B. Land .. .. | 11,19,823 | 21,096 | 11,40,919 | 12,00,000 | .. |
| D. Regulators .. | 2,97,713 | 6,626 | 3,04,339 | 3,20,000 | .. |
| E. Falls and weirs. | 1,67,005 | 139 | 1,67,144 | 1,70,000 | .. |
| F. (1) Other cross drainage works. | 22,48,978 | 1,25,971 | 23,74,949 | 23,60,000 | .. |
| G. Bridges .. .. | 7,91,530 | 14,538 | 8,06,068 | 8,25,000 | .. |
| H. Escapes .. | 22,502 | 6,485 | 28,987 | 25,000 | .. |
| K. Buildings .. | 2,18,794 | 9,274 | 2,28,068 | 2,22,000 | .. |
| L. Earthwork .. | 31,60,682 | 61,473 | 32,22,155 | 33,20,000 | .. |
| M. Plantations .. | 17,159 | 246 | 17,405 | 25,000 | .. |
| O. Miscellaneous .. | 87,322 | 7,438 | 94,760 | 85,000 | .. |
| P. Maintenance .. | 89,760 | 9,749 | 99,509 | 1,20,000 | .. |
| Total .. | 83,19,654 | 2,63,169 | 85,82,823 | 87,71,000 | .. |
| (*b*) Vadavar system— | | | | | |
| A. Preliminary expenses .. | 20,845 | .. | 20,845 | 20,900 | .. |
| B. Land .. .. | 90,799 | .. | 90,799 | 91,000 | .. |
| D. Regulators .. | 27,592 | .. | 27,592 | 27,600 | .. |
| E. Falls and weirs. | 25,182 | .. | 25,182 | 24,360 | .. |
| F. (1) Other cross drainage works. | 55,394 | 1,899 | 57,293 | 54,080 | .. |
| G. Bridges .. .. | 38,785 | 2,141 | 40,926 | 40,000 | .. |
| H. Escapes .. | 24,349 | .. | 24,349 | 24,350 | .. |
| K. Buildings .. | 28,749 | .. | 28,749 | 28,750 | .. |
| L. Earthwork .. | 2,04,098 | .. | 2,04,098 | 2,03,800 | .. |
| M. Plantations .. | 4,049 | .. | 4,049 | 4,060 | .. |
| O. Miscellaneous .. | 13,598 | 6 | 13,604 | 14,500 | .. |
| P. Maintenance .. | 9,664 | .. | 9,664 | 10,600 | .. |
| Total .. | 5,43,104 | 4,046 | 5,47,150 | 5,44,000 | .. |
| Total, (2) Main Canals and Branches .. .. .. .. | 88,62,758 | 2,67,215 | 91,29,973 | 93,15,000 | .. |

## CAUVERY-METTUR RESERVOIR PROJECT—*Canal Project*—cont.

### No. 2.—Capital Account for and to end of 1934–1935—*cont.*

| Heads of account. | Direct Charges Previous. RS. | 1934–1935. RS. | Total. RS. | Cost of construction as now estimated. RS. | Expenditure against closed estimate. |
|---|---|---|---|---|---|
| I. WORKS—*cont.* | | | | | |
| (3) *Distributaries*— | | | | | |
| (*a*) Grand Anicut Canal system— | | | | | |
| A. Preliminary expenses .. | 1,29,186 | 1,406 | 1,30,592 | 1,32,000 | .. |
| B. Land .. .. | 22,84,866 | 3,19,619 | 26,04,485 | 28,75,000 | .. |
| C. Works .. .. | 8,78,766 | 1,75,467 | 10,54,233 | 11,25,000 | .. |
| L. Earthwork .. | 6,90,376 | 52,126 | 7,42,502 | 8,90,000 | .. |
| M. Plantations .. | 9,237 | 903 | 10,140 | 18,000 | .. |
| O. Miscellaneous .. | 67,765 | 3,953 | 71,718 | 80,000 | .. |
| P. Maintenance .. | 29,826 | 8,933 | 38,759 | 40,000 | .. |
| Total .. | 40,90,022 | 5,62,407 | 46,52,429 | 51,60,000 | .. |
| (*b*) Vadavar system— | | | | | |
| A. Preliminary expenses .. | 22,604 | .. | 22,604 | 22,800 | .. |
| B. Land .. .. | 4,57,372 | 202 | 4,57,574 | 4,57,200 | .. |
| C. Works .. .. | 2,05,620 | 417 | 2,06,037 | 2,09,000 | .. |
| L. Earthwork .. | 2,45,931 | 1,483 | 2,47,414 | 2,48,000 | .. |
| M. Plantations .. | 2,773 | .. | 2,773 | 2,800 | .. |
| O. Miscellaneous .. | 13,880 | 21 | 13,901 | 16,000 | .. |
| P. Maintenance .. | 17,839 | .. | 17,839 | 24,000 | .. |
| Total .. | 9,66,019 | 2,123 | 9,68,142 | 9,79,800 | .. |
| Total, (3) Distributaries .. | 50,56,041 | 5,64,530 | 56,20,571 | 61,39,800 | .. |
| (6) *Special Tools and Plant* .. | 93,31,664 | — 1,16,709 | 92,14,955 | 87,00,000 | .. |
| *Loss on stock* .. .. | 3,662 | 11,964 | 15,626 | 10,200 | .. |
| Total, Works .. | 5,83,85,112 | 11,93,185 | 5,95,78,297 | 6,13,55,000 | .. |
| II. ESTABLISHMENT (*a*)— | | | | | |
| Non-voted— | | | | | |
| Pay of officers .. | 12,95,651 | 76,485 | 13,72,136 | .. | .. |
| Cost of passage granted .. .. | 26,615 | 1,300 | 27,915 | .. | .. |
| Other compensatory allowances .. | 12,290 | .. | 12,290 | .. | .. |
| Travelling allowance. | 79,119 | 4,595 | 83,714 | .. | .. |
| Rates and taxes .. | 4 | .. | 4 | .. | .. |
| Supervision charges. | 5,298 | 228 | 5,526 | .. | .. |
| Bonus contribution to Special Provident Fund .. | 12,942 | .. | 12,942 | .. | .. |
| Voted— | | | | | |
| Pay of officers .. | 9,24,195 | 76,478 | 10,00,673 | .. | .. |
| Pay of establishment —Temporary .. | 19,04,637 | 1,60,717 | 20,65,354 | .. | .. |
| Travelling allowance. | 2,60,141 | 16,704 | 2,98,035 | .. | .. |
| Fixed travelling allowance .. | 21,190 | | | | |
| Other compensatory allowance .. | 40,628 | 48 | 40,676 | .. | .. |
| Contract contingencies .. .. | 85 | .. | 85 | .. | .. |
| Supplies and services .. .. | 2,093 | .. | 2,093 | .. | .. |
| Non-contract contingencies—Stationery and Printing. | 2,06,078 | 159 | 2,06,237 | .. | .. |
| Other contingencies. | 40,292 | 12,116 | 52,408 | .. | .. |
| Supervision charges. | 5,453 | 23,636 | 29,089 | .. | .. |
| Bonus contribution to Special Provident Fund .. | 12,704 | .. | 12,704 | .. | .. |
| Charges payable to Government—Departments, etc. | .. | 1,104 | 1,104 | .. | .. |
| **Total** .. | **48,49,415** | **3,73,570** | **52,22,985** | .. | .. |



## CAUVERY-METTUR RESERVOIR PROJECT—*Canal Project*—cont.

### No. 2.—Capital Account for and to end of 1934–1935—*cont.*

| Heads of account. | Direct Charges. Previous. RS. | 1934–1935. RS. | Total. RS. | Cost of construction as now estimated. RS. | Expenditure against closed estimate. |
|---|---|---|---|---|---|
| II. ESTABLISHMENT (*a*)—*cont.* | | | | | |
| Non-voted— | | | | | |
| English cost of establishment —Par value .. .. | 2,58,521 | 26,537 | 2,85,058 | .. | .. |
| Loss or gain by exchange .. | 8,934 | — 102 | 8,832 | .. | .. |
| *Deduct*—Recoveries .. .. | 2,14,727 | 20,154 | 2,34,881 | .. | .. |
| *Add*—Amount debited by transferred establishment .. .. | 3,590 | .. | 3,590 | .. | .. |
| *Add*—Pensionary charges .. | 5,01,133 | 33,779 | 5,34,912 | .. | .. |
| Net total, Establishment (*a*) .. | 54,06,866 | 4,13,630 | 58,20,496 | 58,75,000 | .. |
| III. TOOLS AND PLANT— | | | | | |
| New supplies— | | | | | |
| Scientific instruments and drawing materials .. .. | 64,658 | 145 | 64,803 | .. | .. |
| Tools .. .. | 1,18,435 | 1,724 | 1,20,159 | .. | .. |
| Office furniture .. | 43,796 | 91 | 43,887 | .. | .. |
| Navigation plant .. | 1,285 | .. | 1,285 | .. | .. |
| Camp equipage .. | 29,586 | .. | 29,586 | .. | .. |
| Repairs and carriage. | 33,674 | 3,955 | 37,629 | .. | .. |
| Total, Tools and Plant .. | 2,91,434 | 5,915 | 2,97,439 | .. | .. |
| *Deduct*—Charges debited to other heads of account .. | .. | .. | .. | .. | .. |
| *Add*—Amount debited by Transferred establishment .. | — 18 | .. | — 18 | .. | .. |
| Net Total, Tools and Plant. | 2,91,416 | 5,915 | 2,97,331 | 3,00,000 | .. |
| IV. SUSPENSE .. .. .. | 4,22,675 | — 32,684 | 3,89,991 | 90,000 | .. |
| Grand Total .. | 6,45,06,069 | 15,80,046 | 6,60,86,115 | 6,76,20,000 | .. |
| V. *Less*—RECEIPTS ON CAPITAL ACCOUNT .. .. .. | 10,08,036 | 1,41,921 | 11,49,957 | 8,50,000 | .. |
| Total outlay in India and England. | 6,34,98,033 | 14,38,125 | 6,49,36,158 | 6,67,70,000 | .. |
| *Add*—Loss or gain by exchange. | 1,45,040 | — 125 | 1,44,915 | .. | .. |
| *Deduct*—Establishment charges incurred in England .. | 2,52,767 | 26,435 | 2,79,202 | .. | .. |
| *Deduct*—English cost of land acquisition establishment charged to works .. .. | 20,445 | 11,355 | 31,800 | .. | .. |
| *Deduct*—English cost of stores. | 51,66,454 | 3,110 | 51,69,564 | .. | .. |
| Net outlay in India .. | 5,82,03,407 | 13,97,100 | 5,96,00,507 | .. | .. |
| Chargeable to 55. A.—Irrigation Works—Productive .. | 6,34,98,033 | 14,38,125 | 6,49,36,158 | 6,67,70,000 | .. |

## CAUVERY-METTUR RESERVOIR PROJECT—*Canal Project*—cont.

### No. 3.—Revenue Account for and to end of 1934–1935.

| Receipts. | Total. Previous. | Total. 1934–1935. | Total. Total. |
|---|---|---|---|
| | RS. | RS. | RS. |
| I. DIRECT RECEIPTS— | | | |
| 3. Sales of water .. .. .. | .. | 56 | 56 |
| 5. Receipts from plantations .. | 1,122 | 1,264 | 2,386 |
| 6. Receipts from other canal produce .. .. .. | 25 | 130 | 155 |
| 8. Navigation .. .. .. | .. | 5 | 5 |
| 9. Rents of buildings .. .. | 103 | 11,700 | 11,803 |
| 10. Fines .. .. .. | 19 | 6 | 25 |
| 11. Miscellaneous .. .. .. | 68 | 1,409 | 1,477 |
| Recoveries of expenditure. | 13 | 510 | 523 |
| *Deduct*—Refunds .. | .. | 10 | 10 |
| Total, Revenue realized in Public Works Department .. .. | 1,350 | 15,070 | 16,420 |
| Irrigation revenue realized in Civil Department .. .. | 1,49,033 | 8,55,413 | 10,04,446 |
| Total, Direct Receipts .. | 1,50,383 | 8,70,483 | 10,20,866 |
| II. INDIRECT RECEIPTS— | | | |
| Share of land revenue collected in the Civil Department .. | .. | .. | .. |
| Total, Public Works and Civil Departments, Revenue .. | 1,50,383 | 8,70,483 | 10,20,866 |

| Charges. | Total. Previous. | Total. 1934–1935. | Total. Total. |
|---|---|---|---|
| | RS. | RS. | RS. |
| I. EXTENSIONS AND IMPROVEMENTS— | | | |
| (1) Head works .. .. .. | .. | 415 | 415 |
| (2) Main canals and branches .. .. | 505 | 42,109 | 42,614 |
| (3) Distributaries .. .. .. | .. | 29 | 29 |
| Total .. | 505 | 42,553 | 43,058 |
| II. MAINTENANCE AND REPAIRS— | | | |
| (1) Head works .. .. .. | .. | 45,119 | 45,119 |
| (2) Main canals and branches .. | 34,411 | 59,464 | 93,875 |
| (3) Distributaries .. .. | 15,848 | 29,366 | 45,214 |
| (4) Drainage and protection works. | .. | 1,041 | 1,041 |
| Total .. | 50,259 | 1,34,990 | 1,85,249 |
| III. COMPENSATION .. .. .. .. | .. | .. | .. |
| Total, Extensions and Improvements and Maintenance and Repairs .. | 50,764 | 1,77,543 | 2,28,307 |
| IV. ESTABLISHMENT .. .. .. | 18,734 | 49,947 | 68,681 |
| V. TOOLS AND PLANT .. .. .. | 261 | 451 | 712 |
| Total, Direct Charges .. | 69,759 | 2,27,941 | 2,97,700 |
| Share of collection charges in the Civil Department .. .. .. | 7,452 | 42,771 | 50,223 |
| Indirect charges .. .. .. .. | 483 | 1,776 | 2,259 |
| Total, Direct and Indirect Charges. | 77,694 | 2,72,488 | 3,50,182 |
| Balance net revenue .. | 72,689 | 5,97,995 | 6,70,684 |
| Total .. | 1,50,383 | 8,70,483 | 10,20,866 |

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



## ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1934–1935.

## CAUVERY-METTUR RESERVOIR PROJECT—*Canal Project*—cont.

### No. 4.—Interest Account for and to end of 1934–1935.

| | | Amount. | | Amount. |
|---|---|---|---|---|
| | | RS. | | RS. |
| Total interest charges to end of 1933–1934 .. .. .. | | 1,46,02,749 | Net revenue realized to end of 1933–1934 .. .. .. | 72,689 |
| Total interest charges for the year 1934–1935 .. .. .. | | 32,87,590 | Net revenue realized during 1934–1935 .. .. .. | 5,97,995 |
| | | | Balance, net interest charges .. | 1,72,19,655 |
| Interest at 5·12 per cent on the outlay of Rs. 6,42,17,095 from 1925–1926 to end of 1933–1934 + half the outlay during 1934–1935 (first outlay was in 1925–1926) .. | RS. 32,87,915 | | | |
| *Deduct* interest on capital recovered for private jobs executed in workshops. | 325 | | | |
| | 32,87,590 | | | |
| Total .. | | 1,78,90,339 | Total .. | 1,78,90,339 |

### No. 5.—Account of Indirect Charges for and to end of 1934–1935.

| Particulars. | Previous. | 1934–1935. | Total. |
|---|---|---|---|
| | RS. | RS. | RS. |
| CAPITAL— | | | |
| Capitalization of abatement of land revenue .. | 4,42,747 | .. | 4,42,747 |
| Leave and pension allowances .. .. .. | 23,617 | .. | 23,617 |
| Audit and accounts .. .. .. .. .. | 5,45,582 | 21,302* | 5,66,884 |
| Total .. | 10,11,946 | 21,302 | 10,33,248 |
| REVENUE— | | | |
| Capitalization of abatement of land revenue .. | Nil. | .. | .. |
| Leave and pension allowances .. .. .. | .. | .. | .. |
| Audit and accounts .. .. .. .. .. | 483 | 1,776 | 2,259 |
| Total .. | 483 | 1,776 | 2,259 |
| Grand Total .. | 10,12,429 | 23,078 | 10,35,507 |

* Includes also actual audit charges incurred during a portion of the year 1934–35.

## CAUVERY-METTUR RESERVOIR PROJECT—*Canal Project*—cont.

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

| Particulars. | Charges against closed sanctions. | | | Current sanctions. | | | | | Remarks. | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Expenditure against construction estimate. | Expenditure against open canal sanction. | Total. | Charges to date. | Amount of sanctioned estimate. | Unspent balance of estimate. | Total charges to date against old and current sanctions. | G.O. No. and date. | Amount of estimate. |
| | | | | RS. | RS. | RS. | | | RS. |
| *Direct Charges.* | | | | | | | | *Direct Charges.* | |
| Works .. .. | .. | .. | .. | 5,95,78,297 | 6,13,55,000 | 17,76,703 | .. | Revised estimate, works, 1652-3 I., 6th July 1928; Press 1788 I., 15th June 1929; Ms. 3, Finance, 2nd January 1930, Ms. 84, 4th February 1931, Chief Engineer for Irrigation's No. 142-6/418, 25th May 1933 and G.O. Ms. 533, Finance, 25th July 1933 .. | 6,67,70,000 |
| Establishment .. .. | .. | .. | .. | 58,20,496 | 58,75,000 | 54,504 | .. | | |
| Tools and plant .. .. | .. | .. | .. | 2,97,331 | 3,00,000 | 2,669 | .. | | |
| Suspense account .. .. | .. | .. | .. | 3,89,991 | 90,000 | — 2,99,991 | .. | | |
| Total .. | .. | .. | .. | 6,60,86,115 | 6,76,20,000 | 15,33,885 | .. | | |
| *Less*—Receipts on Capital Account .. | .. | .. | .. | 11,49,957 | 8,50,000 | — 2,99,957 | .. | | |
| Total outlay in India and England .. | .. | .. | .. | 6,49,36,158 | 6,67,70,000 | 18,33,842 | .. | | |
| *Add*—Loss or gain by exchange .. .. | .. | .. | .. | 1,44,915 | .. | — 1,44,915 | .. | | |
| *Deduct*—English cost of stores and establishment .. .. | .. | .. | .. | 54,80,566 | .. | — 54,80,566 | .. | | |
| Net outlay in India .. | .. | .. | .. | 5,96,00,507 | 6,67,70,000 | 71,69,493 | .. | | |
| *Indirect Charges.* | | | | | | | | *Indirect Charges.* | |
| Capitalization of abatement of land revenue. | .. | .. | .. | 4,42,747 | 4,89,000 | 46,253 | .. | Do. | 11,30,000 |
| Leave and pension allowances .. .. | .. | .. | .. | 23,617 | 25,000 | 1,383 | .. | | |
| Audit and accounts .. | .. | .. | .. | 5,66,884 | 6,16,000 | 49,116 | .. | | |
| Total .. | .. | .. | .. | 10,33,248 | 11,30,000 | 96,752 | .. | | |
| Grand total outlay in India and England. | .. | .. | .. | 6,59,69,406 | 6,79,00,000 | 19,30,594 | .. | | |
| Net outlay in India .. | .. | .. | .. | 6,06,33,755 | 6,79,00,000 | 72,66,245 | .. | | |



## KATTALAI ANICUT SCHEME—*Canal Project.*

### No. 2.—Capital Account for and to end of 1934–1935.

| Heads of account. | Direct Charges. Previous. | 1934–1935. | Total. | Cost of construction as now estimated. | Expenditure against closed estimate. |
|---|---|---|---|---|---|
| | RS. | RS. | RS. | RS. | |
| I. WORKS— | | | | | |
| (1) *Head Works*— | | | | | |
| B. Land .. .. | 257 | .. | 257 | .. | .. |
| C. Works .. .. | 5,94,131 | — 3,063 | 5,91,068 | 5,14,349 | .. |
| K. Buildings .. .. | 2,135 | 375 | 2,510 | 10,000 | .. |
| O. Miscellaneous .. | 194 | 12,198 | 12,392 | 1,18,651 | .. |
| Unforeseen works .. | .. | .. | .. | 37,000 | .. |
| P. Maintenance .. | 3,599 | 15,215 | 18,814 | .. | .. |
| Total, Head works .. | 6,00,316 | 24,725 | 6,25,041 | 6,80,000 | .. |
| (2) *Main Canals and Branches*— | | | | | |
| M. Plantations .. | 543 | — 543 | .. | 11,000 | .. |
| N. Tank .. .. | .. | .. | .. | 46,600 | .. |
| A. Preliminary expenses .. .. | 11,536 | 340 | 11,876 | 10,000 | .. |
| B. Land .. .. | 4,30,694 | 88,003 | 5,18,697 | 2,90,360 | .. |
| C. Works .. .. | 25,043 | 15,922 | 40,965 | 53,530 | .. |
| D. Regulators .. | 87,729 | 4,765 | 92,494 | 24,480 | .. |
| E. Falls and weirs .. | 22,229 | 620 | 22,849 | 6,990 | .. |
| F. Other cross drainage works .. | 2,27,332 | 69,150 | 2,96,482 | 3,27,890 | .. |
| F. (1) Other cross and drainage works .. | 1,655 | 1,662 | 3,317 | 3,470 | .. |
| G. Bridges .. .. | 2,09,997 | 46,514 | 2,56,511 | 1,60,215 | .. |
| H. Escapes .. .. | 40,913 | .. | 40,913 | .. | .. |
| K. Buildings .. | 20,749 | 5,521 | 26,270 | 36,000 | .. |
| L. Earthwork .. | 9,35,387 | 1,68,741 | 11,04,128 | 7,80,450 | .. |
| O. Miscellaneous .. | 13,893 | 3,609 | 17,502 | 56,890 | .. |
| P. Maintenance .. | 40,446 | 2,968 | 43,414 | 3,700 | .. |
| Unforeseen works .. | .. | .. | .. | 92,425 | .. |
| Total, Main Canals .. | 20,68,146 | 4,07,272 | 24,75,418 | 19,04,000 | .. |
| (3) *Distributaries*— | | | | | |
| B. Land .. .. | 1,409 | 1,047 | 2,456 | 43,851 | .. |
| C. Works .. .. | .. | 2,278 | 2,278 | 23,304 | .. |
| E. Falls and weirs .. | .. | 2,182 | 2,182 | 27,182 | .. |
| L. Earthwork .. | 625 | 6,707 | 7,332 | 60,079 | .. |
| O. Miscellaneous .. | .. | 2,384 | 2,384 | 11,584 | .. |
| Total .. | 2,034 | 14,598 | 16,632 | 1,66,000 | .. |
| (6) *Special Tools and Plant* .. | 56,202 | — 6,440 | 49,762 | 92,000 | .. |
| Total, Works .. | 27,26,698 | 4,40,155 | 31,66,853 | 28,42,000 | .. |
| II. ESTABLISHMENT— | | | | | |
| Non-voted— | | | | | |
| Pay of officers .. | 33,843 | 8,421 | 42,264 | .. | .. |
| Passage pay .. | 476 | .. | 476 | .. | .. |
| Travelling allowance .. .. | 5,030 | 1,503 | 6,533 | .. | .. |
| Voted— | | | | | |
| Pay of officers .. | 36,383 | 11,021 | 47,404 | .. | .. |
| Pay of establishment. | 81,263 | 24,558 | 1,05,821 | .. | .. |
| Travelling allowance. | 17,769 | | | | |
| Fixed travelling allowance .. | 839 | 8,994 | 36,003 | .. | .. |
| Other compensatory allowance .. .. | 341 | | | | |
| Non-contract contingencies —Miscellaneous .. .. | 8,060 | | | | |
| Total, Establishment .. | 1,84,004 | 54,497 | 2,38,501 | 4,09,585 | .. |

## KATTALAI ANICUT SCHEME—*Canal Project*—cont.

### No. 2.—Capital Account for and to end of 1934–1935—*cont.*

| Heads of account. | Direct Charges. Previous. | 1934–1935. | Total. | Cost of construction as now estimated. | Expenditure against closed estimate. |
|---|---|---|---|---|---|
| | RS. | RS. | RS. | RS. | |
| II. ESTABLISHMENT—*cont.* | | | | | |
| English cost of establishment—Par value .. .. .. | 10,955 | 7,723 | 18,678 | .. | .. |
| Loss or gain by exchange .. | 1,269 | — 7 | 1,262 | .. | .. |
| *Add*—Pensionary charges on special establishment .. | 13,054 | 6,533 | 19,587 | .. | .. |
| *Add*—Supervision charges on special establishment .. | 5,358 | 8,800 | 14,158 | .. | .. |
| *Add*—Amount debited by Transferred establishment .. | 79,974 | .. | 79,974 | .. | .. |
| Grand total, Establishment. | 2,94,614 | 77,546 | 3,72,160 | 4,09,585 | .. |
| III. TOOLS AND PLANT— | | | | | |
| New supplies— | | | | | |
| Scientific instruments and drawing materials .. .. | 6,442 | — 3 | 6,439 | .. | .. |
| Plant and machinery | 3,306 | .. | 3,306 | .. | .. |
| Tools .. .. | 32,578 | — 6 | 32,572 | .. | .. |
| Office furniture .. | 2,492 | 18 | 2,510 | .. | .. |
| Repairs and carriage. | 7,916 | 283 | 8,199 | .. | .. |
| Total, Tools and Plant .. | 52,734 | 292 | 53,026 | 56,840 | .. |
| *Add*—Amount debited by Transferred .. .. .. | — 343 | .. | — 343 | .. | .. |
| Net total, Tools and Plant .. | 52,391 | 292 | 52,683 | 56,840 | .. |
| IV. SUSPENSE .. .. .. | 1,694 | — 103 | 1,591 | .. | .. |
| V. *Less*—RECEIPTS ON CAPITAL ACCOUNT .. .. .. | 7,626 | 1,440 | 9,066 | .. | .. |
| Net total outlay in India and England .. .. .. | 30,67,771 | 5,16,450 | 35,84,221 | 33,08,425 | .. |
| *Add*—Loss or gain by exchange. | 1,269 | — 7 | 1,262 | .. | .. |
| *Deduct*—Establishment charges incurred in England .. | 13,682 | 7,716 | 21,398 | .. | .. |
| Net outlay in India .. | 30,55,358 | 5,08,727 | 35,64,085 | 33,08,425 | .. |
| Chargeable to 55-A. Irrigation Works—Productive .. .. | 30,67,771 | 5,16,450 | 35,84,221 | .. | .. |



## KATTALAI ANICUT SCHEME—*Canal Project*—cont.

### No. 3.—Revenue Account for and to end of 1934–1935.

| Receipts. | Previous. | 1934–1935. | Total. |
|---|---|---|---|
| | RS. | RS. | RS. |
| I. DIRECT RECEIPTS— | | | |
| Sales of water .. .. .. | 132 | 50 | 182 |
| 5. Receipts from plantations .. | 14,086 | 1,694 | 15,780 |
| 6. Receipts from other canal produce .. .. .. | 1,951 | 533 | 2,484 |
| 8. Navigation receipts .. .. | 88 | 40 | 128 |
| 9. Rents of Buildings .. .. | 640 | 238 | 878 |
| 10. Fines .. .. .. .. | .. | .. | .. |
| 11. Miscellaneous .. .. | 98 | 9 | 107 |
| Recoveries of expenditure .. | 856 | 17 | 873 |
| *Deduct*—Refunds .. .. | 553 | 100 | 653 |
| Total revenue realized in the Public Works Department .. | 17,298 | 2,481 | 19,779 |
| Irrigation revenue realized in Civil Department .. .. .. .. | 1,13,449 | 62,237 | 1,75,686 |
| Total, Direct Receipts .. | 1,30,747 | 64,718 | 1,95,465 |
| II. INDIRECT RECEIPTS— | | | |
| Share of land revenue collected in the Civil Department .. | 251 | 121 | 372 |
| Total, Public Works and Civil Departments Revenue .. | 1,30,998 | 64,839 | 1,95,837 |
| Net deficit, if any .. .. | 2,08,146 | — 41,742 | 1,66,404 |
| Grand Total .. | 3,39,144 | 23,097 | 3,62,241 |

* DIRECT—

| | RS. |
|---|---|
| Maintenance and repairs .. .. .. | 48,500 |
| Establishment .. .. .. .. | 16,159 |
| Tools and plant .. .. .. .. | 172 |
| INDIRECT .. .. .. .. | 485 |
| Total .. .. .. .. | 65,316 |

| Charges. | Previous. | 1934–1935. | Total. |
|---|---|---|---|
| | RS. | RS. | RS. |
| I. EXTENSIONS AND IMPROVEMENTS— | | | |
| (1) Head works .. .. .. | .. | — 787 | — 787 |
| (2) Main canals and branches .. | 23,010 | 16,977 | 39,987 |
| (3) Distributaries .. .. .. | .. | .. | .. |
| (4) Drainage and protective works | .. | .. | .. |
| (5) Special tools and plant .. | .. | .. | .. |
| Total .. | 23,010 | 16,190 | 39,200 |
| II. MAINTENANCE AND REPAIRS— | | | |
| (1) Head works .. .. | 27,892 | 21 | 27,913 |
| (2) Main canals and branches .. | 3,32,771 | 45,798 | 3,78,569 |
| (3) Distributaries .. .. | 858 | 534 | 1,392 |
| (4) Drainage and protective works | .. | .. | .. |
| (5) Special tools and plant .. | .. | .. | .. |
| *Add*—Unclassifiable outlay .. | .. | .. | .. |
| Total .. | 3,61,521 | 46,353 | 4,07,874 |
| Total, Extensions and Improvements and Maintenance and Repairs .. | 3,84,531 | 62,543 | 4,47,074 |
| IV. ESTABLISHMENT .. .. .. | 1,48,060 | 21,910 | 1,69,970 |
| V. TOOLS AND PLANT .. .. .. | 1,202 | 222 | 1,424 |
| VI. REFUNDS OF REVENUE .. .. | .. | .. | .. |
| Total, Direct Charges .. .. | 5,33,793 | 84,675 | 6,18,468 |
| Share of collection charges in the Civil Department .. .. .. | 5,676 | 3,113 | 8,789 |
| Indirect charges .. .. .. | 3,848 | 625 | 4,473 |
| Total, Direct and Indirect Charges .. | 5,43,517 | 88,413 | 6,31,730 |
| *Deduct*—Old maintenance charges saved to Government* .. .. .. | 2,04,173 | 65,316 | 2,69,489 |
| Net Total .. | 3,39,144 | 23,097 | 3,62,241 |

KATTALAI ANICUT SCHEME—*Canal Project*—cont.

## No. 4.—Interest Account for and to end of 1934–1935.

| | Amount. | | Amount. |
|---|---|---|---|
| | RS. | | RS. |
| Total interest charges to end of 1933–1934 .. .. .. | 5,80,685 | Net revenue realized to end of 1933–1934 .. .. .. | — 2,08,146 |
| Total interest charges for the year 1934–1935 .. .. .. | * 1,70,291 | Net revenue realized during 1934–1935 .. .. .. | + 41,742 |
| | | Balance, net interest charges .. | 9,17,380 |
| Total .. | 7,50,976 | Total .. | 7,50,976 |

* Interest at 5·12 per cent on the outlay of Rs. 33,25,995 from 1925–1926 (the first outlay being in 1925–1926) to end of 1933–1934 plus half of the outlay during 1934–1935 .. 1,70,291

## No. 5.—Account of Indirect Charges for and to end of 1934–1935.

| Particulars. | Previous. | 1934–1935. | Total. |
|---|---|---|---|
| | RS. | RS. | RS. |
| CAPITAL— | | | |
| Capitalization of abatement of land revenue .. | 34,557 | 10,920 | 45,477 |
| Leave and pension allowances .. .. .. | 7,233 | .. | 7,233 |
| Audit and accounts .. .. .. .. .. | 27,269 | 4,401 | 31,670 |
| Total .. | 69,059 | 15,321 | 84,380 |
| REVENUE— | | | |
| Capitalization of abatement of land revenue .. | 1 | .. | 1 |
| Leave and pension allowances .. .. .. | .. | .. | .. |
| Audit and accounts .. .. .. .. .. | 3,847 | 625 | 4,472 |
| Total .. | 3,848 | 625 | 4,473 |
| Grand Total .. | 72,907 | 15,946 | 88,853 |



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. | Remarks. | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Expenditure against construction estimate. | Expenditure against open canal sanction. | Total. | Charges to date. | Amount of sanctioned estimate. | Unspent balance of estimate. | | | G.O. No. and date. | Amount of estimate. |
| | | | | RS. | RS. | RS. | | | | RS. |
| *Direct Charges.* | | | | | | | | | | |
| Works .. .. | .. | .. | .. | 31,66,853 | 28,42,000 | — 3,24,853 | .. | .. | | |
| Establishment .. .. | .. | .. | .. | 3,72,160 | 4,09,585 | 37,425 | .. | .. | 3545 I., 16th December 1930, and Irrigation Chief Engineer's No. 68 of 1930–31 .. | 3,62,000 |
| Tools and plant .. .. | .. | .. | .. | 52,683 | 56,840 | 4,157 | .. | .. | | |
| Suspense account .. .. | .. | .. | .. | 1,591 | .. | — 1,591 | .. | .. | | |
| Total .. | .. | .. | .. | 35,93,287 | 33,08,425 | — 2,84,862 | .. | .. | | |
| *Less*—Receipt on Capital account .. | .. | .. | .. | 9,066 | .. | — 9,066 | .. | .. | | |
| Net total outlay in India and England. | .. | .. | .. | 35,84,221 | 33,08,425 | — 2,75,796 | .. | .. | | |
| *Add*—Loss or gain by exchange .. .. | .. | .. | .. | 1,262 | .. | — 1,262 | .. | .. | 96 I., dated 12th January 1931 .. .. | 7,30,000 |
| *Deduct*—Establishment charges incurred in England .. .. | .. | .. | .. | 21,398 | .. | — 21,398 | .. | .. | | |
| Net outlay in India .. | .. | .. | .. | 35,64,085 | 33,08,425 | — 2,55,660 | .. | .. | | |
| *Indirect Charges.* | | | | | | | | | | |
| Capitalized abatement of land revenue .. | .. | .. | .. | 45,477 | 30,381 | — 15,096 | .. | .. | 96 I., dated 12th January 1931 .. .. | 17,50,000 |
| Leave and pension allowances .. .. | .. | .. | .. | 7,233 | .. | — 7,233 | .. | .. | | |
| Audit and accounts .. | .. | .. | .. | 31,670 | 28,420 | — 3,250 | .. | .. | | |
| Total .. | .. | .. | .. | 84,380 | 58,801 | — 25,579 | .. | .. | | |
| Grand total outlay in India and England .. .. | | .. | .. | 36,68,601 | 33,67,226 | — 3,01,375 | .. | .. | | |
| Net total outlay in India .. .. | .. | .. | .. | 36,48,465 | 33,67,226 | — 2,81,239 | .. | .. | | 28,42,000 |

## KURNOOL-CUDDAPAH CANAL—*Canal Project.*

### No. 2.—Capital Account for and to end of 1934–1935.

| Heads of account. | Direct Charges. Previous. | 1934–1935. | Total. | Cost of construction as now estimated (construction estimate closed). | Expenditure against closed estimate. |
|---|---|---|---|---|---|
| | RS. | | RS. | RS. | RS. |
| I. WORKS— | | | | | |
| (1) *Head Works*— | | | | | |
| Purchase value .. | 1,77,82,139 | .. | 1,77,82,139 | 1,77,82,139 | 1,77,82,139 |
| B. Land .. .. | 661 | .. | 661 | 661 | 661 |
| C. Works .. .. | 18,896 | .. | 18,896 | 18,896 | 18,896 |
| K. Buildings .. .. | 3,700 | .. | 3,700 | 3,700 | 3,700 |
| L. Earthwork .. | 352 | .. | 352 | 352 | 352 |
| O. Miscellaneous .. | 3,802 | .. | 3,802 | 3,802 | 3,802 |
| P. Maintenance .. | 200 | .. | 200 | 200 | 200 |
| Unforeseen works .. | .. | .. | .. | .. | .. |
| Total .. | 1,78,09,750 | .. | 1,78,09,750 | 1,78,09,750 | 1,78,09,750 |
| (2) *Main Canals and Branches*— | | | | | |
| A. Preliminary expenses .. .. | 2,341 | .. | 2,341 | 2,341 | 2,341 |
| B. Land .. .. | 28,556 | .. | 28,556 | 28,556 | 28,556 |
| D. Regulators .. | 72,321 | .. | 72,321 | 72,321 | 72,321 |
| E. Falls and weirs .. | 20,974 | .. | 20,974 | 20,974 | 20,974 |
| F. River and Hill torrent work .. | 4,304 | .. | 4,304 | 4,304 | 4,304 |
| F. (1) Other cross-drainage works. | 1,59,125 | .. | 1,59,125 | 1,59,125 | 1,59,125 |
| G. Bridges .. .. | 78,056 | .. | 78,056 | 78,056 | 78,056 |
| H. Escapes .. .. | 9,710 | .. | 9,710 | 9,710 | 9,710 |
| K. Buildings .. .. | 12,099 | .. | 12,099 | 12,099 | 12,099 |
| L. Earthwork .. | 2,14,172 | .. | 2,14,172 | 2,14,172 | 2,14,172 |
| M. Plantation .. | .. | .. | .. | .. | .. |
| N. Tanks and reservoirs .. .. | 1,076 | .. | 1,076 | 1,076 | 1,076 |
| O. Miscellaneous .. | 33,662 | .. | 33,662 | 33,662 | 33,662 |
| P. Maintenance .. | 4,250 | .. | 4,250 | 4,250 | 4,250 |
| Total .. | 6,40,646 | .. | 6,40,646 | 6,40,646 | 6,40,646 |
| (3) *Distributaries*— | | | | | |
| A. Preliminary expenses .. .. | 205 | .. | 205 | 205 | 205 |
| B. Land .. .. | 39,669 | .. | 39,669 | 39,669 | 39,669 |
| C. Works .. .. | 3,58,593 | .. | 3,58,593 | 3,58,593 | 3,58,593 |
| F. (1) Other cross-drainage works. | 1,024 | .. | 1,024 | 1,024 | 1,024 |
| L. Earthwork .. | 2,31,926 | .. | 2,31,926 | 2,31,926 | 2,31,926 |
| D. Miscellaneous .. | 10,655 | .. | 10,655 | 10,655 | 10,655 |
| P. Maintenance .. | 856 | .. | 856 | 856 | 856 |
| Unforeseen works .. | 25 | .. | 25 | 25 | 25 |
| Total .. | 6,42,953 | .. | 6,42,953 | 6,42,953 | 6,42,963 |
| (6) *Special tools and plant* .. | .. | .. | .. | .. | .. |
| Provision for unforeseen works.. | — 257 | .. | — 257 | — 257 | — 257 |
| Total, Works. | 1,90,93,092 | .. | 1,90,93,092 | 1,90,93,092 | 1,90,93,092 |



## KURNOOL-CUDDAPAH CANAL—*Canal Project*—cont.

### No. 2.—Capital Account for and to end of 1934–1935—*cont.*

| Heads of account. | Direct Charges. Previous. | 1934–1935. | Total | Cost of construction as now estimated (construction estimate closed). | Expenditure against closed estimate. |
|---|---|---|---|---|---|
| | RS. | | RS. | RS. | RS. |
| II. ESTABLISHMENT .. .. | 3,80,864 | .. | 3,80,864 | 3,80,864 | 3,80,864 |
| III. TOOLS AND PLANT .. .. | 3,085 | .. | 3,085 | 3,085 | 3,085 |
| Loss by exchange .. | 40,80,918 | .. | 40,80,918 | 40,80,918 | 40,80,918 |
| Grand Total .. | 2,35,57,959 | .. | 2,35,57,959 | 2,35,57,959 | 2,35,57,959 |
| V. *Less*—RECEIPTS ON CAPITAL ACCOUNT .. .. | 2,44,283 | .. | 2,44,283 | 2,44,283 | 2,44,283 |
| Net Total .. | 2,33,13,676 | .. | 2,33,13,676 | 2,33,13,676 | 2,33,13,676 |
| *Apportionment*— | | | | | |
| Chargeable to "49. Irrigation" .. .. .. | 2,18,73,121 | .. | 2,18,73,121 | .. | .. |
| Chargeable to "43. Minor Works and Navigation"— | | | | | |
| Imperial .. .. .. | .. | .. | .. | .. | .. |
| Provincial .. .. | 13,84,414 | .. | 13,84,414 | .. | .. |
| Chargeable to "33. Famine Relief"— | | | | | |
| Imperial .. .. .. | 37,723 | .. | 37,723 | .. | .. |
| Provincial .. .. | — 301 | .. | — 301 | .. | .. |
| Chargeable to "55-A. Irrigation—2. Unproductive." | 18,719 | .. | 18,719 | .. | .. |
| Total .. | 2,33,13,676 | .. | 2,33,13,676 | .. | .. |

## KURNOOL-CUDDAPAH CANAL—*Canal Project*—cont.

### No. 3.—Revenue Account for and to end of 1934–1935.

| Receipts. | Total. Previous. | 1934–1935. | Total. |
|---|---|---|---|
| | RS. | RS. | RS. |
| **I. DIRECT RECEIPTS—** | | | |
| 1. Water-rates from irrigation. | 35,98,514 | .. | 35,98,514 |
| 3. Sale of water.. .. .. | 5,677 | 1,004 | 6,681 |
| 4. Water-supply of towns .. | 75,544 | 700 | 76,244 |
| 5. Receipts from plantations .. | 24,278 | .. | 24,278 |
| 6. Receipts from other canal produce .. .. .. | 2,41,383 | 4,858 | 2,46,241 |
| 8. Navigation receipts .. | 89,526 | 163 | 89,689 |
| 9. Rents of buildings .. .. | 46,485 | 1,423 | 47,908 |
| 10. Fines .. .. .. .. | 100 | 50 | 150 |
| 11. Miscellaneous .. .. | 1,09,846 | 304 | 1,10,150 |
| Recoveries of expenditure .. | 3,498 | 471 | 3,969 |
| *Deduct*—Refunds .. .. | 2,072 | 110 | 2,182 |
| Total revenue realized in Public Works Department .. .. | 41,92,779 | 8,863 | 42,01,642 |
| Irrigation revenue realized in Civil Department .. .. .. | 73,08,891 | 3,28,814 | 76,37,705 |
| Total, Direct Receipts .. .. | 1,15,01,670 | 3,37,677 | 1,18,39,347 |
| **II. INDIRECT RECEIPTS—** | | | |
| Share of land revenue collected in the Civil Department .. .. | 49,633 | 2,869 | 52,502 |
| Total, Public Works and Civil Departments, Revenue .. | 1,15,51,303 | 3,40,546 | 1,18,91,849 |
| Total, Receipts .. .. | 1,15,51,303 | 3,40,546 | 1,18,91,849 |

| Charges. | Total. Previous. | 1934–1935. | Total. |
|---|---|---|---|
| | RS. | RS. | RS. |
| I. EXTENSIONS AND IMPROVEMENTS— | | | |
| (1) Head works .. .. .. .. | 1,55,626 | 12 | 1,55,638 |
| (2) Main canals and branches .. .. | 4,18,885 | 5,641 | 4,24,526 |
| (3) Distributaries .. .. .. .. | 79,652 | 15 | 79,667 |
| (4) Drainage and protective works .. | 13,251 | .. | 13,251 |
| (5) Special tools and plant .. .. | —168 | .. | — 168 |
| *Add*—Unclassifiable outlay .. .. | 565 | .. | 565 |
| Total .. | 6,67,811 | 5,668 | 6,73,479 |
| II. MAINTENANCE AND REPAIRS— | | | |
| (1) Head works .. .. .. .. | 2,44,491 | 2,991 | 2,47,482 |
| (2) Main canals and branches .. .. | 35,51,664 | 66,251 | 36,17,915 |
| (3) Distributaries .. .. .. .. | 5,15,772 | 19,906 | 5,35,678 |
| (4) Drainage and protective works .. | 20,108 | .. | 20,108 |
| (5) Special tools and plant .. .. | 5,891 | .. | 5,891 |
| *Add*—Unclassifiable outlay .. .. | 11,150 | .. | 11,150 |
| Total .. | 43,49,076 | 89,148 | 44,38,224 |
| Total, Extensions and Improvements and Maintenance and Repairs .. .. | 50,16,887 | 94,816 | 51,11,703 |
| IV. ESTABLISHMENT .. .. .. | 19,03,502 | 27,929 | 19,31,431 |
| V. TOOLS AND PLANT .. .. .. | 1,15,448 | 148 | 1,15,596 |
| VI. REFUNDS OF REVENUE .. .. | 14,592 | .. | 14,592 |
| *Deduct*—Recoveries on Revenue Account .. | 196 | .. | 196 |
| Total, Direct Charges .. .. | 70,50,233 | 1,22,893 | 71,73,126 |
| Share of collection charges in the Civil Department .. .. .. .. | 3,77,658 | 16,566 | 3,94,224 |
| Indirect Charges .. .. .. .. | 2,49,629 | 948 | 2,50,577 |
| Total, Direct and Indirect Charges .. | 76,77,520 | 1,40,407 | 78,17,927 |
| *Deduct*—Old maintenance charges saved to Government * .. .. .. .. | 78,337 | 3,621 | 81,958 |
| Net Total .. | 75,99,183 | 1,36,786 | 77,35,969 |
| Balance, net revenue .. .. .. | 39,52,120 | 2,03,760 | 41,55,880 |
| Grand Total .. | 1,15,51,303 | 3,40,546 | 1,18,91,849 |

| * Direct— | RS. |
|---|---|
| Extensions and improvements .. .. .. .. .. .. .. .. .. | 232 |
| Maintenance and repairs .. .. .. .. .. .. .. .. .. | 2,757 |
| Establishment .. .. .. .. .. .. .. .. .. .. .. | 597 |
| Tools and plant .. .. .. .. .. .. .. .. .. .. .. | 5 |
| Total, Direct .. | 3,591 |
| Indirect .. .. .. .. .. .. .. .. .. .. .. | 30 |
| Total, Direct and Indirect .. | 3,621 |

## KURNOOL-CUDDAPAH CANAL—*Canal Project*—cont.

### No. 4.—Interest Account for and to end of 1934–1935.

| | RS. | Amount. RS. |
|---|---|---|
| Total interest charges to end of 1933–1934 .. .. .. | | 4,23,42,302 |
| Total interest charges for the year 1934–1935— | | |
| Interest at 3·3252 per cent on the outlay to end of 1916–1917 .. | 7,60,421 | |
| Interest at 5·12 per cent on the outlay of Rupees 4,45,258 from 1917–1918 to end of 1933–1934 plus half the outlay during 1934–1935 .. | 22,797 | 7,83,218 |
| Total .. | | 4,31,25,520 |

| | Amount. RS. |
|---|---|
| Net revenue realized to end of 1933–1934 .. .. .. | 39,52,120 |
| Net revenue realized during 1934–1935 .. .. .. | 2,03,760 |
| Balance, net interest charges .. | 3,89,69,640 |
| Total .. | 4,31,25,520 |

### No. 5.—Account of Indirect Charges for and to end of 1934–1935.

| Particulars. | Previous. RS. | 1934–1935. RS. | Total. RS. |
|---|---|---|---|
| CATPIAL— | | | |
| Capitalization of abatement of land revenue .. | 19,983 | .. | 19,983 |
| Leave and pension allowances .. .. .. | 53,274 | .. | 53,274 |
| Audit and accounts .. .. .. .. .. | 181 | .. | 181 |
| Total .. | 73,438 | .. | 73,438 |
| REVENUE— | | | |
| Capitalization of abatement of land revenue .. | 5,939 | .. | 5,939 |
| Leave and pension allowances .. .. .. | 2,30,069 | .. | 2,30,069 |
| Audit and accounts .. .. .. .. .. | 13,621 | 948 | 14,569 |
| Total .. | 2,49,629 | 948 | 2,50,577 |
| Grand Total .. | 3,23,067 | 948 | 3,24,015 |



## KURNOOL-CUDDAPAH CANAL—*Canal Project*—cont.

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

| Particulars. | CHARGES AGAINST CLOSED SANCTIONS. Expenditure against construction estimate. RS. | Expenditure against open canal sanctions. RS. | Total. RS. | CURRENT SANCTIONS. Charges to date. RS. | Amount of sanctioned estimate. RS. | Unspent balance of estimate. RS. | Total charges to date against old and current sanctions. RS. | REMARKS. G.O. No. and date. | Amount of estimate. |
|---|---|---|---|---|---|---|---|---|---|
| *Direct Charges.* | | | | | | | | | |
| 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 | | |

## BARUR TANK—*Tank Project.*

### No. 2.—Capital Account for and to end of 1934–1935.

| Heads of account. | Direct Charges. Previous. | 1934–1935. | Total. | Cost of construction as now estimated (construction estimate closed on 31st March 1891). | Expenditure against closed estimate. |
|---|---|---|---|---|---|
| | RS. | | RS. | RS. | RS. |
| I. WORKS— | | | | | |
| (1) *Head Works*— | | | | | |
| A. Preliminary expenses .. .. | 739 | .. | 739 | 739 | 739 |
| B. Land .. .. | 11,573 | .. | 11,573 | 11,573 | 11,573 |
| C. Works .. .. | 23,817 | .. | 23,817 | 23,817 | 23,817 |
| K. Buildings .. .. | 4,621 | .. | 4,621 | 4,621 | 4,621 |
| O. Miscellaneous .. | 4,568 | .. | 4,568 | 4,568 | 4,568 |
| P. Maintenance .. | 355 | .. | 355 | 355 | 355 |
| Total .. | 45,673 | .. | 45,673 | 45,673 | 45,673 |
| (2) *Main Canals and Branches*— | | | | | |
| B. Land .. .. | 296 | .. | 296 | 296 | 296 |
| C. Works .. .. | 2,323 | .. | 2,323 | 2,323 | 2,323 |
| D. Regulators .. | 24,620 | .. | 24,620 | 24,620 | 24,620 |
| E. Falls and Weirs .. | .. | .. | .. | .. | .. |
| F. (1) Other cross drainage works. | 4,053 | .. | 4,053 | 4,053 | 4,053 |
| G. Bridges .. .. | 5,270 | .. | 5,270 | 5,270 | 5,270 |
| L. Earthwork .. | 82,550 | .. | 82,550 | 82,550 | 82,550 |
| N. Tanks and reservoirs .. .. | 1,879 | .. | 1,879 | 1,879 | 1,879 |
| O. Miscellaneous .. | 4,684 | .. | 4,684 | 4,684 | 4,684 |
| Total .. | 1,25,675 | .. | 1,25,675 | 1,25,675 | 1,25,675 |
| (2) (*a*) *Reservoirs*— | | | | | |
| C. Works .. .. | 2,949 | .. | 2,949 | 2,949 | 2,949 |
| L. Earthwork .. | 66,826 | .. | 66,826 | 66,826 | 66,826 |
| Total .. | 69,775 | .. | 69,775 | 69,775 | 69,775 |
| (3) *Distributaries*— | | | | | |
| B. Land .. .. | 897 | .. | 897 | 897 | 897 |
| C. Works .. .. | 40,038 | .. | 40,038 | 40,038 | 40,038 |
| L. Earthwork .. | 53,279 | .. | 53,279 | 53,279 | 53,279 |
| N. Tanks and reservoirs .. .. | 428 | .. | 428 | 428 | 428 |
| Total .. | 94,642 | .. | 94,642 | 94,642 | 94,642 |
| (6) Special tools and plant.. | .. | .. | .. | .. | .. |
| Provision for unforeseen works .. .. .. | .. | .. | .. | .. | .. |
| Total, Works .. | 3,35,765 | .. | 3,35,765 | 3,35,765 | 3,35,765 |



## BARUR TANK—*Tank Project*—cont.

### No. 2.—Capital Account for and to end of 1934–1935—*cont.*

| Heads of account. | Direct Charges. Previous. | 1934–1935. | Total. | Cost of construction as now estimated (construction estimate closed on 31st March 1891). | Expenditure against closed estimate. |
|---|---|---|---|---|---|
| | RS. | | RS. | RS. | RS. |
| II. ESTABLISHMENT .. .. | 76,701 | .. | 76,701 | 76,701 | 76,701 |
| III. TOOLS AND PLANT .. | 6,931 | .. | 6,931 | 6,931 | 6,931 |
| Grand Total .. | 4,19,397 | .. | 4,19,397 | 4,19,397 | 4,19,397 |
| V. *Less*—RECEIPTS ON CAPITAL ACCOUNT .. | 22 | .. | 22 | 22 | 22 |
| (*a*) Net Total .. | 4,19,375 | .. | 4,19,375 | 4,19,375 | 4,19,375 |

| | | RS. |
|---|---|---|
| (*a*) Chargeable to | 49. Irrigation .. .. .. .. .. | 4,02,176 |
| Do. | 43. Minor Works and Navigation—Provincial. | 17,199 |
| | Total .. | 4,19,375 |

## BARUR TANK—*Tank Project*—cont.

### No. 3.—Revenue Account for and to end of 1934–1935.

| Receipts. | Total. Previous. | Total. 1934–1935. | Total. Total. |
|---|---|---|---|
| | RS. | RS. | RS. |
| I. DIRECT RECEIPTS— | | | |
| 5. Receipts from plantations .. | 6,226 | 575 | 6,801 |
| 6. Receipts from other canal produce .. .. | 20,345 | 746 | 21,091 |
| 9. Rents of buildings .. .. | 1,084 | 16 | 1,100 |
| 11. Miscellaneous .. .. | 2,004 | .. | 2,004 |
| Recoveries of expenditure .. | 23 | 4 | 27 |
| *Deduct*—Refunds .. .. | 168 | .. | 168 |
| Total, Revenue realized in Public Works Department .. .. | 29,514 | 1,341 | 30,855 |
| Irrigation Revenue realized in Civil Department .. .. | 6,15,028 | 17,373 | 6,32,401 |
| Total, Direct Receipts .. .. | 6,44,542 | 18,714 | 6,63,256 |
| II. INDIRECT RECEIPTS— | | | |
| Share of land revenue collected in the Civil Department .. .. | 16,040 | 758 | 16,798 |
| Total, Public Works and Civil Departments, Revenue .. | 6,60,582 | 19,472 | 6,80,054 |
| Total, Receipts .. | 6,60,582 | 19,472 | 6,80,054 |

| Charges. | Total. Previous. | Total. 1934–1935. | Total. Total. |
|---|---|---|---|
| | RS. | RS. | RS. |
| I. EXTENSIONS AND IMPROVEMENTS— | | | |
| (1) Head works .. .. .. | 4,493 | .. | 4,493 |
| (2) Main canals and branches .. .. | 20,514 | 47 | 20,561 |
| (3) Distributaries .. .. .. | 2,561 | .. | 2,561 |
| (4) Drainage and protective works .. | 1,661 | .. | 1,661 |
| (5) Special tools and plant .. .. | .. | .. | .. |
| Total .. | 29,229 | 47 | 29,276 |
| II. MAINTENANCE AND REPAIRS— | | | |
| (1) Head works .. .. .. | 21,156 | .. | 21,156 |
| (2) Main canals and branches .. .. | 1,51,813 | 5,789 | 1,57,602 |
| (3) Distributaries.. .. .. | 10,067 | .. | 10,067 |
| (4) Drainage and protective works .. | 666 | .. | 666 |
| (5) Special tools and plant .. .. | .. | .. | .. |
| Total .. | 1,83,702 | 5,789 | 1,89,491 |
| Total, Extensions and Improvements and Maintenance and Repairs .. .. | 2,12,931 | 5,836 | 2,18,767 |
| IV. ESTABLISHMENT .. .. .. | 76,621 | 2,041 | 78,662 |
| V. TOOLS AND PLANT .. .. .. | 1,215 | 32 | 1,247 |
| VI. REFUNDS OF REVENUE .. .. | 54 | .. | 54 |
| *Deduct*—Recoveries on revenue account .. | 44 | .. | 44 |
| Total, Direct Charges .. .. | 2,90,777 | 7,909 | 2,98,686 |
| Share of collection charges in the Civil Department .. .. .. | 30,865 | 877 | 31,742 |
| Indirect charges .. .. .. | 9,683 | 58 | 9,746 |
| Total, Direct and Indirect Charges .. | 3,31,330 | 8,844 | 3,40,174 |
| Balance, Net revenue .. .. | 3,29,252 | 10,628 | 3,39,880 |
| Grand Total .. | 6,60,582 | 19,472 | 6,80,054 |



## BARUR TANK—*Tank Project*—cont.

### No. 4.—Interest Account for and to end of 1934–1935.

| | Amount. RS. | | Amount. RS. |
|---|---|---|---|
| Total interest charges to end of 1933–1934 .. .. .. | 7,17,106 | Net revenue realized to end of 1933–1934 .. .. .. | 3,29,252 |
| *Total interest charges for the year 1934–1935 .. .. .. | 13,945 | Net revenue realized during 1934–1935 .. .. .. | 10,628 |
| | | Balance, net interest charges .. | 3,91,171 |
| Total .. | 7,31,051 | Total .. | 7,31,051 |
| *Interest at 3·3252 per cent on the outlay to end of 1916–1917 .. .. .. .. Interest at 5·12 per cent on the outlay of Rs. nil from 1917–1918 to end of 1933–1934 plus half the outlay during 1934–1935 .. .. .. | 13,945 | | |
| Total .. | 13,945 | | |

### No. 5.—Account of Indirect Charges for and to end of 1934–1935.

| Particulars. | Previous. RS. | 1934–1935. RS. | Total. RS. |
|---|---|---|---|
| CAPITAL— | | | |
| Capitalization of abatement of land revenue .. | 13,000 | .. | 13,000 |
| Leave and pension allowances .. .. .. | 10,738 | .. | 10,738 |
| Audit and accounts .. .. .. .. .. | .. | .. | .. |
| Total .. | 23,738 | .. | 23,738 |
| REVENUE— | | | |
| Capitalization of abatement of land revenue .. | 130 | .. | 130 |
| Leave and pension allowances .. .. .. | 8,931 | .. | 8,931 |
| Audit and accounts .. .. .. .. .. | 627 | 58 | 685 |
| Total .. | 9,688 | 58 | 9,746 |
| Grand Total .. | 33,426 | 58 | 33,484 |

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. | Remarks. | |
|---|---|---|---|---|---|---|---|---|---|
| | Expenditure against construction estimate. | Expenditure against open canal sanction. | Total. | Charges to date. | Amount of sanctioned estimate. | Unspent balance of estimate. | | G.O. No. and date. | Amount of estimate. |
| *Direct Charges.* | RS. | RS. | RS. | | | | RS. | | |
| Works .. .. .. .. .. | 3,11,681 | 24,084 | 3,35,765 | .. | .. | .. | 3,35,765 | | |
| Establishment .. .. .. .. | 71,683 | 5,018 | 76,701 | .. | .. | .. | 76,701 | | |
| Tools and plant .. .. .. | 6,883 | 48 | 6,931 | .. | .. | .. | 6,931 | | |
| Suspense account .. .. .. | .. | .. | .. | .. | .. | .. | .. | | |
| Total .. | 3,90,247 | 29,150 | 4,19,397 | .. | .. | .. | 4,19,397 | | |
| *Less*—Receipts on Capital Account .. | 22 | .. | 22 | .. | .. | .. | 22 | | |
| Net Total .. | 3,90,225 | 29,150 | 4,19,375 | .. | .. | .. | 4.19,375 | | |
| *Indirect Charges.* | | | | | | | | | |
| Capitalized abatement of land revenue. | 12,056 | 944 | 13,000 | .. | .. | .. | 13,000 | | |
| Leave and pension allowances .. | 10,036 | 702 | 10,738 | .. | .. | .. | 10,738 | | |
| Total .. | 22,092 | 1,646 | 23,738 | .. | .. | .. | 23,738 | | |
| Grand Total .. | 4,12,317 | 30,796 | 4,43,113 | .. | .. | .. | 4,43,113 | | |



ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1934–1935.

VALLUR ANICUT SYSTEM—*Canal Project.*

## No. 2.—Capital Account for and to end of 1934–1935.

| Heads of account. | Direct Charges. Previous. | Direct Charges. 1934–1935. | Direct Charges. Total. | Cost of construction as now estimated (construction estimate closed on 31st March 1893). | Expenditure against closed estimate. |
|---|---|---|---|---|---|
| | RS. | | RS. | RS. | RS. |
| I. WORKS— (1) *Head Works*— C. Works .. .. | 59,515 | .. | 59,515 | 59,515 | 59,515 |
| Total .. | 59,515 | .. | 59,515 | 59,515 | 59,515 |
| (3) *Distributaries*— C. Works .. .. | 1,147 | .. | 1,147 | 1,147 | 1,147 |
| Total .. | 1,147 | .. | 1,147 | 1,147 | 1,147 |
| Total, Works .. | 60,662 | .. | 60,662 | 60,662 | 60,662 |
| II. ESTABLISHMENT .. .. | 13,679 | .. | 13,679 | 13,679 | 13,679 |
| III. TOOLS AND PLANT .. .. | 25 | .. | 25 | 25 | 25 |
| Grand Total .. | 74,366 | .. | 74,366 | 74,366 | 74,366 |
| V. *Less*—RECEIPTS ON CAPITAL ACCOUNT .. | .. | .. | .. | .. | .. |
| (a) Net Total .. | 74,366 | .. | 74,366 | 74,366 | 74,366 |

(a) Chargeable to "43. Minor Works and Navigation—Provincial."

## VALLUR ANICUT SYSTEM—*Canal Project*—cont.

### No. 3.—Revenue Account for and to end of 1934–1935.

| Receipts. | Total. Previous. | 1934–1935. | Total. |
|---|---|---|---|
| | RS. | RS. | RS. |
| I. DIRECT RECEIPTS— | | | |
| 5. Receipts from plantations .. | 1,766 | .. | 1,766 |
| 6. Receipts from other canal produce .. .. .. | 1,977 | .. | 1,977 |
| 9. Rents of buildings .. .. | 236 | 12 | 248 |
| Recoveries of Expenditure .. | 7 | 3 | 10 |
| 11. Miscellaneous .. .. | 2,279 | 186 | 2,465 |
| *Deduct*—Refunds .. .. | 109 | .. | 109 |
| Total, Revenue realized in Public Works Department .. .. | 6,156 | 201 | 6,357 |
| Irrigation Revenue realized in Civil Department .. .. | 1,52,768 | 1,754 | 1,54,522 |
| Total, Direct Receipts .. .. | 1,58,924 | 1,955 | 1,60,879 |
| II. INDIRECT RECEIPTS— | | | |
| Share of land revenue collected in the Civil Department .. | 59,301 | 1,074 | 60,375 |
| Total, Public Works and Civil Departments, Revenue .. | 2,18,225 | 3,029 | 2,21,254 |
| Total Receipts .. .. | 2,18,225 | 3,029 | 2,21,254 |

| Charges. | Total. Previous. | 1934–1935. | Total. |
|---|---|---|---|
| | RS. | RS. | RS. |
| I. EXTENSIONS AND IMPROVEMENTS— | | | |
| (1) Head works .. .. .. .. | 4,841 | .. | 4,841 |
| (2) Main canals and branches .. .. | 925 | 371 | 1,296 |
| (3) Distributaries .. .. .. .. | .. | .. | .. |
| (4) Drainage and protective works .. | 4,817 | .. | 4,817 |
| (5) Special tools and plant .. .. | .. | .. | .. |
| Total .. | 10,583 | 371 | 10,954 |
| II. MAINTENANCE AND REPAIRS— | | | |
| (1) Head works .. .. .. .. | 43,481 | .. | 43,481 |
| (2) Main canals and branches .. .. | 20,837 | 3,714 | 24,551 |
| (3) Distributaries .. .. .. .. | .. | .. | .. |
| (4) Drainage and protective works .. | .. | .. | .. |
| (5) Special tools and plant .. .. | .. | .. | .. |
| *Add*—Unclassifiable outlay .. .. | 17,582 | .. | 17,582 |
| Total .. | 81,900 | 3,714 | 85,614 |
| Total, Extensions and Improvements and Maintenance and Repairs .. .. | 92,483 | 4,085 | 96,568 |
| IV. ESTABLISHMENT .. .. .. | 22,628 | 957 | 23,585 |
| V. TOOLS AND PLANT .. .. .. | 642 | 6 | 648 |
| *Deduct*— | | | |
| VI. RECOVERIES ON REVENUE ACCOUNT. | 10 | .. | 10 |
| Total, Direct Charges .. | 1,15,743 | 5,048 | 1,20,791 |
| Share of collection charges in the Civil Department .. .. .. .. | 10,606 | 141 | 10,747 |
| Indirect charges .. .. .. .. | 2,861 | 41 | 2,902 |
| Total, Direct and Indirect Charges .. | 1,29,210 | 5,230 | 1,34,440 |
| *Deduct*—Old maintenance charges saved to Government (*a*) .. .. .. .. | 56,131 | 1,579 | 57,710 |
| Net Total .. | 73,079 | 3,651 | 76,730 |
| Balance, Net Revenue .. .. .. | 1,45,146 | — 622 | 1,44,524 |
| Grand Total .. | 2,18,225 | 3,029 | 2,21,254 |

| | RS. |
|---|---|
| (*a*) Extensions and Improvements .. .. .. .. .. .. .. .. .. .. | 226 |
| Maintenance and repairs .. .. .. .. .. .. .. .. .. .. | 1,077 |
| Establishment .. .. .. .. .. .. .. .. .. .. | 261 |
| Tools and plant .. .. .. .. .. .. .. .. .. .. | 2 |
| Total, Direct Charges .. | 1,566 |
| Indirect charges .. .. .. .. .. .. .. .. .. .. | 13 |
| Total, Direct and Indirect Charges .. | 1,579 |

## VALLUR ANICUT SYSTEM—*Canal Project*—cont.

### No. 4.—Interest Account for and to end of 1934–1935.

| | | Amount. | | Amount. |
|---|---|---|---|---|
| | | RS. | | RS. |
| Total interest charges to end of 1933–1934 .. .. .. | | 1,62,807 | Net revenue realized to end of 1933–1934 .. .. | 1,45,146 |
| Total interest charges for the year 1934–1935— | | | Net revenue realized during 1934–1935 .. .. .. | — 622 |
| | | | Balance, net interest charges .. | 20,949 |
| Interest at 3·3252 per cent on the outlay to end of 1916–1917 .. | RS. 2,114 | | | |
| Interest at 5·12 per cent on the outlay of Rs. 10,778 from 1917–1918 to end of 1933–1934 plus half the outlay during 1934–1935 .. .. | 552 | 2,666 | | |
| Total .. | | 1,65,473 | Total .. | 1,65,473 |

### No. 5.—Account of Indirect Charges for and to end of 1934–1935.

| Particulars. | Previous. | 1934–1935. | Total. |
|---|---|---|---|
| | RS. | RS. | RS. |
| CAPITAL— | | | |
| Leave and pension allowances .. .. .. | 1,916 | .. | 1,916 |
| Audit and accounts .. .. .. .. .. | .. | .. | .. |
| Total .. | 1,916 | .. | 1,916 |
| REVENUE— | | | |
| Leave and pension allowances .. .. .. | 2,489 | .. | 2,489 |
| Audit and accounts .. .. .. .. .. | 372 | 41 | 413 |
| Total .. | 2,861 | 41 | 2,902 |
| Grand Total .. | 4,777 | 41 | 4,818 |



## VALLUR ANICUT SYSTEM—*Canal Project*—cont.

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

| Particulars. | CHARGES AGAINST CLOSED SANCTIONS. Expenditure against construction estimate. | Expenditure against open canal sanction. | Total. | CURRENT SANCTIONS. Charges to date. | Amount of sanctioned estimate. | Unspent balance of estimate. | Total charges to date against old and current sanctions. | REMARKS. G.O. No. and date. | Amount of estimate. |
|---|---|---|---|---|---|---|---|---|---|
| | RS. | RS. | RS. | | | | RS. | | |
| *Direct Charges.* | | | | | | | | | |
| 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 | | |
| *Less*—Receipts on capital account .. | .. | .. | .. | .. | .. | .. | .. | | |
| Net Total .. | 62,177 | 12,189 | 74,366 | .. | .. | .. | 74,366 | | |
| *Indirect Charges.* | | | | | | | | | |
| 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 | | |

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

### No. 2.—Capital Account for and to end of 1934–1935.

| Heads of account. | Direct Charges. Previous. | 1934–1935. | Total. | Cost of construction as now estimated (closed in 1893). | Expenditure against closed estimate. |
|---|---|---|---|---|---|
| | RS. | RS. | RS. | RS. | RS |
| I. WORKS— | | | | | |
| (1) *Head Works*— | | | | | |
| C. Works .. .. | 98,309 | .. | 98,309 | 98,309 | 98,309 |
| K. Buildings .. .. | 8,827 | .. | 8,827 | 8,827 | 8,827 |
| O. Miscellaneous .. | 1,029 | .. | 1,029 | 1,029 | 1,029 |
| Total .. | 1,08,165 | .. | 1,08,165 | 1,08,165 | 1,08,165 |
| (2) *Main Canals and Branches*— | | | | | |
| B. Land .. .. | 65,979 | .. | 65,979 | 65,979 | 65,979 |
| D. Regulators .. | 48,818 | .. | 48,818 | 48,818 | 48,818 |
| E. Falls and weirs .. | 13,094 | .. | 13,094 | 13,094 | 13,094 |
| F. (1) Other cross drainage works. | 59,847 | .. | 59,847 | 59,847 | 59,847 |
| G. Bridges .. .. | 55,344 | .. | 55,344 | 55,344 | 55,344 |
| K. Buildings .. .. | 6,045 | .. | 6,045 | 6,045 | 6,045 |
| L. Earthwork .. | 1,04,638 | .. | 1,04,628 | 1,04,628 | 1,04,628 |
| N. Tanks and reservoirs .. .. | 39,638 | .. | 39,638 | 39,638 | 39,638 |
| Total .. | 3,93,393 | .. | 3,93,393 | 3,93,393 | 3,93,393 |
| *Reservoirs*— | | | | | |
| B. Land .. .. | 1,35,313 | .. | 1,35,313 | 1,35,313 | 1,35,313 |
| C. Works .. .. | 1,67,908 | .. | 1,67,908 | 1,67,908 | 1,67,908 |
| L. Earthwork .. | 5,33,148 | .. | 5,33,148 | 5,33,148 | 5,33,148 |
| O. Miscellaneous .. | 45,753 | .. | 45,753 | 45,753 | 45,753 |
| Total .. | 8,82,122 | .. | 8,82,122 | 8,82,122 | 8,82,122 |
| (3) *Distributaries*— | | | | | |
| C. Works .. .. | 4,368 | .. | 4,368 | 4,368 | 4,368 |
| L. Earthwork .. | 2,275 | .. | 2,275 | 2,275 | 2,275 |
| Total .. | 6,643 | .. | 6,643 | 6,643 | 6,643 |
| (4) *Drainage and protective works*— | | | | | |
| C. Works .. .. | 2,672 | .. | 2,672 | 2,672 | 2,672 |
| (6) *Special tools and plant.* | .. | .. | .. | .. | .. |
| Provision for unforeseen works. | .. | .. | .. | .. | .. |
| Total, Works .. | 13,92,995 | .. | 13,92,995 | 13,92,995 | 13,92,995 |
| II. ESTABLISHMENT .. .. | 2,30,243 | .. | 2,30,243 | 2,30,243 | 2,30,243 |
| III. TOOLS AND PLANT .. .. | 6,928 | .. | 6,928 | 6,928 | 6,928 |
| Grand total .. | 16,30,166 | .. | 16,30,166 | 16,30,166 | 16,30,166 |
| V. *Less*—RECEIPTS ON CAPITAL ACCOUNT .. | 1,302 | .. | 1,302 | 1,302 | 1,302 |
| Net Total .. | 16,28,864 | .. | 16,28,864 | 16,28,864 | 16,28,864 |
| Chargeable to 43. Irrigation—Provincial .. .. .. | 15,79,536 | .. | 15,79,536 | .. | .. |
| Chargeable to 55. Irrigation—2. Unproductive .. .. | 49,328 | .. | 49,328 | .. | .. |
| Total .. | 16,28,864 | .. | 16,28,864 | .. | .. |



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

### No. 3.—Revenue Account for and to end of 1934–1935.

| Receipts | Total. Previous. | 1934–1935. | Total. |
|---|---|---|---|
| | RS. | RS. | RS. |
| I. DIRECT RECEIPTS— | | | |
| 3. Sales of water .. .. | 9,29,163 | .. | 9,80,626 |
| Water-supply of towns .. | 3,51,553 | 51,463 | 3,51,553 |
| 5. Receipts from plantations. | 2,243 | .. | 2,243 |
| 6. Receipts from other canal produce .. .. | 5,462 | .. | 5,462 |
| 9. Rents of buildings .. | 1,923 | 160 | 2,083 |
| 10. Fines .. .. .. | 39 | .. | 39 |
| 11. Miscellaneous .. .. | 6,688 | 123 | 6,811 |
| Recoveries of expenditure .. | 35 | 25 | 60 |
| *Deduct*—Refunds .. .. | 77 | .. | 77 |
| Total, Revenue realized in Public Works Department .. .. | 12,97,029 | 51,771 | 13,48,800 |
| Irrigation revenue realized in Civil Department .. .. | 6,96,072 | 17,291 | 7,13,363 |
| Total, Direct Receipts .. | 19,93,101 | 69,062 | 20,62,163 |

| Charges. | Total. Previous. | 1934–1935. | Total. |
|---|---|---|---|
| | RS. | RS. | RS. |
| I. EXTENSIONS AND IMPROVEMENTS— | | | |
| (1) Head works .. .. | 6,704 | .. | 6,704 |
| (2) Main canals and branches .. | 80,464 | 1,518 | 81,982 |
| (3) Distributaries .. .. | 3,277 | .. | 3,277 |
| (4) Drainage and protective works .. | 613 | .. | 613 |
| (5) Special tools and plant .. .. | 22 | .. | 22 |
| Total .. | 91,080 | 1,518 | 92,598 |
| II. MAINTENANCE AND REPAIRS— | | | |
| (1) Head works .. .. | 61,876 | .. | 61,876 |
| (2) Main canals and branches .. | 8,08,438 | 16,430 | 8,24,868 |
| (3) Distributaries .. .. | 3,980 | .. | 3,980 |
| (4) Drainage and protective works .. | 3,061 | .. | 3,061 |
| (5) Special tools and plant .. .. | .. | .. | .. |
| Total .. | 8,77,355 | 16,430 | 8,93,785 |
| Total, Extensions and Improvements and Maintenance and repairs .. | 9,68,435 | 17,948 | 9,86,383 |
| IV. ESTABLISHMENT .. .. .. | 3,00,518 | 3,840 | 3,04,358 |
| V. TOOLS AND PLANT .. .. .. | 9,755 | 28 | 9,783 |
| VI. REFUNDS OF REVENUE .. .. | 88 | .. | 88 |
| *Deduct*—Recoveries on Revenue account .. .. .. | 1,065 | .. | 1,065 |
| Total, Direct Charges .. | 12,77,731 | 21,816 | 12,99,547 |

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

### No. 3.—Revenue Account for and to end of 1934–1935—*cont.*

| Receipts. | Total. Previous. | Total. 1934–1935. | Total. Total. |
|---|---|---|---|
| | RS. | RS. | RS. |
| II. INDIRECT RECEIPTS— | | | |
| Share of land revenue collected in the Civil Department. | 27,649 | 462 | 28,111 |
| Total, Public Works and Civil Departments—Revenue .. | 20,20,750 | 69,524 | 20,90,274 |
| Total, Receipts .. | 20,20,750 | 69,524 | 20,90,274 |

| Charges. | Total. Previous. | Total. 1934–1935. | Total. Total. |
|---|---|---|---|
| | RS. | RS. | RS. |
| Share of collection charges in the Civil Department .. .. .. .. | 38,374 | 888 | 39,262 |
| Indirect charges .. .. .. | 40,204 | 179 | 40,383 |
| Total, Direct and Indirect Charges .. | 13,56,309 | 22,883 | 13,79,192 |
| *Deduct*—Old maintenance charges saved to Government (*a*) .. .. | 3,10,969 | 4,604 | 3,15,573 |
| Net Total .. | 10,45,340 | 18,279 | 10,63,619 |
| Balance, Net revenue .. | 9,75,410 | 51,245 | 10,26,655 |
| Grand Total .. | 20,20,750 | 69,524 | 20,90,274 |

| | RS. |
|---|---|
| (*a*) Extensions and improvements .. .. | 3,600 |
| Maintenance and repairs .. .. | 200 |
| Establishment .. .. .. | 760 |
| Tools and plant .. .. .. | 6 |
| Total, Direct Charges .. .. | 4,566 |
| Indirect Charges .. .. .. | 38 |
| Total, Direct and Indirect Charges .. | 4,604 |



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

### No. 4.—Interest Account for and to end of 1934–1935.

| | RS. | Amount. RS. |
|---|---|---|
| Total interest charges to end of 1933–1934 .. .. .. | | 37,20,202 |
| Total interest charges for the year 1934–1935— | | |
| Interest at 3·3252 per cent on the outlay to end of 1916–1917. | 51,429 | 55,639 |
| Interest at 5·12 per cent on the outlay of Rs. 82,221 from 1917–1918 to end of 1933–1934 plus half the outlay during 1934–1935 .. .. | 4,210 | |
| Total .. | | 37,75,841 |

| | Amount. RS. |
|---|---|
| Net revenue realized to end of 1933–1934 .. .. .. | 9,75,410 |
| Net revenue realized during 1934–1935 .. .. .. | 51,245 |
| Balance, net interest charges .. | 27,49,186 |
| Total .. | 37,75,841 |

### No. 5.—Account of Indirect Charges for and to end of 1934–1935.

| Particulars. | Previous. RS. | 1934–1935. RS. | Total. RS. |
|---|---|---|---|
| CAPITAL— | | | |
| Capitalization of abatement of land revenue .. | 2,08,120 | .. | 2,08,120 |
| Leave and pension allowances .. .. .. | 31,522 | .. | 31,522 |
| Audit and accounts .. .. .. .. .. | 412 | .. | 412 |
| Total .. | 2,40,054 | .. | 2,40,054 |
| REVENUE— | | | |
| Capitalization of abatement of land revenue .. | 1,095 | .. | 1,095 |
| Leave and pension allowances .. .. .. | 36,257 | .. | 36,257 |
| Audit and accounts .. .. .. .. .. | 2,852 | 179 | 3,031 |
| Total .. | 40,204 | 179 | 40,383 |
| Grand Total .. | 2,80,258 | 179 | 2,80,437 |

## 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. | | | Remarks. | |
|---|---|---|---|---|---|---|---|---|---|
| | Expenditure against construction estimate. | Expenditure against open canal sanction. | Total. | Charges to date | Amount of sanctioned estimate. | Unspent balance of estimate. | Total charges to date against old and current sanctions. | G.O. No. and date. | Amount of estimate. |
| | RS. | RS. | RS. | RS. | RS. | RS. | RS. | | RS. |
| *Direct Charges.* | | | | | | | | | |
| Works .. .. | 12,97,799 | 95,196 | 13,92,995 | .. | .. | .. | 13,92,995 | | |
| Establishment .. .. | 2,12,547 | 17,696 | 2,30,243 | .. | .. | .. | 2,30,243 | | |
| Tools and plant .. .. | 6,648 | 280 | 6,928 | .. | .. | .. | 6,928 | | |
| Suspense account .. .. | .. | .. | .. | .. | .. | .. | .. | | |
| Total .. | 15,16,994 | 1,13,172 | 16,30,166 | .. | .. | .. | 16,30,166 | | |
| *Less*—Receipts on Capital Account .. | 1,167 | 135 | 1,302 | .. | .. | .. | 1,302 | | |
| Net Total .. | 15,15,827 | 1,13,037 | 16,28,864 | .. | .. | .. | 16,28,864 | | |
| *Indirect Charges.* | | | | | | | | | |
| Capitalized abatement of land revenue .. | 2,08,120 | .. | 2,08,120 | .. | .. | .. | 2,08,120 | | |
| Leave and pension allowances .. .. | 30,098 | 1,424 | 31,522 | .. | .. | .. | 31,522 | | |
| Audit and accounts .. | .. | 412 | 412 | .. | .. | .. | 412 | | |
| Total .. | 2,38,218 | 1,836 | 2,40,054 | .. | .. | .. | 2,40,054 | | |
| Grand Total .. | 17,54,045 | 1,14,873 | 18,68,918 | .. | .. | .. | 18,68,918 | | |



## PELANDORAI ANICUT SYSTEM—*Canal Project.*

### No. 2.—Capital Account for and to end of 1934–1935.

| Heads of account. | Direct Charges. | | | Cost of construction as now estimated (construction estimate closed in 1893). | Expenditure against closed estimate. |
|---|---|---|---|---|---|
| | Previous. | 1934–1935. | Total. | | |
| | RS. | | RS. | RS. | RS. |
| I. WORKS— | | | | | |
| (1) *Head Works*— | | | | | |
| B. Land .. .. | .. | .. | .. | .. | .. |
| C. Works .. .. | 2,64,856 | .. | 2,64,856 | 2,64,856 | 2,64,856 |
| K. Buildings .. .. | 4,192 | .. | 4,192 | 4,192 | 4,192 |
| O. Miscellaneous .. | 2,102 | .. | 2,102 | 2,102 | 2,102 |
| Total .. | 2,71,150 | .. | 2,71,150 | 2,71,150 | 2,71,150 |
| (2) *Main Canals and Branches*— | | | | | |
| B. Land .. .. | 12,255 | .. | 12,255 | 12,255 | 12,255 |
| D. Regulators .. | 9,938 | .. | 9,938 | 9,938 | 9,938 |
| E. Falls and weirs .. | 9,958 | .. | 9,958 | 9,958 | 9,958 |
| F. (1) Other cross drainage works. | 18,849 | .. | 18,849 | 18,849 | 18,849 |
| G. Bridges .. .. | 15,786 | .. | 15,786 | 15,786 | 15,786 |
| H. Escapes .. .. | 682 | .. | 682 | 682 | 682 |
| L. Earthwork .. | 1,00,958 | .. | 1,00,958 | 1,00,958 | 1,00,958 |
| N. Tanks and reservoirs .. .. | 38,505 | .. | 38,505 | 38,505 | 38,505 |
| Total .. | 2,06,931 | .. | 2,06,931 | 2,06,931 | 2,06,931 |
| (3) *Distributaries*— | | | | | |
| B. Land .. .. | .. | .. | .. | .. | .. |
| C. Works .. .. | 9,660 | .. | 9,660 | 9,660 | 9,660 |
| L. Earthwork .. | 9,372 | .. | 9,372 | 9,372 | 9,372 |
| N. Tanks and reservoirs .. .. | 1,094 | .. | 1,094 | 1,094 | 1,094 |
| Total .. | 20,126 | .. | 20,126 | 20,126 | 20,126 |
| (4) *Drainage and Protective Works*— | | | | | |
| B. Land .. .. | 1,937 | .. | 1,937 | 1,937 | 1,937 |
| C. Works .. .. | 10,463 | .. | 10,463 | 10,463 | 10,463 |
| L. Earthwork .. | 10,027 | .. | 10,027 | 10,027 | 10,027 |
| O. Miscellaneous .. | 3 | .. | 3 | 3 | 3 |
| Total .. | 22,430 | .. | 22,430 | 22,430 | 22,430 |
| (6) *Special tools and plant.* | .. | .. | .. | .. | .. |
| Provision for unforeseen works. | .. | .. | .. | .. | .. |
| Total, Works .. | 5,20,637 | .. | 5,20,637 | 5,20,637 | 5,20,637 |
| ESTABLISHMENT .. .. | 1,17,426 | .. | 1,17,426 | 1,17,426 | 1,17,426 |
| TOOLS AND PLANT .. .. | 6,037 | .. | 6,037 | 6,037 | 6,037 |
| Grand Total .. | 6,44,100 | .. | 6,44,100 | 6,44,100 | 6,44,100 |
| *Less*—RECEIPTS ON CAPITAL ACCOUNT .. .. .. | 798 | .. | 798 | 798 | 798 |
| * Net Total .. | 6,43,302 | .. | 6,43,302 | 6,43,302 | 6,43,302 |

| | RS. | During 1932–1933. | To end of 1932–1933. RS. |
|---|---|---|---|
| * Chargeable to 43. Minor Works and Navigation—Provincial .. .. .. .. .. .. | 6,43,270 | .. | 6,43,270 |
| Chargeable to 55-A. Irrigation Works—I. Productive. | 32 | .. | 32 |
| Total .. | 6,43,302 | .. | 6,43,302 |

## PELANDORAI ANICUT SYSTEM—*Canal Project*—cont.

### No. 3.—Revenue Account for and to end of 1934–1935.

| Receipts. | Total. Previous. | 1934–1935. | Total. |
|---|---|---|---|
| | RS. | RS. | RS. |
| I. DIRECT RECEIPTS— | | | |
| 5. Receipts from plantations | 11,457 | 133 | 11,590 |
| 6. Receipts from other canal produce .. .. .. | 9,478 | 5 | 9,483 |
| 8. Navigation Receipts .. | .. | 1 | 1 |
| 9. Rents of buildings .. | 2,025 | 149 | 2,174 |
| 10. Fines .. .. .. | 1 | .. | 1 |
| 11. Miscellaneous .. .. | 982 | .. | 982 |
| Recoveries of expenditure .. | 24 | .. | 24 |
| *Deduct*—Refunds .. .. .. | 130 | 198 | 328 |
| Total, Revenue realized in Public Works Department .. .. | 23,837 | 90 | 23,927 |
| Irrigation Revenue realized in Civil Department .. .. | 19,00,540 | 55,900 | 19,56,440 |
| Total, Direct receipts .. | 19,24,377 | 55,990 | 19,80,367 |
| II. INDIRECT RECEIPTS— | | | |
| Share of land revenue collected in the Civil Department .. .. .. | 5,383 | 86 | 5,469 |
| Total, Public Works and Civil Departments, Revenue .. .. | 19,29,760 | 56,076 | 19,85,836 |
| Total, Receipts .. .. | 19,29,760 | 56,076 | 19,85,836 |

| Charges. | Total. Previous. | 1934–1935. | Total. |
|---|---|---|---|
| | RS. | RS. | RS. |
| I. EXTENSIONS AND IMPROVEMENTS— | | | |
| (1) Head works .. .. .. | 22,559 | 66 | 22,625 |
| (2) Main canals and branches .. | 54,027 | 4 | 54,031 |
| (3) Distributaries .. .. .. | 24,476 | .. | 24,476 |
| (4) Drainage and protective works .. | .. | .. | .. |
| (5) Special tools and plant .. .. | .. | .. | .. |
| Total .. | 1,01,062 | 70 | 1,01,132 |
| II. MAINTENANCE AND REPAIRS— | | | |
| (1) Head works .. .. .. | 3,21,764 | 2,626 | 3,24,390 |
| (2) Main canals and branches .. | 3,86,258 | 7,675 | 3,93,933 |
| (3) Distributaries .. .. .. | 78,781 | 7,011 | 85,792 |
| (4) Drainage and protective works .. | 123 | .. | 123 |
| (5) Special tools and plant .. .. | .. | .. | .. |
| *Add*—Unclassifiable outlay .. .. | .. | .. | .. |
| Total .. | 7,86,926 | 17,312 | 8,04,238 |
| Total, Extensions and Improvements and Maintenance and Repairs .. | 8,87,988 | 17,382 | 9,05,370 |
| IV. ESTABLISHMENT .. .. .. | 2,35,897 | 7,705 | 2,43,602 |
| V. TOOLS AND PLANT .. .. .. | 6,146 | 60 | 6,206 |
| VI. REFUNDS OF REVENUE .. .. | 30 | .. | 30 |
| *Deduct*—Recoveries on Revenue account .. | 168 | .. | 168 |
| Total, Direct charges .. | 11,29,893 | 25,147 | 11,55,040 |
| Share of collection charges in the Civil Department .. .. .. .. .. | 96,089 | 2,799 | 98,888 |
| Indirect charges .. .. .. .. | 32,871 | 174 | 33,045 |
| Total, Direct and Indirect charges. | 12,58,853 | 28,120 | 12,86,973 |
| *Deduct*—(*a*) Old maintenance charges saved to Government .. .. .. | 9,056 | 161 | 9,217 |
| Net Total .. | 12,49,797 | 27,959 | 12,77,756 |
| Balance, Net revenue .. .. .. | 6,79,963 | 28,117 | 7,08,080 |
| Grand Total .. | 19,29,760 | 56,076 | 19,85,836 |

| | RS. |
|---|---|
| (*a*) Extensions and improvements .. .. .. | 59 |
| Maintenance and repairs .. .. .. | 58 |
| Establishment .. .. .. .. .. | 42 |
| Tools and plant .. .. .. .. .. | 1 |
| Total, Direct charges .. | 160 |
| Indirect charges .. .. .. .. .. | 1 |
| Total, Direct and Indirect charges .. | 161 |

## PELANDORAI ANICUT SYSTEM—*Canal Project*—cont.

### No. 4.—Interest Account for and to end of 1934–1935.

| | Amount. | | Amount. |
|---|---|---|---|
| | RS. | | RS. |
| Total interest charges to end of 1933–1934 .. .. .. | 11,25,316 | Net revenue realized to end of 1933–1934 .. .. .. | 6,79,963 |
| * Total interest charges for the year 1934–1935 .. .. | 21,970 | Net revenue realized during 1934–1935 .. .. .. | 28,117 |
| | | Balance, net interest charges .. | 4,39,206 |
| Total .. | 11,47,286 | Total .. | 11,47,286 |

| | |
|---|---|
| * Interest at 3·3252 per cent on the outlay to end of 1916–1917. | 20,320 |
| Interest at 5·12 per cent on the outlay of Rs. 32,225 from 1917–1918 to 1933–1934 plus half the outlay during 1934–1935 .. | 1,650 |
| | 21,970 |

### No. 5.—Account of Indirect Charges for and to end of 1934–1935.

| Particulars. | Previous. | 1934–1935. | Total. |
|---|---|---|---|
| | RS. | RS. | RS. |
| CAPITAL— | | | |
| Capitalization of abatement of land revenue .. | 27,907 | .. | 27,907 |
| Leave and pension allowances .. .. .. | 20,865 | .. | 20,865 |
| Audit and accounts .. .. .. .. .. | .. | .. | .. |
| Total .. | 48,772 | .. | 48,772 |
| REVENUE— | | | |
| Capitalization of abatement of land revenue .. | 1,069 | .. | 1,069 |
| Leave and pension allowances .. .. .. | 29,994 | .. | 29,994 |
| Audit and accounts .. .. .. .. .. | 1,808 | 174 | 1,982 |
| Total .. | 32,871 | 174 | 33,045 |
| Grand Total .. | 81,643 | 174 | 81,817 |



## PELANDORAI ANICUT SYSTEM—*Canal Project*—cont.

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

| Particulars. | CHARGES AGAINST CLOSED SANCTIONS. | | | CURRENT SANCTIONS. | | | Total Charges to date against old and current sanctions. | REMARKS. | |
|---|---|---|---|---|---|---|---|---|---|
| | Expenditure against construction estimate. | Expenditure against open canal sanction. | Total. | Charges to date. | Amount of sanctioned estimate. | Unspent balance of estimate. | | G.O. No. and date. | Amount of estimate. |
| | RS. | RS. | RS. | | | | RS. | | |
| *Direct Charges.* | | | | | | | | | |
| 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 | | |
| *Less*—Receipts on Capital account .. | 798 | .. | 798 | .. | .. | .. | 798 | | |
| Net Total .. | 4,09,984 | 2,33,318 | 6,43,302 | .. | .. | .. | 6,43,302 | | |
| *Indirect Charges.* | | | | | | | | | |
| Capitalized abatement of land revenue .. | 27,489 | 418 | 27,907 | .. | .. | .. | 27,907 | | |
| Leave and pension allowances .. .. | 14,769 | 6,096 | 20,865 | .. | .. | .. | 20,865 | | |
| Audit and accounts .. | .. | .. | .. | .. | .. | .. | .. | | |
| Total .. | 42,258 | 6,514 | 48,772 | .. | .. | .. | 48,772 | | |
| Grand Total .. | 4,52,242 | 2,39,832 | 6,92,074 | .. | .. | .. | 6,92,074 | | |

## PALAR ANICUT SYSTEM—*Canal Project.*

### No. 2.—Capital Account for and to end of 1934–1935.

| Heads of account. | Direct Charges. Previous. | Direct Charges. 1934–1935. | Direct Charges. Total. | Cost of construction as now estimated (construction estimate closed on 31st March 1896). | Expenditure against closed estimate. |
|---|---|---|---|---|---|
| | RS. | | RS. | RS. | RS. |
| I WORKS— | | | | | |
| (1) *Head Works*— | | | | | |
| C. Works .. .. | 2,08,736 | .. | 2,08,736 | 2,08,736 | 2,08,736 |
| K. Buildings .. .. | 1,847 | .. | 1,847 | 1,847 | 1,847 |
| Total .. | 2,10,583 | .. | 2,10,583 | 2,10,583 | 2,10,583 |
| (2) *Main Canals and Branches*— | | | | | |
| B. Land .. .. | 7,263 | .. | 7,263 | 7,263 | 7,263 |
| D. Regulators .. | 27,509 | .. | 27,509 | 27,509 | 27,509 |
| E. Falls and weirs .. | 1,04,937 | .. | 1,04,937 | 1,04,937 | 1,04,937 |
| F. River and hill torrent works .. | 547 | .. | 547 | 547 | 547 |
| F. (1) Other cross drainage works .. | 2,366 | .. | 2,366 | 2,366 | 2,366 |
| G. Bridges .. .. | 13,977 | .. | 13,977 | 13,977 | 13,977 |
| H. Escapes .. .. | 8,277 | .. | 8,277 | 8,277 | 8,277 |
| K. Buildings .. .. | 5,231 | .. | 5,231 | 5,231 | 5,231 |
| L. Earthwork .. | 1,90,142 | .. | 1,90,142 | 1,90,142 | 1,90,142 |
| N. Tanks and reservoirs .. .. | 36,275 | .. | 36,275 | 36,275 | 36,275 |
| O. Miscellaneous .. | 40,752 | .. | 40,752 | 40,752 | 40,752 |
| Total .. | 4,37,276 | .. | 4,37,276 | 4,37,276 | 4,37,276 |
| (3) *Distributaries*— | | | | | |
| B. Land .. .. | 7,776 | .. | 7,776 | 7,776 | 7,776 |
| C. Works .. .. | 89,092 | .. | 89,092 | 89,092 | 89,092 |
| D. Regulators .. | 1,914 | .. | 1,914 | 1,914 | 1,914 |
| E. Falls and weirs .. | 4,362 | .. | 4,362 | 4,362 | 4,362 |
| F. (1) Other cross drainage works. | 2,174 | .. | 2,174 | 2,174 | 2,174 |
| L. Earthwork .. | 56,867 | .. | 56,867 | 56,867 | 56,867 |
| N. Tanks and reservoirs .. .. | 8,369 | .. | 8,369 | 8,369 | 8,369 |
| O. Miscellaneous .. | 4,680 | .. | 4,680 | 4,680 | 4,680 |
| Total .. | 1,75,234 | .. | 1,75,234 | 1,75,234 | 1,75,234 |
| (6) *Special tools and plant* .. | .. | .. | .. | .. | .. |
| Provision for unforeseen works. | .. | .. | .. | .. | .. |
| Total outlay on current sanctions .. .. .. .. | 8,23,093 | .. | 8,23,093 | 8,23,093 | 8,23,093 |
| Old outlay .. .. .. | 10,26,978 | .. | 10,26,978 | 10,26,978 | 10,26,978 |
| Total, Works .. | 18,50,071 | .. | 18,50,071 | 18,50,071 | 18,50,071 |
| II. ESTABLISHMENT .. .. | 4,69,061 | .. | 4,69,061 | 4,69,061 | 4,69,061 |
| III. TOOLS AND PLANT .. | 30,042 | .. | 30,042 | 30,042 | 30,042 |
| Grand Total .. | 23,49,174 | .. | 23,49,174 | 23,49,174 | 23,49,174 |
| V. *Less*—RECEIPTS ON CAPITAL ACCOUNT .. .. .. | 672 | .. | 672 | 672 | 672 |
| Net Total .. | 23,48,502 | .. | 23,48,502 | 23,48,502 | 23,48,502 |
| Chargeable to 43. Provincial—Irrigation .. .. .. | 23,36,184 | .. | 23,36,184 | .. | .. |
| Chargeable to 55-A. Irrigation Works—(1) Productive .. | 8,853 | .. | 8,853 | .. | .. |
| Chargeable to 55-A. Irrigation—(2) Unproductive .. .. | 3,465 | .. | 3,465 | .. | .. |
| Total .. | 23,48,502 | .. | 23,48,502 | .. | .. |



## PALAR ANICUT SYSTEM—*Canal Project*—cont.

### No. 3. Revenue Account for and to end of 1934–1935.

| Receipts. | Total. Previous. | Total. 1934–1935. | Total. Total. |
|---|---|---|---|
| | RS. | RS. | RS. |
| I. DIRECT RECEIPTS— | | | |
| 1. Water rates .. .. .. | 5 | ... | 5 |
| 5. Receipts from plantations .. | 25,657 | 387 | 26,044 |
| 6. Receipts from other canal produce .. .. .. | 46,710 | 74 | 46,784 |
| 9. Rents of buildings .. .. | 5,938 | 315 | 6,253 |
| 10. Fines .. .. .. .. | 64 | .. | 64 |
| 11. Miscellaneous .. .. | 34,245 | 163 | 34,408 |
| Recoveries of expenditure .. | 71 | 1 | 72 |
| *Deduct*—Refunds .. .. | 1,648 | .. | 1,648 |
| Total, Revenue realized in Public Works Department .. .. | 1,11,042 | 940 | 1,11,982 |
| Irrigation Revenue realized in Civil Department .. .. | 83,41,699 | 1,46,442 | 84,88,141 |
| Total, Direct Receipts .. | 84,52,741 | 1,47,382 | 86,00,123 |
| II. INDIRECT RECEIPTS— | | | |
| Share of land revenue collected in the Civil Department .. .. | 11,48,666 | 16,843 | 11,65,509 |
| Total, Public Works and Civil Departments, Revenue .. | 96,01,407 | 1,64,225 | 97,65,632 |

| Charges. | Total. Previous. | Total. 1934–1935. | Total. Total. |
|---|---|---|---|
| | RS. | RS. | RS. |
| I. EXTENSIONS AND IMPROVEMENTS— | | | |
| (1) Head works .. .. .. | 2,13,694 | 626 | 2,14,320 |
| (2) Main canals and branches .. | 1,85,007 | .. | 1,85,007 |
| (3) Distributaries .. .. .. | 2,63,119 | 7,033 | 2,70,152 |
| (4) Drainage and protective works .. | 1,152 | .. | 1,152 |
| (5) Special tools and plant .. | .. | .. | .. |
| *Add*—Unclassifiable outlay .. .. | 32,342 | .. | 32,342 |
| Total .. | 6,95,314 | 7,659 | 7,02,973 |
| II. MAINTENANCE AND REPAIRS— | | | |
| (1) Head works .. .. .. | 3,30,007 | 678 | 3,30,685 |
| (2) Main canals and branches .. | 10,88,397 | 16,003 | 11,04,400 |
| (3) Distributaries .. .. | 14,42,227 | 68,399 | 15,10,626 |
| (4) Drainage and protective works .. | 5,742 | .. | 5,742 |
| (5) Special tools and plant .. .. | .. | .. | .. |
| *Add*—Unclassifiable outlay .. .. | 99,655 | .. | 99,655 |
| Total .. | 29,66,028 | 85,080 | 30,51,108 |
| Total, Extensions and Improvements and Maintenance and Repairs .. .. | 36,61,342 | 92,739 | 37,54,081 |
| IV. ESTABLISHMENT .. .. .. | 9,51,562 | 29,010 | 9,80,572 |
| V. TOOLS AND PLANT .. .. .. | 25,637 | 441 | 26,078 |
| VI. REFUNDS OF REVENUE.. .. .. | 10,393 | .. | 10,393 |
| *Deduct*—Recoveries on Revenue account .. | 19 | .. | 19 |
| Total, Direct Charges .. | 46,48,915 | 1,22,190 | 47,71,105 |

## PALAR ANICUT SYSTEM—*Canal Project*—cont.

### No. 3.—Revenue Account for and to end of 1934–1935—*cont.*

| Receipts. | TOTAL. Previous. | TOTAL. 1934–1935. | TOTAL. Total. |
|---|---|---|---|
| | RS. | RS. | RS. |
| Total, Receipts .. | 96,01,407 | 1,64,225 | 97,65,632 |
| * Direct— | | | |
| Extensions and improvements .. .. | | | |
| Maintenance and repairs .. .. | | | |
| Establishment .. .. .. | | | |
| Tools and plant .. .. | | | |
| Indirect .. .. | | | |

| Charges. | TOTAL. Previous. | TOTAL. 1934–1935. | TOTAL. Total. |
|---|---|---|---|
| | RS. | RS. | RS. |
| Share of collection charges in the Civil Department .. .. .. .. | 5,07,178 | 8,114 | 5,15,292 |
| Indirect charges .. .. .. | 1,33,916 | 927 | 1,34,843 |
| Total, Direct and Indirect Charges .. | 52,90,009 | 1,31,231 | 54,21,240 |
| *Deduct*—Old maintenance charges saved to Government * .. .. .. | 3,23,182 | 4,047 | 3,27,229 |
| Balance, net revenue .. .. | 49,66,827 | 1,27,184 | 50,94,011 |
| Net Total .. .. | 46,34,580 | 37,041 | 46,71,621 |
| Grand Total .. .. | 96,01,407 | 1,64,225 | 97,65,632 |

| | RS. |
|---|---|
| .. .. .. .. | 178 |
| .. .. .. .. | 2,909 |
| .. .. .. .. | 913 |
| .. .. .. .. | 16 |
| Total, Direct .. .. | 4,016 |
| .. .. .. .. | 31 |
| Total, Direct and Indirect .. | 4,047 |



## PALAR ANICUT SYSTEM—*Canal Project*—cont.

### No. 4.—Interest Account for and to end of 1934–1935.

| | Amount. RS. | | Amount. RS. |
|---|---|---|---|
| Total interest charges to end of 1933–1934 .. .. .. | 51,29,827 | Net revenue realized to end of 1933–1934 .. .. .. | 46,34,580 |
| Total interest charges for the year 1934–1935 .. .. .. | 78,547 | Net revenue realized during 1934–1935 .. .. .. | 37,041 |
| | | Balance, net interest charges .. | 5,36,753 |
| Total .. | 52,08,374 | Total .. | 52,08,374 |
| * Interest at 3·3252 per cent on the outlay to end of 1916–1917. | 77,248 | | |
| Interest at 5·12 per cent on the outlay of Rs. 25,379 from 1917–1918 to end of 1933–1934 and half the outlay during 1934–1935 .. .. .. .. | 1,299 | | |
| Total .. | 78,547 | | |

### No. 5.—Account of Indirect Charges for and to end of 1934–1935.

| Particulars. | Previous. | 1934–1935. | Total. |
|---|---|---|---|
| | RS. | RS. | RS. |
| CAPITAL— | | | |
| Capitalization of abatement of land revenue .. | 25,558 | .. | 25,558 |
| Leave and pension allowances .. .. .. | 91,644 | .. | 91,644 |
| Audit and accounts .. .. .. .. | 102 | .. | 102 |
| Total .. | 1,17,304 | .. | 1,17,304 |
| REVENUE— | | | |
| Capitalization of abatement of land revenue .. | 2,638 | .. | 2,638 |
| Leave and pension allowances .. .. .. | 1,21,432 | .. | 1,21,432 |
| Audit and accounts .. .. .. .. .. | 9,846 | 927 | 10,773 |
| Total .. | 1,33,916 | 927 | 1,34,843 |
| Grand Total .. | 2,51,220 | 927 | 2,52,147 |

## PALAR ANICUT SYSTEM—*Canal Project*—cont.

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

| Particulars. | Charges against closed sanctions. | | | Current sanctions. | | | Remarks. | |
|---|---|---|---|---|---|---|---|---|
| | Expenditure against construction estimate. | Expenditure against open canal sanction. | Total. | Charges to date. | Amount of sanctioned estimate. | Unspent balance of estimate. | Total charges to date against old and current sanctions. | G.O. No. and date. | Amount of estimate. |
| | RS. | RS. | RS. | | | | RS. | | |
| *Direct charges.* | | | | | | | | | |
| Works .. .. | 15,22,878 | 3,27,193 | 18,50,071 | .. | .. | .. | 18,50,071 | | |
| Establishment .. | 3,99,070 | 69,991 | 4,69,061 | .. | .. | .. | 4,69,061 | | |
| Tools and plant .. | 29,875 | 167 | 30,042 | .. | .. | .. | 30,042 | | |
| Suspense account .. | .. | .. | .. | .. | .. | .. | .. | | |
| Total .. | 19,51,823 | 3,97,351 | 23,49,174 | .. | .. | .. | 23,49,174 | | |
| *Less*—Receipts on Capital Account .. | .. | 672 | 672 | .. | .. | .. | 672 | | |
| Net Total .. | 19,51,823 | 3,96,679 | 23,48,502 | .. | .. | .. | 23,48,502 | | |
| *Indirect Charges.* | | | | | | | | | |
| 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 | .. | .. | .. | 102 | | |
| Total .. | 1,05,030 | 12,274 | 1,17,304 | .. | .. | .. | 1,17,304 | | |
| Grand Total .. | 20,56,853 | 4,08,953 | 24,65,806 | .. | .. | .. | 24,65,806 | | |



## RUSHIKULYA SYSTEM—*Tank Project.*

### No. 2.—Capital Account for and to end of 1934–1935.

| Heads of account. | Direct Charges. Previous. | 1934–1935. | Total. | Cost of construction as now estimated (construction estimate closed on 31st March 1901). | Expenditure against closed estimate. |
|---|---|---|---|---|---|
| | RS. | RS. | RS. | RS. | RS. |
| I. WORKS— | | | | | |
| (1) *Head Works*— | | | | | |
| A. Preliminary expenses .. .. | 15,476 | .. | 15,476 | 15,476 | 15,476 |
| B. Land .. .. | 1,70,021 | .. | 1,70,021 | 1,70,021 | 1,70,021 |
| C. Works .. .. | 14,10,347 | .. | 14,10,347 | 14,10,347 | 14,10,347 |
| K. Buildings .. .. | 24,771 | 2,400 | 27,171 | 29,171 | 24,771 |
| L. Earthwork .. | 24,017 | .. | 24,017 | 24,017 | 24,017 |
| O. Miscellaneous .. | 12,844 | .. | 12,844 | 12,844 | 12,844 |
| P. Maintenance .. | 6,180 | .. | 6,180 | 6,180 | 6,180 |
| Total .. | 16,63,656 | 2,400 | 16,66,056 | 16,68,056 | 16,63,656 |
| (2) *Main Canals and Branches*— | | | | | |
| A. Preliminary expenses .. .. | 5,902 | .. | 5,902 | 5,902 | 5,902 |
| B. Land .. .. | 1,31,469 | 446 | 1,31,915 | 1,32,887 | 86,387 |
| C. Works .. .. | 7,090 | .. | 7,090 | 7,090 | 7,090 |
| D. Regulators .. | 38,107 | 138 | 38,245 | 38,995 | 24,945 |
| E. Falls and weirs .. | 10,200 | .. | 10,200 | 10,200 | 10,200 |
| F. (1) Other cross drainage works. | 5,42,841 | 325 | 5,43,166 | 5,52,390 | 4,56,370 |
| G. Bridges .. .. | 1,15,774 | 151 | 1,15,925 | 1,15,930 | 1,09,740 |
| I. Navigation Works. | 1 | .. | 1 | 1 | 1 |
| K. Buildings .. .. | 16,810 | .. | 16,810 | 17,565 | 12,890 |
| L. Earthwork .. | 10,02,474 | — 681 | 10,01,793 | 10,01,873 | 9,48,310 |
| M. Plantations .. | 3,733 | .. | 3,733 | 3,733 | 3,733 |
| N. Tanks and reservoirs .. .. | 978 | .. | 978 | 978 | 978 |
| O. Miscellaneous .. | 12,317 | 616 | 12,933 | 16,711 | 10,306 |
| P. Maintenance .. | 1,694 | .. | 1,694 | 1,694 | 1,694 |
| Total .. | 18,89,390 | 995 | 18,90,385 | 19,05,949 | 16,78,546 |
| (3) *Distributaries*— | | | | | |
| A. Preliminary expenses .. .. | 5,577 | .. | 5,577 | 5,577 | 5,577 |
| B. Land .. .. | 88,978 | 4,359 | 93,337 | 1,01,153 | 88,183 |
| C. Works .. .. | 1,95,970 | 601 | 1,96,571 | 1,98,891 | 1,89,841 |
| L. Earthwork .. | 3,10,361 | 403 | 3,10,764 | 3,18,312 | 3,00,492 |
| O. Miscellaneous .. | 3,949 | 74 | 4,023 | 3,976 | 3,619 |
| Total .. | 6,04,835 | 5,437 | 6,10,272 | 6,27,909 | 5,87,712 |
| (4) *Drainage and Protective Works*— | | | | | |
| L. Earthwork .. | 4,144 | .. | 4,144 | 4,144 | 4,144 |
| Total .. | 4,144 | .. | 4,144 | 4,144 | 4,144 |
| (6) *Special tools and plant* .. | 1,982 | .. | 1,982 | 2,000 | .. |
| Provision for unforeseen works .. | .. | .. | .. | 400 | .. |
| **Total, Works** .. | 41,64,007 | 8,832 | 41,72,839 | 42,08,458 | 39,34,058 |

## RUSHIKULYA SYSTEM—*Tank Project*—cont.

### No. 2.—Capital Account for and to end of 1934-1935—*cont.*

| Heads of account. | Direct Charges. Previous. | 1934-1935. | Total. | Cost of construction as now estimated (construction estimate closed on 31st March 1901). | Expenditure against closed estimate. |
|---|---|---|---|---|---|
| | RS. | RS. | RS. | RS. | RS. |
| II. ESTABLISHMENT .. .. | 9,23,002 | 5,121 | 9,28,123 | 9,20,959 | 8,37,953 |
| III. TOOLS AND PLANT .. .. | 1,31,685 | 76 | 1,31,761 | 1,34,547 | 1,29,059 |
| Grand Total .. | 52,18,694 | 14,029 | 52,32,723 | 52,63,964 | 49,01,070 |
| V. *Less*—RECEIPTS ON CAPITAL ACCOUNT .. | 65,853 | .. | 65,853 | 65,853 | 65,853 |
| (*a*) Net total .. | 51,52,841 | 14,029 | 51,66,870 | 51,98,111 | 48,35,217 |
| (*a*) Chargeable to "35. Protective Works—Irrigation" .. | 47,07,008 | .. | 47,07,008 | | |
| Chargeable to "55 and 16-A., Irrigation Works—2. Unproductive" .. | 4,45,833 | 14,029 | 4,59,862 | | |
| Total .. | 51,52,841 | 14,029 | 51,66,870 | | |



## RUSHIKULYA SYSTEM—*Tank Project*—cont.

### No. 3.—Revenue Account for and to end of 1934-1935.

| Receipts. | Total. Previous. | 1934-1935. | Total. |
|---|---|---|---|
| | RS. | RS. | RS. |
| I. DIRECT RECEIPTS— | | | |
| 1. Water-rates .. .. .. | 25 | .. | 25 |
| 3. Sale of water .. .. .. | 2,325 | 154 | 2,479 |
| 4. Water-supply of towns .. | 30,275 | 1,225 | 31,500 |
| 5. Receipts from plantations .. | 7,683 | 63 | 7,746 |
| 6. Receipts from other canal produce .. .. .. | 34,789 | 937 | 35,726 |
| 8. Navigation receipts .. .. | 24 | .. | 24 |
| 9. Rents of buildings .. .. | 5,333 | 458 | 5,791 |
| 10. Fines .. .. .. .. | 18 | .. | 18 |
| 11. Miscellaneous .. .. .. | 12,837 | 7 | 12,844 |
| *Deduct*—Refunds .. .. | 77 | .. | 77 |
| Total, Revenue realized in Public Works Department .. .. | 93,232 | 2,844 | 96,076 |
| Irrigation revenue realized in Civil Department .. .. .. | 57,34,321 | 1,93,745 | 59,28,066 |
| **Total, Direct Receipts** .. | 58,27,553 | 1,96,589 | 60,24,142 |

| Charges. | Total. Previous. | 1934-1935. | Total. |
|---|---|---|---|
| | RS. | RS. | RS. |
| I. EXTENSIONS AND IMPROVEMENTS— | | | |
| (1) Head works .. .. .. | 52,958 | 3,336 | 56,304 |
| (2) Main canals and branches .. .. | 1,49,700 | 284 | 1,49,984 |
| (3) Distributaries .. .. .. | 77,181 | 661 | 77,842 |
| (4) Drainage and protective works .. | 892 | .. | 892 |
| (5) Special tools and plant .. .. | .. | .. | .. |
| Total .. | 2,80,741 | 4,281 | 2,85,022 |
| II. MAINTENANCE AND REPAIRS— | | | |
| (1) Head works .. .. .. | 5,70,927 | 33,706 | 6,04,633 |
| (2) Main canals and branches .. .. | 10,40,620 | 45,996 | 10,86,616 |
| (3) Distributaries .. .. .. | 4,79,735 | 19,243 | 4,98,978 |
| (4) Drainage and protective works .. | 2,419 | .. | 2,419 |
| (5) Special tools and plant .. .. | 1,363 | .. | 1,363 |
| Total .. | 20,95,064 | 98,945 | 21,94,009 |
| Total, Extensions and Improvements and Maintenance and Repairs .. .. | 23,75,805 | 1,03,226 | 24,79,031 |
| IV. ESTABLISHMENT .. .. .. | 7,92,878 | 66,785 | 8,59,663 |
| V. TOOLS AND PLANT .. .. .. | 43,390 | 886 | 44,276 |
| VI. REFUNDS OF REVENUE.. .. .. | 88 | .. | 88 |
| *Deduct*—Recoveries on Revenue account | 397 | .. | 397 |
| Total, Direct Charges .. | 32,11,764 | 1,70,897 | 33,82,661 |

## RUSHIKULYA SYSTEM—*Tank Project*—cont.

### No. 3.—Revenue Account for and to end of 1934–1935—*cont.*

| Receipts. | Total. Previous. | Total. 1934–1935. | Total. Total. |
|---|---|---|---|
| | RS. | RS. | RS. |
| II. INDIRECT RECEIPTS— | | | |
| Share of land revenue collected in the Civil Department .. | 1,50,199 | 6,220 | 1,56,419 |
| Total, Public Works and Civil Departments, Revenue .. | 59,77,752 | 2,02,809 | 61,80,561 |
| Total, Receipts .. | 59,77,752 | 2,02,809 | 61,80,561 |
| * Direct— | | | |
| Extensions and improvements .. | | | |
| Maintenance and repairs .. | | | |
| Establishment .. | | | |
| Tools and plant .. | | | |
| Indirect .. | | | |

| Charges. | Total. Previous. | Total. 1934–1935. | Total. Total. |
|---|---|---|---|
| | RS. | RS. | RS. |
| Share of collection charges in the Civil Department .. | 2,92,288 | 9,888 | 3,02,176 |
| Indirect charges .. | 76,610 | 1,032 | 77,642 |
| Total, Direct and Indirect charges .. | 35,80,662 | 1,81,817 | 37,62,479 |
| *Deduct*—Old maintenance charge saved to Government .. | 1,45,804 | 8,923 | 1,54,727 |
| Net Total .. | 34,34,858 | 1,72,894 | 36,07,752 |
| Balance, Net revenue .. | 25,42,894 | 29,915 | 25,72,809 |
| Grand Total .. | 59,77,752 | 2,02,809 | 61,80,561 |
| | RS. | | |
| .. | 1,475 | | |
| .. | 4,108 | | |
| .. | 3,236 | | |
| .. | 48 | | |
| Total, Direct .. | 8,867 | | |
| .. | 56 | | |
| Total, Direct and Indirect .. | 8,923 | | |



## RUSHIKULYA SYSTEM—*Tank Project*—cont.

### No. 4.—Interest Account for and to end of 1934–1935.

| | Amount. | | Amount. |
|---|---|---|---|
| | RS. | | RS. |
| Total interest charges to end of 1933–1934 .. .. .. | 71,03,995 | Net revenue realized to end of 1933–1934 .. .. .. | 25,42,894 |
| * Total interest charges for the year 1934–1935 .. .. | 1,80,295 | Net revenue realized during 1934–1935 .. .. .. | 29,915 |
| | | Balance net interest charges .. | 47,11,481 |
| Total .. | 72,84,290 | Total .. | 72,84,290 |
| *Interest at 3·3252 per cent on the outlay to end of 1916–1917 .. | 1,55,421 | | |
| Interest at 5·12 per cent on the outlay of Rs. 4,85,807 from 1917–1918 to end of 1933–1934 plus half the outlay during 1934–1935 .. .. .. | 24,874 | | |
| Total .. | 1,80,295 | | |

### No. 5.—Account of Indirect Charges for and to end of 1934–1935.

| Particulars. | Previous. | 1934–1935. | Total. |
|---|---|---|---|
| | RS. | RS. | RS. |
| CAPITAL— | | | |
| Capitalization of abatement of land revenue .. | 3,05,607 | 220 | 3,05,827 |
| Leave and pension allowances .. .. .. | 1,16,818 | .. | 1,16,818 |
| Audit and accounts .. .. .. .. .. | 3,312 | 88 | 3,400 |
| Total .. | 4,25,737 | 308 | 4,26,045 |
| REVENUE— | | | |
| Capitalization of abatement of land revenue | 1,530 | .. | 1,530 |
| Leave and pension allowances .. .. .. | 62,515 | .. | 62,515 |
| Audit and accounts .. .. .. .. .. | 12,565 | 1,032 | 13,597 |
| Total .. | 76,610 | 1,032 | 77,642 |
| Grand Total .. | 5,02,347 | 1,340 | 5,03,687 |

## RUSHIKULYA SYSTEM—*Tank Project*—cont.

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

| Particulars. | Charges against closed sanctions. | | | Current sanctions. | | | | Remarks. | |
|---|---|---|---|---|---|---|---|---|---|
| | Expenditure against construction estimate. | Expenditure against open canal sanction. | Total. | Charges to date. | Amount of sanctioned estimate. | Unspent balance of estimate. | Total charges to date against old and current sanctions. | G.O. No. and date. | Amount of estimate. |
| | RS. | RS. | RS. | RS. | RS. | RS. | RS. | | RS. |
| *Direct Charges.* | | | | | | | | | |
| Works .. .. | 35,19,326 | 4,14,732 | 39,34,058 | 2,33,781 | 2,74,400 | 35,619 | 41,72,839 | Mis. 1816 L., 23rd Aug. 1927 and 1101 L., 20th May 1932. | 2,70,000 |
| Establishment .. .. | 7,46,990 | 90,963 | 8,37,953 | 90,170 | 83,006 | — 7,164 | 9,28,123 | | |
| Tools and plant .. .. | 1,26,941 | 2,118 | 1,29,059 | 2,702 | 5,488 | 2,786 | 1,31,761 | | |
| Suspense account .. .. | .. | .. | .. | .. | .. | .. | .. | | |
| | 43,93,257 | 5,07,813 | 49,01,070 | 3,31,653 | 3,62,894 | 31,241 | 52,32,723 | | |
| *Less*—Receipts on capital account .. | 7,851 | 58,002 | 65,853 | .. | .. | .. | 65,853 | | |
| Net Total .. | 43,85,406 | 4,49,811 | 48,35,217 | 3,31,653 | 3,62,894 | 31,241 | 51,66,870 | | |
| *Indirect Charges.* | | | | | | | | | |
| Capitalized abatement of land revenue .. | 2,92,911 | 12,588 | 3,05,499 | 328 | .. | — 328 | 3,05,827 | Divisional register No. 1 of May 1931. | 4,400 |
| Leave and pension allowances .. .. | 1,04,579 | 12,239 | 1,16,818 | .. | .. | .. | 1,16,818 | | |
| Audit and accounts .. .. | .. | 1,012 | 1,012 | 2,388 | 2,744 | 356 | 3,400 | | |
| Total .. | 3,97,490 | 25,839 | 4,23,329 | 2,716 | 2,744 | 28 | 4,26,045 | | |
| Grand Total .. | 47,82,896 | 4,75,650 | 52,58,546 | 3,34,369 | 3,65,638 | 31,269 | 55,92,915 | Total .. | 2,74,400 |



## MUNIYERU SYSTEM—*Canal Project.*

### No. 2.—Capital Account for and to end of 1934–1935.

| Heads of account. | Direct Charges. | | | Cost of construction as now estimated; closed in 1901–1902. | Expenditure against closed estimate. |
|---|---|---|---|---|---|
| | Previous. | 1934–1935. | Total. | | |
| | RS. | | RS. | RS. | RS. |
| WORKS— | | | | | |
| (1) *Head Works*— | | | | | |
| A. Preliminary expenses .. .. | 57 | .. | 57 | 57 | 57 |
| C. Works .. .. | 54,547 | .. | 54,547 | 54,547 | 54,547 |
| K. Buildings .. .. | 5,822 | .. | 5,822 | 5,822 | 5,822 |
| P. Maintenance .. | 9,815 | .. | 9,815 | 9,815 | 9,815 |
| Total .. | 70,241 | .. | 70,241 | 70,241 | 70,241 |
| (2) *Main canals and branches*— | | | | | |
| B. Land .. .. | 10,011 | .. | 10,011 | 10,011 | 10,011 |
| D. Regulators .. | 12,042 | .. | 12,042 | 12,042 | 12,042 |
| E. Falls and weirs .. | .. | .. | .. | .. | .. |
| F. River and hill torrent works .. | 3,046 | .. | 3,046 | 3,046 | 3,046 |
| F. (1) Other cross drainage works. | 85,903 | .. | 85,903 | 85,903 | 85,903 |
| G. Bridges .. .. | 18,938 | .. | 18,938 | 18,938 | 18,938 |
| H. Escapes .. .. | .. | .. | .. | .. | .. |
| K. Buildings .. .. | 4,586 | .. | 4,586 | 4,586 | 4,586 |
| L. Earthwork .. | 1,83,745 | .. | 1,83,745 | 1,83,745 | 1,83,745 |
| N. Tanks and reservoirs .. .. | 6,359 | .. | 6,359 | 6,359 | 6,359 |
| O. Miscellaneous .. | 2,734 | .. | 2,734 | 2,734 | 2,734 |
| P. Maintenance .. | 107 | .. | 107 | 107 | 107 |
| Total .. | 3,27,471 | .. | 3,27,471 | 3,27,471 | 3,27,471 |
| (3) *Distributaries*— | | | | | |
| C. Works .. .. | 23,437 | .. | 23,437 | 23,437 | 23,437 |
| L. Earthwork | 41,198 | .. | 41,198 | 41,198 | 41,198 |
| O. Miscellaneous | 2,449 | .. | 2,449 | 2,449 | 2,449 |
| Total .. | 67,084 | .. | 67,084 | 67,084 | 67,084 |
| (6) *Special tools and plant*— Provision for unforeseen works .. .. | .. | .. | .. | .. | .. |
| Total, Works .. | 4,64,796 | .. | 4,64,796 | 4,64,796 | 4,64,796 |
| II. ESTABLISHMENT .. .. | 1,04,516 | .. | 1,04,516 | 1,04,516 | 1,04,516 |
| III. TOOLS AND PLANT .. .. | 3,728 | .. | 3,728 | 3,728 | 3,728 |
| Grand Total .. | 5,73,040 | .. | 5,73,040 | 5,73,040 | 5,73,040 |
| V. *Less*—RECEIPTS ON CAPITAL ACCOUNT .. | 1,732 | .. | 1,732 | 1,732 | 1,732 |
| Net Total .. | 5,71,308 | .. | 5,71,308 | 5,71,308 | 5,71,308 |
| 43. *Minor Works and Navigation*—Provincial .. .. | 5,68,966 | .. | 5,68,966 | .. | .. |
| 55. *A. Irrigation Works*— 2. Unproductive .. .. | 2,342 | .. | 2,342 | .. | .. |
| Total .. | 5,71,308 | .. | 5,71,308 | .. | .. |

## MUNIYERU SYSTEM—*Canal Project*—cont.

### No. 3.—Revenue Account for and to end of 1934–1935.

| Receipts. | Total. Previous. | 1934–1935. | Total. |
|---|---|---|---|
| | RS. | RS. | RS. |
| I. DIRECT RECEIPTS— | | | |
| 5 Receipts from plantations .. | 1,488 | 48 | 1,536 |
| 6. Receipts from other canal produce .. .. .. | 15,785 | 553 | 16,338 |
| 9. Rents of buildings .. .. | 2,013 | 65 | 2,078 |
| 1. Miscellaneous .. .. | 4,388 | 1 | 4,389 |
| Recoveries of expenditure .. | 6 | .. | 6 |
| Deduct refunds .. .. | 61 | .. | 61 |
| Total, Revenue realized in Public Works Department .. | 23,619 | 667 | 24,286 |
| Irrigation Revenue realized Civil Department .. | 7,45,583 | 47,003 | 7,92,586 |
| Total, Direct Receipts | 7,69,202 | 47,670 | 8,16,872 |

| Charges. | Total. Previous. | 1934–1935. | Total. |
|---|---|---|---|
| | RS. | RS. | RS. |
| I. EXTENSIONS AND IMPROVEMENTS— | | | |
| (1) Head works .. .. .. .. | 2,579 | .. | 2,579 |
| (2) Main canals and branches .. .. | 5,503 | 74 | 5,577 |
| (3) Distributaries .. .. .. .. | 974 | .. | 974 |
| (4) Drainage and protective works .. | 34 | .. | 34 |
| (5) Special tools and plant .. .. | .. | .. | .. |
| Total .. | 9,090 | 74 | 9,164 |
| II. MAINTENANCE AND REPAIRS— | | | |
| (1) Head works .. .. .. .. | 83,374 | 5,517 | 88,891 |
| (2) Main canals and branches .. .. | 1,09,682 | 2,923 | 1,12,605 |
| (3) Distributaries .. .. .. .. | 30,007 | 1,546 | 31,553 |
| (4) Drainage and protective works .. | 10 | .. | 10 |
| (5) Special tools and plant .. .. | .. | .. | .. |
| *Add*—Unclassifiable outlay .. .. | .. | .. | .. |
| Total .. | 2,23,073 | 9,986 | 2,33,059 |
| Total, Extensions and Improvements and Maintenance and Repairs .. .. | 2,32,163 | 10,060 | 2,42,223 |
| IV. ESTABLISHMENT .. .. .. | 77,554 | 4,858 | 82,412 |
| V. TOOLS AND PLANT .. .. .. | 1,921 | 40 | 1,961 |
| VI. REFUNDS OF REVENUE .. .. | 51 | .. | 51 |
| Total, Direct Charges .. | 3,11,689 | 14,958 | 3,26,647 |



| | | | |
|---|---|---|---|
| I. INDIRECT RECEIPTS— | | | |
| Share of Land Revenue collected in the Civil Department .. | 2,875 | 60 | 2,935 |
| Total, Public Works and Civil Departments, Revenue .. | 7,72,077 | 47,730 | 8,19,807 |
| Total, Receipts .. | 7,72,077 | 47,730 | 8,19,807 |

| | | | |
|---|---|---|---|
| Share of collection charges in the Civil Department .. .. .. .. | 37,421 | 2,353 | 39,774 |
| Indirect Charges .. .. .. .. | 8,467 | 100 | 8,567 |
| Total, Direct and Indirect Charges .. | 3,57,577 | 17,411 | 3,74,988 |
| * *Deduct*—Old maintenance charges saved to Government .. .. .. .. | 5,698 | 306 | 6,004 |
| Total, Direct and Indirect Charges .. | 3,51,879 | 17,105 | 3,68,984 |
| Balance, net revenue .. .. .. | 4,20,198 | 30,625 | 4,50,823 |
| Grand Total .. | 7,72,077 | 47,730 | 8,19,807 |

| | RS. |
|---|---|
| * Direct— | |
| Extensions and improvements .. .. .. .. .. .. .. .. .. | .. |
| Maintenance and repairs .. .. .. .. .. .. .. .. .. | 222 |
| Establishment .. .. .. .. .. .. .. .. .. .. | 81 |
| Tools and plant .. .. .. .. .. .. .. .. .. .. | 1 |
| Total, Direct .. | 304 |
| Indirect .. .. .. .. .. .. .. .. .. .. .. | 2 |
| Total, Direct and Indirect .. | 306 |

## MUNIYERU SYSTEM—*Canal Project*—cont.

### No. 4.—Interest Account for and to end of 1934–1935.

| | Amount. RS. | | Amount. RS. |
|---|---|---|---|
| Total interest charges to end of 1933–1934 .. .. .. | 7,38,843 | Net revenue realized to end of 1933–1934 .. .. .. | 4,20,198 |
| * Total interest charges for the year 1934–1935 .. .. | 19,039 | Net revenue realized during 1934–1935 .. .. .. | 30,625 |
| | | Balance, net interest charges .. | 3,07,059 |
| Total .. | 7,57,882 | Total .. | 7,57,882 |
| * Interest at 3·3252 per cent on the outlay to end of 1916–1917. | 18,919 | | |
| Interest at 5·12 per cent on the outlay of Rs. 2,342 from 1917–1918 to end of 1933–1934 plus half the outlay during 1934–1935 .. .. .. .. | 120 | | |
| Total .. | 19,039 | | |

### No. 5.—Account of Indirect Charges for and to end of 1934–1935.

| Particulars. | Previous. RS. | 1934–1935. RS. | Total. RS. |
|---|---|---|---|
| CAPITAL— | | | |
| Capitalization of abatement of land revenue .. | 15,104 | .. | 15,104 |
| Leave and pension allowances .. .. .. | 14,631 | .. | 14,631 |
| Audit and accounts .. .. .. .. | 16 | .. | 16 |
| Total .. | 29,751 | .. | 29,751 |
| REVENUE— | | | |
| Capitalization of abatement of Land Revenue .. | 9 | .. | 9 |
| Leave and pension allowances .. .. .. | 7,547 | .. | 7,547 |
| Audit and accounts .. .. .. .. .. | 911 | 100 | 1,011 |
| Total .. | 8,467 | 100 | 8,567 |
| Grand Total .. | 38,218 | 100 | 38,318 |



ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1934–1935.

## MUNIYERU SYSTEM—*Canal Project*—cont.

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

| Particulars. | CHARGES AGAINST CLOSED SANCTIONS. Expenditure against construction estimate. RS. | Expenditure against open canal sanction. RS. | Total. RS. | CURRENT SANCTIONS. Charges to date. | Amount of sanctioned estimate. | Unspent balance of estimate. | Total charges to date against old and current sanctions. RS. | REMARKS. G.O. No. and date. | Amount of estimate. |
|---|---|---|---|---|---|---|---|---|---|
| *Direct Charges.* | | | | | | | | | |
| Works .. .. | 4,63,179 | 1,617 | 4,64,796 | .. | .. | .. | 4,64,796 | | |
| Establishment .. | 1,03,806 | 710 | 1,04,516 | .. | .. | .. | 1,04,516 | | |
| Tools and plant .. | 3,713 | 15 | 3,728 | .. | .. | .. | 3,728 | | |
| Suspense account .. | .. | .. | .. | .. | .. | .. | .. | | |
| Total .. | 5,70,698 | 2,342 | 5,73,040 | .. | .. | .. | 5,73,040 | | |
| *Less*—Receipts on Capital account .. | 1,732 | .. | 1,732 | .. | .. | .. | 1,732 | | |
| Net Total .. | 5,68,966 | 2,342 | 5,71,308 | .. | .. | .. | 5,71,308 | | |
| *Indirect Charges.* | | | | | | | | | |
| Capitalized abatement of land revenue .. | 15,104 | .. | 15,104 | .. | .. | .. | 15,104 | | |
| Leave and pension allowances .. .. | 14,532 | 99 | 14,631 | .. | .. | .. | 14,631 | | |
| Audit and account .. | .. | 16 | 16 | .. | .. | .. | 16 | | |
| Total .. | 29,636 | 115 | 29,751 | .. | .. | .. | 29,751 | | |
| Grand Total .. | 5,98,602 | 2,457 | 6,01,059 | .. | .. | .. | 6,01,059 | | |

## DONDAPAD TANK—*Tank Project.*

### No. 2.—Capital Account for and to end of 1934–1935.

| Heads of account. | Direct Charges. Previous. | 1934–1935. | Total. | Cost of construction as now estimated (construction estimate closed on 31st March 1903). | Expenditure against closed estimate. |
|---|---|---|---|---|---|
| | RS. | | RS. | RS | RS. |
| I. WORKS— | | | | | |
| (1) *Head Works*— | | | | | |
| B. Land .. .. | 22,423 | .. | 22,423 | 22,423 | 22,423 |
| C. Works .. .. | 28,821 | .. | 28,821 | 28,821 | 28,821 |
| L. Earthwork .. | 38,320 | .. | 38,320 | 38,320 | 38,320 |
| P. Maintenance .. | 10 | .. | 10 | 10 | 10 |
| Total .. | 89,574 | .. | 89,574 | 89,574 | 89,574 |
| (3) *Distributaries*— | | | | | |
| B. Land .. .. | 838 | .. | 838 | 838 | 838 |
| C. Works .. .. | 5,456 | .. | 5,456 | 5,456 | 5,456 |
| L. Earthwork .. | 9,860 | .. | 9,860 | 9,860 | 9,860 |
| O. Miscellaneous .. | 120 | .. | 120 | 120 | 120 |
| Total .. | 16,274 | .. | 16,274 | 16,274 | 16,274 |
| Total, Works .. | 1,05,848 | .. | 1,05,848 | 1,05,848 | 1,05,848 |
| II. ESTABLISHMENT .. .. | 18,945 | .. | 18,945 | 18,945 | 18,945 |
| III. TOOLS AND PLANT .. .. | .. | .. | .. | .. | .. |
| Grand Total .. | 1,24,793 | .. | 1,24,793 | 1,24,793 | 1,24,793 |
| V. *Less*—RECEIPTS ON CAPITAL ACCOUNT .. | 7 | .. | 7 | 7 | 7 |
| (*a*) Net Total .. | 1,24,786 | .. | 1,24,786 | 1,24,786 | 1,24,786 |

(*a*) Chargeable to "43. Minor Works and Navigation—Provincial."



## DONDAPAD TANK—*Tank Project*—cont.

### No. 3.—Revenue Account for and to end of 1934–1935.

| Receipts. | Total. Previous. | 1934–1935. | Total. |
|---|---|---|---|
| | RS. | RS. | RS. |
| I. DIRECT RECEIPTS— | | | |
| 5. Receipts from plantations .. | 165 | .. | 165 |
| 6. Receipts from other canal produce .. .. .. | 632 | 3 | 635 |
| II. Miscellaneous .. .. | 256 | .. | 256 |
| Total, Revenue realized in Public Works Department .. .. | 1,053 | 3 | 1,056 |
| Irrigation Revenue realized in Civil Department .. .. .. | 25,331 | 660 | 25,991 |
| Total, Direct Receipts .. | 26,384 | 663 | 27,047 |
| III. INDIRECT RECEIPTS— Share of land revenue collected in the Civil Department .. | 132 | 10 | 142 |
| Total, Public Works and Civil Departments, Revenue .. | 26,516 | 673 | 27,189 |
| Total, Receipts .. | 26,516 | 673 | 27,189 |

| Charges. | Total. Previous. | 1934–1935. | Total. |
|---|---|---|---|
| | RS. | RS. | RS. |
| I. EXTENSIONS AND IMPROVEMENTS— | | | |
| (1) Head works .. .. .. | 73 | .. | 73 |
| (2) Main canals and branches .. .. | .. | .. | .. |
| (3) Distributaries .. .. .. | 722 | .. | 722 |
| (4) Drainage and productive works .. | .. | .. | .. |
| (5) Special tools and plant .. .. | .. | .. | .. |
| Total .. | 795 | .. | 795 |
| II. MAINTENANCE AND REPAIRS— | | | |
| (1) Head works .. .. .. | 7,216 | .. | 7,216 |
| (2) Main canals and branches .. .. | 149 | .. | 149 |
| (3) Distributaries .. .. .. | 3,683 | .. | 3,683 |
| (4) Drainage and productive works .. | .. | .. | .. |
| (5) Special tools and plant .. .. | .. | .. | .. |
| *Add*—Unclassifiable outlay .. .. | .. | .. | .. |
| Total .. | 11,048 | .. | 11,048 |
| Total, Extensions and Improvements and Maintenance and Repairs .. .. | 11,843 | .. | 11,843 |
| IV. ESTABLISHMENT .. .. .. | 3,847 | 14 (*a*) | 3,861 |
| V. TOOLS AND PLANT .. .. .. | 34 | .. | 34 |
| VI. REFUNDS OF REVENUE .. .. | .. | .. | .. |
| Total, Direct Charges .. .. | 15,724 | 14 | 15,738 |
| Share of collection charges in the Civil Department .. .. .. | 1,270 | 33 | 1,303 |
| Indirect charges .. .. .. | 494 | .. | 494 |
| Total, Direct and Indirect Charges .. | 17,488 | 47 | 17,535 |
| Balance, net revenue .. .. | 9,028 | 626 | 9,654 |
| Grand Total .. | 26,516 | 673 | 27,189 |

(*a*) Water Regulation Establishment.

## DONDAPAD TANK—*Tank Project*—cont.

### No. 4.—Interest Account for and to end of 1934–1935.

| | Amount. | | Amount. |
|---|---|---|---|
| | RS. | | RS. |
| Total interest charges to end of 1933–1934 .. .. .. | 1,78,467 | Net revenue realized to end of 1933–1934 .. .. .. | 9,028 |
| * Total interest charges for the year 1934–1935 .. .. | 4,149 | Net revenue realized during 1934–1935 .. .. .. | 626 |
| | | Balance, net interest charges .. | 1,72,962 |
| Total .. | 1,82,616 | Total .. | 1,82,616 |
| * Interest at 3·3252 per cent on the outlay to end of 1916–1917. | 4,149 | | |
| Interest at 5·12 per cent on the outlay of Rs. nil from 1917–1918 to end of 1933–1934 plus half the outlay during 1934–1935 .. .. .. .. | .. | | |
| Total .. | 4,149 | | |

### No. 5.—Account of Indirect Charges for and to end of 1934–1935.

| Particulars. | Previous. | 1934–1935. | Total. |
|---|---|---|---|
| | RS. | | RS. |
| CAPITAL— | | | |
| Capitalization of abatement of land revenue .. | 12,566 | .. | 12,566 |
| Leave and pension allowances .. .. .. | 2,652 | .. | 2,652 |
| Total .. | 15,218 | .. | 15,218 |
| REVENUE— | | | |
| Leave and pension allowances .. .. .. | 482 | .. | 482 |
| Audit and accounts .. .. .. .. | 12 | .. | 12 |
| Total .. | 494 | .. | 494 |
| Grand Total .. | 15,712 | .. | 15,712 |



## DONDAPAD TANK—*Tank Project*—cont.

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

| Particulars. | CHARGES AGAINST CLOSED SANCTIONS. | | | CURRENT SANCTIONS. | | Total charges to date against old and current sanctions. | REMARKS. | |
|---|---|---|---|---|---|---|---|---|
| | Expenditure against construction estimate. | Expenditure against open canal sanction. | Total. | Charges to date. | Amount of sanctioned estimate. | Unspent balance of estimate. | G.O. No. and date. | Amount of estimate. |
| | RS. | RS. | RS. | | | | | |
| *Direct Charges.* | | | | | | | | |
| Works .. .. | 96,521 | 9,327 | 1,05,848 | .. | .. | .. | | |
| Establishment .. .. | 17,017 | 1,928 | 18,945 | .. | .. | .. | | |
| Tools and plant .. .. | .. | .. | .. | .. | .. | .. | | |
| Suspense account .. .. | .. | .. | .. | .. | .. | .. | | |
| Total .. | 1,13,538 | 11,255 | 1,24,793 | .. | .. | .. | | 1,24,793 |
| *Less*—Receipts on Capital account .. | 7 | .. | 7 | .. | .. | .. | | 7 |
| Net Total .. | 1,13,531 | 11,255 | 1,24,786 | .. | .. | .. | | 1,24,786 |
| *Indirect Charges.* | | | | | | | | |
| Capitalized abatement of land revenue .. | 12,062 | 504 | 12,566 | .. | .. | .. | | 12,566 |
| Leave and pension allowances .. | 2,382 | 270 | 2,652 | .. | .. | .. | | 2,652 |
| Total .. | 14,444 | 774 | 15,218 | .. | .. | .. | | 15,218 |
| Grand Total .. | 1,27,975 | 12,029 | 1,40,004 | .. | .. | .. | | 1,40 004 |

## YERUR TANK—*Tank Project.*

### No. 2.—Capital Account for and to end of 1934–1935.

| Heads of account. | Direct Charges. Previous. | 1934–1935. | Total. | Cost of construction as now estimated (construction estimate closed on 31st March 1907). | Expenditure against closed estimate. |
|---|---|---|---|---|---|
| | RS. | | RS. | RS. | RS. |
| I. WORKS— | | | | | |
| (1) *Head Works*— | | | | | |
| B. Land .. .. | .. | .. | .. | .. | .. |
| C. Works .. .. | 10,767 | .. | 10,767 | 10,767 | 10,767 |
| K. Buildings .. .. | .. | .. | .. | .. | .. |
| L. Earthwork .. | 39,452 | .. | 39,452 | 39,452 | 39,452 |
| O. Miscellaneous .. | .. | .. | .. | .. | .. |
| Total .. | 50,219 | .. | 50,219 | 50,219 | 50,219 |
| (3) *Distributaries*— | | | | | |
| B. Land .. .. | .. | .. | .. | .. | .. |
| C. Works .. .. | .. | .. | .. | .. | .. |
| L. Earthwork .. | .. | .. | .. | .. | .. |
| O. Miscellaneous .. | .. | .. | .. | .. | .. |
| Total .. | .. | .. | .. | .. | .. |
| Provision for unforeseen works. | .. | .. | .. | .. | .. |
| Total, Works .. | 50,219 | .. | 50,219 | 50,219 | 50,219 |
| II. ESTABLISHMENT .. .. | 11,522 | .. | 11,522 | 11,522 | 11,522 |
| III. TOOLS AND PLANT .. .. | .. | .. | .. | .. | .. |
| Grand Total .. | 61,741 | .. | 61,741 | 61,741 | 61,741 |
| V. *Less*—RECEIPTS ON CAPITAL ACCOUNT .. | .. | .. | .. | .. | .. |
| (*a*) Net Total .. | 61,741 | .. | 61,741 | 61,741 | 61,741 |

(*a*) Chargeable to "43. Minor Works and Navigation—Provincial."



## YERUR TANK—*Tank Project*—cont.

### No. 3.—Revenue Account for and to end of 1934–1935.

| Receipts. | Total. Previous. | 1934–1935. | Total. |
|---|---|---|---|
| | RS. | RS. | RS. |
| DIRECT RECEIPTS— | | | |
| 6. Receipts from other canal produce .. .. | .. | .. | .. |
| 9. Rents of buildings .. | .. | .. | .. |
| 11. Miscellaneous .. .. | .. | .. | .. |
| Total, Revenue realized in Public Works Department .. .. | .. | .. | .. |
| Irrigation revenue realized in Civil Department .. .. .. | 53,497 | — 206 | 53,291 |
| Total, Direct Receipts .. .. | 53,497 | — 206 | 53,291 |
| II. INDIRECT RECEIPTS— | | | |
| Share of land revenue collected in the Civil Department .. .. | 1,409 | 86 | 1,495 |
| Total, Public Works and Civil Departments, Revenue .. .. | 54,906 | — 120 | 54,786 |
| Total, Receipts .. .. | 54,906 | — 120 | 54,786 |

| Charges. | Total. Previous. | 1934–1935. | Total. |
|---|---|---|---|
| | RS. | RS. | RS. |
| I. EXTENSIONS AND IMPROVEMENTS— | | | |
| (1) Head works .. .. | 235 | .. | 235 |
| (2) Main canals and branches .. | .. | .. | .. |
| (3) Distributaries .. .. | .. | .. | .. |
| (4) Drainage and protective works .. | .. | .. | .. |
| (5) Special tools and plant .. .. | .. | .. | .. |
| Total .. | 235 | .. | 235 |
| II. MAINTENANCE AND REPAIRS— | | | |
| (1) Head works .. .. | 16,799 | .. | 16,799 |
| (2) Main canals and branches .. | .. | .. | .. |
| (3) Distributaries .. .. | .. | .. | .. |
| (4) Drainage and protective works .. | .. | .. | .. |
| (5) Special tools and plant .. .. | .. | .. | .. |
| Total .. | 16,799 | .. | 16,799 |
| Total, Extensions and Improvements and Maintenance and Repairs .. .. | 17,034 | .. | 17,034 |
| IV. ESTABLISHMENT .. .. .. | 4,351 | (*a*) 152 | 4,503 |
| V. TOOLS AND PLANT .. .. .. | 87 | .. | 87 |
| VI. REFUNDS OF REVENUE .. .. | .. | .. | .. |
| Total, Direct Charges. | 21,472 | 152 | 21,624 |
| Share of collection charges in the Civil Department .. .. .. | 2,746 | — 6 | 2,740 |
| Indirect charges .. .. .. | 424 | .. | 424 |
| Total, Direct and Indirect Charges .. | 24,642 | 146 | 24,788 |
| Balance, net revenue .. .. .. | 30,264 | — 266 | 29,998 |
| Grand Total .. | 54,906 | — 120 | 54,786 |

(*a*) Water regulation establishment.

YERUR TANK—*Tank Project*—cont.

## No. 4.—Interest Account for and to end of 1934–1935.

| | Amount. | | Amount. |
|---|---|---|---|
| | RS. | | RS. |
| Total interest charges to end of 1933–1934 .. .. .. | 61,395 | Net revenue realized to end of 1933–1934 .. .. .. | 30,264 |
| *Total interest charges for the year 1934–1935 .. .. .. | 2,053 | Net revenue realized during 1934–1935 .. .. .. | — 266 |
| | | Balance, net interest charges .. | 33,450 |
| Total .. | 63,448 | Total .. | 63,448 |
| *Interest at 3·3252 per cent on the outlay to end of 1916–1917 .. | 2,053 | | |
| Interest at 5·12 per cent on the outlay of Rs. nil from 1917–1918 to end of 1933–1934 plus half the outlay during 1934 1935 .. .. .. .. | .. | | |
| Total .. | 2,053 | | |

## No. 5.—Account of Indirect Charges for and to end of 1934–1935.

| Particulars. | Previous. | 1934–1935. | Total. |
|---|---|---|---|
| | RS. | | RS. |
| CAPITAL— | | | |
| Leave and pension allowances .. .. .. | 1,612 | .. | 1,612 |
| Total .. | 1,612 | .. | 1,612 |
| REVENUE— | | | |
| Leave and pension allowances .. .. .. | 387 | .. | 387 |
| Audit and accounts .. .. .. .. .. | 37 | .. | 37 |
| Total .. | 424 | .. | 424 |
| Grand Total .. | 2,036 | .. | 2,036 |



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. | REMARKS. | |
|---|---|---|---|---|---|---|---|---|---|
| | Expenditure against construction estimate. | Expenditure against open canal sanction. | Total. | Charges to date. | Amount of sanctioned estimate. | Unspent balance of estimate. | | G.O. No. and date. | Amount of estimate. |
| | RS. | RS. | RS. | | | | RS. | | |
| *Direct Charges.* | | | | | | | | | |
| 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 | | |
| *Less*—Receipts on capital account .. | .. | .. | .. | .. | .. | .. | .. | | |
| Net Total .. | 59,413 | 2,328 | 61,741 | .. | .. | .. | 61,741 | | |
| *Indirect Charges.* | | | | | | | | | |
| 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 | | |

## SAGILERU SYSTEM—*Canal Project.*

### No. 2.—Capital Account for and to end of 1934–1935.

| Heads of account. | Direct Charges. Previous. | 1934-1935. | Total. | Cost of construction as now estimated (construction estimate closed on 31st March 1907). | Expenditure against closed estimate. |
|---|---|---|---|---|---|
| | RS. | | RS. | RS. | RS |
| I. WORKS— | | | | | |
| (1) *Head Works*— | | | | | |
| A. Preliminary expenses .. .. | 3,855 | .. | 3,855 | 3,855 | 3,855 |
| B. Land .. .. | 1,298 | .. | 1,298 | 1,298 | 1,298 |
| C. Works .. .. | 75,377 | .. | 75,377 | 75,377 | 75,377 |
| K. Buildings .. .. | 10,668 | .. | 10,668 | 10,668 | 10,668 |
| O. Miscellaneous .. | 164 | .. | 164 | 164 | 164 |
| P Maintenance .. | 231 | .. | 231 | 231 | 231 |
| Total .. | 91,593 | .. | 91,593 | 91,593 | 91,593 |
| (2) *Main Canals and Branches*— | | | | | |
| B. Land .. .. | 2,804 | .. | 2,804 | 2,804 | 2,804 |
| D. Regulators .. | 25,785 | .. | 25,785 | 25,785 | 25,785 |
| F. (1) Other cross drainage works. | 46,581 | .. | 46,581 | 46,581 | 46,581 |
| G. Bridges .. .. | 23,832 | .. | 23,832 | 23,832 | 23,832 |
| H. Escapes .. .. | 8,062 | .. | 8,062 | 8,062 | 8,062 |
| K. Buildings .. .. | 2,460 | .. | 2,460 | 2,460 | 2,460 |
| L. Earthwork .. | 1,22,383 | .. | 1,22,383 | 1,22,383 | 1,22,383 |
| N. Tanks and reservoirs .. .. | 28,388 | .. | 28,388 | 28,388 | 28,388 |
| O. Miscellaneous .. | 1,669 | .. | 1,669 | 1,669 | 1,669 |
| P. Maintenance .. | 764 | .. | 764 | 764 | 764 |
| Total .. | 2,62,728 | .. | 2,62,728 | 2,62,728 | 2,62,728 |
| (3) *Distributaries*— | | | | | |
| L. Earthwork .. | .. | .. | .. | .. | .. |
| Total .. | .. | .. | .. | .. | .. |
| (6) *Special tools and plant* .. | .. | .. | .. | .. | .. |
| Provision for unforeseen works .. .. | .. | .. | .. | .. | .. |
| Total, Works .. | 3,54,321 | .. | 3,54,321 | 3,54,321 | 3,54,324 |
| II. ESTABLISHMENT .. .. | 80,339 | .. | 80,339 | 80,339 | 80,339 |
| III. TOOLS AND PLANT .. .. | 12,449 | .. | 12,449 | 12,449 | 12,449 |
| Grand Total .. | 4,47,109 | .. | 4,47,109 | 4,47,109 | 4,47,109 |
| V. *Less*—RECEIPTS ON CAPITAL ACCOUNT .. | 1 | .. | 1 | 1 | 1 |
| (*a*) Net Total. | 4,47,108 | .. | 4,47,108 | 4,47,108 | 4,47,108 |

(*a*) Chargeable to "43. Minor Works and Navigation—Provincial."



## SAGILERU SYSTEM—*Canal Project*—cont.

### No. 3.—Revenue Account for and to end of 1934–1935.

| Receipts. | Total. Previous. | 1934-1935. | Total. |
|---|---|---|---|
| | RS. | RS. | RS. |
| I. DIRECT RECEIPTS— | | | |
| 5. Receipts from plantations. | 53 | .. | 53 |
| 6. Receipts from other canal produce .. .. .. | 265 | 14 | 279 |
| 9. Rents of buildings .. | 994 | 53 | 1,047 |
| Recoveries of expenditure .. | 23 | 8 | 31 |
| 11. Miscellaneous and other receipts .. .. .. | 171 | .. | 171 |
| Total, Revenue realized in Public Works Department .. .. | 1,506 | 75 | 1,581 |
| Irrigation Revenue realized in Civil Department .. .. .. | 68,386 | 6,689 | 75,075 |
| Total, Direct Receipts .. | 69,892 | 6,764 | 76,656 |

| Charges. | Total. Previous. | 1934-1935. | Total. |
|---|---|---|---|
| | RS. | RS. | RS |
| I. EXTENSIONS AND IMPROVEMENTS— | | | |
| (1) Head works .. .. .. | 1,109 | 71 | 1,180 |
| (2) Main canals and branches .. .. | 9,370 | .. | 9,370 |
| (3) Distributaries .. .. | 693 | .. | 693 |
| (4) Drainage and protective works .. .. | .. | .. | .. |
| (5) Special tools and plant .. .. | .. | .. | .. |
| Total .. | 11,172 | 71 | 11,243 |
| II. MAINTENANCE AND REPAIRS— | | | |
| (1) Head works .. .. .. | 10,798 | 462 | 11,260 |
| (2) Main canals and branches .. .. | 98,283 | 3,063 | 1,01,346 |
| (3) Distributaries .. .. | 5,534 | 56 | 5,590 |
| (4) Drainage and protective works .. .. | .. | .. | .. |
| (5) Special tools and plant .. .. | .. | .. | .. |
| Total .. | 1,14,615 | 3,581 | 1,18,196 |
| Total, Extensions and Improvements and Maintenance and Repairs .. .. | 1,25,787 | 3,652 | 1,29,439 |
| IV. ESTABLISHMENT .. .. .. | 35,595 | 727 | 36,322 |
| V. TOOLS AND PLANT .. .. .. | 537 | 6 | 543 |
| VI. REFUNDS OF REVENUE .. .. | .. | .. | .. |
| Total, Direct Charges .. .. | 1,61,919 | 4,385 | 1,66,304 |

## SAGILERU SYSTEM—*Canal Project*—cont.

### No. 3.—Revenue Account for and to end of 1934–1935—*cont.*

| Receipts. | Total. Previous. RS. | Total. 1934–1935. RS. | Total. Total. RS. |
|---|---|---|---|
| II. INDIRECT RECEIPTS— | | | |
| Share of land revenue collected in the Civil Department .. .. | 320 | 26 | 346 |
| Total, Public Works and Civil Departments, Revenue .. | 70,212 | 6,790 | 77,002 |
| Net deficit, if any .. .. | 42,290 | —4,679 | 37,611 |
| Total .. | 1,12,502 | 2,111 | 1,14,613 |

| | RS. |
|---|---|
| * Direct— | |
| Extensions and Improvements .. .. .. | 500 |
| Maintenance and Repairs .. .. .. .. | 1,685 |
| Establishment .. .. .. .. .. | 436 |
| Tools and plant .. .. .. .. | 4 |
| Total, Direct .. | 2,625 |

| Charges. | Total. Previous. RS. | Total. 1934–1935. RS. | Total. Total. RS. |
|---|---|---|---|
| Share of collection charges in the Civil Department .. .. .. .. | 3,435 | 336 | 3,771 |
| Indirect charges .. .. .. .. | 4,121 | 37 | 4,158 |
| Total, Direct and Indirect Charges | 1,69,475 | 4,753 | 1,74,233 |
| * *Deduct* Old maintenance charges saved to Government .. .. .. | 56,973 | 2,647 | 59,620 |
| Net Total .. | 1,12,502 | 2,111 | 1,14,613 |
| Net revenue .. .. .. | .. | .. | .. |
| Grand Total .. | 1,12,502 | 2,111 | 1,14,613 |

| | RS. |
|---|---|
| Indirect .. .. .. .. .. | 22 |
| Total, Direct and Indirect .. | 2,647 |



## SAGILERU SYSTEM—*Canal Project*—cont.

### No. 4.—Interest Account for and to end of 1934–1935.

| | RS. | Amount. RS. |
|---|---|---|
| Total interest charges to end of 1933–1934 .. .. .. | | 6,08,400 |
| Total interest charges for the year 1934–1935— | | |
| Interest at 3·3252 per cent on the outlay to end of 1916–1917.. | 14,867 | 14,867 |
| Interest at 5·12 per cent on the outlay of Rs. nil from 1917–1918 to end of 1933–1934 + half the outlay during 1934–1935 .. | Nil. | |
| Total .. | | 6,23,267 |

| | Amount. RS. |
|---|---|
| Net revenue realized to end of 1933–1934 .. .. .. | — 42,290 |
| Net revenue realized during 1934–1935 .. .. .. | + 4,679 |
| Balance, net interest charges .. | 6,60,878 |
| Total .. | 6,23,267 |

### No. 5.—Account of Indirect Charges for and to end of 1934–1935.

| Particulars. | Previous. RS. | 1934–1935. RS. | Total. RS. |
|---|---|---|---|
| CAPITAL— | | | |
| Capitalization of abatement of land revenue .. | 6,372 | .. | 6,372 |
| Leave and pension allowances .. .. .. | 11,247 | .. | 11,247 |
| Total .. | 17,619 | .. | 17,619 |
| REVENUE— | | | |
| Leave and pension allowances .. .. .. | 3,540 | .. | 3,540 |
| Audit and accounts .. .. .. .. .. | 581 | 37 | 618 |
| Total .. | 4,121 | 37 | 4,158 |
| Grand Total .. | 21,740 | 37 | 21,777 |

## SAGILEEU 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. | Remarks. | |
|---|---|---|---|---|---|---|---|---|
| | Expenditure against construction estimate. | Expenditure against open canal sanction. | Total. | Charges to date. | Amount of sanctioned estimate. | Unspent balance of estimate. | | |
| | RS. | | RS. | | | RS. | G.O. No. and date | Amount of estimate. |
| *Direct Charges.* | | | | | | | | |
| Works .. .. | 3,54,321 | .. | 3,54,321 | .. | .. | .. | | |
| Establishment .. | 80,339 | .. | 80,339 | .. | .. | .. | | |
| Tools and plant .. | 12,449 | .. | 12,449 | .. | .. | .. | | |
| Suspense account .. | .. | .. | .. | .. | .. | .. | | |
| Total .. | 4,47,109 | .. | 4,47,109 | .. | .. | .. | | |
| *Less*—Receipts on capital account .. | 1 | .. | 1 | .. | .. | .. | | |
| Net Total .. | 4,47,108 | .. | 4,47,108 | .. | .. | .. | | |
| *Indirect Charges.* | | | | | | | | |
| Capitalized abatement of land revenue .. | 6,372 | .. | 6,372 | .. | .. | .. | | |
| Leave and pension allowances .. .. | 11,247 | .. | 11,247 | .. | .. | .. | | |
| Total .. | 17,619 | .. | 17,619 | .. | .. | .. | | |
| Grand Total .. | 4,64,727 | .. | 4,64,727 | .. | .. | .. | | |



## ATMAKUR TANK—*Tank Project.*

### No. 2.—Capital Account for and to end of 1934–1935.

| Heads of account. | Direct Charges. | | | Cost of construction as now estimated (construction estimate closed on 31st August 1907). | Expenditure against closed estimate |
|---|---|---|---|---|---|
| | Previous. | 1934-1935. | Total. | | |
| | RS. | | RS. | RS. | RS. |
| I WORKS— | | | | | |
| (1) *Head Works*— | | | | | |
| B. Land .. .. .. | 10,587 | .. | 10,587 | 10,587 | 10,587 |
| C. Works .. .. .. | 36,966 | .. | 36,966 | 36,966 | 36,966 |
| K. Buildings .. .. | .. | .. | .. | .. | .. |
| L. Earthwork .. .. | 35,535 | .. | 35,535 | 35,535 | 35,535 |
| O. Miscellaneous .. | 75 | .. | 75 | 75 | 75 |
| P. Maintenance .. .. | 66 | .. | 66 | 66 | 66 |
| Total .. | 83,229 | .. | 83,229 | 83,229 | 83,229 |
| (2) *Main Canals and Branches*— | | | | | |
| A. Preliminary expenses. | .. | .. | .. | .. | .. |
| B. Land .. .. .. | .. | .. | .. | .. | .. |
| E. Falls and weirs .. | .. | .. | .. | .. | .. |
| F. (1) Other cross drainage works .. .. | .. | .. | .. | .. | .. |
| G. Bridges .. .. | .. | .. | .. | .. | .. |
| K. Buildings .. .. | .. | .. | .. | .. | .. |
| L. Earthwork .. .. | .. | .. | .. | .. | .. |
| O. Miscellaneous .. | .. | .. | .. | .. | .. |
| P. Maintenance .. .. | .. | .. | .. | .. | .. |
| Total .. | .. | .. | .. | .. | .. |
| (3) *Distributaries*— | | | | | |
| B. Land .. .. .. | 493 | .. | 493 | 493 | 493 |
| C. Works .. .. .. | 3,282 | .. | 3,282 | 3,282 | 3,282 |
| Earthwork .. .. | 5,512 | .. | 5,512 | 5,512 | 5,512 |
| Miscellaneous .. | 249 | .. | 249 | 249 | 249 |
| P. Maintenance .. .. | .. | .. | .. | .. | .. |
| Total .. | 9,536 | .. | 9,536 | 9,536 | 9,536 |
| rovision for unforeseen works. | .. | .. | .. | .. | .. |
| Total, Works .. | 92,765 | .. | 92,765 | 92,765 | 92,765 |
| ESTABLISHMENT .. .. | 19,191 | .. | 19,191 | 19,191 | 19,191 |
| TOOLS AND PLANT .. | 3 | .. | 3 | 3 | 3 |
| Grand Total .. | 1,11,959 | .. | 1,11,959 | 1,11,959 | 1,11,959 |
| eable to 43. Minor Works Navigation—Provincial .. | 1,09,951 | .. | 1,09,951 | | |
| e ble to 55-A. Irrigation Unproductive .. .. | 2,008 | .. | 2,008 | | |
| Grand Total .. | 1,11,959 | .. | 1,11,959 | | |

## ATMAKUR TANK—*Tank Project*—cont.

### No. 3.—Revenue Account for and to end of 1934–1935.

| Receipts. | Total. Previous. RS. | Total. 1934–1935. RS. | Total. Total. RS. |
|---|---|---|---|
| I. DIRECT RECEIPTS— | | | |
| 3. Sale of water .. .. | .. | .. | .. |
| 4. Water-supply of towns | .. | .. | .. |
| 5. Receipts from plantations | .. | .. | .. |
| 6. Receipts from other canal produce .. .. | 3 | 20 | 23 |
| 8. Navigation receipts .. | .. | .. | .. |
| 9. Rents of buildings .. | .. | .. | .. |
| 10. Fines .. .. .. | .. | .. | .. |
| 11. Miscellaneous .. .. | 7 | .. | 7 |
| Total, Revenue realized in the Public Works Department .. | 10 | 20 | 30 |
| Irrigation Revenue realized in Civil Department .. .. | 48,809 | 1,991 | 50,800 |
| Total, Direct Receipts. | 48,819 | 2,011 | 50,830 |
| II. INDIRECT RECEIPTS— | | | |
| Share of Land Revenue collected in the Civil Department .. | .. | .. | .. |
| Total, Public Works and Civil Departments—Revenue .. | 48,819 | 2,011 | 50,830 |
| Total, Receipts .. | 48,819 | 2,011 | 50,830 |

| Charges. | Total. Previous. RS. | Total. 1934–1935. RS. | Total. Total. RS. |
|---|---|---|---|
| I. EXTENSIONS AND IMPROVEMENTS— | | | |
| (1) Head works .. .. .. | 766 | .. | 766 |
| (2) Main canals and branches .. .. | .. | .. | .. |
| (3) Distributaries .. .. .. | 136 | .. | 136 |
| (4) Drainage and protective works .. | .. | .. | .. |
| (5) Special tools and plant .. .. | .. | .. | .. |
| Total .. | 902 | .. | 902 |
| II. MAINTENANCE AND REPAIRS— | | | |
| (1) Head works .. .. | 7,342 | .. | 7,342 |
| (2) Main canals and branches .. | 473 | .. | 2,988 |
| (3) Distributaries .. .. | 3,472 | 2,515 | 3,472 |
| (4) Drainage and protective works .. | .. | .. | .. |
| (5) Special tools and plant .. .. | .. | .. | .. |
| *Add*—Unclassifiable outlay .. | .. | .. | .. |
| Total .. | 11,287 | 2,515 | 13,802 |
| Total, Extensions and Improvements and Maintenance and Repairs .. .. | 12,189 | 2,515 | 14,704 |
| IV. ESTABLISHMENT .. .. .. | 5,146 | 1,013 | 6,159 |
| V. TOOLS AND PLANT .. .. .. | 60 | 10 | 70 |
| *Deduct*—Recoveries on Revenue account .. | 100 | .. | 100 |
| Total, Direct Charges .. | 17,295 | 3,538 | 20,833 |
| Share of collection charges in the Civil Department .. .. .. | 2,439 | 100 | 2,539 |
| Indirect charges .. .. .. | 625 | 25 | 650 |
| Total, Direct and Indirect Charges .. | 20,359 | 3,663 | 24,022 |
| Balance, net revenue .. .. | 28,460 | — 1,652 | 26,808 |
| Grand Total .. | 48,819 | 2,011 | 50,830 |



## ATMAKUR TANK—*Tank Project*—cont.

### No. 4.—Interest Account for and to end of 1934–1935.

| | | Amount. RS. | | Amount. RS. |
|---|---|---|---|---|
| Total interest charges to end of 1933–1934 .. .. .. | | 1,10,807 | Net revenue realized to end of 1933–1934 .. .. .. | 28,460 |
| Total interest charges for the year 1934–1935— | | | Net revenue realized during 1934–1935 .. .. .. .. | — 1,652 |
| Interest at 3·3252 per cent on the outlay to end of 1916–1917 .. | 3,656 | 3,759 | Balance, net interest charges .. | 87,758 |
| Interest at 5·12 per cent on the outlay of Rs. 2,008 from 1917–1918 to end of 1933–1934 + half the outlay during 1934–1935 .. | 103 | | | |
| Total .. | | 1,14,566 | Total .. | 1,14,566 |

### No. 5.—Account of Indirect Charges for and to end of 1934–1935.

| Particulars. | Previous. RS. | 1934–1935. RS. | Total. RS. |
|---|---|---|---|
| CAPITAL— | | | |
| Capitalization of abatement of land revenue .. | 10,802 | .. | 10,802 |
| Leave and pension allowances .. .. .. | 2,626 | .. | 2,626 |
| Audit .. .. .. .. .. .. .. | 16 | .. | 16 |
| Total .. | 13,444 | .. | 13,444 |
| REVENUE— | | | |
| Leave and pension allowances .. .. .. | 551 | .. | 551 |
| Audit and accounts .. .. .. .. | 74 | 25 | 99 |
| Total .. | 625 | 25 | 650 |
| Grand Total .. | 14,069 | 25 | 14,094 |

## ATMAKUR TANK—*Tank Project*—cont.

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

| Particulars. | Charges against closed sanctions. | | | Current sanctions. | | | Total charges to date against old and current sanctions. |
|---|---|---|---|---|---|---|---|
| | Expenditure against construction estimate. | Expenditure against open canal sanction. | Total. | Charges to date. | Amount of sanctioned estimate. | Unspent balance of estimate. | |
| | RS. | RS. | RS. | | | | RS. |
| *Direct Charges.* | | | | | | | |
| 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 .. | 10,502 | .. | 10,502 | .. | .. | .. | 10,502 |
| 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 |



## JANGAMAHESWARAPURAM TANK—*Tank Project.*

### No. 2.—Capital Account for and to end of 1934–1935.

| Heads of account. | Direct Charges. | | | Cost of construction as now estimated (construction estimate closed on 31st March 1908). | Expenditure against closed estimate. |
|---|---|---|---|---|---|
| | Previous. | 1934–1935. | Total. | | |
| | RS. | | RS. | RS. | RS. |
| I. WORKS— | | | | | |
| (1) *Head Works* | | | | | |
| B. Land .. .. .. | 13,487 | .. | 13,487 | 13,487 | 13,487 |
| C. Works .. .. | 10,899 | .. | 10,899 | 10,899 | 10,899 |
| K. Buildings .. .. | .. | .. | .. | .. | .. |
| L. Earthwork .. .. | 6,959 | .. | 6,959 | 6,959 | 6,959 |
| O. Miscellaneous .. | 72 | .. | 72 | 72 | 72 |
| Total .. | 31,417 | .. | 31,417 | 31,417 | 31,417 |
| 3) *Distributaries*— | | | | | |
| B. Land .. .. .. | 695 | .. | 695 | 695 | 695 |
| C. Works .. .. | 7,500 | .. | 7,500 | 7,500 | 7,500 |
| L. Earthwork .. .. | 12,704 | .. | 12,704 | 12,704 | 12,704 |
| O. Miscellaneous .. | 248 | .. | 248 | 248 | 247 |
| Total .. | 21,147 | .. | 21,147 | 21,147 | 21,147 |
| rovision for unforeseen works.. | .. | .. | .. | .. | .. |
| Total, Works .. | 52,564 | .. | 52,564 | 52,564 | 52,564 |
| II. ESTABLISHMENT .. .. | 8,689 | .. | 8,689 | 8,689 | 8,689 |
| III. TOOLS AND PLANT .. | .. | .. | .. | .. | .. |
| *Grand Total* .. | 61,253 | .. | 61,253 | 61,253 | 61,253 |
| IV *Less*—RECEIPTS ON CAPITAL ACCOUNT .. .. .. | .. | .. | .. | .. | .. |
| (*a*) Net Total .. | 61,253 | .. | 61,253 | 61,253 | 61,253 |

(*a*) Chargeable to "43. Minor Works and Navigation—Provincial."

## JANGAMAHESWARAPURAM TANK—*Tank Project*—cont.

### No. 3.—Revenue Account for and to end of 1934–1935.

| Receipts. | Total. Previous. | Total. 1934–1935. | Total. Total. |
|---|---|---|---|
| | RS. | RS. | RS. |
| I. DIRECT RECEIPTS— | | | |
| 5. Receipts from plantations. | 2 | .. | 2 |
| 6. Receipts from other canal produce .. .. .. | 1,075 | 294 | 1,369 |
| 11. Miscellaneous .. .. .. | 14 | .. | 14 |
| Total, Revenue realized in Public Works Department .. .. | 1,091 | 294 | 1,385 |
| Irrigation revenue realized in Civil Department .. .. .. | 21,054 | 208 | 21,262 |
| *Total, Direct Receipts* .. | 22,145 | 502 | 22,647 |
| II. INDIRECT RECEIPTS— | | | |
| Share of land revenue collected in the Civil Department .. | .. | .. | .. |
| Total, Public Works and Civil Departments—Revenue .. | 22,145 | 502 | 22,647 |
| (4) Total, Receipts .. | 22,145 | 502 | 22,647 |

| Charges. | Total. Previous. | Total. 1934–1935. | Total. Total. |
|---|---|---|---|
| | RS. | RS. | RS. |
| I. EXTENSIONS AND IMPROVEMENTS— | | | |
| (1) Head works .. .. .. | 177 | .. | 177 |
| (2) Main canals and branches .. .. | 32 | .. | 32 |
| (3) Distributaries .. .. .. | 587 | .. | 587 |
| (4) Drainage and protective works .. | .. | .. | .. |
| (5) Special tools and plant .. .. | .. | .. | .. |
| Total .. | 796 | .. | 796 |
| II. MAINTENANCE AND REPAIRS— | | | |
| (1) Head works .. .. .. | 2,775 | .. | 2,775 |
| (2) Main canals and branches .. .. | 334 | .. | 334 |
| (3) Distributaries .. .. .. | 3,214 | .. | 3,214 |
| (4) Drainage and protective works .. | 467 | .. | 467 |
| (5) Special tools and plant .. .. | .. | .. | .. |
| *Add*—Unclassifiable outlay .. .. | .. | .. | .. |
| Total .. | 6,790 | .. | 6,790 |
| Total, Extensions and Improvements and Maintenance and Repairs .. .. | 7,586 | .. | 7,586 |
| IV. ESTABLISHMENT .. .. .. | 3,104 | (a) 40 | 3,144 |
| V. TOOLS AND PLANT .. .. .. | — 5 | .. | — 5 |
| VI. REFUNDS OF REVENUE .. .. | .. | .. | .. |
| Total, Direct Charges .. | 10,685 | 40 | 10,725 |
| Share of collection charges in the Civil Department .. .. .. | 1,049 | 10 | 1,059 |
| Indirect charges .. .. .. | 350 | .. | 350 |
| Total, Direct and Indirect Charges. | 12,084 | 50 | 12,134 |
| Balance, net revenue .. .. .. | 10,061 | 452 | 10,513 |
| Grand Total .. | 22,145 | 502 | 22,647 |

(a) Water regulation establishment.



## JANGAMAHESWARAPURAM TANK—*Tank Project*—cont.

### No. 4.—Interest Account for and to end of 1934–1935.

| | | Amount. | | Amount. |
|---|---|---|---|---|
| | | RS. | | RS. |
| Total interest charges to end of 1933–1934 .. .. .. | | 63,500 | Net revenue realized to end of 1933–1934 .. .. .. | 10,061 |
| Total interest charges for the year 1934–1935— | | | Net revenue realized during 1934–1935 .. .. .. | 452 |
| Interest at 3·3252 per cent on the outlay to end of 1916–1917 .. | 2,034 | 2,038 | Balance, net interest charges .. | 55,025 |
| Interest at 5·12 per cent on the outlay of Rs. 81 from 1917–1918 to end of 1933–1934 plus half the outlay during 1934–1935. | 4 | | | |
| Total .. | | 65,538 | Total .. | 65,538 |

### No. 5.—Account of Indirect Charges for and to end of 1934–1935.

| Particulars. | Previous. | 1934–1935. | Total. |
|---|---|---|---|
| | RS. | RS. | RS |
| CAPITAL— | | | |
| Capitalization of abatement of land revenue .. | 9,194 | .. | 9,194 |
| Leave and pension allowances .. .. .. | 1,217 | .. | 1,217 |
| Total .. | 10,411 | .. | 10,411 |
| REVENUE— | | | |
| Leave and pension allowances .. .. .. | 317 | .. | 317 |
| Audit and accounts .. .. .. .. .. | 33 | .. | 33 |
| Total .. | 350 | .. | 350 |
| Grand Total .. | 10,761 | .. | 10,761 |

## JANGAMAHESWARAPURAM TANK—*Tank Project*—cont.

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

| Particulars. | Charges against closed sanctions. | | | Current sanctions. | | | | Remarks. | |
|---|---|---|---|---|---|---|---|---|---|
| | Expenditure against construction estimate. | Expenditure against open canal sanction. | Total. | Charges to date. | Amount of sanctioned estimate. | Unspent balance of estimate. | Total Charges to date against old and current sanctions. | G.O. No and date. | Amount of estimate. |
| | RS. | RS. | RS. | | | | RS. | | |
| *Direct Charges.* | | | | | | | | | |
| Works .. .. | 50,930 | 1,534 | 52,564 | .. | .. | .. | 52,564 | | |
| Establishment .. .. | 8,352 | 337 | 8,689 | .. | .. | .. | 8,689 | | |
| Tools and plant .. .. | .. | .. | .. | .. | .. | .. | .. | | |
| Suspense account .. .. | .. | .. | .. | .. | .. | .. | .. | | |
| Total .. | 59,332 | 1,921 | 61,253 | .. | .. | .. | 61,253 | | |
| *Less*—Receipts on Capital account .. | .. | .. | .. | .. | .. | .. | .. | | |
| Net Total .. | 59,332 | 1,921 | 61,253 | .. | .. | .. | 61,253 | | |
| *Indirect Charges.* | | | | | | | | | |
| 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 | | |



## ANAMASAMUDRAM-BERAPERU TANK—*Tank Project.*

### No. 2.—Capital Account for and to end of 1934–1935.

| Heads of account. | Direct Charges. | | | Cost of construction as now estimated (construction estimate closed on 31st March 1910). | Expenditure against closed estimate. |
|---|---|---|---|---|---|
| | Previous. | 1934–1935. | Total. | | |
| | RS. | | RS. | RS. | RS. |
| I. WORKS— | | | | | |
| (2) *Main Canals and Branches*— | | | | | |
| B. Land .. .. .. | 110 | .. | 110 | 110 | 110 |
| C. Works .. .. .. | 6,282 | .. | 6,282 | 6,282 | 6,282 |
| F. River and hill torrent works .. .. | 2,081 | .. | 2,081 | 2,081 | 2,081 |
| F. (1) Other cross drainage works .. | 3,311 | .. | 3,311 | 3,311 | 3,311 |
| L. Earthwork .. .. | 46,528 | .. | 46,528 | 46,528 | 46,528 |
| O. Miscellaneous .. | 109 | .. | 109 | 109 | 109 |
| Total .. | 58,421 | .. | 58,421 | 58,421 | 58,421 |
| Provision for unforeseen works. | .. | .. | .. | .. | .. |
| Total, Works .. | 58,421 | .. | 58,421 | 58,421 | 58,421 |
| II ESTABLISHMENT .. .. | 13,266 | .. | 13,266 | 13,266 | 13,266 |
| III. TOOLS AND PLANT .. | .. | .. | .. | .. | .. |
| Grand Total .. | 71,687 | .. | 71,687 | 71,687 | 71,687 |
| IV. *Less*—RECEIPTS ON CAPITAL ACCOUNT .. .. | .. | .. | .. | .. | .. |
| (*a*) Net Total .. | 71,687 | .. | 71,687 | 71,687 | 71,687 |

(*a*) Chargeable to "43. Minor Works and Navigation—Provincial."

## ANAMASAMUDRAM-BERAPERU TANK—*Tank Project*—cont.

### No. 3.—Revenue Account for and to end of 1934–1935.

| Receipts. | Total. Previous. | 1934–1935. | Total. |
|---|---|---|---|
| | RS. | RS. | RS. |
| DIRECT RECEIPTS— | | | |
| 6. Receipts from other canal produce .. .. .. | .. | .. | .. |
| 9. Rents of buildings .. | .. | .. | .. |
| 11. Miscellaneous .. .. | 32 | .. | 32 |
| Total, Revenue realized in Public Works Department .. .. | 32 | .. | 32 |
| Irrigation Revenue realized in Civil Department .. .. .. | — 92 | 397 | 305 |
| Total, Direct Receipts .. | — 60 | 397 | 337 |
| II. INDIRECT RECEIPTS— | | | |
| Share of land revenue collected in the Civil Department .. | 26 | 1 | 27 |
| Total Public Works and Civil Departments, Revenue .. | — 34 | 398 | 364 |
| Total .. | — 34 | 398 | 364 |

| Charges. | Total. Previous. | 1934–1935. | Total. |
|---|---|---|---|
| | RS. | RS. | RS. |
| I. EXTENSIONS AND IMPROVEMENTS— | | | |
| (1) Head works .. .. .. | 388 | .. | 388 |
| (2) Main canals and branches .. | .. | .. | .. |
| (3) Distributaries .. .. .. | .. | .. | .. |
| (4) Drainage and protective works .. | .. | .. | .. |
| (5) Special tools and plant .. .. | .. | .. | .. |
| Total .. | 388 | .. | 388 |
| II. MAINTENANCE AND REPAIRS— | | | |
| (1) Head works .. .. .. | 6,641 | 891 | 7,532 |
| (2) Main canals and branches .. | 3,205 | .. | 3,205 |
| (3) Distributaries .. .. .. | .. | .. | .. |
| (4) Drainage and protective works .. | .. | .. | .. |
| (5) Special tools and plant .. .. | .. | .. | .. |
| *Add*—Unclassifiable outlay .. .. | .. | .. | .. |
| Total .. | 9,846 | 891 | 10,737 |
| Total, Extensions and Improvements and Maintenance and Repairs .. .. | 10,234 | 891 | 11,125 |
| IV. ESTABLISHMENT .. .. .. | 2,705 | 330 | 3,035 |
| V. TOOLS AND PLANT .. .. .. | 41 | 3 | 44 |
| VI. REFUNDS OF REVENUE .. .. | .. | .. | .. |
| Total, Direct Charges .. | 12,980 | 1,224 | 14,204 |
| Share of collection charges in the Civil Department .. .. .. .. | — 1 | 20 | 19 |
| Indirect charges .. .. .. .. | 189 | 9 | 198 |
| Total, Direct and Indirect Charges .. | 13,168 | 1,253 | 14,421 |
| * *Deduct*— | | | |
| Old maintenance charges saved to Government .. .. .. .. .. | 15,343 | 884 | 16,227 |
| Net Total .. | — 2,175 | 369 | — 1,806 |
| Balance, net revenue .. .. .. | 2,141 | 29 | 2,170 |
| Grand Total .. | — 34 | 398 | 364 |

| | RS. |
|---|---|
| * Direct— | |
| Extensions and improvements .. .. .. .. .. .. .. .. | 28 |
| Maintenance and Repairs .. .. .. .. .. .. .. .. .. | 612 |
| Establishment .. .. .. .. .. .. .. .. .. .. | 235 |
| Tools and plant .. .. .. .. .. .. .. .. .. .. | 2 |
| Total, Direct .. | 877 |
| Indirect .. .. .. .. .. .. .. .. .. .. .. .. | 7 |
| Total, Direct and Indirect .. | 884 |

## ANAMASAMUDRAM-BERAPERU TANK—*Tank Project*—cont.

### No. 4.—Interest Account for and to end of 1934–1935.

| | Amount. | | Amount. |
|---|---|---|---|
| | RS. | | RS. |
| Total interest charges to end of 1933–1934 .. .. .. | 65,633 | Net revenue realized to end of 1933–1934 .. .. .. | 2,141 |
| * Total interest charges for the year 1934–1935 .. .. | 2,384 | Net revenue realized during 1934–1935 .. .. .. .. | 29 |
| | | Balance, net interest charges .. | 65,847 |
| Total .. | 68,017 | Total .. | 68,017 |

| | RS. |
|---|---|
| * Interest at 3·3252 per cent on the outlay to end of 1916–1917 .. | 2,384 |
| Interest at 5·12 per cent on the outlay of rupees nil from 1917–1918 to end of 1933–1934 plus half the outlay during 1934–1935 .. | .. |
| Total .. | 2,384 |

### No. 5.—Account of Indirect Charges for and to end of 1934–1935.

| Particulars. | Previous. | 1934–1935. | Total. |
|---|---|---|---|
| | RS. | RS. | RS. |
| CAPITAL— | | | |
| Capitalization of abatement of land revenue .. | 30 | .. | 30 |
| Leave and pension allowances .. .. .. | 1,856 | .. | 1,856 |
| Total .. | 1,886 | .. | 1,886 |
| REVENUE— | | | |
| Leave and pension allowances .. .. .. | 115 | .. | 115 |
| Audit and Accounts .. .. .. .. .. | 74 | 9 | 83 |
| Total .. | 189 | 9 | 198 |
| Grand Total .. | 2,075 | 9 | 2,084 |



## 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. | Remarks. | |
|---|---|---|---|---|---|---|---|---|---|
| | Expenditure against construction estimate. | Expenditure against open canal sanction. | Total. | Charges to date. | Amount of sanctioned estimate. | Unspent balance of estimate. | | G.O. No. and date. | Amount of estimate. |
| | RS. | RS. | RS. | | | | RS. | | |
| *Direct Charges.* | | | | | | | | | |
| Works .. .. | 52,139 | 6,282 | 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 | | |
| *Less*—Receipts on Capital account .. | .. | .. | .. | .. | .. | .. | .. | | |
| Net Total .. | 64,054 | 7,633 | 71,687 | .. | .. | .. | 71,687 | | |
| *Indirect Charges.* | | | | | | | | | |
| Capitalized abatement of land revenue .. | 30 | .. | 30 | .. | .. | .. | 30 | | |
| Leave and pension allowances .. .. | 1,667 | 189 | 1,856 | .. | .. | .. | 1,856 | | |
| Total .. | 1,697 | 189 | 1,886 | .. | .. | .. | 1,886 | | |
| Grand Total .. | 65,751 | 7,822 | 73,573 | .. | .. | .. | 73,573 | | |

## HAJIPURAM TANK—*Tank Project.*

### No. 2.—Capital Account for and to end of 1934–1935.

| Heads of account. | Direct Charges. Previous. | 1934-1935. | Total. | Cost of construction as now estimated (construction estimate closed on 31st March 1911). | Expenditure against closed estimate. |
|---|---|---|---|---|---|
| | RS. | | RS. | RS. | RS. |
| I. WORKS— | | | | | |
| (1) *Head Works*— | | | | | |
| B. Land .. .. .. | 19,227 | .. | 19,227 | 19,227 | 19,227 |
| C. Works .. .. | 28,750 | .. | 28,750 | 28,750 | 28,750 |
| K. Buildings .. .. | 913 | .. | 913 | 913 | 913 |
| L. Earthwork .. .. | 1,66,992 | .. | 1,66,992 | 1,66,992 | 1,66,992 |
| P. Maintenance .. .. | 3,842 | .. | 3,842 | 3,842 | 3,842 |
| O. Miscellaneous .. | .. | .. | .. | .. | .. |
| Total .. | 2,19,724 | .. | 2,19,724 | 2,19,724 | 2,19,724 |
| (3) *Distributaries*— | | | | | |
| B. Land .. .. .. | 1,156 | .. | 1,156 | 1,156 | 1,156 |
| C. Works .. .. .. | 3,869 | .. | 3,869 | 3,869 | 3,869 |
| L. Earthwork .. .. | 5,421 | .. | 5,421 | 5,421 | 5,421 |
| O. Miscellaneous .. | 516 | .. | 516 | 516 | 516 |
| Total .. | 10,962 | .. | 10,962 | 10,962 | 10,962 |
| Provision for unforeseen works. | .. | .. | .. | .. | .. |
| Total, Works .. | 2,30,686 | .. | 2,30,686 | 2,30,686 | 2,30,686 |
| II. ESTABLISHMENT .. .. | 48,308 | .. | 48,308 | 48,308 | 48,308 |
| III. TOOLS AND PLANT .. | .. | .. | .. | .. | .. |
| Grand Total .. | 2,78,994 | .. | 2,78,994 | 2,78,994 | 2,78,994 |
| V. *Less*—RECEIPTS ON CAPITAL ACCOUNT .. .. .. | 220 | .. | 220 | 220 | 220 |
| (*a*) Net Total .. | 2,78,774 | .. | 2,78,774 | 2,78,774 | 2,78,774 |

(*a*) Chargeable to "43. Minor Works and Navigation—Provincial."



## HAJIPURAM TANK—*Tank Project*—cont.

### No. 3.—Revenue Account for and to end of 1934–1935.

| Receipts. | Total. Previous. | 1934-1935. | Total. |
|---|---|---|---|
| | RS. | RS. | RS. |
| I. DIRECT RECEIPTS— | | | |
| Receipts from other canal produce. | 101 | .. | 101 |
| Miscellaneous .. .. .. | 11,890 | .. | 11,890 |
| Total, Revenue realized in Public Works Department .. .. | 11,991 | .. | 11,991 |
| Irrigation Revenue realized in Civil Department .. .. | 57,501 | 3,641 | 61,142 |
| Total, Direct Receipts .. | 69,492 | 3,641 | 73,133 |
| II. INDIRECT RECEIPTS— | | | |
| Share of land revenue collected in the Civil Department .. | 361 | 15 | 376 |
| Total, Public Works and Civil Departments, Revenue .. | 69,853 | 3,656 | 73,509 |
| Total, Receipts .. | 69,853 | 3,656 | 73,509 |

| Charges. | Total. Previous. | 1934-1935. | Total. |
|---|---|---|---|
| | RS. | RS. | RS. |
| I. EXTENSIONS AND IMPROVEMENTS— | | | |
| (1) Head works .. .. | 1,258 | .. | 1,258 |
| (2) Main canals and branches .. .. | .. | .. | .. |
| (3) Distributaries .. .. | .. | .. | .. |
| (4) Drainage and protective works .. | 130 | .. | 130 |
| (5) Special tools and plant .. .. | .. | .. | .. |
| Total .. | 1,388 | .. | 1,388 |
| II. MAINTENANCE AND REPAIRS— | | | |
| (1) Head works .. .. .. | 7,312 | 1,398 | 8,710 |
| (2) Main canals and branches .. .. | 83 | .. | 83 |
| (3) Distributaries .. .. .. | 232 | .. | 232 |
| (4) Drainage and protective works .. | .. | .. | .. |
| (5) Special tools and plant .. .. | .. | .. | .. |
| *Add*—Unclassifiable outlay .. | .. | .. | .. |
| Total .. | 7,627 | 1,398 | 9,025 |
| Total, Extensions and Improvements and Maintenance and Repairs .. | 9,015 | 1,398 | 10,413 |
| IV. ESTABLISHMENT .. .. .. | 3,567 | 600 | 4,167 |
| V. TOOLS AND PLANT .. .. .. | 63 | 5 | 68 |
| VI. REFUNDS OF REVENUE .. .. | .. | .. | .. |
| Total, Direct Charges .. | 12,645 | 2,003 | 14,648 |
| Share of collection charges in the Civil Department .. .. .. | 2,893 | 183 | 3,076 |
| Indirect charges .. .. .. | 352 | 14 | 366 |
| Total, Direct and Indirect Charges. | 15,890 | 2,200 | 18,090 |
| Balance, net revenue .. | 53,963 | 1,456 | 55,419 |
| Grand Total .. | 69,853 | 3,656 | 73,509 |

## HAJIPURAM TANK—*Tank Project*—cont.

### No. 4.—Interest Account for and to end of 1934–1935.

| | Amount. | | Amount. |
|---|---|---|---|
| | RS. | | RS. |
| *Total interest charges to end of 1932–1933* .. .. .. | 2,69,266 | *Net revenue realized to end of 1932–1933* .. .. .. | 53,963 |
| * *Total interest charges for the year 1933–1934* .. .. | 9,270 | Net revenue realized during 1933–1934 .. .. .. .. | + 1,456 |
| | | Balance, net interest charges .. | 2,23,117 |
| Total .. | 2,78,536 | Total .. | 2,78,536 |

| | RS. |
|---|---|
| * Interest at 3·3252 per cent on the outlay to end of 1916–1917 .. | 9,270 |
| Interest at 5·12 per cent on the outlay of Rs. nil from 1917–1918 to end of 1933–1934 plus half the outlay during 1934–1935 .. | .. |
| Total .. | 9,270 |

### No. 5.—Account of Indirect Charges for and to end of 1934–1935.

| Particulars. | Previous. | 1934–1935. | Total. |
|---|---|---|---|
| | RS. | RS. | RS. |
| CAPITAL— | | | |
| Capitalization of abatement of land revenue .. | 26,346 | .. | 26,346 |
| Leave and pension allowances .. .. .. | 6,763 | .. | 6,763 |
| Total .. | 33,109 | .. | 33,109 |
| REVENUE— | | | |
| Capitalization of abatement of land revenue .. | 105 | .. | 105 |
| Leave and pension allowances .. .. .. | 171 | .. | 171 |
| Audit and accounts .. .. .. .. .. | 76 | 14 | 90 |
| Total .. | 352 | 14 | 366 |
| Grand Total .. | 33,461 | 14 | 33,475 |



## 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. | Remarks. | |
|---|---|---|---|---|---|---|---|---|---|
| | Expenditure against construction estimate. | Expenditure against open canal sanction. | Total. | Charges to date. | Amount of sanctioned estimate. | Unspent balance of estimate. | | G.O. No. and date. | Amount of estimate. |
| | RS. | RS. | RS. | | | | RS. | | |
| *Direct Charges.* | | | | | | | | | |
| Works .. .. | 2,23,024 | 2,662 | 2,30,686 | .. | .. | .. | 2,30,686 | | |
| Establishment .. .. | 47,880 | 428 | 48,308 | .. | .. | .. | 48,308 | | |
| Tools and plant .. .. | .. | .. | .. | .. | .. | .. | .. | | |
| Suspense account .. .. | .. | .. | .. | .. | .. | .. | .. | | |
| Total .. | 2,75,904 | 3,090 | 2,78,994 | .. | .. | .. | 2,78,994 | | |
| *Less*—Receipts on Capital account .. | 220 | .. | 220 | .. | .. | .. | 220 | | |
| Net Total .. | 2,75,684 | 3,090 | 2,78,774 | .. | .. | .. | 2,78,774 | | |
| *Indirect Charges.* | | | | | | | | | |
| 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 | | |

## PONNALUR TANK—*Tank Project.*

### No. 2.—Capital Account for and to end of 1934–1935.

| Heads of account. | Direct Charges. Previous. | 1934–1935. | Total. | Cost of construction as now estimated (construction estimate closed on 31st March 1911). | Expenditure against closed estimate. |
|---|---|---|---|---|---|
| | RS. | | RS. | RS. | RS. |
| I. WORKS— | | | | | |
| (1) *Head Works*— | | | | | |
| B. Land .. .. .. | 20,407 | .. | 20,407 | 20,407 | 20,407 |
| C. Works .. .. .. | 48,656 | .. | 48,656 | 48,656 | 48,656 |
| K. Buildings .. .. | 411 | .. | 411 | 411 | 411 |
| L. Earthwork .. .. | 73,402 | .. | 73,402 | 73,402 | 73,402 |
| O. Miscellaneous .. | 10,211 | .. | 10,211 | 10,211 | 10,211 |
| P. Maintenance .. .. | 1,052 | .. | 1,052 | 1,052 | 1,052 |
| Total .. | 1,54,139 | .. | 1,54,139 | 1,54,139 | 1,54,139 |
| (2) *Main Canals and Branches*— | | | | | |
| A. Preliminary expenses. | .. | .. | .. | .. | .. |
| B. Land .. .. .. | .. | .. | .. | .. | .. |
| E. Falls and weirs .. | .. | .. | .. | .. | .. |
| F. (1) Other cross drainage works .. .. | .. | .. | .. | .. | .. |
| G. Bridges .. .. | .. | .. | .. | .. | .. |
| K. Buildings .. .. | .. | .. | .. | .. | .. |
| L. Earthwork .. .. | .. | .. | .. | .. | .. |
| O. Miscellaneous .. | .. | .. | .. | .. | .. |
| P. Maintenance .. .. | .. | .. | .. | .. | .. |
| Total .. | .. | .. | .. | .. | .. |
| (3) *Distributaries*— | | | | | |
| B. Land .. .. .. | 812 | .. | 812 | 812 | 812 |
| C. Works .. .. .. | 3,959 | .. | 3,959 | 3,959 | 3,959 |
| L. Earthwork .. .. | 1,715 | .. | 1,715 | 1,715 | 1,715 |
| O. Miscellaneous .. | 638 | .. | 638 | 638 | 638 |
| P. Maintenance .. .. | .. | .. | .. | .. | .. |
| Total .. | 7,124 | .. | 7,124 | 7,124 | 7,124 |
| Provision for unforeseen works. | .. | .. | .. | .. | .. |
| Total, Works .. | 1,61,263 | .. | 1,61,263 | 1,61,263 | 1,61,263 |
| II. ESTABLISHMENT .. .. | 31,658 | .. | 31,658 | 31,658 | 31,658 |
| III. TOOLS AND PLANT .. | 54 | .. | 54 | 54 | 54 |
| Grand Total .. | 1,92,975 | .. | 1,92,975 | 1,92,975 | 1,92,975 |
| Chargeable to 43. Minor Works and Navigation—Provincial .. | 1,90,997 | .. | 1,90,997 | .. | .. |
| Chargeable to 55-A. Irrigation—2. Unproductive .. .. | 1,978 | .. | 1,978 | .. | .. |
| Total .. | 1,92,975 | .. | 1,92,975 | .. | .. |



## PONNALUR TANK—*Tank Project*—cont.

### No. 3.—Revenue Account for and to end of 1934–1935.

| Receipts. | Total. Previous. | 1934–1935. | Total. |
|---|---|---|---|
| | RS. | RS. | RS. |
| I. DIRECT RECEIPTS— | | | |
| 5. Receipts from plantations. | .. | .. | .. |
| 6. Receipts from other canal produce .. .. .. | .. | .. | .. |
| 11. Miscellaneous .. .. .. | 176 | .. | 176 |
| *Deduct*—Refunds .. .. | 22 | .. | 22 |
| Total, Revenue realized in Public Works Department | 154 | .. | 154 |
| Irrigation revenue realized in Civil Department .. .. .. | 1,05,715 | 4,323 | 1,10,038 |
| Total, Direct Receipts .. | 1,05,869 | 4,323 | 1,10,192 |
| II. INDIRECT RECEIPTS— | | | |
| Share of land revenue collected in the Civil Department .. | .. | .. | .. |
| Total, Public Works and Civil Departments, Revenue .. | 1,05,869 | 4,323 | 1,10,192 |
| Net deficit, if any .. .. | 14,430 | 6,599 | 21,029 |
| Total .. | 1,20,299 | 10,922 | 1,31,221 |

| Charges. | Total. Previous. | 1934–1935. | Total. |
|---|---|---|---|
| | RS. | RS. | RS. |
| I. EXTENSIONS AND IMPROVEMENTS— | | | |
| (1) Head works .. .. .. | 10,164 | 300 | 10,464 |
| (2) Main canals and branches .. | .. | .. | .. |
| (3) Distributaries .. .. | .. | .. | .. |
| (4) Drainage and protective works | .. | .. | .. |
| (5) Special tools and plant .. | .. | .. | .. |
| Total .. | 10,164 | 300 | 10,464 |
| II. M[illegible]NCE AND REPAIRS— | | | |
| (1) [illegible]ks .. .. .. | 60,718 | 7,376 | 68,094 |
| (2) [illegible]ls and branches .. | 18,071 | .. | 18,071 |
| (3) [illegible]aries .. .. .. | .. | .. | .. |
| (4) Drain[illegible]e and protective works | .. | .. | .. |
| (5) Special tools and plant .. | .. | .. | .. |
| *Add*—Unclassifiable outlay | .. | .. | .. |
| Total .. | 78,789 | 7,376 | 86,165 |
| Total, Extensions and Improvements and Maintenance and Repairs .. | 88,953 | 7,676 | 96,629 |
| IV. ESTABLISHMENT .. .. .. | 23,291 | 2,923 | 26,214 |
| V. TOOLS AND PLANT .. .. .. | 229 | 30 | 259 |
| VI. REFUNDS OF REVENUE .. .. | .. | .. | .. |
| Total, Direct Charges .. | 1,12,473 | 10,629 | 1,23,102 |
| Share of collection charges in the Civil Department .. .. .. | 5,289 | 216 | 5,505 |
| Indirect charges .. .. .. | 2,537 | 77 | 2,614 |
| Total, Direct and Indirect Charges .. | 1,20,299 | 10,922 | 1,31,221 |
| Balance, net revenue .. | .. | .. | .. |
| Grand Total .. | 1,20,299 | 10,922 | 1,31,221 |

## PONNALUR TANK—*Tank Project*—cont.

### No. 4.—Interest Account for and to end of 1934-1935.

| | Amount. | | Amount. |
|---|---|---|---|
| | RS. | | RS. |
| Total interest charges to end of 1933-1934 .. .. .. | 1,90,741 | Net revenue realized to end of 1933-1934 .. .. .. | — 14,130 |
| * Total interest charges for the year 1934-1935 .. .. | 6,892 | Net revenue realized during 1934-1935 .. .. .. .. | — 6,599 |
| | | Balance, net interest charges .. | 2,18,662 |
| Total .. | 1,97,633 | Total .. | 1,97,633 |

| | RS. |
|---|---|
| * Interest at 3·3252 per cent on the outlay to end of 1916-1917 .. | 5,532 |
| Interest at 5·12 per cent on the outlay of Rs. 26,613 from 1917-1918 to end of 1933-1934 plus half the outlay during 1934-1935 .. | 1,360 |
| Total .. | 6,892 |

### No. 5.—Account of Indirect Charges for and to end of 1934-1935.

| Particulars. | Previous. | 1934-1935. | Total. |
|---|---|---|---|
| | RS. | RS. | RS. |
| CAPITAL— | | | |
| Capitalization of abatement of land revenue .. | 21,230 | .. | 21,230 |
| Leave and pension allowances .. .. .. | 4,431 | .. | 4,431 |
| Audit and accounts .. .. .. .. .. | 13 | .. | 13 |
| Total .. | 25,674 | .. | 25,674 |
| REVENUE— | | | |
| Leave and pension allowances .. .. .. | 2,186 | .. | 2,186 |
| Audit and accounts .. .. .. .. .. | 351 | 77 | 428 |
| Total .. | 2,537 | 77 | 2,614 |
| Grand Total .. | 28,211 | 77 | 28,288 |



## PONNALUR TANK—*Tank Project*—cont.

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

| Particulars. | Charges against closed sanctions. | | | Current sanctions. | | | | Remarks. | |
|---|---|---|---|---|---|---|---|---|---|
| | Expenditure against construction estimate. | Expenditure against open canal sanction. | Total. | Charges to date. | Amount of sanctioned estimate. | Unspent balance of estimate. | Total charges to date against old and current sanctions. | G.O. No. and date. | Amount of estimate. |
| | RS. | RS. | RS. | | | | RS. | | |
| *Direct Charges.* | | | | | | | | | |
| Works .. .. | 1,39,349 | 21,914 | 1,61,263 | .. | .. | .. | 1,61,263 | | |
| 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 on Capital account .. | .. | .. | .. | .. | .. | .. | .. | | |
| Net Total .. | 1,66,362 | 26,613 | 1,92,975 | .. | .. | .. | 1,92,975 | | |
| *Indirect Charges.* | | | | | | | | | |
| 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 | .. | .. | .. | 2,18,949 | | |

## MARKAPUR TANK—*Tank Project.*

### No. 2.—Capital Account for and to end of 1934–1935.

| Heads of account. | Direct Charges. Previous. | 1934–1935. | Total. | Cost of construction as now estimated (construction estimate closed on 31st March 1911). | Expenditure against closed estimate. |
|---|---|---|---|---|---|
| | RS. | | RS. | RS. | RS. |
| I. WORKS— | | | | | |
| (1) *Head Works*— | | | | | |
| B. Land .. .. .. | 163 | .. | 163 | 163 | 163 |
| C. Works .. .. .. | 41,177 | .. | 41,177 | 41,177 | 41,177 |
| K. Buildings .. .. | .. | .. | .. | .. | .. |
| L. Earthwork .. .. | .. | .. | .. | .. | .. |
| O. Miscellaneous .. | .. | .. | .. | .. | .. |
| Total .. | 41,340 | .. | 41,340 | 41,340 | 41,340 |
| (2) *Main Canals and Branches*— | | | | | |
| B. Land .. .. .. | 2,499 | .. | 2,499 | 2,499 | 2,499 |
| C. Works .. .. .. | 14,831 | .. | 14,831 | 14,831 | 14,831 |
| E. River and hill torrent works .. .. .. | .. | .. | .. | .. | .. |
| F. (1) Other cross drainage works .. .. | .. | .. | .. | .. | .. |
| K. Buildings .. .. | 887 | .. | 887 | 887 | 887 |
| L. Earthwork .. .. | 41,540 | .. | 41,540 | 41,540 | 41,540 |
| O. Miscellaneous .. | 277 | .. | 277 | 277 | 277 |
| Total .. | 60,034 | .. | 60,034 | 60,034 | 60,034 |
| Provision for unforeseen works | .. | .. | .. | .. | .. |
| Total, Works .. | 1,01,374 | .. | 1,01,374 | 1,01,374 | 1,01,374 |
| II. ESTABLISHMENT .. .. | 23,066 | .. | 23,066 | 23,066 | 23,066 |
| II TOOLS AND PLANT .. | 41 | .. | 41 | 41 | 41 |
| Grand Total .. | 1,24,481 | .. | 1,24,481 | 1,24,481 | 1,24,481 |
| V. *Less*—RECEIPTS ON CAPITAL ACCOUNT .. .. .. | .. | .. | .. | .. | .. |
| * Net Total .. | 1,24,481 | .. | 1,24,481 | 1,24,481 | 1,24,481 |

| | Direct Charges. Previous. | 1932–1933. | Total. |
|---|---|---|---|
| | RS. | | RS. |
| * Chargeable to 43. Minor Works and Navigation —Provincial .. .. .. .. .. | 1,16,657 | .. | 1,16,657 |
| Chargeable to 55-A. Irrigation—2. Unproductive .. .. .. .. .. | 7,824 | .. | 7,824 |
| Total .. | 1,24,481 | .. | 1,24,481 |



## MARKAPUR TANK—*Tank Project*—cont.

### No. 3.—Revenue Account for and to end of 1934–1935.

| Receipts. | Total. Previous. | 1934–1935. | Total. |
|---|---|---|---|
| | RS. | RS. | RS. |
| I. DIRECT RECEIPTS— | | | |
| 5. Receipts from plantations. | .. | .. | .. |
| 6. Receipts from other canal produce .. .. .. | 95 | .. | 95 |
| 11. Miscellaneous .. .. | 233 | .. | 233 |
| Total, Revenue realized in Public Works Department .. .. | 328 | .. | 328 |
| Irrigation Revenue realized in Civil Department .. .. .. | 99,918 | 4,044 | 1,03,962 |
| Total, Direct Receipts .. | 1,00,246 | 4,044 | 1,04,290 |

| Charges. | Total. Previous. | 1934–1935. | Total. |
|---|---|---|---|
| | RS. | RS. | RS. |
| I. EXTENSIONS AND IMPROVEMENTS— | | | |
| (1) Head works .. .. | 872 | .. | 872 |
| (2) Main canals and branches .. | 3,325 | 3,375 | 6,700 |
| (3) Distributaries .. .. | 105 | .. | 105 |
| (4) Drainage and protective works .. | .. | .. | .. |
| (5) Special tools and plant .. .. | .. | .. | .. |
| Total .. | 4,302 | 3,375 | 7,677 |
| II. MAINTENANCE AND REPAIRS— | | | |
| (1) Head works .. .. | 27,459 | 836 | 28,295 |
| (2) Main canals and branches .. | 26,360 | 1,293 | 27,653 |
| (3) Distributaries .. .. | 2,425 | .. | 2,425 |
| (4) Drainage and protective works .. | .. | .. | .. |
| (5) Special tools and plant .. .. | .. | .. | .. |
| Total .. | 56,244 | 2,129 | 58,373 |
| Total, Extensions and Improvements and Maintenance and Repairs .. .. | 60,546 | 5,504 | 66,050 |
| IV. ESTABLISHMENT .. .. .. | 19,181 | 1,213 | 20,394 |
| V. TOOLS AND PLANT .. .. .. | 241 | 9 | 250 |
| VI. REFUNDS OF REVENUE .. .. | .. | .. | .. |
| Total, Direct Charges .. | 79,968 | 6,726 | 86,694 |

## MARKAPUR TANK—*Tank Project*—cont.

### No. 3.—Revenue Account for and to end of 1934–1935—*cont.*

| Receipts. | Total. Previous. | Total. 1934–1935. | Total. Total. |
|---|---|---|---|
| | RS. | RS. | RS. |
| INDIRECT RECEIPTS— | | | |
| Share of Land Revenue collected in the Civil Department .. | 22 | 1 | 23 |
| Total, Public Works and Civil Departments, Revenue .. | 1,00,268 | 4,045 | 1,04,313 |
| Total, Receipts .. | 1,00,268 | 4,045 | 1,04,313 |

* Direct—

| | RS. |
|---|---|
| Extensions and improvements .. | 29 |
| Maintenance and repairs .. | 213 |
| Establishment .. | 49 |
| Tools and plant .. | .. |
| Indirect .. | 291 |
| | 2 |
| Total, Direct and Indirect | 293 |

| Charges. | Total. Previous. | Total. 1934–1935. | Total. Total. |
|---|---|---|---|
| | RS. | RS. | RS. |
| Share of collection charges in the Civil Department .. | 4,996 | 202 | 5,198 |
| Indirect Charges .. | 1,929 | 55 | 1,984 |
| Total, Direct and Indirect Charges .. | 86,893 | 6,983 | 93,876 |
| *Deduct*—Old maintenance charges saved to Government* .. | 6,313 | 293 | 6,606 |
| Net Total .. | 80,580 | 6,690 | 87,270 |
| Balance, net revenue .. | 19,688 | — 2,645 | 17,043 |
| Grand Total .. | 1,00,268 | 4,045 | 1,04,313 |



## MARKAPUR TANK—*Tank Project*—cont.

### No. 4.—Interest Account for and to end of 1934–1935.

| | Amount. | | Amount. |
|---|---|---|---|
| | RS. | | RS. |
| Total interest charges to end of 1933–1934 .. .. .. | 1,05,513 | Net revenue realized to end of 1933–1934 .. .. .. | 19,688 |
| * Total interest charges for the year 1934–1935 .. .. .. | 4,280 | Net revenue realized during 1934–1935 .. .. .. .. | — 2,645 |
| | | Balance, net interest charges .. | 92,750 |
| Total .. | 1,09,793 | Total .. | 1,09,793 |

| | RS. |
|---|---|
| * Interest at 3·3252 per cent on the outlay to end of 1916–1917 .. .. .. | 3,879 |
| Interest at 5·12 per cent on the outlay of Rs. 7,824 from 1917–1918 to end of 1933–1934 plus half the outlay during 1934–1935 .. .. .. .. | 401 |
| Total .. | 4,280 |

### No. 5.—Account of Indirect Charges for and to end of 1934–1935.

| Particulars. | Previous. | 1934–1935. | Total. |
|---|---|---|---|
| | RS. | RS. | RS. |
| CAPITAL— | | | |
| Capitalization of abatement of land revenue .. | 1,595 | .. | 1,595 |
| Leave and pension allowances .. .. .. | 3,206 | .. | 3,206 |
| Audit and accounts .. .. .. .. .. | 58 | .. | 58 |
| Total .. | 4,859 | .. | 4,859 |
| REVENUE— | | | |
| Capitalization of abatement of land revenue .. | 19 | .. | 19 |
| Leave and pension allowances .. .. .. | 1,484 | .. | 1,484 |
| Audit and accounts .. .. .. .. .. | 426 | 55 | 481 |
| Total .. | 1,929 | 55 | 1,984 |
| Grand Total .. | 6,788 | 55 | 6,843 |

## 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. | Remarks. | |
|---|---|---|---|---|---|---|---|---|---|
| | Expenditure against construction estimate. | Expenditure against open canal sanction. | Total. | Charges to date. | Amount of sanctioned estimate. | Unspent balance of estimate. | | G.O. No. and date. | Amount 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 | | |



ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1934–1935.

## NAGAVALLI RIVER SYSTEM—*Canal Project.*

### No. 2.—Capital Account for and to end of 1934–1935.

| Heads of account. | Direct Charges. Previous. | 1934-1935. | Total. | Cost of construction as now estimated (construction estimate closed on 31st December 1913). | Expenditure against closed estimates. |
|---|---|---|---|---|---|
| | RS. | RS. | RS. | RS. | RS. |
| 1. WORKS— | | | | | |
| (1) *Head Works*— | | | | | |
| A. Preliminary expenses. | 48 | .. | 48 | 48 | 48 |
| B. Land .. .. .. | .. | .. | .. | .. | .. |
| C. Works .. .. .. | 4,50,504 | .. | 4,50,504 | 4,50,504 | 4,50,504 |
| K. Buildings .. .. | 20,792 | .. | 20,792 | 20,792 | 20,792 |
| O. Miscellaneous .. | .. | .. | .. | .. | .. |
| Unforeseen works .. | .. | .. | .. | .. | .. |
| Total .. | 4,71,344 | .. | 4,71,344 | 4,71,344 | 4,71,344 |
| (2) *Main Canals and Branches*— | | | | | |
| A. Preliminary expenses. | 2,937 | .. | 2,937 | 2,937 | 2,937 |
| B. Land .. .. .. | 28,266 | .. | 28,266 | 28,266 | 28,266 |
| D. Regulators .. .. | 3,121 | .. | 3,121 | 3,121 | 3,121 |
| E. Falls and weirs .. | 10,847 | .. | 10,847 | 10,847 | 10,847 |
| F. River and hill torrent works .. .. .. | 17 | .. | 17 | 17 | 17 |
| F. (1) Other cross drainage works .. .. | 2,42,440 | .. | 2,42,440 | 2,42,440 | 2,42,440 |
| G. Bridges .. .. | 7,981 | .. | 7,981 | 7,981 | 7,981 |
| H. Escapes .. .. | 822 | .. | 822 | 822 | 822 |
| I. Navigation .. .. | .. | .. | .. | .. | .. |
| K. Buildings .. .. | 10,738 | .. | 10,738 | 10,738 | 10,738 |
| L. Earthwork .. .. | 2,79,678 | .. | 2,79,678 | 2,79,678 | 2,79,678 |
| O. Miscellaneous .. .. | 3,037 | .. | 3,037 | 3,037 | 3,037 |
| P. Maintenance .. .. | .. | .. | .. | .. | .. |
| Unforeseen works .. | 295 | .. | 295 | 295 | 295 |
| Total .. | 5,90,179 | .. | 5,90,179 | 5,90,179 | 5,90,179 |
| (3) *Distributaries*— | | | | | |
| B. Land .. .. .. | 24,662 | 1,222 | 25,884 | 25,992 | 24,662 |
| C. Works .. .. .. | 99,146 | .. | 99,146 | 99,146 | 99,146 |
| L. Earthwork .. .. | 1,12,646 | .. | 1,12,646 | 1,12,646 | 1,12,646 |
| O. Miscellaneous .. .. | 11,400 | 833 | 12,233 | 36,464 | 6,897 |
| P. Maintenance .. .. | .. | .. | .. | .. | .. |
| Unforeseen works .. | .. | .. | .. | .. | .. |
| Total .. | 2,47,854 | 2,055 | 2,49,909 | 2,74,248 | 2,43,351 |
| 6) *Special Tools and Plant*— | | | | | |
| Maintenance during construction .. .. | 16,500 | .. | 16,500 | 16,500 | 16,500 |
| General improvements .. | .. | .. | .. | .. | .. |
| Total, Works .. | 13,25,877 | 2,055 | 13,27,932 | 13,52,271 | 13,21,374 |
| II. ESTABLISHMENT .. .. | 2,71,772 | 1,191 | 2,72,963 | 2,78,426 | 2,70,103 |
| II. TOOLS AND PLANT .. | 93,318 | 18 | 93,336 | 93,900 | 93,282 |
| IV. SUSPENSE ACCOUNTS .. | .. | .. | .. | .. | .. |
| Grand Total .. | 16,90,967 | 3,264 | 16,94,231 | 17,24,597 | 16,84,759 |
| V. *Less*—RECEIPTS ON CAPITAL ACCOUNT .. .. | 4,808 | .. | 4,808 | 4,808 | 4,808 |
| Net Total .. | 16,86,159 | 3,264 | 16,89,423 | 17,19,789 | 16,79,951 |

## NAGAVALLI RIVER SYSTEM—*Canal Project*—cont.

### No. 2.—Capital Account for and to end of 1934–1935—*cont.*

| Heads of account. | Direct Charges. Previous. | 1934–1935. | Total. | Cost of construction as now estimated (construction estimate closed on 31st December 1913). | Expenditure against closed estimates. |
|---|---|---|---|---|---|
| | RS. | RS. | RS. | | |
| *Apportionment*— | | | | | |
| Chargeable to 49. Irrigation. | 16,52,196 | .. | 16,52,196 | .. | .. |
| Chargeable to 43. Minor Works and Navigation —Provincial .. .. | 2,126 | .. | 2,126 | .. | .. |
| Chargeable to 55 and 16-A Irrigation—(2) Unproductive .. .. .. | 31,837 | 3,264 | 35,101 | .. | .. |
| Total .. | 16,86,159 | 3,264 | 16,89,423 | .. | .. |



## NAGAVALLI RIVER SYSTEM—*Canal Project*—cont.

### No. 3.—Revenue Account for and to end of 1934–1935.

| Receipts. | Total. Previous. | 1934–1935. | Total. |
|---|---|---|---|
| | RS. | RS. | RS. |
| I. DIRECT RECEIPTS— | | | |
| 5. Receipts from plantations. | 93 | 11 | 104 |
| 6. Receipts from other canal produce .. .. | 7,640 | 376 | 8,016 |
| 8. Navigation .. .. | 1 | .. | 1 |
| 9. Rents of buildings .. | 2,590 | 34 | 2,624 |
| 11. Miscellaneous .. .. | 4,326 | 164 | 4,490 |
| Recoveries of expenditure. | 252 | .. | 252 |
| *Deduct*—Refunds .. .. | 131 | .. | 131 |
| Total, Revenue realized in Public Works Department .. .. | 14,771 | 585 | 15,356 |
| Irrigation Revenue realized in Civil Department .. .. | 13,53,106 | 76,467 | 14,29,573 |
| Total, Direct Receipts .. | 13,67,877 | 77,052 | 14,44,929 |

| Charges. | Total. Previous. | 1934–1935. | Total. |
|---|---|---|---|
| | RS. | RS. | RS. |
| I. EXTENSIONS AND IMPROVEMENTS— | | | |
| (1) Head works .. .. | 1,778 | .. | 1,778 |
| (2) Main canals and branches .. | 25,417 | 498 | 25,915 |
| (3) Distributaries .. .. | 15,434 | .. | 15,434 |
| (4) Drainage and protective works .. | .. | .. | .. |
| (5) Special tools and plant .. .. | .. | .. | .. |
| Total .. | 42,629 | 498 | 43,127 |
| II. MAINTENANCE AND REPAIRS— | | | |
| (1) Head works .. .. | 95,540 *<br>— 263 | 2,158 | 97,435 |
| (2) Main canals and branches .. | 1,86,328 *<br>+ 263 | 12,913 | 1,99,504 |
| (3) Distributaries .. .. | 53,198 | 1,049 | 54,247 |
| (4) Drainage and protective works .. | .. | 390 | 390 |
| (5) Special tools and plant .. .. | .. | .. | .. |
| *Add*—Unclassifiable outlay .. | .. | .. | .. |
| Total .. | 3,35,066 | 16,510 | 3,51,576 |
| Total, Extensions and Improvements and Maintenance and Repairs .. .. | 3,77,695 | 17,008 | 3,94,703 |
| IV. ESTABLISHMENT .. .. .. | 1,67,849 | 12,048 | 1,79,897 |
| V. TOOLS AND PLANT .. .. .. | 5,620 | 146 | 5,766 |
| VI. REFUNDS OF REVENUE .. .. | 231 | .. | 231 |
| Total, Direct Charges. | 5,51,445 | 29,202 | 5,80,647 |

* Rectification of a wrong classification in 1933–34 accounts.

## NAGAVALLI RIVER SYSTEM—*Canal Project*—cont.

### No. 3.—Revenue Account for and to end of 1934–1935—*cont.*

| Receipts. | Total. Previous. RS. | Total. 1934–1935. RS. | Total. Total. RS. |
|---|---|---|---|
| II. INDIRECT RECEIPTS— | | | |
| Shares of land revenue collected in the Civil Department .. | 2,62,938 | 21,450 | 2,84,388 |
| Total, Public Works and Civil Departments, Revenue .. | 16,30,815 | 98,502 | 17,29,317 |
| Total, Receipts .. | 16,30,815 | 98,502 | 17,29,317 |

| Charges. | Total. Previous. RS. | Total. 1934–1935. RS. | Total. Total. RS. |
|---|---|---|---|
| Share of collection charges in the Civil Department .. .. .. .. | 69,910 | 4,104 | 74,014 |
| Indirect Charges .. .. .. .. | 17,667 | 170 | 17,837 |
| Total, Direct and Indirect Charges. | 6,39,022 | 33,476 | 6,72,498 |
| *Deduct*—Old maintenance charges saved to Government* .. .. .. | 72,243 | 4,626 | 76,869 |
| Net Total .. | 5,66,779 | 28,850 | 5,95,629 |
| Balance, net revenue .. | 10,64,036 | 69,652 | 11,33,688 |
| Grand Total .. | 16,30,815 | 98,502 | 17,29,317 |

* Direct—

| | RS. |
|---|---|
| Extensions and improvements .. .. .. | 1,432 |
| Maintenance and repairs .. .. .. | 1,462 |
| Establishment .. .. .. .. | 1,078 |
| Tools and plant .. .. .. .. | 25 |
| Total, Direct .. | 4,597 |
| Indirect .. .. .. .. | 29 |
| Total, Direct and Indirect .. | 4,626 |



## NAGAVALLI RIVER SYSTEM—*Canal Project*—cont.

### No. 4.—Interest Account for and to end of 1934–1935.

| | RS. | Amount. RS. |
|---|---|---|
| Total interest charges to end of 1933–1934 .. .. .. | | 14,39,692 |
| Total interest charges for the year 1934–1935— | | |
| Interest at 3·3252 per cent on the outlay to end of 1916–1917 .. .. | 54,385 | |
| Interest at 5·12 per cent on the outlay of Rs. 52,241 from 1917–1918 to end of 1933–1934 plus half the outlay during 1934–1935 .. | 2,675 | |
| | | 57,060 |
| Total .. | | 14,96,752 |

| | Amount. RS. |
|---|---|
| Net revenue realized to end of 1933–1934 .. .. .. | 10,64,036 |
| Net revenue realized during 1934–1935 .. .. .. .. | 69,652 |
| Balance net interest charges .. | 3,63,064 |
| Total .. | 14,96,752 |

### No. 5.—Account of Indirect Charges for and to end of 1934–1935.

| Particulars. | Previous. RS. | 1934–1935. RS. | Total. RS. |
|---|---|---|---|
| CAPITAL— | | | |
| Capitalization of abatement of land revenue .. | 4,342 | .. | 4,342 |
| Leave and pension allowances .. .. .. | 37,815 | .. | 37,815 |
| Audit and accounts .. .. .. .. .. | 209 | 21 | 230 |
| Total .. | 42,366 | 21 | 42,387 |
| REVENUE— | | | |
| Capitalization of abatement of land revenue .. | .. | .. | .. |
| Leave and pension allowances .. .. .. | 15,600 | .. | 15,600 |
| Audit and accounts .. .. .. .. .. | 2,067 | 170 | 2,237 |
| Total .. | 17,667 | 170 | 17,837 |
| Grand Total .. | 60,033 | 191 | 60,224 |

## 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. | Remarks. | |
|---|---|---|---|---|---|---|---|---|---|
| | Expenditure against construction estimate. | Expenditure against open canal sanction. | Total. | Charges to date. | Amount of sanctioned estimate. | Unspent balance of estimate. | | G.O. No. and date. | Amount of estimate. |
| | RS. | RS. | RS. | RS. | RS. | RS. | RS. | | RS. |
| *Direct Charges.* | | | | | | | | | |
| Works .. .. | 12,24,720 | 96,654 | 13,21,374 | 6,558 | 30,897 | 24,339 | 13,27,932 | C.R. No. 1 of April 1930 | 5,000 |
| Establishment .. .. | 2,42,924 | 27,179 | 2,70,103 | 2,860 | 8,323 | 5,463 | 2,72,963 | C.R. No. 3 of July 1933. | 7,567 |
| Tools and plant .. .. | 93,355 | — 73 | 93,282 | 54 | 618 | 564 | 93,336 | Divisional Register No. 82 of June 1934 .. | 1,330 |
| Suspense account .. | .. | .. | .. | .. | .. | .. | .. | Circle Register No. 2 of June 1934 .. .. | 17,000 |
| Total .. | 15,60,999 | 1,23,760 | 16,84,759 | 9,472 | 39,838 | 30,366 | 16,94,231 | Total .. | 30,897 |
| *Less*—Receipts on Capital account .. | 1,374 | 3,434 | 4,808 | .. | .. | .. | 4,808 | | |
| Net Total .. | 15,59,625 | 1,20,326 | 16,79,951 | 9,472 | 39,838 | 30,366 | 16,89,423 | | |
| *Indirect Charges.* | | | | | | | | | |
| Capitalized abatement of land revenue .. | 3,273 | 1,069 | 4,342 | .. | 2,195 | 2,195 | 4,342 | | |
| Leave and pension allowances .. | 34,009 | 3,806 | 37,815 | .. | 309 | .. | 37,815 | | |
| Audit and accounts .. | .. | 165 | 165 | 65 | 244 | 244 | 230 | | |
| Total .. | 37,282 | 5,040 | 42,322 | 65 | 2,504 | 2,439 | 42,387 | | |
| Grand Total .. | 15,96,907 | 1,25,366 | 17,22,273 | 9,537 | 42,342 | 32,805 | 17,31,810 | | |



ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1934–1935.

## VENKATAPURAM TANK—*Tank Project.*

### No. 2.—Capital Account for and to end of 1934–1935.

| Heads of account. | Direct Charges. Previous. | 1934–1935. | Total. | Cost of construction as now estimated (construction estimate closed on 31st March 1918). | Expenditure against closed estimate. |
|---|---|---|---|---|---|
| | RS. | | RS. | RS. | RS. |
| I. WORKS— | | | | | |
| (1) *Head Works*— | | | | | |
| A. Preliminary expenses. | .. | .. | .. | .. | .. |
| B. Land .. .. .. | 1,781 | .. | 1,781 | 1,781 | 1,781 |
| C. Works .. .. .. | 52,327 | .. | 52,327 | 52,327 | 52,327 |
| K. Buildings .. .. | 1,884 | .. | 1,884 | 1,884 | 1,884 |
| L. Earthwork .. .. | 2,30,139 | .. | 2,30,139 | 2,30,139 | 2,30,139 |
| O. Miscellaneous .. | 332 | .. | 332 | 332 | 332 |
| Total .. | 2,86,463 | .. | 2,86,463 | 2,86,463 | 2,86,463 |
| (2) *Main Canals and Branches*— | | | | | |
| A. Preliminary expenses. | 19 | .. | 19 | 19 | 19 |
| B. Land .. .. | 2,702 | .. | 2,702 | 2,702 | 2,702 |
| C. Works .. .. | 7,878 | .. | 7,878 | 7,878 | 7,878 |
| D. Regulators .. .. | .. | .. | .. | .. | .. |
| E. Rivers and Hill Torrents .. .. | .. | .. | .. | .. | .. |
| F. (1) Other cross drainage works .. | .. | .. | .. | .. | .. |
| G. Bridges .. .. | .. | .. | .. | .. | .. |
| K. Buildings .. .. | .. | .. | .. | .. | .. |
| L. Earthwork .. .. | 6,890 | .. | 6,890 | 6,890 | 6,890 |
| O. Miscellaneous .. | 41 | .. | 41 | 41 | 41 |
| P. Maintenance .. | .. | .. | .. | .. | .. |
| Total .. | 17,530 | .. | 17,530 | 17,530 | 17,530 |
| *Distributaries*— | | | | | |
| B. Land .. .. | .. | .. | .. | .. | .. |
| C. Works .. .. | .. | .. | .. | .. | .. |
| L. Earthwork .. .. | .. | .. | .. | .. | .. |
| O. Miscellaneous .. | .. | .. | .. | .. | .. |
| P. Maintenance .. | .. | .. | .. | .. | .. |
| Total .. | .. | .. | .. | .. | .. |
| (6) *Special tools and plant* .. | 1 | .. | 1 | 1 | 1 |
| Provision for unforeseen works .. .. .. | .. | .. | .. | .. | .. |
| Total, Works .. | 3,03,994 | .. | 3,03,994 | 3,03,994 | 3,03,994 |
| II. ESTABLISHMENT .. .. | 64,539 | .. | 64,539 | 64,539 | 64,539 |
| III. TOOLS AND PLANT .. | 4,236 | .. | 4,236 | 4,236 | 4,236 |
| Grand Total .. | 3,72,769 | .. | 3,72,769 | 3,72,769 | 3,72,769 |
| V. *Less*—RECEIPTS ON CAPITAL ACCOUNT .. .. .. | 519 | .. | 519 | 519 | 519 |
| (a) Net Total .. | 3,72,250 | .. | 3,72,250 | 3,72,250 | 3,72,250 |
| Chargeable to 35. Protective Works—Irrigation .. .. | 3,71,838 | .. | 3,71,838 | .. | .. |
| Chargeable to 55. Irrigation Works—Unproductive .. | 412 | .. | 412 | .. | .. |
| Total .. | 3,72,250 | .. | 3,72,250 | .. | .. |

## VENKATAPURAM TANK—*Tank Project*—cont.

### No. 3.—Revenue Account for and to end of 1934–1935.

| Receipts. | Total. Previous. | Total. 1934–1935. | Total. Total. |
|---|---|---|---|
| | RS. | RS. | RS. |
| I. DIRECT RECEIPTS— | | | |
| 6. Receipts from other canal produce .. .. | .. | .. | .. |
| 9. Rents of buildings .. | .. | .. | .. |
| 11. Miscellaneous .. .. | .. | .. | .. |
| Total, Revenue realized in Public Works Department .. .. | .. | .. | .. |
| Irrigation Revenue realized in Civil Department .. .. | 9,718 | 1,439 | 11,157 |
| Total, Direct Receipts .. | 9,718 | 1,439 | 11,157 |
| II. INDIRECT RECEIPTS— | | | |
| Share of land revenue collected in the Civil Department. | 114 | 38 | 152 |
| Total, Public Works and Civil Departments, Revenue .. | 9,832 | 1,477 | 11,309 |
| Net deficit, if any .. .. | 2,466 | — 908 | 1,558 |
| Total .. | 12,298 | 569 | 12,867 |

| Charges. | Total. Previous. | Total. 1934–1935. | Total. Total. |
|---|---|---|---|
| | RS. | RS. | RS. |
| I. EXTENSIONS AND IMPROVEMENTS— | | | |
| (1) Head works .. .. | 185 | .. | 185 |
| (2) Main canals and branches .. .. | 158 | .. | 158 |
| (3) Distributaries .. .. | .. | .. | .. |
| (4) Drainage and protective works. | .. | .. | .. |
| Total .. | 343 | .. | 343 |
| II. MAINTENANCE AND REPAIRS— | | | |
| (1) Head works .. .. .. | 5,777 | 387 | 6,164 |
| (2) Main canals and branches .. | 1,743 | .. | 1,743 |
| (3) Distributaries .. .. .. | .. | .. | .. |
| (4) Drainage and protective works .. | .. | .. | .. |
| Total .. | 7,520 | 387 | 7,907 |
| Total, Extensions and Improvements and Maintenance and Repairs .. .. | 7,863 | 387 | 8,250 |
| IV. ESTABLISHMENT .. .. .. | 3,483 | 103 | 3,586 |
| V. TOOLS AND PLANT .. .. .. | 52 | 1 | 53 |
| VI. REFUNDS OF REVENUE .. .. | .. | .. | .. |
| Total, Direct Charges .. | 11,398 | 491 | 11,889 |
| Share of collection charges in the Civil Department .. .. .. | 490 | 74 | 564 |
| Indirect Charges .. .. .. .. | 410 | 4 | 414 |
| Total, Direct and Indirect Charges .. | 12,298 | 569 | 12,867 |
| Balance, Net revenue .. | .. | .. | .. |
| Grand Total .. | 12,298 | 569 | 12,867 |



## VENKATAPURAM TANK—*Tank Project*—cont.

### No. 4.—Interest Account for and to end of 1934–1935.

| | Amount. RS. | | Amount. RS. |
|---|---|---|---|
| Total interest charges to end of 1933–1934 .. .. .. | 2,78,503 | Net revenue realized to end of 1933–1934 .. .. .. | — 2,466 |
| * Total interest charges for the year 1934–1935 .. .. | 12,848 | Net revenue realized during 1934–1935 .. .. .. | 908 |
| | | Balance, net interest charges .. | 2,92,909 |
| Total .. | 2,91,351 | Total .. | 2,91,351 |
| * Interest at 3·3252 per cent on the outlay to end of 1916–1917. | 11,506 | | |
| Interest at 5·12 per cent on the outlay of Rs. 26,222 from 1917–1918 to end of 1933–1934 plus half the outlay during 1934–1935. | 1,342 | | |
| Total .. | 12,848 | | |

### No. 5.—Account of Indirect Charges for and to end of 1934–1935.

| Particulars. | Previous. | 1934–1935. | Total. |
|---|---|---|---|
| | RS. | RS. | RS. |
| CAPITAL— | | | |
| Capitalization of abatement of land revenue .. | 3,635 | .. | 3,635 |
| Leave and pension allowances .. .. | 9,034 | .. | 9,034 |
| Audit and accounts .. .. .. .. .. | 2 | .. | 2 |
| Total .. | 12,671 | .. | 12,671 |
| REVENUE— | | | |
| Capitalization of abatement of land revenue .. | .. | .. | .. |
| Leave and pension allowances .. .. .. | 343 | .. | 343 |
| Audit and accounts .. .. .. .. .. | 67 | 4 | 71 |
| Total .. | 410 | 4 | 414 |
| Grand Total .. | 13,081 | 4 | 13,085 |

## 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 old and current sanctions. | Remarks. | |
|---|---|---|---|---|---|---|---|---|---|
| | Expenditure against construction estimate. | Expenditure against open canal sanction. | Total. | Charges of date. | Amount of sanctioned estimate. | Unspent balance of estimate. | | G.O. No. and date. | Amount of estimate. |
| | RS. | RS. | RS. | | | | RS. | | |
| *Direct Charges.* | | | | | | | | | |
| 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 | 31 | 4,236 | .. | .. | .. | 4,236 | | |
| Suspense account .. .. | .. | .. | .. | .. | .. | .. | .. | | |
| Total .. | 3,67,366 | 5,403 | 3,72,769 | .. | .. | .. | 3,72,769 | | |
| *Less*—Receipts on Capital Account .. | 519 | .. | 519 | .. | .. | .. | 519 | | |
| Net Total .. | 3,66,847 | 5,403 | 3,72,250 | .. | .. | .. | 3,72,250 | | |
| *Indirect Charges.* | | | | | | | | | |
| Capitalized abatement of land revenue .. | 3,627 | 8 | 3,635 | .. | .. | .. | 3,635 | | |
| Leave and pension allowances .. .. | 8,728 | 306 | 9,034 | .. | .. | .. | 9,034 | | |
| Audit and accounts .. | .. | 2 | 2 | .. | .. | .. | 2 | | |
| Total .. | 12,355 | 316 | 12,671 | .. | .. | .. | 12,671 | | |
| Grand Total .. | 3,79,202 | 5,719 | 3,84,921 | .. | .. | .. | 3,84,921 | | |



## BHAVANASI TANK—*Tank Project.*

### No. 2.—Capital Account for and to end of 1934–1935.

| Heads of account. | Direct Charges. Previous. | 1934–1935. | Total. | Cost of construction as now estimated (construction estimate closed on 31st March 1919). | Expenditure against closed estimate. |
|---|---|---|---|---|---|
| | RS. | | RS. | RS. | RS. |
| I. WORKS— | | | | | |
| (1) *Head Works*— | | | | | |
| A. Preliminary expenses. | 1,188 | .. | 1,188 | 1,188 | 1,188 |
| B. Land .. .. .. | 8,508 | .. | 8,508 | 8,508 | 8,508 |
| C. Works .. .. .. | 2,556 | .. | 2,556 | 2,556 | 2,556 |
| E. Falls and Weirs .. | 14,059 | .. | 14,059 | 14,059 | 14,059 |
| L. Earthwork .. .. | 1,16,658 | .. | 1,16,658 | 1,16,658 | 1,16,658 |
| O. Miscellaneous .. | 123 | .. | 123 | 123 | 123 |
| Total .. | 1,43,092 | .. | 1,43,092 | 1,43,092 | 1,43,092 |
| (2) *Main Canals and Branches*— | | | | | |
| A. Preliminary expenses. | 17 | .. | 17 | 17 | 17 |
| B. Land .. .. .. | 7,604 | .. | 7,604 | 7,604 | 7,604 |
| C. Works .. .. .. | 14,438 | .. | 14,438 | 14,438 | 14,438 |
| D. Regulators .. .. | .. | .. | .. | .. | .. |
| F. Rivers and Hill Torrents .. .. .. | .. | .. | .. | .. | .. |
| F. (1) Other cross drainage works .. .. | .. | .. | .. | .. | .. |
| G. Bridges .. .. | .. | .. | .. | .. | .. |
| K. Buildings .. .. | .. | .. | .. | .. | .. |
| L. Earthwork .. .. | 29,494 | .. | 29,494 | 29,494 | 29,494 |
| M. Plantations .. .. | .. | .. | .. | .. | .. |
| O. Miscellaneous .. | 303 | .. | 303 | 303 | 303 |
| P. Maintenance .. .. | 152 | .. | 152 | 152 | 152 |
| Total .. | 52,008 | .. | 52,008 | 52,008 | 52,008 |
| 3) *Distributaries*— | | | | | |
| B. Land .. .. .. | .. | .. | .. | .. | .. |
| C. Works .. .. .. | .. | .. | .. | .. | .. |
| L. Earthwork .. .. | .. | .. | .. | .. | .. |
| O. Miscellaneous .. | .. | .. | .. | .. | .. |
| P. Maintenance .. .. | .. | .. | .. | .. | .. |
| Total .. | .. | .. | .. | .. | .. |
| (6) *Special tools and plant*— | — 9,221 | .. | — 9,221 | — 9,221 | — 9,221 |
| Provision for unforeseen works .. .. .. | .. | .. | .. | .. | .. |
| Total, Works .. | 1,85,879 | .. | 1,85,879 | 1,85,879 | 1,85,879 |
| II. ESTABLISHMENT .. .. | 43,103 | .. | 43,103 | 43,103 | 43,103 |
| III. TOOLS AND PLANT .. | 25,710 | .. | 25,710 | 25,710 | 25,710 |
| Grand Total .. | 2,54,692 | .. | 2,54,692 | 2,54,692 | 2,54,692 |
| V. *Less*—RECEIPTS ON CAPITAL ACCOUNTS .. .. | 297 | .. | 297 | 297 | 297 |
| Grand Total .. | 2,54,395 | .. | 2,54,395 | 2,54,395 | 2,54,395 |
| Chargeable to 35. Protective Works—Irrigation .. .. | 2,49,581 | .. | 2,49,581 | .. | .. |
| Chargeable to 55-A. Irrigation Works—2. Unproductive .. | 4,814 | .. | 4,814 | .. | .. |
| Total .. | 2,54,395 | .. | 2,54,395 | .. | .. |

## BHAVANASI TANK—*Tank Project*—cont.

### No. 3.—Revenue Account for and to end of 1934–1935.

| Receipts. | Total. Previous. | 1934–1935. | Total. |
|---|---|---|---|
| | RS. | RS. | RS. |
| I. DIRECT RECEIPTS— | | | |
| 5. Receipts from plantations. | -- | -- | -- |
| 6. Receipts from other canal produce .. .. | 128 | 109 | 237 |
| 11. Miscellaneous .. .. | 201 | 24 | 225 |
| Total, Revenue realized in Public Works Department .. .. | 329 | 133 | 462 |
| Irrigation revenue realized in Civil Department .. .. .. | 60,516 | 4,610 | 65,126 |
| Total, Direct Receipts .. | 60,845 | 4,743 | 65,588 |
| II. INDIRECT RECEIPTS— | | | |
| Share of land revenue collected in the Civil Department .. .. | .. | .. | .. |
| Total, Public Works and Civil Department, Revenue .. .. | 60,845 | 4,743 | 65,588 |
| Net deficit, if any .. .. | — 1,999 | 3,074 | 1,075 |
| Total .. | 58,846 | 7,817 | 66,663 |

| Charges. | Total. Previous. | 1934–1935. | Total. |
|---|---|---|---|
| | RS. | RS. | RS. |
| I. EXTENSIONS AND IMPROVEMENTS— | | | |
| (1) Head works .. .. .. | 540 | 194 | 734 |
| (2) Main canals and branches .. | 272 | .. | 272 |
| (3) Distributaries .. .. .. | 1,376 | 2,477 | 3,853 |
| (4) Drainage and protective works .. | .. | .. | .. |
| (5) Special tools and plant .. .. | .. | .. | .. |
| Total .. | 2,188 | 2,671 | 4,859 |
| II. MAINTENANCE AND REPAIRS— | | | |
| (1) Head works .. .. .. | 6,829 | 1,465 | 8,294 |
| (2) Main canals and branches .. | 25,292 | .. | 25,292 |
| (3) Distributaries .. .. .. | 3,204 | 1,317 | 4,521 |
| (4) Drainage and protective works .. | 1,309 | .. | 1,309 |
| (5) Special tools and plant .. .. | .. | .. | .. |
| *Add*—Unclassifiable outlay .. .. | .. | .. | .. |
| Total .. | 36,634 | 2,782 | 39,416 |
| Total, Extensions and Improvements and Maintenance and Repairs .. .. | 38,822 | 5,453 | 44,275 |
| IV. ESTABLISHMENT .. .. .. | 15,498 | 2,058 | 17,556 |
| V. TOOLS AND PLANT .. .. .. | 256 | 21 | 277 |
| VI. REFUNDS OF REVENUE .. .. | .. | .. | .. |
| *Deduct*—Recoveries on Revenue account .. | 400 | .. | 400 |
| Total, Direct Charges .. | 54,176 | 7,532 | 61,708 |
| Share of collection charges in the Civil Department .. .. .. .. | 3,025 | 230 | 3,255 |
| Indirect Charges .. .. .. .. | 1,645 | 55 | 1,700 |
| Total, Direct and Indirect Charges .. | 58,846 | 7,817 | 66,663 |
| Balance, net revenue .. | .. | .. | .. |
| Grand Total .. | 58,846 | 7,817 | 66,663 |



ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1934–1935.

## BHAVANASI TANK—*Tank Project*—cont.

### No. 4.—Interest Account for and to end of 1934–1935.

| | Amount. | | Amount. |
|---|---|---|---|
| | RS. | | RS. |
| Total interest charges to end of 1933–1934 | 1,80,389 | Net revenue realized to end of 1933–1934 | 1,999 |
| * Total interest charges for the year 1934–1935 .. .. | 9,818 | Net revenue realized during 1934–1935 .. .. | — 3,074 |
| | | Balance, net interest charges .. .. | 1,91,282 |
| Total .. | 1,90,207 | Total .. | 1,90,207 |

| | RS. |
|---|---|
| * Interest at 3·252 per cent on the outlay to end of 1916–1917 | 5,941 |
| Interest at 5·12 per cent on the outlay of Rs. 75,718 from 1917–1918 to end of 1933–1934 plus half the outlay during 1934–1935 .. .. | 3,877 |
| Total .. | 9,818 |

### No. 5.—Account of Indirect Charges for and to end of 1934–1935.

| Particulars. | Previous. RS. | 1934–1935. RS. | Total. RS. |
|---|---|---|---|
| CAPITAL— | | | |
| Capitalization of abatement of land revenue .. | 5,027 | .. | 5,027 |
| Leave and pension allowances .. .. .. | 6,034 | .. | 6,034 |
| Audit and accounts .. .. .. .. | 35 | .. | 35 |
| Total .. | 11,096 | .. | 11,096 |
| REVENUE— | | | |
| Capitalization of abatement of land revenue .. | .. | .. | .. |
| Leave and pension allowances .. .. .. | 1,282 | .. | 1,282 |
| Audit and accounts .. .. .. .. | 363 | 55 | 418 |
| Total .. | 1,645 | 55 | 1,700 |
| Grand Total .. | 12,741 | 55 | 12,796 |

## 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. | Remarks. | |
|---|---|---|---|---|---|---|---|---|---|
| | Expenditure against construction estimate. | Expenditure against open canal sanction. | Total. | Charges to date. | Amount of sanctioned estimate. | Unspent balance of estimate. | | G.O. No. and date. | Amount of estimate. |
| | RS. | RS. | RS. | | | | RS. | | |
| *Direct Charges.* | | | | | | | | | |
| Works .. .. | 1,82,434 | 3,445 | 1,85,879 | .. | .. | .. | 1,85,879 | | |
| 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 | | |
| *Less*—Receipts on Capital account .. | 166 | 131 | 297 | .. | .. | .. | 297 | | |
| Net Total .. | 2,49,581 | 4,814 | 2,54,395 | .. | .. | .. | 2,54,395 | | |
| *Indirect Charges.* | | | | | | | | | |
| Capitalized abatement of land revenue .. | 5,027 | .. | 5,027 | .. | .. | .. | 5,027 | | |
| Leave and pension allowances .. .. | 5,831 | 203 | 6,034 | .. | .. | .. | 6,034 | | |
| Audit and accounts .. | .. | 35 | 35 | .. | .. | .. | 35 | | |
| Total .. | 10,858 | 238 | 11,096 | .. | .. | .. | 11,096 | | |
| Grand Total .. | 2,60,439 | 5,052 | 2,65,491 | .. | .. | .. | 2,65,491 | | |



## YELLANUR TANK—*Tank Project.*

### No. 2.—Capital Account for and to end of 1934–1935.

| Heads of account. | Direct Charges. Previous. | 1934–1935. | Total. | Construction estimate closed on 31st March 1919. | Expenditure against closed estimate. |
|---|---|---|---|---|---|
| | RS. | | RS. | RS. | RS. |
| I. WORKS— | | | | | |
| (1) *Head Works*— | | | | | |
| B. Land .. .. .. | 13,755 | .. | 13,755 | 13,755 | 13,755 |
| C. Works .. .. .. | 19,102 | .. | 19,102 | 19,102 | 19,102 |
| L. Earthwork .. .. | 1,40,087 | .. | 1,40,087 | 1,40,087 | 1,40,087 |
| O. Miscellaneous .. | 11,085 | .. | 11,085 | 11,085 | 11,085 |
| Total .. | 1,84,029 | .. | 1,84,029 | 1,84,029 | 1,84,029 |
| (3) *Distributaries*— | | | | | |
| B. Land .. .. .. | 1,017 | .. | 1,017 | 1,017 | 1,017 |
| C. Works .. .. .. | 4,836 | .. | 4,836 | 4,836 | 4,836 |
| L. Earthwork .. .. | 1,410 | .. | 1,410 | 1,410 | 1,410 |
| O. Miscellaneous .. | .. | .. | .. | .. | .. |
| Total .. | 7,263 | .. | 7,263 | 7,263 | 7,263 |
| (6) *Special Tools and Plant* .. | .. | .. | .. | .. | .. |
| Provision for unforeseen works .. .. .. | .. | .. | .. | .. | .. |
| Total, Works .. | 1,91,292 | .. | 1,91,292 | 1,91,292 | 1,91,292 |
| II. ESTABLISHMENT .. .. | 41,156 | .. | 41,156 | 41,156 | 41,156 |
| III. TOOLS AND PLANT .. | 7,087 | .. | 7,087 | 7,087 | 7,087 |
| Grand Total .. | 2,39,535 | .. | 2,39,535 | 2,39,535 | 2,39,535 |
| *Less*—RECEIPTS ON CAPITAL ACCOUNT .. .. .. | 343 | .. | 343 | 343 | 343 |
| * Net Total .. | 2,39,192 | .. | 2,39,192 | 2,39,192 | 2,39,192 |

* Chargeable to "43. Minor Works and Navigation—Provincial."

## YELLANUR TANK—*Tank Project*—cont.

### No. 3.—Revenue Account for and to end of 1934–1935.

| Receipts. | Total. Previous. | Total. 1934–1935. | Total. Total. |
|---|---|---|---|
| | RS. | RS. | RS. |
| I. DIRECT RECEIPTS— | | | |
| Receipts from other canal produce .. .. | .. | .. | .. |
| 9. Rents of buildings .. | .. | .. | .. |
| 11. Miscellaneous .. .. | .. | .. | .. |
| Total, Revenue realized in Public Works Department .. .. | .. | .. | .. |
| Irrigation—Revenue realized in Civil Department .. .. | 40,183 | 688 | 40,871 |
| Total, Direct Receipts .. | 40,183 | 688 | 40,871 |
| II. INDIRECT RECEIPTS— | | | |
| Share of land revenue collected in the Civil Department .. | 8,399 | 1,104 | 9,503 |
| Total, Public Works and Civil Departments—Revenue .. | 48,582 | 1,792 | 50,374 |
| Total, Receipts .. | 48,582 | 1,792 | 50,374 |

| Charges. | Total. Previous. | Total. 1934–1935. | Total. Total. |
|---|---|---|---|
| | RS. | RS. | RS. |
| I. EXTENSIONS AND IMPROVEMENTS— | | | |
| (1) Head works .. .. | .. | .. | .. |
| (2) Main canals and branches .. | 19 | .. | 19 |
| (3) Distributaries .. .. | .. | .. | .. |
| (4) Drainage and protective works .. | .. | .. | .. |
| (5) Special tools and plant .. .. | .. | .. | .. |
| Total .. | 19 | .. | 19 |
| II. MAINTENANCE AND REPAIRS— | | | |
| (1) Head works .. .. | 4,520 | .. | 4,520 |
| (2) Main canals and branches .. | 2,366 | 1,474 | 3,840 |
| (3) Distributaries .. .. | 242 | .. | 242 |
| (4) Drainage and protective works .. | 27 | .. | 27 |
| (5) Special tools and plant .. .. | .. | .. | .. |
| Total .. | 7,155 | 1,474 | 8,629 |
| Total, Extensions and Improvements and Maintenance and Repairs .. .. | 7,174 | 1,474 | 8,648 |
| IV. ESTABLISHMENT .. .. .. | 2,855 | 397 | 3,252 |
| V. TOOLS AND PLANT .. .. .. | 32 | 2 | 34 |
| VI. REFUNDS OF REVENUE .. .. | .. | .. | .. |
| Total, Direct Charges .. | 10,061 | 1,873 | 11,934 |
| Share of collection charges in the Civil Department .. .. .. .. | 2,131 | 65 | 2,196 |
| Indirect charges .. .. .. .. | 252 | 15 | 267 |
| Total, Direct and Indirect Charges. | 12,444 | 1,953 | 14,397 |
| Balance, net revenue .. | 36,138 | — 161 | 35,977 |
| Grand Total .. | 48,582 | 1,792 | 50,374 |



## YELLANUR TANK—*Tank Project*—cont.

### No. 4.—Interest Account for and to end of 1934–1935.

| | RS. | Amount RS. |
|---|---|---|
| Total interest charges to end of 1923-1934 .. .. .. | | 1,84,814 |
| Total interest charges for the year 1934–1935— | | |
| Interest at 3·3252 per cent on the outlay to end of 1916–1917 .. | 7,350 | |
| Interest at 5·12 per cent on the outlay of Rs. 18,162 from 1917–1918 to end of 1933–1934 plus half the outlay during 1934–1935 .. | 930 | 8,280 |
| Total .. | | 1,93,094 |

| | Amount RS. |
|---|---|
| Net revenue realized to end of 1933–1934 .. .. .. | 36,138 |
| Net revenue realized during 1934–1935 .. .. .. | — 161 |
| Balance, net interest charges .. | 1,57,117 |
| Total .. | 1,93,094 |

### No. 5.—Account of Indirect Charges for and to end of 1934–1935.

| Particulars. | Previous. | 1934–1935. | Total. |
|---|---|---|---|
| | RS. | RS. | RS. |
| CAPITAL— | | | |
| Capitalization of abatement of land revenue .. | 24,753 | | 24,753 |
| Leave and pension allowances .. .. .. | 5,762 | .. | 5,762 |
| Total .. | 30,515 | .. | 30,515 |
| REVENUE— | | | |
| Leave and pension allowances .. .. .. | 185 | .. | 185 |
| Audit and account .. .. .. .. .. | 67 | 15 | 82 |
| Total .. | 252 | 15 | 267 |
| Total .. | 30,767 | 15 | 30,782 |

## YELLANUR TANK—*Tank Project*—cont.

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

| Particulars. | Charges against closed sanctions. | | | | Current sanctions. | | | Remarks. | |
|---|---|---|---|---|---|---|---|---|---|
| | Expenditure against construction estimate. | Expenditure against open canal sanction. | Total. | | Charges to date. | Amount of sanctioned estimate. | Unspent balance of estimate. | Total Charges to date against old and current sanctions. | G.O. No. and date. | Amount of estimate. |
| | RS. | RS. | RS. | | | | | RS. | | |
| *Direct Charges.* | | | | | | | | | | |
| Works .. | 1,83,348 | 7,944 | 1,91,292 | | .. | .. | .. | 1,91,292 | | |
| Establishment .. | 40,150 | 1,006 | 41,156 | | .. | .. | .. | 41,156 | | |
| Tools and plant .. | 7,072 | 15 | 7,087 | | .. | .. | .. | 7,087 | | |
| Suspense account .. | .. | .. | .. | | .. | .. | .. | .. | | |
| Total .. | 2,30,570 | 8,965 | 2,39,535 | | .. | .. | .. | 2,39,535 | | |
| *Less*—Receipts on Capital account .. | .. | 343 | 343 | | .. | .. | .. | 343 | | |
| Net Total .. | 2,30,570 | 8,622 | 2,39,192 | | .. | .. | .. | 2,39,192 | | |
| *Indirect Charges.* | | | | | | | | | | |
| Capitalized abatement of land revenue .. | 24,753 | .. | 24,753 | | .. | .. | .. | 24,753 | | |
| Leave and pension allowances .. | 5,621 | 141 | 5,762 | | .. | .. | .. | 5,762 | | |
| Total .. | 30,374 | 141 | 30,515 | | .. | .. | .. | 30,515 | | |
| Grand Total . | 2,60,944 | 8,763 | 2,69,707 | | .. | .. | .. | 2,69,707 | | |



ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1934–1935.

## PANJAPATTI RESERVOIR—*Tank Project.*

### No. 2.—Capital Account for and to end of 1934–1935.

| Heads of account. | Direct Charges. Previous. | 1934–1935. | Total. | Construction estimate closed on 30th June 1919. | Expenditure against closed estimate. |
|---|---|---|---|---|---|
| | RS. | | RS. | RS. | RS. |
| I. WORKS— | | | | | |
| (1) *Head Works*— | | | | | |
| A. Preliminary expenses. | 936 | .. | 936 | 936 | 936 |
| B. Land .. .. .. | 60,152 | .. | 60,152 | 60,152 | 60,152 |
| C. Works .. .. .. | 5,562 | .. | 5,562 | 5,562 | 5,562 |
| E. Falls and Weirs .. | 6,017 | .. | 6,017 | 6,017 | 6,017 |
| K. Buildings .. .. | 4,799 | .. | 4,799 | 4,799 | 4,799 |
| L. Earthwork .. .. | 1,51,024 | .. | 1,51,024 | 1,51,024 | 1,51,024 |
| O. Miscellaneous .. | 6,298 | .. | 6,298 | 6,298 | 6,298 |
| P. Maintenance .. .. | 3,684 | .. | 3,684 | 3,684 | 3,684 |
| Total .. | 2,38,472 | .. | 2,38,472 | 2,38,472 | 2,38,472 |
| (3) *Distributaries*— | | | | | |
| A. Preliminary expenses. | 425 | .. | 425 | 425 | 425 |
| B. Land .. .. .. | 2,517 | .. | 2,517 | 2,517 | 2,517 |
| C. Works .. .. .. | 115 | .. | 115 | 115 | 115 |
| L. Earthwork .. .. | 2,302 | .. | 2,302 | 2,302 | 2,302 |
| O. Miscellaneous .. | .. | .. | .. | .. | .. |
| Total .. | 5,359 | .. | 5,359 | 5,359 | 5,359 |
| (6) *Special Tools and Plant*— Provision for unforeseen works .. .. .. | — 18,833 | .. | — 18,833 | — 18,833 | — 18,833 |
| Total, Works .. | 2,24,998 | .. | 2,24,998 | 2,24,998 | 2,24,998 |
| II. ESTABLISHMENT .. .. | 43,411 | .. | 43,411 | 43,411 | 43,411 |
| III. TOOLS AND PLANT .. | 60,075 | .. | 60,075 | 60,075 | 60,075 |
| Grand Total .. | 3,28,484 | .. | 3,28,484 | 3,28,484 | 3,28,484 |
| V. *Less*—RECEIPTS ON CAPITAL ACCOUNT .. .. | 703 | .. | 703 | 703 | 703 |
| Net Total .. | 3,27,781 | .. | 3,27,781 | 3,27,781 | 3,27,781 |
| Chargeable to 43. Provincial Irrigation .. .. | 3,24,486 | .. | 3,24,486 | .. | .. |
| Chargeable to 55-A. Irrigation—2. Unproductive .. .. | 3,295 | .. | 3,295 | .. | .. |
| Total .. | 3,27,781 | .. | 3,27,781 | .. | .. |

## PANJAPATTI RESERVOIR—*Tank Project*—cont.

### No. 3.—Revenue Account for and to end of 1934–1935.

| Receipts. | Total. Previous. | Total. 1934–1935. | Total. Total. |
|---|---|---|---|
| | RS. | RS. | RS. |
| I. DIRECT RECEIPTS— | | | |
| 5. Receipts from plantations. | .. | .. | .. |
| 6. Receipts from other canal produce .. .. | 696 | 151 | 847 |
| 9. Rents of buildings .. .. | 46 | 1 | 47 |
| 11. Miscellaneous .. .. | 108 | .. | 108 |
| Total, Revenue realized in Public Works Department .. | 850 | 152 | 1,002 |
| Irrigation revenue realized in Civil Department .. .. | 8,393 | .. | 8,393 |
| Total, Direct Receipts. | 9,243 | 152 | 9,395 |
| II. INDIRECT RECEIPTS— | | | |
| Share of land revenue collected in the Civil Department .. | 4,813 | .. | 4,813 |
| Total, Public Works and Civil Department—Revenue .. | 14,056 | 152 | 14,208 |
| Total, Receipts .. | 14,056 | 152 | 14,208 |

| Charges. | Total. Previous. | Total. 1934–1935. | Total. Total. |
|---|---|---|---|
| | RS. | RS. | RS. |
| I. EXTENSIONS AND IMPROVEMENTS— | | | |
| (1) Head works .. .. .. | 1,533 | 61 | 1,594 |
| (2) Main canals and branches .. | .. | .. | .. |
| (3) Distributaries .. .. .. | .. | .. | .. |
| (4) Drainage and protective works .. | .. | .. | .. |
| (5) Special tools and plant .. .. | .. | .. | .. |
| Total .. | 1,533 | 61 | 1,594 |
| II. MAINTENANCE AND REPAIRS— | | | |
| (1) Head works .. .. .. | 3,506 | 189 | 3,695 |
| (2) Main canals and branches .. | 419 | 14 | 433 |
| (3) Distributaries .. .. .. | 446 | .. | 446 |
| (4) Drainage and protective works .. | .. | .. | .. |
| (5) Special tools and plant .. .. | .. | .. | .. |
| Total .. | 4,371 | 203 | 4,574 |
| Total Extensions and Improvements and Maintenance and Repairs .. .. | 5,904 | 264 | 6,168 |
| IV. ESTABLISHMENT .. .. .. | 2,046 | 91 | 2,137 |
| V. TOOLS AND PLANT .. .. .. | 18 | 1 | 19 |
| VI. REFUNDS OF REVENUE .. .. | .. | .. | .. |
| Total, Direct Charges .. | 7,968 | 356 | 8,324 |
| Share of collection charges in the Civil Department .. .. .. .. | 423 | .. | 423 |
| Indirect charges .. .. .. .. | 81 | 3 | 84 |
| Total, Direct and Indirect Charges. | 8,472 | 359 | 8,831 |
| Balance, Net revenue .. | 5,584 | — 207 | 5,377 |
| Grand Total .. | 14,056 | 152 | 14,208 |



## PANJAPATTI RESERVOIR—*Tank Project*—cont.

### No. 4.—Indirect Account for and to end of 1934–1935.

| | RS. | Amount. RS. | | Amount. RS. |
|---|---|---|---|---|
| Total interest charges to end of 1933–1934 .. .. .. | | 2,26,382 | Net revenue realized to end of 1933–1934 .. .. .. | 5,584 |
| Total interest charges for the year 1934–1935 | | | Net revenue realized during 1934–1935 .. .. .. | — 207 |
| Interest at 3·3252 per cent on the outlay to end of 1916–1917 .. | 8,333 | 12,286 | Balance, net interest charges .. | 2,33,291 |
| Interest at 5·12 per cent on the outlay of Rs. 77,192 from 1917–1918 to end of 1933–1934 plus half the outlay during 1934–1935 .. | 3,953 | | | |
| Total .. | | 2,38,668 | Total .. | 2,38,668 |

### No. 5.—Accounts of Indirect Charges for and to end of 1934–1935.

| Particulars. | Previous. | 1934–1935. | Total. |
|---|---|---|---|
| | RS. | RS. | RS. |
| CAPITAL— | | | |
| Capitalization of 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 |
| REVENUE— | | | |
| Capitalization of abatement of land revenue .. | .. | .. | .. |
| Leave and pension allowances .. .. .. | 23 | .. | 23 |
| Audit and accounts .. .. .. .. .. | 58 | 3 | 61 |
| Total .. | 81 | 3 | 84 |
| Grand Total .. | 11,576 | 3 | 11,579 |

## 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. | Remarks. | |
|---|---|---|---|---|---|---|---|---|
| | Expenditure against construction estimate. | Expenditure against open canal sanction. | Total. | Charges to date. | Amount of sanctioned estimate. | | G.O. No. and date. | Amount of estimate. |
| | RS. | | RS. | | | RS. | | |
| *Direct Charges.* | | | | | | | | |
| Works .. .. | 2,24,998 | .. | 2,24,998 | .. | .. | 2,24,998 | | |
| Establishment .. .. | 43,411 | .. | 43,411 | .. | .. | 43,411 | | |
| Tools and plant .. .. | 60,075 | .. | 60,075 | .. | .. | 60,075 | | |
| Suspense account .. | .. | .. | .. | .. | .. | .. | | |
| Total .. | 3,28,484 | .. | 3,28,484 | .. | .. | 3,28,484 | | |
| *Less*—Receipts on Capital Account .. | 703 | .. | 703 | .. | .. | 703 | | |
| Net Total .. | 3,27,781 | .. | 3,27,781 | .. | .. | 3,27,781 | | |
| *Indirect Charges.* | | | | | | | | |
| Capitalized abatement of land revenue .. | 5,396 | .. | 5,396 | .. | .. | 5,396 | | |
| Leave and pension allowances .. .. | 6,077 | .. | 6,077 | .. | .. | 6,077 | | |
| Audit and accounts .. | 22 | .. | 22 | .. | .. | 22 | | |
| Total .. | 11,495 | .. | 11,495 | .. | .. | 11,495 | | |
| Grand Total .. | 3,39,276 | .. | 3,39,276 | .. | .. | 3,39,276 | | |



## SIDDAPUR TANK—*Tank Project.*

### No. 2.—Capital Account for and to end of 1934–1935.

| Heads of account. | Direct Charges. Previous. | 1934–1935. | Total. | Cost of construction as now estimated (construction estimate closed on 31st October 1919). | Expenditure against closed estimate. |
|---|---|---|---|---|---|
| | RS. | | RS. | RS. | RS. |
| WORKS— | | | | | |
| (1) *Head Works*— | | | | | |
| A. Preliminary expenses (old outlay) * .. .. | 6,463 | .. | 6,463 | 6,463 | 6,463 |
| C. Works .. .. .. | 24,847 | .. | 24,847 | 24,847 | 24,847 |
| K. Buildings .. .. | 2,393 | .. | 2,393 | 2,393 | 2,393 |
| L. Earthwork .. .. | 5,24,277 | .. | 5,24,277 | 5,24,277 | 5,24,277 |
| O. Miscellaneous .. | 14 | .. | 14 | 14 | 14 |
| P. Maintenance .. .. | 2,775 | .. | 2,775 | 2,775 | 2,775 |
| Total .. | 5,60,769 | .. | 5,60,769 | 5,60,769 | 5,60,769 |
| (2) *Main Canals and Branches*— | | | | | |
| B. Land .. .. .. | .. | .. | .. | .. | .. |
| D. Regulators .. .. | .. | .. | .. | .. | .. |
| E. Falls and Weirs .. | 11,950 | .. | 11,950 | 11,950 | 11,950 |
| L. Earthwork .. .. | 6,014 | .. | 6,014 | 6,014 | 6,014 |
| O. Miscellaneous .. | .. | .. | .. | .. | .. |
| Total .. | 17,964 | .. | 17,964 | 17,964 | 17,964 |
| (3) *Distributaries*— | | | | | |
| B. Land .. .. .. | 1,052 | .. | 1,052 | 1,052 | 1,052 |
| C. Works .. .. .. | .. | .. | .. | .. | .. |
| L. Earthwork .. .. | .. | .. | .. | .. | .. |
| O. Miscellaneous .. | .. | .. | .. | .. | .. |
| Total .. | 1,052 | .. | 1,052 | 1,052 | 1,052 |
| (6) *Special Tools and Plant* .. | — 57,034 | .. | — 57,034 | — 57,034 | — 57,034 |
| Provision for unforeseen works .. .. .. | .. | .. | .. | .. | .. |
| Total, Works .. | 5,22,751 | .. | 5,22,751 | 5,22,751 | 5,22,751 |
| II. ESTABLISHMENT .. .. | 96,255 | .. | 96,255 | 96,255 | 96,255 |
| III. TOOLS AND PLANT .. | 1,72,474 | .. | 1,72,474 | 1,72,474 | 1,72,474 |
| Total .. | 7,91,480 | .. | 7,91,480 | 7,91,480 | 7,91,480 |
| V. *Less*—RECEIPTS ON CAPITAL ACCOUNT .. .. .. | 442 | .. | 442 | 442 | 442 |
| Net Total .. | 7,91,038 | .. | 7,91,038 | 7,91,038 | 7,91,038 |
| Chargeable to 35. Protective Irrigation Works .. .. | 5,000 | .. | 5,000 | .. | .. |
| Chargeable to 43. Minor Works and Navigation—Provincial. | 7,91,775 | .. | 7,91,775 | .. | .. |
| Chargeable to 55-A. Irrigation Works—2. Unproductive .. | — 5,737 | .. | — 5,737 | .. | .. |
| Total .. | 7,91,038 | .. | 7,91,038 | .. | .. |

* Represents expenditure incurred on preliminary investigation, etc.

## SIDDAPUR TANK—*Tank Project*—cont.

### No. 3.—Revenue Account for and to end of 1934–1935.

| Receipts. | Total. Previous. RS. | Total. 1934–1935. RS. | Total. Total. RS. |
|---|---|---|---|
| I. DIRECT RECEIPTS— | | | |
| 5. Receipts from plantations. | .. | .. | .. |
| 6. Receipts from other canal produce .. .. | .. | .. | .. |
| 11. Miscellaneous .. .. | .. | .. | .. |
| Total, Revenue realized in Public Works Department .. .. | .. | .. | .. |
| Irrigation Revenue realized in Civil Department .. .. | 22,962 | 6,035 | 28,997 |
| Total, Direct Receipts .. | 22,962 | 6,035 | 28,997 |
| II. INDIRECT RECEIPTS— | | | |
| Share of land Revenue collected in the Civil Department .. .. | .. | .. | .. |
| Total, Public Works and Civil Departments, Revenue .. | 22,962 | 6,035 | 28,997 |
| Total .. | 22,962 | 6,035 | 28,997 |

| Charges. | Total. Previous. RS. | Total. 1934–1935. RS. | Total. Total. RS. |
|---|---|---|---|
| I. EXTENSIONS AND IMPROVEMENTS— | | | |
| (1) Head works .. .. .. | .. | .. | .. |
| (2) Main canals and branches .. | 264 | .. | 264 |
| (3) Distributaries .. .. | 120 | .. | 120 |
| (4) Drainage and protective works .. | .. | .. | .. |
| (5) Special tools and plant .. .. | .. | .. | .. |
| Total .. | 384 | .. | 384 |
| II. MAINTENANCE AND REPAIRS— | | | |
| (1) Head works .. .. .. | 10,730 | 474 | 11,204 |
| (2) Main canals and branches .. | 1,108 | .. | 1,108 |
| (3) Distributaries .. .. | .. | .. | .. |
| (4) Drainage and protective works .. | .. | .. | .. |
| (5) Special tools and plant .. .. | .. | .. | .. |
| Total .. | 11,838 | 474 | 12,312 |
| Total, Extensions and Improvements and Maintenance and Repairs .. .. | 12,222 | 474 | 12,696 |
| IV. ESTABLISHMENT .. .. | 4,865 | 134 | 4,999 |
| V. TOOLS AND PLANT .. .. | 79 | 1 | 80 |
| VI. REFUNDS OF REVENUE .. .. | .. | .. | .. |
| Total, Direct Charges .. | 17,166 | 609 | 17,775 |
| Share of collection charges in the Civil Department .. .. .. | 1,149 | 302 | 1,451 |
| Indirect Charges .. .. .. | 575 | 5 | 580 |
| Total, Direct and Indirect Charges .. | 18,890 | 916 | 19,806 |
| Balance, net revenue .. | 4,072 | 5,119 | 9,191 |
| Grand Total .. | 22,962 | 6,035 | 28,997 |



## SIDDAPUR TANK—*Tank Project*—cont.

### No. 4.—Interest Account for and to end of 1934–1935.

| | RS. | Amount. RS. |
|---|---|---|
| Total interest charges to end of 1933–1934 .. .. .. | | 5,50,619 |
| Total interest charges for the year 1934–1935— | | |
| Interest at 3·3252 per cent on the outlay to end of 1916–1917 .. | 26,167 | |
| Interest at 5·12 per cent on the outlay of Rs. 4,119 from 1917–1918 to end of 1933–1934 plus half the outlay during 1934–1935 .. | 211 | 26,378 |
| Total .. | | 5,76,997 |

| | Amount. RS. |
|---|---|
| Net revenue realized to end of 1933–1934 .. .. .. | 4,072 |
| Net revenue realized during 1934–1935 .. .. .. .. | 5,119 |
| Balance, net interest charges .. | 5,67,806 |
| Total .. | 5,76,997 |

### No. 5.—Account of Indirect Charges for and to end of 1934–1935.

| Particulars. | Previous. RS | 1934–1935. RS. | Total. RS. |
|---|---|---|---|
| CAPITAL— | | | |
| Capitalization of abatement of land revenue .. | .. | .. | .. |
| Leave and pension allowances .. .. .. | 13,475 | .. | 13,475 |
| Audit and accounts .. .. .. .. .. | — 27 | .. | — 27 |
| Total .. | 13,448 | .. | 13,448 |
| REVENUE— | | | |
| Capitalization of abatement of land revenue .. | .. | .. | .. |
| Leave and pension allowances .. .. .. | 466 | .. | 466 |
| Audit and accounts .. .. .. .. .. | 109 | 5 | 114 |
| Total .. | 575 | 5 | 580 |
| Grand Total .. | 14,023 | 5 | 14,028 |

## 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. | Remarks. | |
|---|---|---|---|---|---|---|---|---|
| | Expenditure against construction estimate. | Expenditure against open canal sanction. | Total. | Charges to date. | Amount of sanctioned estimate. | Unspent balance of estimate. | | G.O. No. and date. | Amount of estimate. |
| | RS. | RS. | RS. | | | | RS. | | |
| *Direct Charges.* | | | | | | | | | |
| 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 | | |
| *Less*—Receipts on capital account .. | 295 | 147 | 442 | .. | .. | .. | 442 | | |
| Net Total .. | 8,14,196 | – 23,158 | 7,91,038 | .. | .. | .. | 7,91,038 | | |
| *Indirect Charges.* | | | | | | | | | |
| 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 | | |



## NAGAVARAM ANICUT AND SUPPLY CHANNEL—*Tank Project.*

### No. 2.—Capital Account for and to end of 1934–1935.

| Heads of account. | Direct Charges. | | | Cost of construction as now estimated (construction estimate closed on 31st December 1919). | Expenditure against closed estimate. |
|---|---|---|---|---|---|
| | Previous. | 1934–1935. | Total. | | |
| | RS. | | RS. | RS. | RS. |
| (1) *Head Works*— | | | | | |
| B. Land .. .. .. | .. | .. | .. | .. | .. |
| C. Works .. .. .. | 67,683 | .. | 67,683 | 67,683 | 67,683 |
| K. Buildings .. .. | .. | .. | .. | .. | .. |
| L. Earthwork .. .. | .. | .. | .. | .. | .. |
| O. Miscellaneous .. | .. | .. | .. | .. | .. |
| P. Maintenance .. .. | .. | .. | .. | .. | .. |
| Total .. | 67,683 | .. | 67,683 | 67,683 | 67,683 |
| (2) *Main Canals and Branches*— | | | | | |
| A. Preliminary expenses. | .. | .. | .. | .. | .. |
| B. Land .. .. .. | 445 | .. | 445 | 445 | 445 |
| E. Falls and weirs .. | .. | .. | .. | .. | .. |
| F. (1) Other cross drainage works .. | 13,217 | .. | 13,217 | 13,217 | 13,217 |
| G. Bridges .. .. | 1,262 | .. | 1,262 | 1,262 | 1,262 |
| K. Buildings .. .. | 1,983 | .. | 1,983 | 1,983 | 1,983 |
| L. Earthwork .. .. | 4,167 | .. | 4,167 | 4,167 | 4,167 |
| O. Miscellaneous .. | .. | .. | .. | .. | .. |
| P. Maintenance .. .. | .. | .. | .. | .. | .. |
| Total .. | 21,074 | .. | 21,074 | 21,074 | 21,074 |
| (3) *Distributaries*— | | | | | |
| B. Land .. .. | .. | .. | .. | .. | .. |
| C. Works .. .. | .. | .. | .. | .. | .. |
| L. Earthwork .. | .. | .. | .. | .. | .. |
| O. Miscellaneous .. | .. | .. | .. | .. | .. |
| P. Maintenance .. | .. | .. | .. | .. | .. |
| Total .. | .. | .. | .. | .. | .. |
| Provision for unforeseen works. | .. | .. | .. | .. | .. |
| Total, Works .. | 88,757 | .. | 88,757 | 88,757 | 88,757 |
| II. ESTABLISHMENT .. .. | 18,538 | .. | 18,538 | 18,538 | 18,538 |
| III TOOLS AND PLANT .. | .. | .. | .. | .. | .. |
| * Grand Total .. | 1,07,295 | .. | 1,07,295 | 1,07,295 | 1,07,295 |

* Chargeable to "43. Minor Works and Navigation—Provincial."

## NAGAVARAM ANICUT AND SUPPLY CHANNEL—*Tank Project*—cont.

### No. 3.—Revenue Account for and to end of 1934–1935.

| Receipts. | Total. Previous. | Total. 1934–1935. | Total. Total. |
|---|---|---|---|
| | RS. | RS. | RS. |
| I. DIRECT RECEIPTS— | | | |
| 6. Receipts from other canal produce .. .. .. | .. | .. | .. |
| 9. Rents of buildings .. .. | .. | .. | .. |
| 11. Miscellaneous .. .. | .. | 1 | 1 |
| Total, Revenue realized in Public Works Department .. .. | .. | 1 | 1 |
| Irrigation Revenue realized in Civil Department .. .. | 22,035 | 1,880 | 23,915 |
| Total, Direct Receipts .. | 22,035 | 1,881 | 23,916 |
| II. INDIRECT RECEIPTS— Share of Land Revenue collected in the Civil Department .. | 584 | 146 | 730 |
| Total, Public Works and Civil Departments, Revenue .. | 22,619 | 2,027 | 24,646 |
| Total Receipts .. | 22,619 | 2,027 | 24,646 |

| Charges. | Total. Previous. | Total. 1934–1935. | Total. Total. |
|---|---|---|---|
| | RS. | RS. | RS. |
| I. EXTENSIONS AND IMPROVEMENTS— | | | |
| (1) Head works .. .. | .. | .. | .. |
| (2) Main canals and branches .. | .. | .. | .. |
| (3) Distributaries .. .. | .. | .. | .. |
| (4) Drainage and protective works .. | .. | .. | .. |
| (5) Special tools and plant .. | .. | .. | .. |
| Total .. | .. | .. | .. |
| II. MAINTENANCE AND REPAIRS— | | | |
| (1) Head works .. .. | 149 | 146 | 295 |
| (2) Main canals and branches .. | .. | .. | .. |
| (3) Distributaries .. .. | .. | .. | .. |
| (4) Drainage and protective works | .. | .. | .. |
| (5) Special tools and plant .. | .. | .. | .. |
| *Add*—Unclassifiable outlay .. | .. | .. | .. |
| Total .. | 149 | 146 | 295 |
| Total, Extensions and Improvements and Maintenance and Repairs .. | 149 | 146 | 295 |
| IV. ESTABLISHMENT .. .. .. | 190 | 52 | 242 |
| V. TOOLS AND PLANT .. .. .. | .. | .. | .. |
| VI. REFUNDS OF REVENUE .. .. | .. | .. | .. |
| Total, Direct Charges .. .. | 339 | 198 | 537 |
| Share of collection charges in the Civil Department .. .. .. | 1,130 | 101 | 1,231 |
| Indirect Charges .. .. .. | 1 | 1 | 2 |
| Total, Direct and Indirect Charges .. | 1,470 | 300 | 1,770 |
| Balance, net revenue .. .. | 21,149 | 1,727 | 22,876 |
| Grand Total .. | 22,619 | 2,027 | 24,646 |



## NAGAVARAM ANICUT AND SUPPLY CHANNEL—*Tank Project*—cont.

### No. 4.—Interest Account for and to end of 1934–1935.

| | Amount. | | Amount. |
|---|---|---|---|
| | RS. | | RS. |
| Total interest charges to end of 1933–1934 .. .. .. | 74,602 | Net revenue realized to end of 1933–1934 .. .. .. | 21,149 |
| Total interest charges for the year 1934–1935 .. .. .. | 3,568 * | Net revenue realized during 1934–1935 .. .. .. | 1,727 |
| | | Balance, net interest charges .. | 55,294 |
| Total .. | 78,170 | Total .. | 78,170 |

| | |
|---|---|
| * Interest at 3·3252 per cent on the outlay to end of 1916–1917 .. .. .. | 3,568 |
| Interest at 5·12 per cent on the outlay of Rs. nil from 1917–1918 to end of 1933–1934 plus half the outlay during 1934–1935 .. .. .. .. | .. |
| Total .. | 3,568 |

### No. 5.—Account of Indirect Charges for and to end of 1934–1935.

| Particulars. | Previous. | 1934–1935. | Total. |
|---|---|---|---|
| | RS. | RS. | RS. |
| CAPITAL— | | | |
| Capitalization of abatement of land revenue .. | .. | .. | .. |
| Leave and pension allowances .. .. .. | 2,595 | .. | 2,595 |
| Total .. | 2,595 | .. | 2,595 |
| REVENUE— | | | |
| Audit and accounts .. .. .. .. .. | 1 | 1 | 2 |
| Total .. | 1 | 1 | 2 |
| Grand Total .. | 2,596 | 1 | 2,597 |

## 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. | Remarks. | |
|---|---|---|---|---|---|---|---|---|
| | Expenditure against construction estimate. | Expenditure against open canal sanction. | Total. | Charges to date. | Amount of sanctioned estimate. | Unspent balance of estimate. | | |
| | RS. | | RS. | | | | G.O. No. and date. | Amount of estimate. RS. |
| *Direct Charges.* | | | | | | | | |
| 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 |
| *Less*—Receipts on capital account .. | .. | .. | .. | .. | .. | .. | | .. |
| Net total .. | 1,07,295 | .. | 1,07,295 | .. | .. | .. | | 1,07,295 |
| *Indirect Charges.* | | | | | | | | |
| 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 |



## MOPAD PROJECT—*Canal Project.*

### No. 2.—Capital Account for and to end of 1934–1935.

| Heads of account. | Direct charges. Previous. | 1934–1935. | Total. | Cost of construction as now estimated (construction estimate closed on 30th April 1921). | Expenditure against closed estimate. |
|---|---|---|---|---|---|
| | RS. | | RS. | RS. | RS. |
| I. WORKS— | | | | | |
| (1) *Head works*— | | | | | |
| A. Preliminary expenses. | 13,548 | .. | 13,548 | 13,548 | 13,548 |
| B. Land .. .. .. | 83,112 | .. | 83,112 | 83,112 | 83,112 |
| C. Works .. .. .. | 44,035 | .. | 44,035 | 44,035 | 44,035 |
| K. Buildings .. .. | 21,808 | .. | 21,808 | 21,808 | 21,808 |
| L. Earthwork .. .. | 11,95,416 | .. | 11,95,416 | 11,95,416 | 11,95,416 |
| N. Tanks and reservoirs. | .. | .. | .. | .. | .. |
| O. Miscellaneous .. | 15,216 | .. | 15,216 | 15,216 | 15,216 |
| P. Maintenance .. .. | 23,618 | .. | 23,618 | 23,618 | 23,618 |
| Unforeseen works .. | .. | .. | .. | .. | .. |
| Total .. | 13,96,753 | .. | 13,96,753 | 13,96,753 | 13,96,753 |
| (2) *Main Canals and Branches*— | | | | | |
| A. Preliminary expenses. | 1,938 | .. | 1,938 | 1,938 | 1,938 |
| B. Land .. .. .. | 12,812 | .. | 12,812 | 12,812 | 12,812 |
| D. Regulators .. .. | 15,777 | .. | 15,777 | 15,777 | 15,777 |
| E. Falls and weirs .. | 21,158 | .. | 21,158 | 21,158 | 21,158 |
| F. (1) Other cross drainage works .. .. | 1,44,666 | .. | 1,44,666 | 1,44,666 | 1,44,666 |
| G. Bridges .. .. | 13,753 | .. | 13,753 | 13,753 | 13,753 |
| K. Buildings .. .. | 2,988 | .. | 2,988 | 2,988 | 2,988 |
| L. Earthwork .. .. | 91,757 | .. | 91,757 | 91,757 | 91,757 |
| O. Miscellaneous .. | 5,221 | .. | 5,221 | 5,221 | 5,221 |
| P. Maintenance .. .. | 4,731 | .. | 4,731 | 4,731 | 4,731 |
| Unforeseen works .. | .. | .. | .. | .. | .. |
| Total .. | 3,14,801 | .. | 3,14,801 | 3,14,801 | 3,14,801 |
| (3) *Distributaries*— | | | | | |
| A. Preliminary expenses. | 2,389 | .. | 2,389 | 2,389 | 2,389 |
| B. Land .. .. .. | 5,056 | .. | 5,056 | 5,056 | 5,056 |
| C. Works .. .. .. | 6,118 | .. | 6,118 | 6,118 | 6,118 |
| G. Bridges .. .. | 287 | .. | 287 | 287 | 287 |
| L. Earthwork .. .. | 9,989 | .. | 9,989 | 9,989 | 9,989 |
| O. Miscellaneous .. | 2,702 | .. | 2,702 | 2,702 | 2,702 |
| Total .. | 26,541 | .. | 26,541 | 26,541 | 26,541 |
| (6) *Special tools and plant*— .. | — 71,520 | .. | — 71,520 | — 71,520 | — 71,520 |
| Provision for unforeseen works .. .. .. | .. | .. | .. | .. | .. |
| *Total, Works* .. | 16,66,575 | .. | 16,66,575 | 16,66,575 | 16,66,575 |
| II. ESTABLISHMENT .. .. | 3,20,381 | .. | 3,20,381 | 3,20,381 | 3,20,381 |
| III. TOOLS AND PLANT .. .. | 2,34,213 | .. | 2,34,213 | 2,34,213 | 2,34,213 |
| Grand Total .. | 22,21,169 | .. | 22,21,169 | 22,21,169 | 22,21,169 |
| V. *Less*—RECEIPTS ON CAPITAL ACCOUNT .. .. .. | 27,894 | .. | 27,894 | 27,894 | 27,894 |
| (*a*) Net Total .. .. | 21,93,275 | .. | 21,93,275 | 21,93,275 | 21,93,275 |
| Chargeable to 35. Protective Works—Irrigation .. .. | 22,09,835 | .. | 22,09,835 | .. | .. |
| Chargeable to 55. Irrigation Works—Unproductive .. | — 16,560 | .. | — 16,560 | .. | .. |
| Total .. | 21,93,275 | .. | 21,93,275 | .. | .. |

## MOPAD PROJECT—*Canal Project*—cont.

### No. 3.—Revenue Account for and to end of 1934–1935.

| Receipts. | Total. Previous. | Total. 1934–1935. | Total. Total. |
|---|---|---|---|
| | RS. | RS. | RS. |
| I. DIRECT RECEIPTS— | | | |
| 3. Sales of water .. .. .. | 68 | .. | 68 |
| 5. Plantations .. .. .. | 1 | 8 | 9 |
| 6. Receipts from other canal produce .. .. .. | 209 | 2 | 211 |
| 9. Rent of buildings .. .. | 1,441 | 108 | 1,549 |
| II. Miscellaneous .. .. .. | 2,961 | .. | 2,961 |
| Recoveries of expenditure .. | 652 | .. | 659 |
| *Deduct*—Refunds .. .. | 136 | .. | 136 |
| Total, Revenue realized in the Public Works Department .. | 5,203 | 118 | 5,321 |
| Irrigation Revenue realized in Civil Department .. .. .. | 3,38,462 | 29,814 | 3,68,276 |
| Total, Direct Receipts .. | 3,43,665 | 29,932 | 3,73,597 |
| II Indirect Receipts—Shares of Revenue collected in the Civil Department .. .. | 56,061 | 5,140 | 61,201 |
| Total, Public Works and Civil Departments, Revenue .. | 3,99,726 | 35,072 | 4,34,798 |
| Total, Receipts .. | 3,99,726 | 35,072 | 4,34,798 |

| Charges. | Total. Previous. | Total. 1934–1935. | Total. Total. |
|---|---|---|---|
| | RS. | RS. | RS. |
| I. EXTENSIONS AND IMPROVEMENTS— | | | |
| (1) Head works .. .. .. | 1,634 | 1,142 | 1,776 |
| (2) Main canals and branches .. | 26,717 | 230 | 26,947 |
| (3) Distributaries .. .. .. | 1,608 | 328 | 1,936 |
| (4) Drainage and protective works .. | .. | .. | .. |
| (5) Special tools and plant .. .. | .. | .. | .. |
| Total .. | 29,359 | 1,700 | 31,059 |
| II. MAINTENANCE AND REPAIRS— | | | |
| (1) Head works .. .. .. | 34,845 | 2,326 | 37,171 |
| (2) Main canals and branches .. | 39,504 | 2,077 | 41,581 |
| (3) Distributaries .. .. .. | 18,720 | 1,596 | 20,316 |
| (4) Drainage and protective works .. | .. | .. | .. |
| (5) Special tools and plant .. .. | .. | .. | .. |
| Total .. | 93,069 | 5,999 | 99,068 |
| Total, Extensions and Improvements and Maintenance and Repairs .. .. .. | 1,22,428 | 7,699 | 1,30,127 |
| IV. ESTABLISHMENT .. .. .. .. | 39,831 | 3,415 | 43,246 |
| V. TOOLS AND PLANT .. .. .. | 796 | 30 | 826 |
| VI. RECOVERIES ON REVENUE ACCOUNT .. | 16 | .. | 16 |
| Total, Direct Charges .. | 1,63,039 | 11,144 | 1,74,183 |
| Share of collection charges in the Civil Department .. .. .. | 17,051 | 1,523 | 18,574 |
| Indirect charges .. .. .. .. | 2,351 | 77 | 2,428 |
| Total, Direct and Indirect Charges .. | 1,82,441 | 12,744 | 1,95,185 |
| Balance, net revenue .. .. | 2,17,285 | 22,328 | 2,39,613 |
| Grand Total .. | 3,99,726 | 35,072 | 4,34,798 |



## MOPAD PROJECT—*Canal Project*—cont.

### No. 4.—Interest Account for and to end of 1934–1935.

| | Amount. | | Amount. |
|---|---|---|---|
| | RS. | | RS. |
| Total interest charges to end of 1933–1934 .. .. .. | 16,69,652 | Net revenue realized to end of 1933–1934 .. .. .. | 2,17,285 |
| * Total interest charges for the year 1934–1935 .. .. | 82,723 | Net revenue realized during 1934–1935 .. .. .. | 22,328 |
| | | Balance, net interest charges .. | 15,12,762 |
| Total .. | 17,52,375 | Total .. | 17,52,375 |
| * Interest at 3·3252 per cent on the outlay to end of 1916–1917. | 54,791 | | |
| Interest at 5·12 per cent on the outlay of Rs. 5,45,538 from 1917–1918 to end of 1933–1934 plus half the outlay during 1934–1935 .. .. .. | 27,932 | | |
| Total .. | 82,723 | | |

### No. 5.—Account of Indirect Charges for and to end of 1934–1935.

| Particulars. | Previous. | 1934–1935. | Total. |
|---|---|---|---|
| | RS. | RS. | RS. |
| CAPITAL— | | | |
| Capitalization of abatement of land revenue .. | 51,698 | .. | 51,698 |
| Leave and pension allowances .. .. .. | 44,856 | .. | 44,856 |
| Audit and accounts .. .. .. .. .. | — 132 | .. | — 132 |
| Total .. | 96,422 | .. | 96,422 |
| REVENUE— | | | |
| Capitalization of abatement of land revenue .. | .. | .. | .. |
| Leave and pension allowances .. .. .. | 1,126 | .. | 1,126 |
| Audit and accounts .. .. .. .. .. | 1,225 | 77 | 1,302 |
| Total .. | 2,351 | 77 | 2,428 |
| Grand Total .. | 98,773 | 77 | 98,850 |

## 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. | Remarks. | |
|---|---|---|---|---|---|---|---|---|
| | Expenditure against construction estimate. | Expenditure against open canal sanction. | Total. | Charges to date. | Amount of sanctioned estimate. | Unspent balance of estimate. | | G.O. No. and date. | Amount of estimate. |
| | RS. | | RS. | | | | RS. | | |
| *Direct Charges.* | | | | | | | | | |
| Works .. .. | 16,66,575 | .. | 16,66,575 | .. | .. | .. | 16,66,575 | | |
| Establishment .. .. | 3,20,381 | .. | 3,20,381 | .. | .. | .. | 3,20,381 | | |
| Tools and plant .. .. | 2,34,213 | .. | 2,34,213 | .. | .. | .. | 2,34,213 | | |
| Suspense account .. | .. | .. | .. | .. | .. | .. | .. | | |
| Total .. | 22,21,169 | .. | 22,21,169 | .. | .. | .. | 22,21,169 | | |
| *Less*—Receipts on capital account .. | 27,894 | .. | 27,894 | .. | .. | .. | 27,894 | | |
| Net Total .. | 21,93,275 | .. | 21,93,275 | .. | .. | .. | 21,93,275 | | |
| *Indirect Charges.* | | | | | | | | | |
| Capitalized abatement of land revenue .. | 51,698 | .. | 51,698 | .. | .. | .. | 51,698 | | |
| Leave and pension allowances .. .. | 44,856 | .. | 44,856 | .. | .. | .. | 44,856 | | |
| Audit and accounts .. | — 132 | .. | — 132 | .. | .. | .. | — 132 | | |
| Total .. | 96,422 | .. | 96,422 | .. | .. | .. | 96,422 | | |
| Grand Total .. | 22,89,697 | .. | 22,89,697 | .. | .. | .. | 22,89,697 | | |



ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1934–1935.

## KANIYAMPALAYAM ANICUT—*Tank Project.*

### No. 2.—Capital Account for and to end of 1934–1935.

| Heads of account. | Direct Charges. Previous. | 1934–1935. | Total. | Construction estimate closed on 31st March 1922. | Expenditure against closed estimate. |
|---|---|---|---|---|---|
| | RS. | RS. | RS. | RS. | RS. |
| I. WORKS— | | | | | |
| (1) *Head Works*— | | | | | |
| A. Preliminary expenses .. .. | 1,762 | .. | 1,762 | 1,762 | 1,762 |
| B. Land .. .. | .. | .. | .. | .. | .. |
| C. Works .. .. | 73,244 | .. | 73,244 | 73,244 | 73,244 |
| K. Buildings .. .. | .. | .. | .. | .. | .. |
| L. Earthwork .. | .. | .. | .. | .. | .. |
| O. Miscellaneous .. | .. | .. | .. | .. | .. |
| Total .. | 75,006 | .. | 75,006 | 75,006 | 75,006 |
| (2) *Main Canals and Branches*— | | | | | |
| A. Preliminary expenses .. .. | .. | .. | .. | .. | .. |
| B. Land .. .. | .. | .. | .. | .. | .. |
| C. Works .. .. | 1,144 | .. | 1,144 | 1,144 | 1,144 |
| D. Regulators .. | .. | .. | .. | .. | .. |
| F. Rivers and hill torrents .. .. | .. | .. | .. | .. | .. |
| F. (1) Other cross drainage works. | 11,776 | .. | 11,776 | 11,776 | 11,776 |
| G. Bridges .. .. | .. | .. | .. | .. | .. |
| K. Buildings .. .. | 1,000 | .. | 1,000 | 1,000 | 1,000 |
| L. Earthwork .. | 8,465 | .. | 8,465 | 8,465 | 8,465 |
| O. Miscellaneous .. | .. | .. | .. | .. | .. |
| P. Maintenance .. | .. | .. | .. | .. | .. |
| Total .. | 22,385 | .. | 22,385 | 22,385 | 22,385 |
| (3) *Distributaries*— | | | | | |
| B. Land .. .. | .. | .. | .. | .. | .. |
| C. Works .. .. | .. | .. | .. | .. | .. |
| L. Earthwork .. | .. | .. | .. | .. | .. |
| O. Miscellaneous .. | .. | .. | .. | .. | .. |
| P. Maintenance .. | .. | .. | .. | .. | .. |
| Total .. | .. | .. | .. | .. | .. |
| (6) *Special tools and plant* .. | .. | .. | .. | .. | .. |
| Provision for unforeseen works. | .. | .. | .. | .. | .. |
| Total, Works .. | 97,391 | .. | 97,391 | 97,391 | 97,391 |
| II. ESTABLISHMENT .. .. | 27,035 | .. | 27,035 | 27,035 | 27,035 |
| III. TOOLS AND PLANT .. .. | 495 | .. | 495 | 495 | 495 |
| Grand Total .. | 1,24,921 | .. | 1,24,921 | 1,24,921 | 1,24,921 |
| V. *Less* RECEIPTS ON CAPITAL ACCOUNT .. | 17,700 | .. | 17,700 | 17,700 | 17,700 |
| Net Total .. | 1,07,221 | .. | 1,07,221 | 1,07,221 | 1,07,221 |
| Chargeable to "43. Irrigation—Provincial" .. .. .. | 1,15,679 | .. | 1,15,679 | .. | .. |
| Chargeable to "55-A. Irrigation Works—2. Unproductive" .. | — 8,458 | . | — 8,458 | .. | .. |
| Total .. | 1,07,221 | .. | 1,07,221 | .. | .. |

## KANIYAMPALAYAM ANICUT—*Tank Project*—cont.

### No. 3.—Revenue Account for and to end of 1934–1935.

| Receipts. | Total. Previous. | 1934–1935. | Total. |
|---|---|---|---|
| | RS. | RS. | RS. |
| DIRECT RECEIPTS— | | | |
| 1. Water-rates .. .. .. | 40,000 | 4,000 | 44,000 |
| 6. Receipts from other canal produce .. .. .. | .. | .. | .. |
| 9. Rent of buildings .. .. | .. | .. | .. |
| 11. Miscellaneous .. .. | 3 | .. | 3 |
| Total, Revenue realized in the Public Works Department .. | 40,003 | 4,000 | 44,003 |
| Irrigation Revenue realized in Civil Department .. .. | .. | .. | .. |
| Total, Direct receipts .. .. | 40,003 | 4,000 | 44,003 |
| II. Indirect receipts—Share of Land Revenue collected in the Civil Department .. | .. | .. | .. |
| Total, Public Works and Civil Departments, Revenue .. | 40,003 | 4,000 | 44,003 |
| Net deficit, if any .. .. | 10,433 | — 1,521 | 8,912 |
| Total .. | 50,436 | 2,479 | 52,915 |

| Charges. | Total. Previous. | 1934–1935. | Total. |
|---|---|---|---|
| | RS. | RS. | RS. |
| I. EXTENSIONS AND IMPROVEMENTS— | | | |
| (1) Head works .. .. .. .. | 248 | .. | 248 |
| (2) Main canals and branches .. .. | .. | .. | .. |
| (3) Distributaries .. .. .. .. | .. | .. | .. |
| (4) Drainage and protective works .. | .. | .. | .. |
| (5) Special tools and plant .. .. | .. | .. | .. |
| Total .. | 248 | .. | 248 |
| II. MAINTENANCE AND REPAIRS— | | | |
| (1) Head works .. .. .. .. | 38,510 | 1,869 | 40,379 |
| (2) Main canals and branches .. .. | .. | .. | .. |
| (3) Distributaries .. .. .. .. | .. | .. | .. |
| (4) Drainage and protective works .. | .. | .. | .. |
| (5) Special tools and plant .. .. | .. | .. | .. |
| *Add*—Unclassifiable outlay .. .. | .. | .. | .. |
| Total .. | 38,510 | 1,869 | 40,379 |
| Total, Extensions and Improvements and Maintenance and Repairs .. .. | 38,758 | 1,869 | 40,627 |
| IV. ESTABLISHMENT .. .. .. | 10,196 | 581 | 10,777 |
| V. TOOLS AND PLANT .. .. .. | 518 | 10 | 528 |
| VI. REFUNDS AND REVENUE .. .. | .. | .. | .. |
| Total, Direct charges .. .. | 49,472 | 2,460 | 51,932 |
| Share of collection charges in the Civil Department .. .. .. .. | .. | .. | .. |
| Indirect charges .. .. .. .. | 964 | 19 | 983 |
| Total, Direct and Indirect charges .. | 50,436 | 2,479 | 52,915 |
| Balance, Net revenue .. | .. | .. | .. |
| Grand Total .. | 50,436 | 2,479 | 52,915 |



## KANIYAMPALAYAM ANICUT—*Tank Project*—cont.

### No. 4.—Interest Account for and to end of 1934–1935.

| | Amount. |
|---|---|
| | RS. |
| Total Interest charges to end of 1933–1934 .. .. | 92,319 |
| * Total interest charges for the year 1934–1935 .. .. | 4,980 |
| Total .. | 97,299 |
| * Interest at 3·3252 per cent on the outlay to end of 1916–1917. Interest at 5·12 per cent on the outlay of Rs. 78,812 from 1917–1918 to end of 1933–1934 plus half the outlay during 1934–1935 .. .. | 4,035 |
| Total .. | 4,980 |

| | Amount. |
|---|---|
| | RS. |
| Net revenue realized to end of 1933–1934 .. .. | — 10,433 |
| Net revenue realized during 1934–1935 .. .. .. | 1,521 |
| Balance, net interest charges .. | 1,06,211 |
| Total .. | 97,299 |

### No. 5.—Account of Indirect Charges for and to end of 1934–1935.

| Particulars. | Previous. | 1934–1935. | Total. |
|---|---|---|---|
| | RS. | RS. | RS. |
| CAPITAL— | | | |
| Capitalization of abatement of land revenue .. | .. | .. | .. |
| Leave and pension allowances .. .. .. | 3,787 | .. | 3,787 |
| Audit and accounts .. .. .. | 66 | .. | 66 |
| Total .. | 3,853 | .. | 3,853 |
| REVENUE— | | | |
| Capitalization of abatement of land revenue .. | .. | .. | .. |
| Leave and pension allowances .. .. .. | 576 | .. | 576 |
| Audit and accounts .. .. .. .. | 388 | 19 | 407 |
| Total .. | 964 | 19 | 983 |
| Grand Total .. | 4,817 | 19 | 4,836 |

## KANIYAMPALAYAM ANICUT—*Tank Project*—cont.

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

| Particulars. | Charges against closed sanctions. | | | Current sanctions. | | | Remarks. | |
|---|---|---|---|---|---|---|---|---|
| | Expenditure against construction estimate. | Expenditure against open canal sanction. | Total. | Charges to date. | Amount of sanctioned estimate. | Unspent balance of estimate. | Total charges to date against old and current sanctions. | G.O. No. and date. | Amount of estimate. |
| | RS. | RS. | RS. | | | | RS. | | |
| *Direct Charges.* | | | | | | | | | |
| Works .. .. | 92,266 | 5,125 | 97,391 | .. | .. | .. | 97,391 | | |
| Establishment .. | 25,172 | 1,863 | 27,035 | .. | .. | .. | 27,035 | | |
| Tools and plant .. | 453 | 42 | 495 | .. | .. | .. | 495 | | |
| Suspense account .. | .. | .. | .. | .. | .. | .. | .. | | |
| Total .. | 1,17,891 | 7,030 | 1,24,921 | .. | .. | .. | 1,24,921 | | |
| *Less*—Receipts on capital account .. | .. | 17,700 | 17,700 | .. | .. | .. | 17,700 | | |
| Net Total .. | 1,17,891 | — 10,670 | 1,07,221 | .. | .. | .. | 1,07,221 | | |
| *Indirect Charges.* | | | | | | | | | |
| Capitalized abatement of land revenue .. | .. | .. | .. | .. | .. | .. | .. | | |
| Leave and pension allowances .. .. | 3,525 | 262 | 3,787 | .. | .. | .. | 3,787 | | |
| Audit and accounts .. | 15 | 51 | 66 | .. | .. | .. | 66 | | |
| Total .. | 3,540 | 313 | 3,853 | .. | .. | .. | 3,853 | | |
| Grand Total .. | 1,21,431 | — 10,357 | 1,11,074 | .. | .. | .. | 1,11,074 | | |



## TIPPAYAPALEM PROJECT—*Tank Project.*

### No. 2.—Capital Account for and to end of 1934–1935.

| Heads of account. | Direct Charges. | | | Cost of construction as now estimated. | Expenditure against closed estimate. |
|---|---|---|---|---|---|
| | Previous. | 1934–1935. | Total. | | |
| | RS. | RS. | RS. | RS. | |
| I. WORKS— | | | | | |
| (1) *Head Works*— | | | | | |
| B. Land .. .. | 29,582 | 5,664 | 35,246 | 53,897 | .. |
| C. Works .. .. | 38,054 | 34,412 | 72,466 | 78,430 | .. |
| K. Buildings .. | 740 | 3,463 | 4,203 | 7,290 | .. |
| L. Earthwork .. | 44,653 | 45,929 | 90,582 | 1,08,430 | .. |
| O. Miscellaneous .. | 4,751 | — 3,092 | 1,659 | 10,590 | .. |
| Unforeseen works .. | 12,161 | 2,224 | 14,385 | 14,210 | .. |
| Total .. | 1,29,941 | 88,600 | 2,18,541 | 2,72,847 | .. |
| (2) *Main Canals and Branches*— | | | | | |
| L. Earthwork .. | 46 | 1,481 | 1,527 | 25,960 | .. |
| Unforeseen works .. | .. | .. | .. | 1,307 | .. |
| Total .. | 46 | 1,481 | 1,527 | 27,267 | .. |
| (3) *Distributaries*— | | | | | |
| C. Works .. .. | .. | .. | .. | .. | .. |
| L. Earthwork .. | .. | .. | .. | .. | .. |
| O. Miscellaneous .. | .. | .. | .. | .. | .. |
| Total .. | .. | .. | .. | .. | .. |
| (6) *Special tools and plant* .. | .. | .. | .. | .. | .. |
| Total, Works .. | 1,29,987 | 90,081 | 2,20,068 | 3,00,114 | .. |
| II. ESTABLISHMENT .. .. | 32,045 | 18,019 | 50,064 | 77,820 | .. |
| III. TOOLS AND PLANT .. .. | 418 | 141 | 559 | 6,002 | .. |
| Grand Total .. | 1,62,450 | 1,08,241 | 2,70,691 | 3,83,936 | .. |
| V. *Less*—RECEIPTS ON CAPITAL ACCOUNT .. .. .. | 656 | .. | 656 | .. | .. |
| Net Total .. | 1,61,794 | 1,08,241 | 2,70,035 | 3,83,936 | .. |
| Chargeable to "55-A. and 16. Irrigation Works—Unproductive" .. .. .. .. | 1,61,794 | 1,08,241 | 2,70,035 | .. | .. |

## TIPPAYAPALEM PROJECT—*Tank Project*—cont.

### No. 4.—Interest Accounts for and to end of 1934–1935.

| | Amount. | | Amount. |
|---|---|---|---|
| | RS. | | RS. |
| Total interest charges to end of 1933–1934 .. .. .. | 38,004 | Net revenue realized to end of 1933–1934 .. .. .. | .. |
| Total interest charges for the year 1934–1935— | | Net revenue realized during 1934–1935 .. .. .. | .. |
| Interest at 5·12 per cent on the outlay of Rs. 2,15,915 from 1924–1925 to end of 1933–1934 plus half the outlay during 1934–1935 as the first outlay was in 1924–1925 .. | 11,055 | Balance, net interest charges .. | 49,059 |
| Total .. | 49,059 | Total .. | 49,059 |

### No. 5.—Account of Indirect Charges for and to end of 1934–1935.

| Particulars. | Previous. | 1934–1935. | Total. |
|---|---|---|---|
| | RS. | RS. | RS. |
| CAPITAL— | | | |
| Capitalization of abatement of land revenue .. | 4,600 | .. | 4,600 |
| Leave and pension allowances .. .. .. | 2,688 | .. | 2,688 |
| Audit and accounts .. .. .. .. .. | 1,302 | 901 | 2,203 |
| Total .. | 8,590 | 901 | 9,491 |
| REVENUE— | | | |
| Capitalization of abatement of land revenue .. | .. | .. | .. |
| Leave and pension allowances .. .. .. | .. | .. | .. |
| Audit and accounts .. .. .. .. .. | .. | .. | .. |
| Total .. | .. | .. | .. |
| Grand Total .. | 8,590 | 901 | 9,491 |



## TIPPAYAPALEM PROJECT—*Tank Project*—cont.

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

| Particulars. | CHARGES AGAINST CLOSED SANCTIONS. | | | CURRENT SANCTIONS. | | | Total charges to date against old and current sanctions. | REMARKS. | |
|---|---|---|---|---|---|---|---|---|---|
| | Expenditure against construction estimate. | Expenditure against open canal sanctions. | Total. | Charges to date. | Amount of sanctioned estimate. | Unspent balance of estimate. | | G.O. No. and date. | Amount of estimate. |
| | | | | RS. | RS. | RS. | | | RS. |
| *Direct Charges.* | | | | | | | | *Direct Charges—Works.* | |
| Works .. .. | .. | .. | .. | 2,20,068 | 3,00,114 | 80,046 | .. | R.E. G.O. No. 468 I., dated 23rd February 1932. | 3,00,114 |
| Establishment .. | .. | .. | .. | 50,064 | 77,820 | 27,756 | .. | | |
| Tools and plant .. | .. | .. | .. | 559 | 6,002 | 5,443 | .. | | |
| Suspense account .. | .. | .. | .. | .. | .. | .. | .. | | |
| Total .. | .. | .. | .. | 2,70,691 | 3,83,936 | 1,13,245 | .. | | |
| *Less*—Receipts on Capital account .. | .. | .. | .. | 656 | .. | – 656 | .. | *Indirect Charges.* | |
| Net Total .. | .. | .. | .. | 2,70,035 | 3,83,936 | 1,13,901 | .. | | |
| *Indirect Charges.* | | | | | | | | | |
| Capitalized abatement of land revenue .. | .. | .. | .. | 4,600 | 17,800 | 13,200 | .. | .... | 23,489 |
| Leave and pension allowances .. | .. | .. | .. | 2,688 | 2,688 | .. | .. | | |
| Audit and accounts .. | .. | .. | .. | 2,203 | 3,001 | 798 | .. | | |
| Total .. | .. | .. | .. | 9,491 | 23,489 | 13,998 | .. | | |
| Grand Total .. | .. | .. | .. | 2,79,526 | 4,07,425 | 1,27,899 | .. | | |

## BASAVANNAH CHANNEL.

### No. 2.—Capital Account for and to end of 1934–1935.

| Heads of account. | Direct Charges. Previous. | 1934–1935. | Total. | Cost of construction as now estimated. | Expenditure against closed estimate. |
|---|---|---|---|---|---|
| | RS. | RS. | RS. | RS. | |
| I. WORKS— | | | | | |
| (1) *Head Works*— | | | | | |
| C. Works .. .. | 12,899 | .. | 12,899 | 14,030 | .. |
| Total .. | 12,899 | .. | 12,899 | 14,030 | .. |
| (2) *Main Canals and Branches*— | | | | | |
| B. Land .. .. | 21,729 | 1 | 21,730 | 21,730 | .. |
| C. Works .. .. | 1,00,725 | 634 | 1,01,359 | 98,406 | .. |
| F. (1) Other cross drainage works .. | .. | 5,461 | 5,461 | .. | .. |
| L. Earthwork .. | 2,78,519 | 2,904 | 2,81,423 | 2,91,714 | .. |
| O. Miscellaneous .. | 8,282 | 1,543 | 9,825 | 8,290 | .. |
| Total .. | 4,09,255 | 10,543 | 4,19,798 | 4,20,140 | .. |
| (3) *Distributaries*— | | | | | |
| L. Earthwork .. | 155 | 399 | 554 | 34,555 | .. |
| Total .. | 155 | 399 | 554 | 34,555 | .. |
| Total, Works .. | 4,22,309 | 10,942 | 4,33,251 | 4,68,725 | .. |
| II. ESTABLISHMENT .. .. | 1,01,191 | 2,189 | 1,03,380 | 1,13,706 | .. |
| III. TOOLS AND PLANT .. | 2,124 | 17 | 2,141 | 3,092 | .. |
| Grand Total .. | 5,25,624 | 13,148 | 5,38,772 | 5,85,523 | .. |
| V. *Less*—RECEIPTS ON CAPITAL ACCOUNT .. .. | .. | .. | .. | .. | .. |
| Net Total .. | 5,25,624 | 13,148 | 5,38,772 | 5,85,523 | .. |
| Chargeable to 55-A. Irrigation Works—Productive .. .. | 2,06,225 | .. | 2,06,225 | .. | .. |
| Chargeable to 55. and 16-A. Irrigation Works—Unproductive .. .. .. .. | 3,19,399 | 13,148 | 3,32,547 | .. | .. |
| | 5,25,624 | 13,148 | 5,38,772 | .. | .. |



ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1934–1935.

## BASAVANNAH CHANNEL—*cont.*

### No. 3.—Revenue Account.

| Charges. | Total. Previous. | 1934–1935. | Total. |
|---|---|---|---|
| | RS. | | RS. |
| EXTENSIONS AND IMPROVEMENTS— Main canals and branches .. .. | 1,982 | .. | 1,982 |
| Total .. | 1,982 | .. | 1,982 |
| Establishment .. .. .. | 390 | .. | 390 |
| Tools and plant .. .. .. | 4 | .. | 4 |
| Total .. | 2,376 | .. | 2,376 |
| Indirect charges .. .. .. | 20 | .. | 20 |
| Total .. | 2,396 | .. | 2,396 |

| Receipts. | Total. Previous. | 1934–1935. | Total. |
|---|---|---|---|
| | RS. | | RS. |
| Deficit .. .. .. | 2,396 | .. | 2,396 |
| Total .. | 2,396 | .. | 2,396 |

## BASAVANNAH CHANNEL—*cont.*

### No. 4.—Interest Account for and to end of 1934–1935.

| | Amount. | | Amount. |
|---|---|---|---|
| | RS. | | RS. |
| Total interest charges to end of 1933–1934 .. .. .. | 1,55,186 | Net revenue realized to end of 1933–1934 .. .. .. | — 2,396 |
| * Total interest charges for the year 1934–1935 .. .. | 27,249 | Net revenue realized during 1934–1935 .. .. .. | .. |
| | | Balance, net interest charges .. | 1,84,831 |
| Total .. | 1,82,435 | Total .. | 1,82,435 |

* Interest at 5·12 per cent on the outlay of Rs. 5,32,197 from 1925–1926 to end of 1933–1934 plus half the outlay during 1934–1935 as the first outlay was in 1925–1926 .. .. 27,249

### No. 5.—Account of Indirect Charges for and to end of 1934–1935.

| Particulars. | Previous. | 1934–1935. | Total. |
|---|---|---|---|
| | RS. | RS. | RS. |
| CAPITAL— | | | |
| Capitalization of abatement of land revenue .. | 1,229 | .. | 1,229 |
| Leave and pension allowances .. .. .. | 661 | .. | 661 |
| Audit and accounts .. .. .. .. .. | 4,223 | 109 | 4,332 |
| Total .. | 6,113 | 109 | 6,222 |
| REVENUE— | | | |
| Leave and pension allowances .. .. .. | .. | .. | .. |
| Audit and accounts .. .. .. .. .. | 20 | .. | 20 |
| Total .. | 20 | .. | 20 |
| Grand Total .. | 6,133 | 109 | 6,242 |



## BASAVANNAH CHANNEL—*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. | Remarks. | |
|---|---|---|---|---|---|---|---|---|---|
| | Expenditure against construction estimate. | Expenditure against open canal sanction. | Total. | Charges to date. | Amount of sanctioned estimate. | Unspent balance of estimate. | | G.O. No. and date. | Amount of estimate. |
| | | | | | | RS. | | | RS. |
| *Direct Charges.* | | | | | | | | *Direct Charges.* | |
| Works .. .. | .. | .. | .. | 4,33,251 | 4,68,725 | 35,474 | .. | G.O. No. P-2567 I., dated 25th November 1933 and Chief Engineer's No. 1393/31-C-27, dated 18th December 1933. | 4,68,725 |
| Establishment .. .. | .. | .. | .. | 1,03,380 | 1,13,706 | 10,326 | .. | | |
| Tools and plant .. .. | .. | .. | .. | 2,141 | 3,092 | 951 | .. | | |
| Suspense account .. .. | .. | .. | .. | .. | .. | .. | .. | | |
| Total .. | .. | .. | .. | 5,38,772 | 5,85,523 | 46,751 | .. | | |
| *Less*—Receipts on capital account .. | .. | .. | .. | .. | .. | .. | .. | | |
| Net Total .. | .. | .. | .. | 5,38,772 | 5,85,523 | 46,751 | .. | | |
| *Indirect Charges.* | | | | | | | | *Indirect Charges.* | |
| Capitalized abatement of land revenue .. | .. | .. | .. | 1,229 | 1,229 | .. | .. | G.O. No. P-2567 I., dated 25th November 1933 and Chief Engineer's No. 1393/31-C-27, dated 18th December 1933. | 6,577 |
| Leave and pension allowances .. .. | .. | .. | .. | 661 | 661 | .. | .. | | |
| Audit and accounts .. .. | .. | .. | .. | 4,332 | 4,687 | 355 | .. | | |
| Total .. | .. | .. | .. | 6,222 | 6,577 | 355 | .. | | |
| Grand Total .. | .. | .. | .. | 5,44,994 | 5,92,100 | 47,106 | .. | | |

## GANJAM-GOPALPUR CANAL—*Canal Project.*

### No. 2.—Capital Account for and to end of 1934–1935.

| Heads of account. | Direct Charges. Previous. | 1934–1935. | Total. | Cost of construction as now estimated (closed in 1893). | Expenditure against closed estimate |
|---|---|---|---|---|---|
| | RS. | | RS. | RS. | RS. |
| I. WORKS— | | | | | |
| (2) *Main Canals and Branches*— | | | | | |
| A. Preliminary expenses .. .. | 623 | .. | 623 | 623 | 623 |
| B. Land .. .. | 632 | .. | 632 | 632 | 632 |
| L. Earthwork .. | 94,093 | .. | 94,093 | 94,093 | 94,093 |
| O. Miscellaneous .. | 7,327 | .. | 7,327 | 7,327 | 7,327 |
| Total .. | 1,02,675 | .. | 1,02,675 | 1,02,675 | 1,02,675 |
| (6) *Special tools and plant* .. | .. | .. | .. | .. | .. |
| Total, Works .. | 1,02,675 | .. | 1,02,675 | 1,02,675 | 1,02,675 |
| II. ESTABLISHMENT .. .. | 37,799 | .. | 37,799 | 37,799 | 37,799 |
| II. TOOLS AND PLANT .. .. | 2,733 | .. | 2,733 | 2,733 | 2,733 |
| Grand Total .. | 1,43,207 | .. | 1,43,207 | 1,43,207 | 1,43,207 |
| V *Less*—RECEIPTS ON CAPITAL ACCOUNT .. | 107 | .. | 107 | 107 | 107 |
| * Net Total .. | 1,43,100 | .. | 1,43,100 | 1,43,100 | 1,43,100 |

* Chargeable to "43. Minor Works and Navigation—Provincial."



## GANJAM-GOPALPUR CANAL—*Canal Project*—cont.

### No. 3.—Revenue Account for and to end of 1934–1935.

| Receipts. | Total. Previous. | 1934–1935. | Total. |
|---|---|---|---|
| | RS. | RS. | RS. |
| DIRECT RECEIPTS— | | | |
| 5. Receipts from plantations .. | 18,494 | .. | 18,494 |
| 6. Receipts from other canal produce .. .. .. | 329 | .. | 329 |
| 11. Miscellaneous .. .. .. | 498 | 2 | 500 |
| Refunds .. .. .. .. | 55 | .. | 55 |
| Total revenue realized in the Public Works Department .. .. | 19,266 | 2 | 19,268 |
| Total, Public Works and Civil Departments, Revenue .. | 19,266 | 2 | 19,268 |
| Total, Receipts .. | 19,266 | 2 | 19,268 |

| Charges. | Total. Previous. | 1934–1935. | Total. |
|---|---|---|---|
| | RS. | RS. | RS. |
| I. EXTENSIONS AND IMPROVEMENTS— | | | |
| (1) Head works .. .. | .. | .. | .. |
| (2) Main canals and branches .. | 555 | .. | 555 |
| (3) Distributaries .. .. | .. | .. | .. |
| (4) Drainage and protective works | .. | .. | .. |
| (5) Special tools and plant .. | .. | .. | .. |
| Total .. | 555 | .. | 555 |
| II. MAINTENANCE AND REPAIRS— | | | |
| (1) Head works .. .. | 7,063 | .. | 7,063 |
| (2) Main canals and branches .. | 46 | .. | 46 |
| (3) Distributaries .. .. | .. | .. | .. |
| (4) Drainage and protective works | .. | .. | .. |
| (5) Special tools and plant .. | .. | .. | .. |
| Total .. | 7,109 | .. | 7,109 |
| Total, Extensions and Improvements and Maintenance and Repairs .. | 7,664 | .. | 7,664 |
| IV. ESTABLISHMENT .. .. .. | 2,326 | .. | 2,326 |
| V. TOOLS AND PLANT .. .. .. | 70 | .. | 70 |
| VI. REFUNDS OF REVENUE .. .. | .. | .. | .. |
| Total, Direct Charges. | 10,060 | .. | 10,060 |
| Share of collection charges in the Civil department .. .. .. | .. | .. | .. |
| Indirect Charges .. .. .. | 606 | .. | 606 |
| Total, Direct and Indirect Charges .. | 10,666 | .. | 10,666 |
| Balance, net revenue .. | 8,600 | 2 | 8,602 |
| Grand Total .. | 19,266 | 2 | 19,268 |

GANJAM-GOPALPUR CANAL—*Canal Project*—cont.

## No. 4.—Interest Account for and to end of 1934–1935.

| | Amount. | | Amount. |
|---|---|---|---|
| | RS. | | RS. |
| Total interest charges to end of 1933–1934 .. .. .. | 2,37,584 | Net revenue realized to end of 1933–1934 .. .. .. | 8,600 |
| * Total interest charges for the year 1934–1935.. .. .. | 4,758 | Net revenue realized during 1934–1935 .. .. .. | 2 |
| | | Balance, net interest charges .. | 2,33,740 |
| Total .. | 2,42,342 | Total .. | 2,42,342 |
| * Interest at 3·3252 per cent on the outlay to end of 1916–1917. | 4,758 | | |
| Interest at 5·12 per cent on the outlay of Rs. nil from 1917–1918 to end of 1933–1934 plus half the outlay during 1934–1935 .. .. .. | .. | | |
| Total .. | 4,758 | | |

## No. 5.—Account of Indirect Charges for and to end of 1934–1935.

| Particulars. | Previous. | 1934–1935. | Total. |
|---|---|---|---|
| | RS. | | RS. |
| CAPITAL— | | | |
| Capitalization of abatement of land revenue .. | 7,100 | .. | 7,100 |
| Leave and pension allowances .. .. .. | 5,293 | .. | 5,293 |
| Audit and accounts .. .. .. .. .. | .. | .. | .. |
| Total .. | 12,393 | .. | 12,393 |
| REVENUE— | | | |
| Capitalization of abatement of land revenue .. | 303 | .. | 303 |
| Leave and pension allowances .. .. .. | 275 | .. | 275 |
| Audit and accounts .. .. .. .. .. | 28 | .. | 28 |
| Total .. | 606 | .. | 606 |
| Grand Total .. | 12,999 | .. | 12,999 |



GANJAM-GOPALPUR 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. | Remarks. | |
|---|---|---|---|---|---|---|---|---|---|
| | Expenditure against construction estimate. | Expenditure against open canal sanctions. | Total. | Charges to date. | Amount of sanctioned estimate. | Unspent balance of estimate. | | G.O. No. and date. | Amount of estimate. |
| | RS. | | | | | | RS. | | |
| *Direct Charges.* | | | | | | | | | |
| Works .. .. | 1,02,675 | .. | 1,02,675 | .. | .. | .. | 1,02,675 | | |
| Establishment .. .. | 37,799 | .. | 37,799 | .. | .. | .. | 37,799 | | |
| Tools and plant .. .. | 2,733 | .. | 2,733 | .. | .. | .. | 2,733 | | |
| Total .. | 1,43,207 | .. | 1,43,207 | .. | .. | .. | 1,43,207 | | |
| *Less*—Receipts on capital account .. | 107 | .. | 107 | .. | .. | .. | 107 | | |
| Net Total .. | 1,43,100 | .. | 1,43,100 | .. | .. | .. | 1,43,100 | | |
| *Indirect Charges.* | | | | | | | | | |
| Capitalized abatement of land revenue .. | 7,100 | .. | 7,100 | .. | .. | .. | 7,100 | | |
| Leave and pension allowances .. .. | 5,293 | .. | 5,293 | .. | .. | .. | 5,293 | | |
| Total .. | 12,393 | .. | 12,393 | .. | .. | .. | 12,393 | | |
| Grand Total .. | 1,55,493 | .. | 1,55,493 | .. | .. | .. | 1,55,493 | | |

## VEDARANNIYAM CANAL—*Canal Project.*

### No. 2.—Capital Account for and to end of 1934–1935.

| Heads of account. | Direct Charges. Previous. | 1934–1935. | Total. | Cost of construction as now estimated (construction estimate closed on 31st March 1893). | Expenditure against closed estimate. |
|---|---|---|---|---|---|
| | RS. | | RS. | RS. | RS. |
| I. WORKS— | | | | | |
| (2) *Main Canals and Branches*— | | | | | |
| Unclassifiable outlay. | 1,07,885 | .. | 1,07,885 | 1,07,885 | 1,07,885 |
| Total .. | 1,07,885 | .. | 1,07,885 | 1,07,885 | 1,07,885 |
| Total, Works .. | 1,07,885 | .. | 1,07,885 | 1,07,885 | 1,07,885 |
| II. ESTABLISHMENT .. .. | 24,814 | .. | 24,814 | 24,814 | 24,814 |
| (*a*) Grand Total .. | 1,32,699 | .. | 1,32,699 | 1,32,699 | 1,32,699 |

(*a*) Chargeable to "43. Minor Works and Navigation—Provincial."





## VEDARANNIYAM CANAL—*Canal Project*—cont.

### No. 3.—Revenue Accounts for and to end of 1934–1935.

| Receipts. | Total. Previous. | 1934–1935. | Total. |
|---|---|---|---|
| | RS. | RS. | RS. |
| I. DIRECT RECEIPTS— | | | |
| 5. Receipts from plantations .. | 149 | 1,204 | 1,353 |
| 6. Receipts from other canal produce .. .. | 677 | .. | 677 |
| 8. Navigation receipts .. | 46,567 | 700 | 47,267 |
| 9. Rents of buildings .. .. | 43 | .. | 43 |
| 10. Fines .. .. .. | 145 | .. | 145 |
| 11. Miscellaneous .. .. | 474 | 2 | 476 |
| *Deduct*—Refunds .. .. | 348 | 131 | 479 |
| Total revenue realized in the Public Works Department .. | 47,707 | 1,775 | 49,482 |
| Total, Direct receipts .. .. | 47,707 | 1,775 | 49,482 |
| Total, Public Works and Civil Departments, Revenue .. | 47,707 | 1,775 | 49,482 |
| Net deficit, if any .. .. .. | 3,19,374 | 29,867 | 3,49,241 |
| Total .. | 3,67,081 | 31,642 | 3,98,723 |

| Charges. | Total. Previous. | 1934–1935. | Total. |
|---|---|---|---|
| | RS. | RS. | RS. |
| I. EXTENSIONS AND IMPROVEMENTS— | | | |
| (1) Head works .. .. .. | .. | .. | .. |
| (2) Main canals and branches .. | 11,471 | .. | 11,471 |
| (3) Distributaries .. .. .. | 479 | .. | 479 |
| (4) Drainage and protective works .. | 638 | .. | 638 |
| (5) Special tools and plant .. .. | — 114 | .. | — 114 |
| Total .. | 12,474 | .. | 12,474 |
| II. MAINTENANCE AND REPAIRS— | | | |
| (1) Head works .. .. .. | .. | .. | .. |
| (2) Main canals and branches .. .. | 2,55,622 | 22,847 | 2,78,469 |
| (3) Distributaries .. .. .. | 85 | 6 | 91 |
| (4) Drainage and protective works .. | 6,046 | 149 | 6,195 |
| (5) Special tools and plant .. .. | 53 | .. | 53 |
| Total, Extensions and Improvements and Maintenance and Repairs .. | 2,61,806 | 23,002 | 2,84,808 |
| IV. ESTABLISHMENT .. .. .. | 2,74,280 | 23,002 | 2,97,282 |
| V. TOOLS AND PLANT .. .. .. | 75,462 | 8,331 | 83,793 |
| VI. REFUNDS OF REVENUE .. .. | 8,117 | 79 | 8,196 |
| | 41 | .. | 41 |
| Total, Direct Charges .. | 3,57,900 | 31,412 | 3,89,312 |
| Share of collection charges in the Civil department .. .. .. | .. | .. | .. |
| Indirect charges .. .. .. .. | 9,181 | 230 | 9,411 |
| Total, Direct and Indirect Charges .. | 3,67,081 | 31,642 | 3,98,723 |
| Balance, net revenue .. .. .. | .. | .. | .. |
| Grand Total .. | 3,67,081 | 31,642 | 3,98,723 |

## VEDARANNIYAM CANAL—*Canal Project*—cont.

### No. 4.—Interest Account for and to end of 1934–1935.

| | Amount. | | Amount. |
|---|---|---|---|
| | RS. | | RS. |
| Total interest charges to end of 1933–1934 .. .. .. | 3,31,105 | Net revenue realized to end of 1933–1934 .. .. .. | — 3,19,374 |
| Total interest charges for the year 1934–1935 .. .. | 4,412 | Net revenue realized during 1934–1935 .. .. .. | — 29,867 |
| | | Balance, net interest charges .. | 6,84,758 |
| Total .. | 3,35,517 | Total .. | 3,35,517 |
| Interest at 3·3252 per cent on the outlay to end of 1916–1917 .. | 4,412 | | |
| Interest at 5·12 per cent on the outlay of Rs. nil from 1917–1918 to end of 1933–1934 plus half the outlay during 1934–1935. | .. | | |
| Total .. | 4,412 | | |

### No. 5.—Account of Indirect Charges for and to end of 1934–1935.

| Particulars. | Previous. | 1934–1935. | Total |
|---|---|---|---|
| | RS. | RS. | RS. |
| CAPITAL— | | | |
| Capitalization of abatement of land revenue .. | 259 | .. | 259 |
| Leave and pension allowances .. .. .. | 3,474 | .. | 3,474 |
| Audit and accounts .. .. .. .. .. | .. | .. | .. |
| Total .. | 3,733 | .. | 3,733 |
| REVENUE— | | | |
| Capitalization of abatement of land revenue .. | 655 | .. | 655 |
| Leave and pension allowances .. .. .. | 7,623 | .. | 7,623 |
| Audit and accounts .. .. .. .. .. | 903 | 230 | 1,133 |
| Total .. | 9,181 | 230 | 9,411 |
| Grand Total .. | 12,914 | 230 | 13,144 |



## 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. | Remarks. | |
|---|---|---|---|---|---|---|---|---|---|
| | Expenditure against construction estimate. | Expenditure against open canal sanctions. | Total. | Charges to date. | Amount of sanctioned estimate. | Unspent balance of estimate. | | G.O. No. and date. | Amount of estimate. |
| | RS. | RS. | RS. | | | | RS. | | |
| *Direct Charges.* | | | | | | | | | |
| Works .. .. | 1,07,885 | .. | 1,07,885 | .. | .. | .. | 1,07,885 | | |
| Establishment .. .. | 24,814 | .. | 24,814 | .. | .. | .. | 24,814 | | |
| Tools and plant .. .. | .. | .. | .. | .. | .. | .. | .. | | |
| Suspense account .. .. | .. | .. | .. | .. | .. | .. | .. | | |
| Total .. | 1,32,699 | .. | 1,32,699 | .. | .. | .. | 1,32,699 | | |
| *Less*—Receipts on capital account .. | .. | .. | .. | .. | .. | .. | .. | | |
| Net Total .. | 1,32,699 | .. | 1,32,699 | .. | .. | .. | 1,32,699 | | |
| *Indirect Charges.* | | | | | | | | | |
| 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 | | |

## BUCKINGHAM CANAL—*Canal Project.*

### No. 2.—Capital Account for and to end of 1934–1935.

| Heads of account. | Direct Charges. Previous. | 1934–1935. | Total. | Cost of construction as now estimated (construction estimate closed in March 1897). | Expenditure against closed estimate. |
|---|---|---|---|---|---|
| | RS. | | RS. | RS. | RS. |
| I. WORKS— | | | | | |
| (2) *Main Canals and Branches*— | | | | | |
| A. Preliminary expenses .. .. | 10,642 | .. | 10,642 | 10,642 | 10,642 |
| B. Land .. .. | 3,81,557 | .. | 3,81,557 | 3,81,557 | 3,81,557 |
| D. Regulators .. | 1,230 | .. | 1,230 | 1,230 | 1,230 |
| E. Falls and weirs .. | 3,182 | .. | 3,182 | 3,182 | 3,182 |
| F. River and hill torrent works .. | 11,020 | .. | 11,020 | 11,020 | 11,020 |
| F (1) Other cross drainage works. | 87,717 | .. | 87,717 | 87,717 | 87,717 |
| G. Bridges .. .. | 2,48,996 | .. | 2,48,996 | 2,48,996 | 2,48,996 |
| H. Escapes .. .. | 22,022 | .. | 22,022 | 22,022 | 22,022 |
| I. Navigation work .. | 12,74,994 | .. | 12,74,994 | 12,74,994 | 12,74,994 |
| K. Buildings .. .. | 75,564 | .. | 75,564 | 75,564 | 75,564 |
| L. Earthwork .. | 41,77,311 | .. | 41,77,311 | 41,77,311 | 41,77,311 |
| O. Miscellaneous .. | 22,982 | .. | 22,982 | 22,982 | 22,982 |
| Total .. | 63,17,217 | .. | 63,17,217 | 63,17,217 | 63,17,217 |
| (6) *Special tools and plant* .. | .. | .. | .. | .. | .. |
| Provision for unforeseen works.. | .. | .. | .. | .. | .. |
| Total, outlay .. .. .. | 63,17,217 | .. | 63,17,217 | 63,17,217 | 63,17,217 |
| Old outlay .. .. .. | 5,04,091 | .. | 5,04,091 | 5,04,091 | 5,04,091 |
| Total, Works .. | 68,21,308 | .. | 68,21,308 | 68,21,308 | 68,21,308 |
| II. ESTABLISHMENT .. .. | 16,14,546 | .. | 16,14,546 | 16,14,546 | 16,14,546 |
| III. TOOLS AND PLANT .. .. | 1,81,040 | .. | 1,81,040 | 1,81,040 | 1,81,040 |
| Grand Total .. | 86,16,894 | . | 86,16,894 | 86,16,894 | 86,16,894 |
| V. *L s*—RECEIPTS ON CAPITAL ACCOUNT .. | 24,365 | .. | 24,365 | 24,365 | 24,365 |
| Net Total .. | 85,92,529 | .. | 85,92,529 | 85,92,529 | 85,92,529 |
| Chargeable to 35. Protective Major Works .. .. | 6,66,112 | .. | 6,66,112 | .. | .. |
| Chargeable to 43. Minor works and Navigation—Provincial. | 78,97,097 | .. | 78,97,097 | .. | .. |
| Chargeable to 55-B. Navigation, etc.—2. Unproductive .. | 29,320 | .. | 29,320 | .. | .. |
| Total .. | 85,92,529 | .. | 85,92,529 | .. | .. |



## BUCKINGHAM CANAL—*Canal Project*—cont.

### No. 3.—Revenue Account for and to end of 1934–1935.

| Receipts. | Total. Previous. | 1934–1935. | Total. |
|---|---|---|---|
| | RS. | RS. | RS. |
| 1 DIRECT RECEIPTS— | | | |
| 3. Sale of water .. .. | 1,155 | 100 | 1,255 |
| 5. Receipts from plantations .. | 36,929 | 70 | 36,999 |
| 6. Receipts from other canal produce. | 71,427 | .. | 71,427 |
| 8. Navigation receipts .. | 43,86,023 | 1,09,368 | 44,95,391 |
| 9. Rents of buildings .. .. | 12,408 | 538 | 12,946 |
| 10. Fines .. .. .. .. | 1,369 | .. | 1,369 |
| 11. Miscellaneous .. .. | 46,908 | 1,979 | 48,887 |
| Recoveries of expenditure .. | 951 | 51 | 1,002 |
| *Deduct*—Refunds .. .. | 2,250 | 1 | 2,251 |
| Receipts for which classification is not obtainable .. .. | 14,11,168 | .. | 14,11,168 |
| Total revenue realized in the Public Works Department .. | 59,66,088 | 1,12,105 | 60,78,193 |
| Total, Direct receipts .. .. | 59,66,088 | 1,12,105 | 60,78,193 |
| Total, Public Works and Civil Departments, Revenue .. | 59,66,088 | 1,12,105 | 60,78,193 |
| Net deficit, if any .. | 39,19,615 | 1,22,332 | 40,41,947 |
| Total .. | 98,85,703 | 2,34,437 | 1,01,20,140 |

| Charges. | Total. Previous. | 1934–1935. | Total. |
|---|---|---|---|
| | RS. | RS. | RS. |
| I.—EXTENSIONS AND IMPROVEMENTS— | | | |
| (1) Head works .. .. .. | .. | .. | .. |
| (2) Main canals and branches .. .. | 1,89,532 | 648 | 1,93,180 |
| (3) Distributaries .. .. .. | 1,016 | .. | 1,016 |
| (4) Drainage and protective works | 72 | .. | 72 |
| (5) Special tools and plant .. .. | .. | .. | .. |
| Total .. | 1,90,620 | 648 | 1,91,268 |
| II.—MAINTENANCE AND REPAIRS— | | | |
| (1) Head works .. .. .. | 21,709 | .. | 21,709 |
| (2) Main canals and branches .. | 66,16,543 | 1,88,912 | 68,05,455 |
| (3) Distributaries .. .. .. | 1,49,607 | .. | 1,49,607 |
| (4) Drainage and protective works .. | 1,33,061 | .. | 1,33,061 |
| (5) Special tools and plant .. .. | 3,125 | .. | 3,125 |
| *Add*—Unclassifiable outlay .. .. | 2,88,470 | .. | 2,88,470 |
| Total .. | 72,12,515 | 1,88,912 | 74,01,427 |
| Total, Extensions and Improvements and Maintenance and Repairs .. .. .. | 74,03,135 | 1,89,560 | 75,92,695 |
| IV. ESTABLISHMENT .. .. .. | 20,59,990 | 42,620 | 21,02,610 |
| V. TOOLS AND PLANT .. .. .. | 1,47,548 | 361 | 1,47,909 |
| VI. REFUNDS OF REVENUE.. .. .. | 22,074 | .. | 22,074 |
| *Deduct*—Recoveries on revenue account. | 4,115 | .. | 4,115 |
| Total, Direct Charges .. | 96,28,632 | 2,32,541 | 98,61,173 |
| Share of collection charges in the Civil department .. .. .. | 2,57,071 | 1,896 | 2,58,967 |
| Indirect charges .. .. .. | | | |
| Total, Direct and Indirect Charges .. | 98,85,703 | 2,34,437 | 1,01,20,140 |
| Balance, net revenue .. .. | .. | .. | .. |
| Grand Total .. | 98,85,703 | 2,34,437 | 1,01,20,140 |

BUCKINGHAM CANAL—*Canal Project*—cont.

## No. 4.—Interest Account for and to end of 1934–1935.

| | RS. | Amount. RS. |
|---|---|---|
| Total interest charges to end of 1933–1934 .. .. .. | | 1,67,86,124 |
| Total interest charges for the year 1934–1935— | | |
| Interest at 3·3252 per cent on the outlay to end of 1916–1917 .. | 2,83,243 | |
| Interest at 5·12 per cent on the outlay of Rs. 74,435 from 1917–1918 to end of 1933–1934 plus half the outlay during 1934–1935 .. .. | 3,811 | 2,87,054 |
| | Total .. | 1,70,73,178 |

| | Amount. RS. |
|---|---|
| Net revenue realized to end of 1933–1934 .. .. .. | — 39,19,615 |
| Net revenue realized during 1934–1935 .. .. .. | — 1,22,332 |
| Balance, net interest charges .. | 2,11,15,125 |
| Total .. | 1,70,73,178 |

## No. 5.—Account of Indirect Charges for and to end of 1934–1935.

| Particulars. | Previous. RS. | 1934–1935. RS. | Total. RS. |
|---|---|---|---|
| CAPITAL— | | | |
| Capitalization of abatement of land revenue .. | 2,62,365 | .. | 2,62,365 |
| Leave and pension allowances .. .. .. | 2,26,866 | .. | 2,26,866 |
| Audit and accounts .. .. .. .. .. | 233 | .. | 233 |
| Total .. | 4,89,464 | .. | 4,89,464 |
| REVENUE— | | | |
| Capitalization of abatement of land revenue .. | 363 | .. | 363 |
| Leave and pension allowances .. .. .. | 2,27,769 | .. | 2,27,769 |
| Audit and accounts .. .. .. .. .. | 28,939 | 1,896 | 30,835 |
| Total .. | 2,57,071 | 1,896 | 2,58,967 |
| Grand Total .. | 7,46,535 | 1,896 | 7,48,431 |



BUCKINGHAM CANAL—*Canal Project*—cont.

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

| Particulars. | Charges against closed sanctions. Expenditure against construction estimate. RS. | Expenditure against open canal sanctions. RS. | Total. RS. | Current sanctions. Charges to date. RS. | Amount of sanctioned estimate. RS. | Unspent balance of estimate. RS. | Total charges to date against old and current sanctions. RS. | Remarks. G.O. No. and date. | Amount of estimate. |
|---|---|---|---|---|---|---|---|---|---|
| *Direct Charges.* | | | | | | | | | |
| Works .. .. | 66,72,338 | 1,48,970 | 68,21,308 | .. | .. | .. | 68,21,308 | | |
| Establishment .. .. | 15,85,806 | 28,740 | 16,14,546 | .. | .. | .. | 16,14,546 | | |
| Tools and plant .. .. | 1,80,720 | 320 | 1,81,040 | .. | .. | .. | 1,81,040 | | |
| Suspense account .. .. | .. | .. | .. | .. | .. | .. | .. | | |
| Total .. | 84,38,864 | 1,78,030 | 86,16,894 | .. | .. | .. | 86,16,894 | | |
| *Less*—Receipts on capital account .. | 4,502 | 19,863 | 24,365 | .. | .. | .. | 24,365 | | |
| Net Total .. | 84,34,362 | 1,58,167 | 85,92,529 | .. | .. | .. | 85,92,529 | | |
| *Indirect Charges.* | | | | | | | | | |
| Capitalized abatement of land revenue .. | 2,62,365 | .. | 2,62,365 | .. | .. | .. | 2,62,365 | | |
| Leave and pension allowances .. .. | 2,23,608 | 3,258 | 2,26,866 | .. | .. | .. | 2,26,866 | | |
| Audit and accounts .. .. | .. | 233 | 233 | .. | .. | .. | 233 | | |
| Total .. | 4,85,973 | 3,491 | 4,89,464 | .. | .. | .. | 4,89,464 | | |
| Grand Total .. | 89,20,335 | 1,61,658 | 90,81,993 | .. | .. | .. | 90,81,993 | | |

MADRAS,
15*th October* 1935.

T. K. NANA RAO,
*Deputy Accountant-General.*

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