

Administration
Report for the year,
1918-1919.

Part. II: Irrigation works accounts
statistical statements

Government

1920

PUBLIC WORKS DEPARTMENT
(BOMBAY PRESIDENCY)

ADMINISTRATION REPORT FOR THE YEAR 1918-1919



PART II IRRIGATION WORKS

ACCOUNTS AND STATISTICAL STATEMENTS

(Part I—Civil and Military Works—is issued separately)

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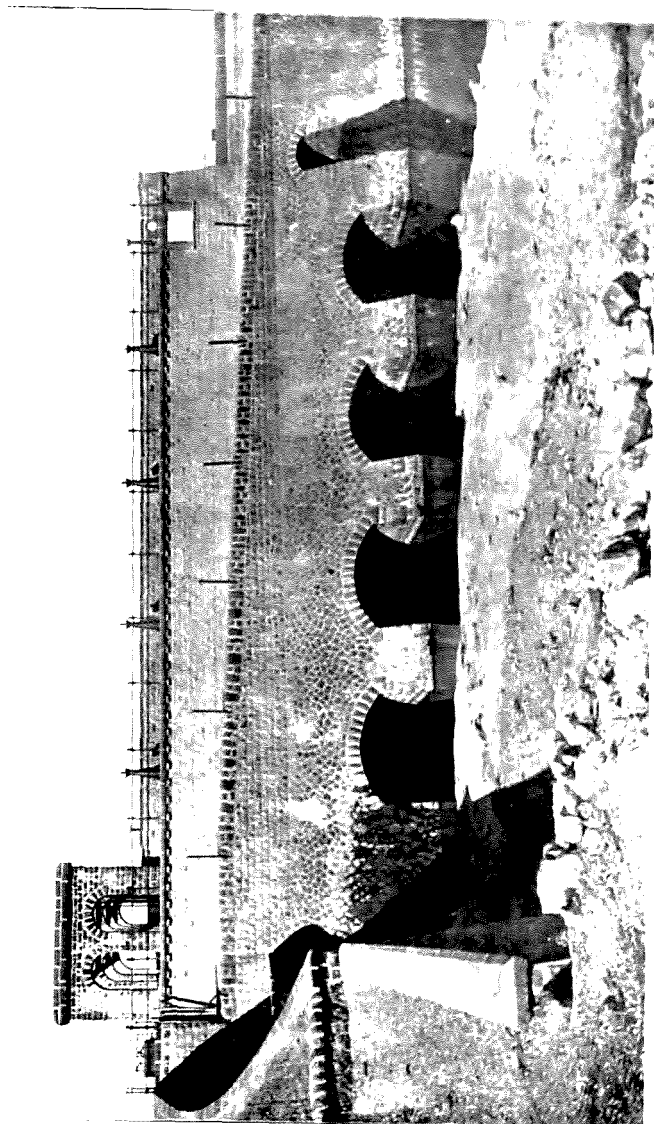
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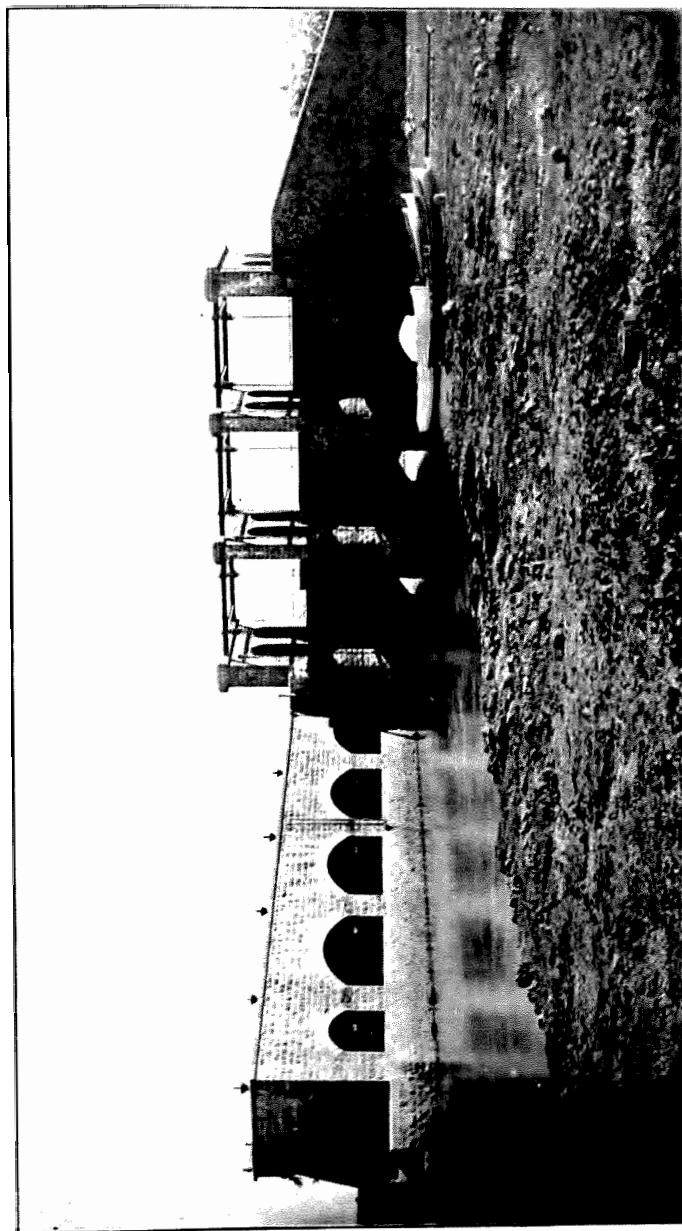
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GODAVARI CANALS HEADWORKS.

PICK-UP WEIR AT MADHESHWAR.

View of Scouring Sluices on Right Bank Looking from Downstream

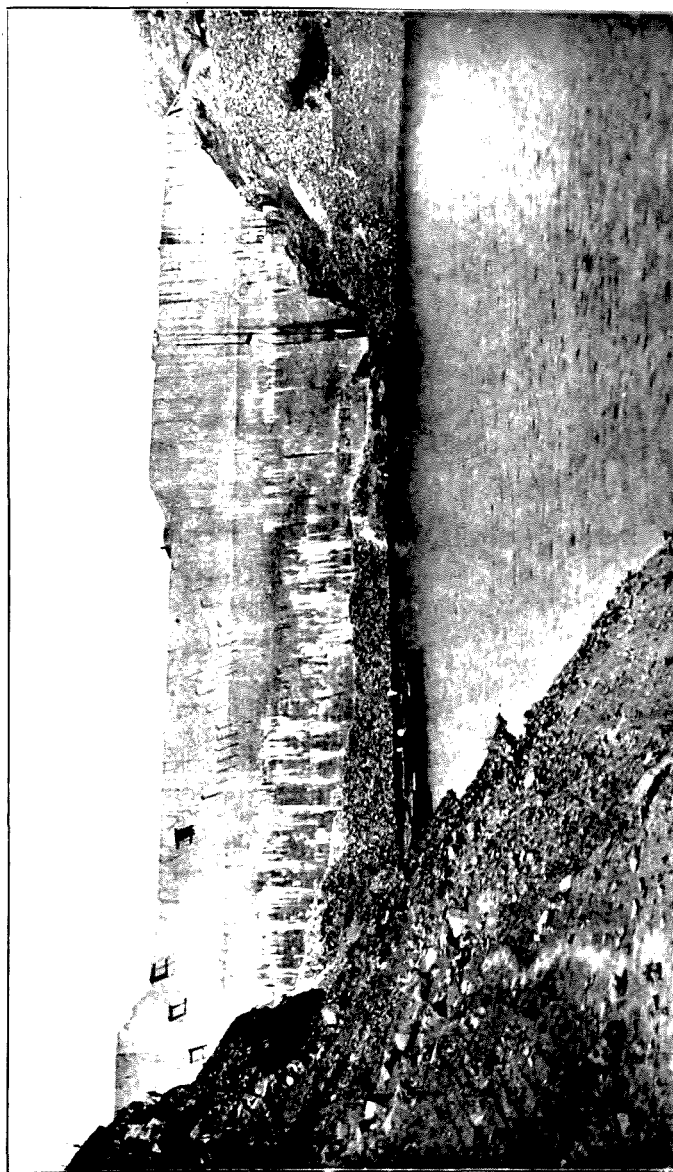


GODAVARI CANALS HEADWORKS.
RIGHT BANK CANAL HEAD REGULATOR AND SCOURING SLUICES
(View from Water side.)



AQUEDUCT No. 2 ON THE GODAVARI LEFT BANK CANAL

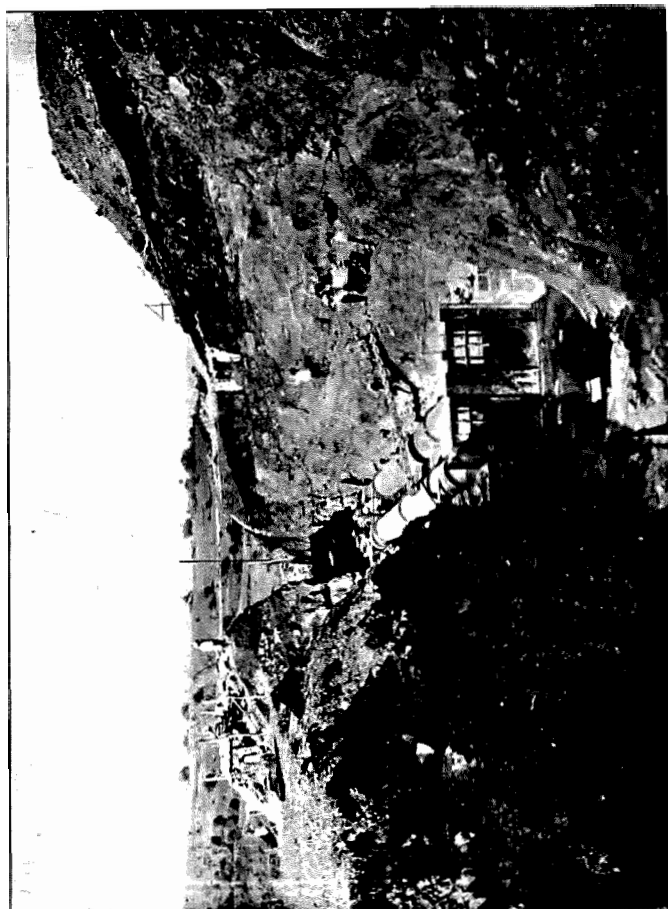
(View from Downstream.)



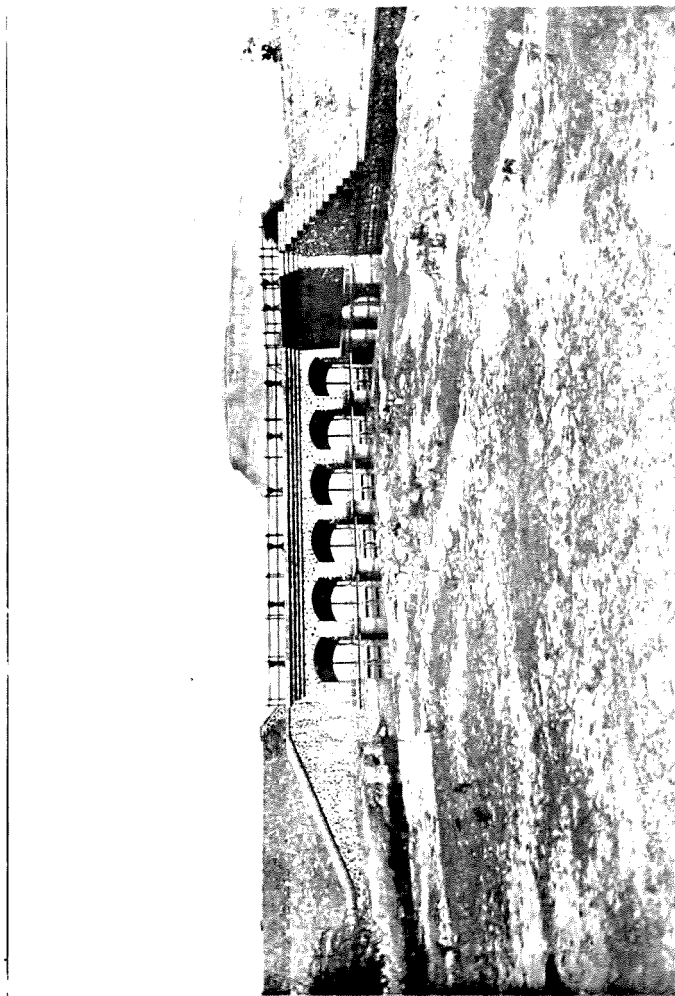
LAKE ARTHUR HILL DAM.
FULL VIEW OF THE DAM, 155 FEET HIGH.
(Upstream Face from North Bank.)



LAKE ARTHUR HILL DAM
FULL VIEW OF THE DAM, 155 FEET HIGH
(Upstream Face from South Bank)

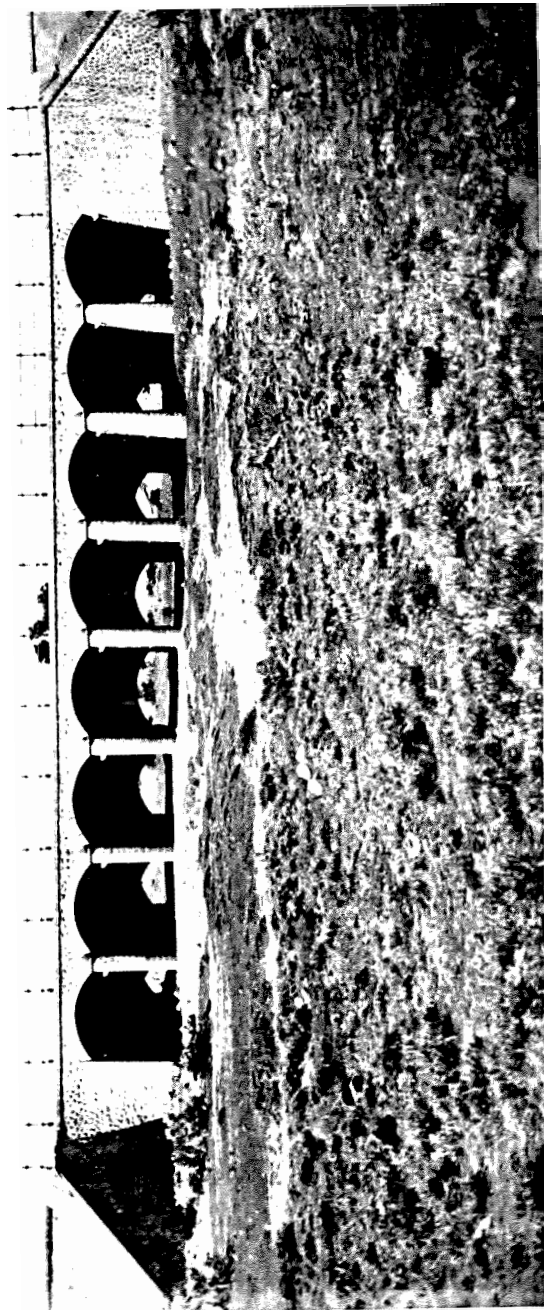


LAKE ARTHUR HILL DAM
LAYING ARRANGEMENT OF THE THIRD SET OF STEEL OUTLET PIPES AT 150 FEET
(Upstream View.)



PRAVARA CANALS HEADWORKS

LEFT BANK CANAL HEAD REGULATOR AND SCOURING SLUICES
(Front View of Head Regulator and Side View of Scouring Sluices.)



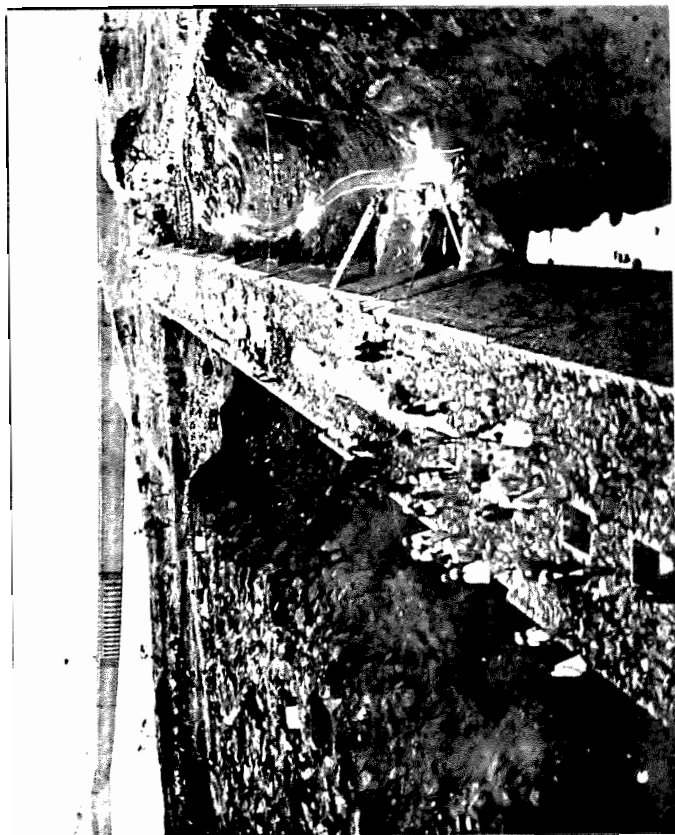
AQUEDUCT No. 10 ON THE PRAVARA LEFT BANK CANAL.

(View from Downstream.)

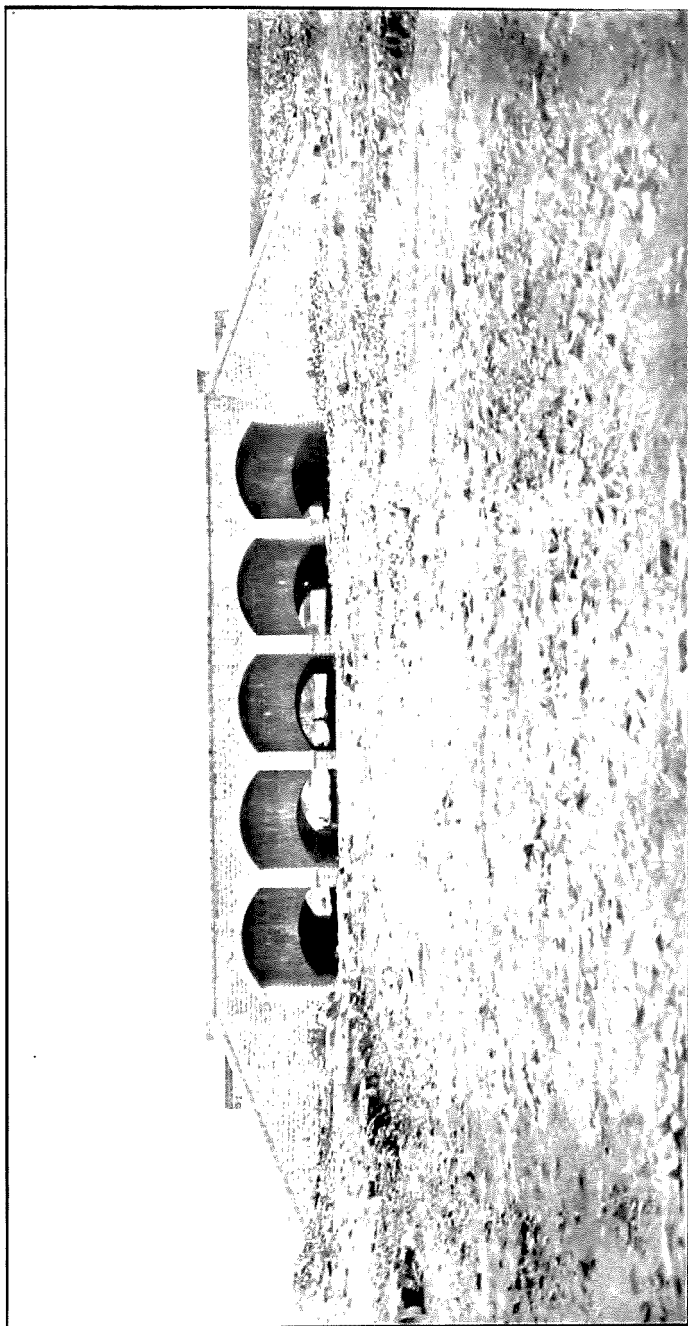


NEW DAM AT BHATGHAR.

General View of the Dam from North end.



NEW DAM AT BHATGHAR
SOUTH WASTE WEIR UNDER CONSTRUCTION
(View from South end.)



AQUEDUCT NO. 8 ON NIRA RIGHT BANK CANAL

5 Spans of 15 Feet each.



CULVERT No. 20 ON THE NIRA RIGHT BANK CANAL.

3 Spans of 15 Feet each.

ADMINISTRATION REPORT

OF

IRRIGATION WORKS IN THE BOMBAY PRESIDENCY FOR 1918-19.

I.—GENERAL.

A.—DETAILS OF DIRECT EXPENDITURE.

In the year 1918-19 the direct expenditure (excluding collection charges) on all the Irrigation Works throughout the Presidency amounted to Rs. 76 lakhs compared with Rs. 74 lakhs in the previous year, and Rs. 76½ lakhs, the average of the last three years. The total is classified and divided between the Presidency proper and Sind as follows :—

	Dccan and Gujarat.	Sind.	Total.
	Rs.	Rs.	Rs.
Works	19,16,164	7,87,215	26,63,379
Repairs	5,49,178	24,91,559	30,10,737
Establishment	8,01,070	10,80,814	18,81,884
Tools and Plant	48,133	—36,313	11,820
Refunds of Revenue	581	1,015	1,596
Gratuitous Relief	1,633	.....	1,633
Suspense Account	38,098	—2,240	35,858
Receipts on Capital Accounts	—4,235	.....	—4,235
Total	33,20,622	42,82,050	76,02,672

2 The distribution of the above expenditure under Major heads of Accounts is given below :—

Heads.	Amount.	Remarks.
	Rs.	R₹
<i>Capital Accounts</i>		
Major Works—		
Protective Works	... (a) 26,49,787	
Productive Works	... —2,46,383	
		24,03,404 Imperial.
Minor Works—		
Works for which Capital and Revenue Accounts are kept	... ..	1,26,144 Half Imperial and
in Sind and Gujarat		half Provincial
Works for which only Revenue Accounts are kept	... ..
Works for which neither Capital nor Revenue Accounts are kept—		
Agricultural Works	... 14,10,006	
Contribution Works	... 19,776	
		14,29,872 Do.
Construction of Protective Works	... ..	26,183 Imperial.
Famine Relief outlay on Irrigation Works	... ..	1,35,387 Three-fourths Imperial and one-fourth, Provincial.
Grand Total	...	76,02,672

(a) Includes expenditure in England, Rs. 14,095.

B.—FIGURES FOR CAPITAL WORKS ONLY.

3. The receipts on Capital Irrigation Works alone compared with the year's expenditure show a profit of Rs. 14,74,136 in Sind and a loss of Rs. 16,75,094 in the Deccan and Gujarāt :—

Class of works.		Direct Receipts.	Indirect Receipts.	Total Direct and Indirect Receipts.	DIRECT EXPENDITURE.		
					Capital.	Working expenses (including the share of collection charges).	Total.
		Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Major Irrigation works	Deccan and Gujarāt	11,00,001	3,758	11,03,759	21,35,371	6,81,195	28,16,566
	Sind	1,51,887	20,92,650	22,44,537	2,68,067	13,67,317	16,35,384
Minor Irrigation works for which Capital and Revenue Accounts are kept.	Deccan and Gujarāt	1,62,931	6,284	1,69,215	8,783	1,22,719	1,31,502
	Sind	76,325	14,61,842	15,38,167	1,17,327	5,55,857	6,73,184
Total Deccan and Gujarāt		12,62,932	10,042	12,72,974	21,44,154	8,03,914	29,48,068
Total Sind		2,28,212	35,54,492	37,82,704	3,85,394	19,23,174	23,08,568
Grand Total, Deccan and Gujarāt and Sind, 1918-19		14,91,144	35,64,534	50,55,678	25,29,548	27,27,088	52,56,636
Grand Total, average of last three years		18,77,353	49,53,885	68,31,238	32,00,587	25,39,971	57,40,558

4. The area under irrigation showed, on the whole, a decrease of 20 per cent. on the average of the last triennium. These areas and estimated values of crops grown are contrasted in the following statement :—

Capital Works.	Area.			Value.		
	1918-19.	Average of 3 years ending 1917-18.	Difference.	1918-19.	Average of 3 years ending 1917-18.	Difference.
	Acres.	Acres.	Acres.	Rs.	Rs.	Rs.
Major Works— Deccan and Gujarāt	163,209	104,148	59,061	2,82,17,616	1,47,08,735	1,35,14,881
	Sind	1,001,866	1,404,502	4,79,40,222	3,44,48,282	1,34,91,935
Total	1,165,075	1,508,650	-343,575	7,61,57,838	4,91,51,017	2,70,06,821
Minor Works— Deccan and Gujarāt	30,766	35,310	15,456	36,89,205	16,00,800	20,88,405
	Sind	832,561	1,023,524	1,88,55,176	2,37,39,945	44,14,769
Total	863,327	1,058,834	-175,507	2,25,45,381	2,53,40,745	-27,95,364
Grand Total	2,048,402	2,567,484	-519,082	9,87,03,219	7,44,91,831	2,42,11,388

C.—FIGURES FOR OTHER THAN CAPITAL WORKS.

5. These may be works for which only Revenue Accounts are kept, or works for which neither Capital nor Revenue Accounts are kept. The former are termed Second Class Irrigation Works in the Presidency (excluding Sind). The receipts on these works are principally in the form of a share of the Land Revenue and are termed "Indirect" and as such are book credits, so that figures of revenue appearing in the Finance Accounts, as distinguished from the Statistical Statements accompanying the Irrigation Administration Report, are very small, being for direct revenue only, *viz.*, proceeds from sale of water, etc. The area of irrigation on these very numerous works is always large, but it fluctuates to

some extent with the seasons. The following statements give a comparison of this year's and the average of the last three years' figures:—

Class of works.	Revenue.			Expenditure.	Net Revenue.
	Direct.	Indirect.	Total.		
MINOR WORKS.	Rs.	Rs.	Rs.	Rs.	Rs.
Works for which only Revenue are kept. { Deccan and Gujarát.	24,346	3,88,400	4,12,746	2,25,486	1,87,260
Accounts { Sind	58,229	16,93,883	17,52,112	9,05,614	8,46,498
Total for 1918-19 ...	82,575	20,82,283	21,64,858	11,31,100	10,33,758
Average total for triennium ending 1917-18 ...	79,497	31,29,167	32,08,664	12,69,666	19,38,998
Works for which neither Capital nor Revenue are kept. { Deccan and Gujarát.	19,875	.....	19,875	64,170	- 44,295
Accounts { Sind	14,374	9,21,009	9,35,383	14,32,044	- 4,96,661
Total for 1918-19 ...	34,249	9,21,009	9,55,258	14,96,214	- 5,40,956
Average total for triennium ending 1917-18 ...	28,258	9,54,777	9,83,035	11,74,316	- 1,91,281
Grand Total for 1918-19 ...	1,16,824	30,03,292	31,20,116	26,27,314	4,92,802

NOTE.—In this report whenever the average is referred to, it is the average of the last three years unless otherwise defined.

Class of works.	Area.			Value of crops.		
	1918-19.	Average of the triennium ending 1917-18.	Difference.	1918-19.	Average of the triennium ending 1917-18.	Difference.
Minor Works— Works for which only Revenue Accounts are kept—	Acres.	Acres.	Acres.	Rs.	Rs.	Rs.
Deccan and Gujarāt ...	116,896	134,503	- 17,607	40,67,712	39,38,723	1,28,989
Sind	773,377	1,104,480	- 331,103	1,72,64,814	2,67,31,130	- 94,66,316
Total ...	890,273	1,238,983	- 348,710	2,13,32,526	3,06,69,853	- 93,37,327
Works for which neither Capital nor Revenue Ac- counts are kept—						
Deccan and Gujarāt ...	12,331	10,107	2,224	7,57,036	4,77,333	2,79,703
Sind	19,235	35,855	- 16,620	5,86,154	9,3 845	- 3,44,691
Total ...	31,566	45,962	- 14,396	13,43,190	14,08,178	- 64,988
Grand Total ...	921,839	1,284,945	- 363,106	2,26,75,716	3,20,78,031	- 94,02,315

D.—REVIEW OF IRRIGATION.

6. The different conditions obtaining in Sind and in the Presidency proper are brought out strikingly in a general review of irrigation. Irrigation by means of wells is of a uniform type in the whole of the Presidency, but canal irrigation in Sind differs entirely from the canal and tank irrigation in the Deccan and Gujarât.

7. Owing to the scanty and precarious character of the rainfall in Sind, irrigation is almost the only means by which the land can be cultivated. Although Sind for the most part is a flat country and has mostly a very fertile soil, the land presents everywhere the appearance of a desert until it is brought under irrigation.

8. The river Indus being the main source of water supply of the canals in Sind, all the canals, with a few exceptions, receive water from June to September. during the inundation of the river and their flow is very variable. They can have but a scanty supply of water with a low river, while a fairly high and long-lasting inundation permits of the wide-spread cultivation of valuable crops.

9. In the Deccan and Gujarát cultivation chiefly depends upon rainfall and the tanks and canals are mainly useful for the purpose of growing the more valuable crops or to counteract, when required, the evil effect of years of drought. The larger irrigation schemes in this part of the Presidency involve the construction of costly storage reservoirs.

Inundation and
rainfall in Sind.

10. The inundation of 1918 was one of the lowest on record, the prominent feature of the year being the unusually high river at the commencement of the season giving promise of a very favourable inundation which, however, failed to be realized. The rainfall for the year was negligible and its absence at a time when it was most urgently required contributed to the generally inferior crop results of the year. Taking Sind as a whole, the crops which suffered most were cereals, but the cotton crop in the two Jamráo Districts was nearly a record in area and a bumper one in yield.

Rainfall in the
Deccan and Gujarát.

11. In the Deccan and Gujarát the rainfall of the year was from the very beginning not only deficient but was also very badly distributed and consequently there was a widespread failure of the whole cultivation except the crops that were irrigated.

Area irrigated
and gross revenue.

12. The area irrigated in Sind during the year under review was over 2½ million acres or about 1/5th of the total culturable area of the province and the gross revenue amounted to about 64½ lakhs of rupees, the average figures for the previous triennium being a little over 3½ million acres and 88 lakhs of rupees, respectively.

13. The total area irrigated in the Deccan and Gujarát was about 3½ lakhs of acres only out of nearly 29 million acres of culturable area. The revenue from all sources was a little more than 17 lakhs of rupees as against 22 lakhs, the average of the previous triennium.

II.—SIND.

1.—NATURE OF INUNDATION AND RAINFALL.

Character of
inundation.

14. The inundation of 1918 was one of the lowest on record. The prominent feature of the year was the unusually high river at the commencement of the season giving promise of a very favourable inundation, which, however, failed to be realized.

15. The river commenced to rise in June and reached a height of 11·8 feet, the maximum level of the year, on the 19th June. From 20th June to 30th August there were extraordinary fluctuations, the river falling to 7·2 on the 28th July, then again rising to 11·1 on the 30th August, after which it fell steadily without recovering. The "fair irrigating level" of 13 feet at Bukkur was never reached this year, whereas this level was attained for 30 days in 1917, for 9 days in 1916 and for 13 days the average of the previous triennium. The "fair irrigating level" of 17 feet on the Kotri gauge was first recorded on the 2nd June, and the maximum level for the year of 19·5 feet on the 23rd June. The level of 17 feet and over was maintained up to 1st July and again from 20th to 26th July and 7th and 8th September or a total of 39 days against 73 in 1917, 86 in 1916 and 75 days, the average of the previous three years.

16. The highest readings for the year were 11·8 feet on the Bukkur gauge on the 19th June and 19·5 feet on the Kotri gauge on the 23rd June as compared with 15·8 feet and 23·0 feet, respectively, in 1917, and the recorded maxima readings on these two gauges of 17·9 feet and 23·8 feet, respectively.

Rainfall.

17. The rainfall for the year was negligible and its absence at a time when it was most urgently required contributed to the generally inferior crop results of the year. Rotations where regulators permitted did much to improve conditions and to emphasize the need for the construction of these most valuable aids to the control and distribution of the water supply. Taking Sind as a whole the crops which suffered most were cereals, these both in area and yield being much below the normal; but cotton did generally very well, the area if below the average being more than compensated for by the extraordinary good yield and the high market prices obtained. Conspicuous examples of this are the two Jamráo Districts where the crop was nearly a record in area and a bumper one in yield.

18. Mention cannot be omitted of the appalling visitation of Influenza which swept through Sind in the autumn and closing months of the year. The mortality was so great as to bring to a standstill all late harvesting operations and considerably retarded rabi preparations. The financial loss to the zamindars from this cause must have been very great.

2.—INDUS RIGHT BANK DIVISION.

(f) WORKS FOR WHICH CAPITAL AND REVENUE ACCOUNTS ARE KEPT.

Desert Canal.

19. The canal was opened on 1st June as usual and ceased to flow on 13th October 1918, while in 1917 it ceased to flow on 25th November.

20. The supply of the canal from the feeder dhand was adversely affected during the season on account of excessive escape of water to the river through a bye-channel above the point of take-off. Several attempts were made to close this bye-channel, but owing to the high velocity and the sandy nature of the bed the work could not be carried out. Ultimately when the river fell, the attempt proved successful. The first bund has since been consolidated and two others built in addition so as to guard against any failure. The closing of this channel has been of inestimable benefit to the Desert Canal and has saved the

situation in regard to the growing of fodder crops. The canal was again opened on 11th February 1919, and has been flowing uninterruptedly ever since. This has been of great assistance to the zamindars as the early fall in the river in October practically cut off the rabi supply on which this canal depends to a great extent, particularly in the tracts of lands at the tail where the soil is hard and kalarish.

21. The full supply gauge reading of 10 feet was never obtained. The highest reading recorded was 7.9 on 28th August 1918. Full supply of 2,750 cusecs was obtained on 12 days.

22. Adiwah.—Owing to the low river and the fact that the bed of the canal is at a high level, it worked very badly and relief had to be given to zamindars as far as possible by allowing them to take water temporarily from the Desert Canal. The work for remodeling this canal has been completed.

23. The canal was opened on 11th June 1918 and it flowed for 89 days.

24. The canal was opened on 1st June and ceased to flow on 26th September. It Unharwah. worked satisfactorily up to 24th June, but there was not much demand for water. Early in July owing to the fall of the river, rotations were started and were continued from time to time till end of September when the canal stopped flowing. Full supply gauge reading of 10 feet was never attained owing to low inundation and the designed discharge of 1,675 cusecs was obtained on 14 days.

25. The canal was opened on 1st June as usual and finally ceased to flow on 21st October 1918. There being no demand, the water was regulated at all the four regulators from the start. Begari Canal.

26. Subsequently, as the demand increased, all the regulators were cleared of needles by 24th June. The supply in the canal due to the fall in the river, being unequal to the demand, rotations were enforced from 29th June. The river being low during July and the first fortnight of August rotations were continued generally. Then from the middle of August to about 10th of September, the canal was flowing free due to a comparatively good supply. After the latter date an attempt was made to restart the rotations but the water in the river and the canal fell rapidly and it was not possible to maintain the required water level at the different regulators to give full supply to the branch canals.

27. A scourhole 50 x 40 x 6 feet developed in the down stream pavement of the 38th mile regulator and was first observed on 27th July, when the necessary steps were taken to deal with it. The rotations had to be altered so as to carry out the repairs. On the whole, the upper portion of the Begari did well, but there was some deficiency at the tail, particularly in the Eden and Sirwahs.

28. The Choi Branch worked fairly well. Though there was much deficiency of water during the season, especially during July and August, the kharif crop was as good as usual. Rice cultivation has increased a good deal. It probably amounts to nearly 50 per cent. more than the previous year. The reason for this is attributed to the fact that the zamindars planted more rice owing to the jowari crop in 1917 having been damaged by heavy rains. When they found that the supply was deficient by the middle of July, they took to jowari and bajri which were saved by timely rotations.

29. The work of additions and alterations to the head sluices over distributaries ex: Choi carried out during the last working season had some effect in reducing silting in the distributaries.

30. The Mahiwah was opened on the 7th June 1918. The river cut into the Guddu Mahiwah. Dhand at its 16th mile (from the mouth of the Mahiwah) and delivered a fairly good supply of water. With the exception of Masu and Maharowah, which received a poor supply, all the canals under the Mahiwah system did fairly well, considering the low level of the river, and the crops were fairly good throughout. Certain improvements were carried out last year to the Deharwah with the result that the canal worked most successfully. The area under kharif cultivation has increased all along its length. Even the crops at its tail were reported to be exceptionally good and fields not brought under the plough for years have been cultivated this year.

31. The Seharwah was opened on the 6th June 1918 and worked fairly well and the water supply was nearly sufficient for the area under cultivation.

32. The Sukkur canal was opened on 13th June and ceased flowing on 14th September 1918. Sukkur Canal. Owing to the low river the supply was deficient throughout the season all along the canal and branches. The dhoro which feeds the canal worked satisfactorily. The groynes constructed in the past two years kept it clear of silt. The old head of the canal used for rabi supply had to be opened on 14th September to enable the kharif crops to mature.

33. Clearance was done at the tails of Kurs Khairo and Biro, the upper portion of Kur Maksudo and the whole of the Napat Sukkur Canal. The pavement of the head regulator of the Napat Sukkur was lowered by one foot and clearance done to that level. This was of immense benefit to that canal.

34. The work of strengthening the Ghanghra cross regulator in the 40th mile of the canal and the head-regulators of the two branches Kur Khairo and Kur Biro, which take off just above the cross regulator, was undertaken during the year. This has been done to enable more water to be headed up at the Ghanghra regulator for the benefit of the above

two branches, at the tail of which there is always deficiency. The pavement of the Ghaghra regulator has also been raised by $1\frac{1}{2}$ feet. This, together with the reduction of such of the sluices as carry away excessive water, will materially help the tail of Sukkur Canal, and the tails of Kur Biro and Kur Kbairo.

Ghar Canal.

35. The Ghar Canal was opened on 25th May as usual. The date fixed by the Commissioner for opening is 15th May, but cultivators are never ready to take water so early. Even on 25th May, there was no consumption of water with the result that too much water accumulated at the tail south of Nasirabad. This excess of water only ceased when zamindars began opening their karias in the beginning of June. The canal had a fair supply throughout the season and considering the very low river during the year, the Ghar may be said to have worked very satisfactorily. It takes its supply from the Ghar Dhand ex: the river. In July a low island was formed by the river in front of the dhand mouth, which prejudicially affected the supply in the canal, but by the end of August, the island moved lower down and the mouth was clear. The dam that was constructed in 1916-1917 across the dhand below the take-off of the Ghar stood well during the whole inundation and very materially helped the supply in the canal. The canal ceased to flow on the 18th October 1918.

36. The Fordwah supplements the water supply to the Ghar about the middle of its length. It worked satisfactorily throughout the season.

37. The Naurangwah is one of the two main branches at the tail of the Ghar. It used to silt considerably at the head, and heavy silt clearance was annually carried out. Last year no clearance was done, but the first two miles were groyned on both sides to reduce the width. This has had the effect of scouring the silt from the middle while the sides are silting up. It is hoped that no further clearance will be necessary in future. The Naurang bifurcates into the Gath and Chilo and these will have to be widened sufficiently to take off the surplus water from Naurang and thus improve the deficiency at the tails. At present the water heads up in the Naurang endangering its banks, and sufficient water even when available cannot be admitted for fear of breaches in this canal though there is a demand for water lower down.

38. The Nurwah, the other main branch at the tail of the Ghar, has been scouring its bed and sides for some years past and is now taking much more than its fair share. During the last two years the bed and sides have been protected by bed groynes of date logs to prevent further scour.

39. The Nasrat Canal, which was formerly a branch of the Ghar, now takes off from the Ghar Dhand. Owing to the low river the supply in the canal was deficient, but its working was satisfactory. The pavement of the head regulator was again damaged during the year (when water was cut off at the beginning of the season) by water finding its way under the pavement from below the foundations of the left wing wall. Fortunately it was not necessary to cut off water during the rest of the season. The damage is being repaired by demolishing the wing wall and its foundations and reconstructing it after filling the hollow with hydraulic lime concrete. (This has since been completed and the regulator now works well.) A very bad bend in the 2nd mile just below the railway bridge has been removed and the canal flows better now.

Utah Canal.

40. The supply in the Suttah Canal was not so unsatisfactory this year as was expected on account of the low inundation. The canal first flowed on the 25th of May with 5 feet of water at the head regulator when Kotri read 15.8. Full supply level of the canal is 10 feet; the average readings of the downstream regulator for the abkalani months show very fair results.

41. The downstream pavement and pitching of many karia heads was extended since, with the excessive velocity through the gates, the original length was far too small.

(ii) WORKS FOR WHICH ONLY REVENUE ACCOUNTS ARE KEPT.

42. The principal canals under this head are the Sind, Western Nara, Pinyari, Kalri and Baghar canals.

Sind Canal.

43. The Sind canal was opened on the 2nd June 1918. Owing to the low level of the river it did not flow with its full supply during the whole of the abkalani. Colonel Fife's Channel, however, worked satisfactorily considering the low inundation. The old Sind canal head silted up badly owing to erosion at its head and failed to supply sufficient water, and so a cut 10 feet wide was excavated to supplement the supply at the end of July which greatly helped in flooding some area for rabi crops. The condition of crops was not good. Rice has done badly. The dry crop grown by lift is fairly good. Rabi was poor.

Western Nara.

44. This canal was opened on the 1st June 1918 with the gauge at Bukkur recording 10.7. The regulator at head was gradually opened to allow the new earthwork at last year's breaches to get slowly and well soaked. Full supply level was never obtained during the year. Taking all things into consideration the canal worked as well as could be expected under the most adverse circumstances. The canal stopped flowing on the 8th October 1918.

45. The New Feeder takes off from Kumbhrani Dhand ex: River Indus and joins the Western Nara at mile 33. Its main object is to supplement the supply in the main Nara, though it only does so to a very small extent. The canal was opened on the 24th June

1918 with the upstream and downstream gauges reading 10·7 and 9·3, respectively. The canal was not fully opened until the 1st August to allow the new earthwork at the large breaches of the last year to get well soaked. The canal ceased to flow on the 18th September 1918, when the gauge at Bukkur recorded 7·1.

46. The head regulator of the Pritchard canal, which is the second feeder of the Western Nara, was opened on 1st June and remained fully opened during the season except from 8th to 25th June, when so much water was not yet wanted. It attained a maximum gauge reading of 9·5, 8·2 on the 1st regulator and 8·0 on the 2nd regulator on the 25th June. But the maximum reading during the months of July and August was only 7·5 feet on the 1st regulator and 7·2 feet on the 2nd regulator against 10 feet full supply level. The stop gate regulator at mile 20½ was also partially closed once a week in August for the benefit of the Kudan tail. The canal finally ceased flowing on the 26th October.

47. Again during the year under report rotations at the intermediate regulators on the Pinyari proved most beneficial and in spite of the low inundation the results are not so bad as they might have been. Rotation by karias was also resorted to, and the reduction of karia openings completed during the previous season proved beneficial. Full supply level was reached at the head regulator on the 17th May, but the canal had to be closed as there was little demand for water. The upstream gauge of the head regulator gave readings higher than the F. S. L. up to the 29th of June and had zamindars arranged for early sowing of seedlings either in the very low lands or by lift irrigation, transplantation in practically all the low lands could have been completed before the river level fell. Pinyari Canal.

48. This canal was opened on 17th May 1918. The tail branches and karias at the tail of Kalri during the average inundation year generally get an insufficient supply, but this year when the river was very low for the greater part of the year, the tail branches did not do so badly. This was due to the failure of karias in the upper reaches. As the lands in the upper reaches could not be watered the karias commanding them silted, with the result that a greater volume of water than usual went down to the tail, where the crops were not quite a failure. Kalri Canal.

49. Like the Pinyari on the left bank of the river the Baghar on the right bank first flowed late in March. During past high inundation years, when the Baghar has had an abundant supply of water at high level, a considerable extent of lift areas has been converted into flow cultivation so that during a low inundation zamindars are not prepared to return to expensive lift arrangements and in consequence the outturn of crops in such a season is very much less than it should be. Again, during a high inundation year there is always the danger of breaches in the banks which makes it very difficult for the zamindars to adopt expensive methods of irrigation when there is no certainty of even a fair result. Baghar Canal.

50. The following are principal original works under this head which were either commenced during the previous year or during the year under report but were yet in progress. Unfinished works.

			Expenditure during 1918-1919 Rs.
1.	Constructing head regulator over Chario Wahur	...	6,297
2.	Reconstructing out-houses for the Public Works Inspection Bungalow, Class II, at Khaderi	...	2,601
3.	Additions and alterations to Public Works Inspection Bungalow at Miani	...	1,100
4.	Constructing a rotation regulator at mile ¾ of Raiswah ex: Sind Canal	...	999
5.	Constructing a rotation regulator at mile ½ of Arorewah	...	1,499
6.	Public Works Inspection Bungalow at Shahpur on Sind Canal with out houses	...	1,989
7.	Constructing 2nd Class Inspection Bungalow at Jati	...	3,739

3.—INDUS LEFT BANK DIVISION.

(i) WORKS FOR WHICH CAPITAL AND REVENUE ACCOUNTS ARE KEPT.

51. The canals in the Left Bank Division fall under two groups, viz., (a) the Eastern Nara System and (b) canals taking off direct from the Indus.

52. Under (a) are the Nara river, the Jamrao, Mithrao, Khipro, Thar and Hiral canals, of which the Khipro canal flows during the inundation only, the others being perennial. The Thar, though classed as perennial, is closed on or about the 1st December each year to save the country round about from being water-logged.

53. Under (b) are the Dad, Nasrat, Fuleli, Hassanali and a large number of smaller canals, all being classed as inundation canals though the Fuleli receives a fair rabi supply

(a) *Canals taking off from the Eastern Nara.***Nara Supply Channel.**

54. The Nara Supply Channel is an artificial channel, 12 miles in length, taking off the river on its left bank above Rohri and forming the mouth of the Nara, an ancient course of the Indus. The supply channel worked satisfactorily during the year and the necessity for the services of a dredger was not felt. The minimum discharge recorded during the year was 805 cusecs with a downstream reading of 7.7 feet at the head regulator. The head regulator was kept open throughout the inundation season to prevent silting at the head. Owing to the low inundation the 'sangs' along the length of the Nara were not replenished and the supply during the cold weather was consequently below the normal.

55. Necessary repairs to the channel and its sides consisting of stone pitching and groyning were carried out during the year. Stone groynes were constructed in miles 8 and 9 where erosion had occurred to the sides in order to reduce the channel to its proper width and to prevent silt depositing in the centre of the channel.

56. An expenditure of Rs 40,142 was incurred on the payment of land compensation for the Flood Diversion Bund. The total expenditure on this project amounted to Rs. 4,23,332.

The Nara.

57. The Nara from the end of the Nara Supply Channel to the Jamrao is about 96 miles and from the Jamrao to the Thar Weir about 100 miles in length. It commands over 5,00,000 acres of cultivable land. The area cultivated during the year on the Nara in the Eastern Nara District was about 34,609 acres as against 35,046 acres in 1917-18 and 38,581 acres, the average of the previous three years.

58. The Nara bed is in very fair condition. Owing to the extraordinary low level of the river there was no surplus water to pass through the Moorad and Bagdad (sluices) for storage in the Makhi dhand, the reservoir for supplementing the rabi supply to the Mithrao. As stated in the last year's report, the head of the right bank distributary of the Makhi Distributaries project has been taken off from the Mithrao above the Bakhora regulator and the Makhi dhand has been retained as a reservoir for augmenting the rabi supply to the Mithrao.

Jamrao Canal.

59. The capital expenditure on the Jamrao canal during the year was Rs. 13,160 and was incurred on (1) extension of Bhitro minor, (2) constructing distributary ex: 12th mile Digri minor and (3) distributary ex: 113th mile Jamrao canal. The recoveries of the year from colonists amounted to Rs. 1,981.

60. Current repairs to the head works were carried out as usual and they were maintained in good order throughout the year and were not subjected to any undue strain as the maximum and average discharge passing down the Nara were both low.

61. The area cultivated during the year was 2,30,667 acres as compared with 2,38,406 acres of the last year and 2,51,989 acres, the average of the previous three years. The area under cotton was about 1,18,841 acres as compared with 96,661 acres in the last year and 83,920 acres, the average of the previous three years. The crop was nearly a record one and a bumper one in yield and with the high market price the zamindars have made large profits. There was, however, an appreciable decline in the area under rabi and this was due partly to the appalling visitation of Influenza which retarded cultivation operations and partly to the moderate supply available and the high price of cotton which tempted the zamindars to water cotton to a late date at the expense of wheat.

62. An allotment of new land to the extent of 2,874 acres was made during the year on this canal.

Mithrao Canal.

63. The supply in the Mithrao canal was fairly good at the commencement of the season, but after the middle of July continued to decrease and called for rotation at regulators along its length to save the situation. The absence of rain and the sudden fall of the river affected the rice crop. Some deficiency was felt in the 30th mile Left Bank distributary at the tail. The Left Bank branch and the 30th mile Right Bank distributary, including Samaro branch, did not work satisfactorily owing to silting on account of constant fluctuations in the water level. The construction of the 30th and 45th mile distributaries and the reduction in sizes of karias between miles 16 and 30 of the main canal have improved water supply conditions in the lower reaches of the Mithrao to some extent and the completion of the Makhi distributaries now under construction will do a good deal more. The Makhi distributary left with the Chotiari minor have been completed and opened in 1919, while the Makhi distributary right will come into operation in 1920.

64. The capital expenditure of the year amounted to Rs. 55,503 and was incurred in constructing the Makhi distributaries right and left.

65. The area cultivated during the year under report was 108,751 acres as compared with 116,455 acres in the last year and 124,403 acres, the average of the previous three years.

66. The Hiral Canal was opened on 8th April and worked satisfactorily on the whole. *Hiral Canal.* The canal was designed for the cultivation of dry crops only and rice is entirely prohibited. But owing to the declining prosperity of the tract in the past this restriction was relaxed and the zamindars have been allowed to grow rice for another three years in low-lying and water-logged lands and also in high lift irrigated katar lands in which dry crops cannot at present be successfully grown. The project for the improvement of the Hiral tract was sanctioned during the year and the work was in progress.

67. The Hiral tract commands 49,000 acres of cultivable land. The cultivation during the year was 12,395 acres as compared with 10,118 acres in the last year and 15,005 acres, the average of the previous three years.

68. The capital expenditure during the year amounted to Rs. 40,627 and was incurred on constructing the Head distributary ex: Hiral Canal.

69. An allotment of new land to the extent of 251 acres was made to the local zamindars on the canal during the year, while 135 acres of fallow forfeited area were restored to the zamindars.

70. The Thar Canal and its branches worked satisfactorily. As the river was low *Thar Canal,* throughout the season, the canal did not get its full supply of 8.7 feet and rotations had to be resorted to at the intermediate regulators for the proper distribution of water.

71. The cultivation on this canal during the year was about 53,811 acres against 52,640 acres in the last year and 57,942 acres, the average of the three previous years.

72. The project for two distributaries ex: the 3rd mile (right) and 7th mile (left bank) designed to economise the present extravagant supply of water now obtained direct from the main canal through low-lying karias between miles 3 to 8 on the right and 7 to 13 on the left bank was sanctioned during the year under report and good progress was made with its construction. The capital outlay on the distributaries during the year amounted to Rs. 22,220. They should do much to remove the complaint of deficiency in the lower reaches of the Thar Canal which has been a grievance crying for redress for years past.

73. The Khipro Canal commenced flowing on the 19th May 1918 and ceased to flow *Khipro Canal.* on 20th September. Owing to the very low inundation, the supply was below normal throughout the season.

74. The cultivation on this canal during the year was about 2,553 acres against 2,842 acres in the last year and 3,797 acres, the average of the previous three years.

(b) Canals taking off direct from the Indus.

75. On the whole the Nasrat Canal obtained a fair supply throughout the season. *Nasrat Canal.* The supply was very good till about the end of June but thereafter the abnormally low river necessitated the adoption of rotations for the distribution of available supply.

76. The groyne, which were constructed last year in the Lundi Dhand and proved so beneficial, were extended and raised during the year, canalizing the irregular section of the Lundi Dhand and reducing its width to 90 feet up to, and 75 feet below, the Mehrabwah head. These groyne have reduced silting in the Dhand to a minimum and it is expected will maintain this satisfactory condition unless the head of the Dhand is crossed at any time by floods from the direction of Khairpur State.

77. The reduction of sluices above mile 36 and between miles 51 and 72 gave an improved supply to the tail. The cultivation during the year on this canal was about 68,283 acres against 77,878 in the last year and 87,340 acres, the average of the three previous years. The decrease was due to less cultivation under juari and bajri, the area under cotton remaining normal.

78. The total expenditure on the construction of karias and kasis up to the end of the year on the canal amounted to Rs. 2,88,860.

79. An allotment of 8 acres was made on this canal to Junior Talpurs during the year.

80. The canal was opened on the 20th of May and ceased flowing on the 3rd of *Dad Canal.* November. The supply was sufficient throughout the season in spite of the inundation being one of the lowest on record. This was due to the fact that its feeder, which had been scoured out to about 3' below its designed bed two years ago, maintained its deep channel and kept free of silt. This success was due to the extensive groyning which was done to the sides thereby reducing its width previously varying from 100 to 200 feet to a uniform 100 feet and so canalizing the channel. The banks of the canal in miles 78 to 81 which usually breach and those of the feeder and other canals which were too low were raised and strengthened during the year.

81. The groyne in the bed which were constructed last year below the 50th mile to raise the water level to improve the supply to the branch canal, the Mubarak, and to restrict flooding at the tail of the Dad, were extended and raised with some further small improvements on existing conditions, but no really satisfactory and permanent results can be obtained particularly with regard to the flooding at the tail of the canal until the Lower Dad Remodelling Project is undertaken.

82. The cultivation during the year was 64,105 acres against 121,439 acres in the last year and 112,047 acres, the average of the three previous years.

83. The total expenditure on the construction of karias and kasis to the end of the year under report amounted to Rs. 1,32,574.

84. New land to the extent of 7 acres was allotted during the year in extension of holdings to local zamindars.

85. The Ren Distributary is fed by the Dad Canal and worked satisfactorily in spite of the low inundation as the Dad Feeder brought in a good supply throughout the season. The total expenditure on this project to end of year under report was Rs. 2,13,819.

86. New land to the extent of 1,921 acres was allotted on this canal.

Fuleli Canal.

87. The Fuleli Canal on the whole worked satisfactorily. Rotations were frequently resorted to and these saved the situation to a great extent.

88. The dhand supplying the new cut to the *old* Fuleli excavated in 1917 was heavily silted towards the end of the inundation. Active erosion of the river, however, took place at its tail and carried away its most heavily silted portion. As erosion still continues, no special measures have been adopted. Silt clearance was carried out in a length of about half a mile near the Nareja regulator and a length of half a mile below the regulator was reduced by single groyne so as to canalize that portion which is very wide and silts.

89. The new mouth to the Dokiawah above the Alipur regulator worked very satisfactorily. It was kept open in the rabi season and several zamindars took advantage of the rabi supply available.

90. The area cultivated during the year was about 371,500 acres against 386,780 acres in the last year and 416,190 acres the average of the three previous years.

91. The capital expenditure on this canal during the year under report was Rs. 13,896 and was incurred on new mouth to the Dokiawah above the Alipur regulator.

Hassanali Canal.

92. The main Hassanali Canal and its branches worked satisfactorily on the whole.

93. The area under cultivation was about 18,000 acres against 18,955 acres cultivated in the last year and 18,967 acres, the average of the three previous years.

Canals in the
Hyderabad Canals
District.

94. With the exception of Sarfrazwah all the canals in this District worked satisfactorily. Owing to the low inundation the Great Marak Canal gave no trouble this year. The construction of a regulator over this canal is in progress.

95. The cultivation this year in the whole of the Hyderabad Canals District was about 260,000 acres against 287,827 acres in the last year and 280,031 acres, the average of the three previous years.

(ii) WORKS FOR WHICH ONLY REVENUE ACCOUNTS ARE KEPT.

96. The principal canals under this head are Naulakhi, Mehrab and Dhambro in the Nasrat Canals District and Ren, Gharo Mahmudo, Kari Shumali and Nasir in the Hyderabad Canals District. All the canals under this head, with the exception of Nasir, obtained a fairly good supply. The Naulakhi Canal was fed from both 1915 and 1917 heads. The 1917 head was opened later in order to avoid breaches lower down as the canal is not provided with a Regulator. It is very necessary to provide Head Regulators over this canal and on the Mehrabwah and the matter is in hand.

4.—PROTECTIVE EMBANKMENTS.

97. The maximum gauge reading at Bukkur was 11·8 against 15·8 in the previous year. The inundation was very poor and the Kashmor bund was not put to any severe test.

98. In the first section the flood water touched the whole of the front bund, 1896 loop, Tori bund, and Haibat loop up to the 16th mile, while in the second and third sections the flood water did not touch the bund at all.

99. Erosion took place at Begari mouth in ordinates 3/6 and 4/1 and the maximum of 200 feet in a week was along the ordinate at 3/6 mile. The front bund remained intact but the river at the nearest point was only 250 feet away. Once this bund goes the 1896 loop becomes the first line of defence.

100. There were no leaks or breaches of any importance this year. All minor leaks and breaches were promptly detected and closed by the establishment.

101. Tori, Haibat and Ghouspur bunds were thoroughly wetted by the trench system.

102. The system of river bunds in the Western Nara District is 101 miles in length. During the year under report the river spill only touched these bunds at the beginning of season at some places. There were no leaks or breaches during the year. The question of closing the gap or constructing a loop to the Manjhand Bund System has been abandoned. The other portion of this bund was not severely tested as there was very little water against it. The water touched the Phulu Bund in the beginning of abkalani at various places, but it stood the pressure very well.

103. In the Ghar Canals District as the set of the river is towards the left bank and as the inundation was low, there was no water against the bunds except at some local depressions. The bunds were kept in order by removing grass and jungle from top and slopes and putting earth on the portions worn away, but no wetting was done as water did not touch the bund.

104. In the Shikarpur Canals District the bunds were not severely tested owing to low level of the river.

105. In the Karachi Canals District the free board along the bund line during the year under report on account of the low inundation, was adequate, but in a few places along the Baghar Uchito Bund slight raising is necessary which has been ascertained after recent levelling. It has also been found necessary to bring the same bund to standard section.

106. A breach occurred at mile 20/4 of the Baghar Uchito Bund on the 9th June 1918. The position of the breach was at a dangerous part of the bund and where a sluice, which was under construction, had not been completed. The breach was closed on the 16th June 1918. The damage done to crops due to this breach was not considerable.

107. Owing to the low river, water only touched small lengths of the bunds in the Left Bank Division. All bunds kept intact and gave no trouble. In the Fuleli District the stone pitching to Gidu Bunder bund was badly displaced. This was repaired in time and about 10,000 cubic feet of reserve stone was thrown in at the toe, wherever slips were observed. This is a makeshift measure and much more extensive efforts, now under consideration, are needed to make this portion of the bund safe.

108. The project for the construction of a river protective bund between Herbertwah and Gharo Alibahar to prevent spill water flooding the tract below Daulatpur and Sakrand is in hand and will shortly be ready for submission to the Indus River Commission.

5.—INDUS RIVER COMMISSION.

109. The expenditure on works and surveys was charged to "43-Irrigation Minor Works and Navigation—Agricultural Works—Works for which neither Capital nor Revenue Accounts are kept." Indus River Commission Works and their classification.

110. The usual topographical surveys, aggregating 1,958 miles in length, of the Indus, dhands, bunds, etc., were carried out. The total length of the river course from Rojhan in the Punjab to the point of its bifurcation was 549 miles. About 503 miles of this length together with 26 miles of the Haideri river and 5 miles of the Ochito were surveyed and plotted. Surveys of the Indus.

111. The Khairpur boundary rails were inspected as usual. The demarcation of the boundary between Sind and Bahawalpur State has been completed. Khairpur Boundary rails and Bahawalpur State Boundary demarcation.

112. Gauge readings of the river were taken daily at 11 stations, twice a week at 4 stations and weekly at 9 stations. River Ganges.

113. Discharge observations were continued at Sukkur and Kotri and observations of other kinds were also made as usual. The results will be published in the Indus River Records. The discharge at Sukkur during the inundation and the minimum discharge of the year, compared with the results of previous four years, are as follow :— Scientific works and discharges of the Indus.

Month.	1914-15.	1915-16.	1916-17.	1917-18.	1918-19.
	C. ft.	C. ft.	C. ft.	C. ft.	C. ft.
June	7,401,000	8,925,000	8,038,000	7,233,000	13,257,000
July	21,453,000	10,756,000	13,044,000	8,603,000	9,809,000
August	18,359,000	11,834,000	18,227,000	18,941,000	9,924,000
September	13,863,000	7,083,000	7,972,000	12,985,000	5,924,000
Total	61,076,000	38,598,000	47,281,000	47,762,000	38,914,000
Average discharge Cusecs ...	500,623	316,377	387,549	391,492	318,967
Maximum discharge Cusecs ...	948,728	430,445	735,348	740,279	521,890
Minimum discharge June to September Cusecs ...	176,894	134,888	73,287	126,049	92,901
Minimum-discharge observed throughout the year Cusecs ...	40,664	25,546	17,568	28,083	21,784

Note.—These totals and their constituent figures are the sums of the daily observations of the Indus in cusecs. To arrive at its total discharge during the period concerned, the figures given in the table must be multiplied by 86,400 (the number of seconds in a day).

114. The discharge observations of the Indus at Mithankot during the cold weather above and below the junction with the Chenab were continued. The minimum discharge was 19,680 and 31,898 cusecs respectively at the two sites.

Extensions and
Improvements and
Special Repairs.

115. The estimated cost of the works under these heads sanctioned or approved during 1918-19 by the Indus River Commission for execution by the Executive Engineers and by the Commission is given below :—

District.	Extensions and Improvements.	Special Repairs.	Total.
<i>A.—Indus Right Bank Division.</i>	Rs.	Rs.	Rs.
Begari Canals ... ..	.....	42,999	42,999
Shikarpur Canals	1,565	57,000	58,565
Western Nara	55,168	.....	55,168
Karachi Canals	37,468	8,28,593	8,66,061
Total ...	94,201	9,28,592	10,22,793
<i>B.—Indus Left Bank Division.</i>			
Nasrat Canals	100	.....	100
<i>C.—Indus River Commission.</i>			
Works under the direct control of the Indus River Commission.	43,230	.....	43,230
Grand Total ...	1,37,531	9,28,592	10,66,123

116. The large expenditure shown against the Karachi Canals District was required for the construction of new Belo and Marho loops. The old bunds were threatened during the past inundation season. The Belo Bund was actually eroded towards the end of the season while the Marho Bund will only just avoid erosion during the current inundation. No loss either to property or cultivation occurred owing to the erosion of the Belo Bund during the past inundation as the river was not very high.

Maintenance and
Repairs.

117. The total expenditure under this head on the several works under the direct control of the Indus River Commission was Rs. 15,166 of which Rs. 3,039 were spent on the river gauge establishments at Sukkur, Kotri, Jerruck and the Indus Delta.

Total Expenditure.

118. The total expenditure incurred and accounted for by the Indus River Commission was :—

	Rs.
Works	25,444
Repairs	15,166
Establishment	80,764
Tools and Plant	3,890
Total ...	1,25,264

Snagging operations.

119. No snagging and clearance work was carried out as the dredger "Mudlark" was sent to Mesopotamia.

Erosion.

120. Heavy erosion occurred at mile 4/1 of Kashmor Bund, 12/5 and 28/0 of Sukkur Begari Bund, 100/0 of Western Nara Bund and 33/6 of the Mulchand Shahbunder Bund, the maximum rate of erosion being 280, 365, 300, 508 and 444 feet per week respectively.

121. The erosion between miles 32/0 to 34/2 of Mulchand Shahbunder Bund and 5/4 to 6/2 of Baghar Uchito Bund necessitated the construction of the Belo and Marho loops noted above.

122. The bend forming at Belo is becoming far more marked and the set of the river opposite the Marho loop bund is normal to the bund line. The erosion at the latter place has averaged over 40 feet per week during the present inundation and at times lengths of over 100 feet have been eroded in the case of individual ordinates. This erosion is considered heavy.

Sukkur Barrage.

123. The surveys in connection with the Barrage Project have been practically completed and the preparation of the plans and estimates is in hand. It is hoped shortly to submit the Barrage plans and estimates and a greatly increased staff is now employed on the preparation of the designs and estimates for the canals. The soil survey has been completed.

6.—MISCELLANEOUS.

Plantations.

124. The existing plantations on canals and along bunds in the Left Bank Division have been well cared for. New trees have been planted in all districts along the various canals and bunds and they are generally doing well.

125. No Egyptian cotton was grown in this Division.

Irrigation of Cotton.

126. The following table shows certain details regarding the watering of indigenous cotton crops :—

District.	Lift lands.		Flow lands.		Date of last watering varied	
	Number of waterings.	Intervals between	Number of waterings.	Intervals between	From	To
Nasrat Canals ...	6	11 to 20 days	6 to 8	11 to 20 days	9th to 30th September.	
Hyderabad Canals ...	7 to 10	.....	.....	.....	13th to 20th September.	
Fuleli Canals ...	5 to 7	8 to 30 days	.....	.....	1st September to 30th October.	
Eastern Nara ...	.....	.....	3 to 6	.....	18th September to 10th October.	
Jamrao Canal, Northern	8 (average)	.....	8 (average)	.....	5th October to 30th November.	
Jamrao Canal, Southern	5 to 9	.....	5 to 9	.....	5th October to 21st December.	

III.—DECCAN AND GUJARAT.

1.—NORTHERN DIVISION.

127. The rainfall during the year 1918-1919 was from the very beginning of the monsoon not only deficient but also very badly distributed, and consequently there was widespread failure of the whole cultivation except the crops that were irrigated. The flood in the Hathmati River helped to relieve the situation to some extent, but it was aggravated by Influenza which spread practically throughout the whole length and breadth of the country and greatly delayed agricultural operations owing to the consequent scarcity of labour.

General remarks.

(i) FIRST CLASS IRRIGATION WORKS.

128. The rainfall gauged at Ahmedabad and Prantij was 9.36 inches and 7.13 inches only against an average of 29.40 and 30.47 inches, respectively, for the last 30 years. There was in consequence a total failure of food grains and other crops and scarcity prevailed over Northern Gujarát, though not actual famine except in some parts of the Panch Maháls.

Hathmati and Khari Cut Canals.

129. The monsoon made its appearance on the 31st May and about 1 to 1½ inches of rain fell at several stations on the Hathmati and Khari Cut Canals on that day and the next. Then it disappeared until the last day of June when it rained 1 to 2 inches. In July and August there were only drizzles at intervals, but on the 30th and 31st August it poured heavily from 2 to 6 inches at different places, and at Hadol in the Ahmedabad Collectorate the rainfall measured 12 inches. The next three days it drizzled measuring a few cents only and then it ceased altogether and the monsoon ended.

130. Owing to heavy showers all round and especially on the Abu side on the 30th and 31st August, both the Hathmati and Sabarmati rivers were flooded. The flood water of the Hathmati was diverted into the Bokh Reservoir filling it to 100 m.cft. One watering was given from this to about 150 acres of the bajri crop and 50 acres of sugarcane crop, using up about 70 m.cft. The remaining 30 m.cft. were used in filling up the Ashlali Gam and Naroda Gam Tanks and in the last watering of the rice fields. Due to further fall of rain, the cultivators raised juwari and bajri crops in their fields all along the canal line. It then became a very serious question to protect all the crops which required watering simultaneously all around, but with careful distribution about 800 acres were protected, every cultivator having been given the chance to irrigate some part of his fields. In this way fodder was secured for cattle, mitigating in a small way the fodder famine and giving employment to labour. Almost all village tanks along the canal line were filled for domestic purposes. Water was not available in a sufficient quantity for rabi, but what was available was given in rotation and about 259 acres were irrigated.

131. The discharge in the Khari Cut, which measured 31 cusecs after the first rainfall, was utilized in irrigating the hot weather crop over 830 acres upto the end of June. It was then diverted into the Chandola Tank, the water level in which rose from R. L. 131 to R. L. 132. On the 30th August, due to heavy rains, there was a flood in the Khari, which was allowed down the river. The water, however, having been absorbed on the way, never reached Pinglaj. On the 3rd September it was turned into the Chandola Tank, raising its level to 134.20 and storing 34 m.cft. This Chandola water was distributed to transplant rice over 30 acres of Kiari in the bagayat land of Dani Limda, but the outturn was about 6 annas in a rupee, as the transplantation was late and sufficient moisture was not left in the ground. Besides rice crops, the canal water was utilized in irrigating 400 acres of juwari crop and 50 acres of sugarcane crop.

132. As almost all monsoon days were dry, very little kharif crop was grown on rain during the year under report.

133. The area irrigated and the gross assessed revenue compare with the average for the triennium ending 1917-1918 as under :—

Name of Canal.	1918-1919.		Average of the previous three years.	
	Area irrigated.	Gross assessed revenue.	Area irrigated.	Gross assessed revenue.
	Acres.	Rs.	Acres.	Rs.
Hathmati Canal	1,453	6,173	2,320	6,977
Khari Cut Canal	1,395	7,856	5,668	39,731

Tanks in the Kaira
Collectorate.

134. The area irrigated and the gross assessment on the Wangroli, Tranza-Nagrama, Savli and Saiat Tanks, as compared with the average of the triennium ending 1917-1918, are shown below :—

Name of Tank.	1918-1919.		Average of the previous three years.	
	Area irrigated.	Gross assessed revenue.	Area irrigated.	Gross assessed revenue.
	Acres.	Rs.	Acres.	Rs.
Wangroli	784	2,628	381	1,640
Tranza-Nagrama ... ..	...	...	10	287
Savli	281	1,502	547	1,936
Saiat	107	756	49	504

135. The Tranza-Nagrama Tank did not fill at all, but the Wangroli, Savli and Saiat Tanks filled partially, and the water was utilized in raising some kharif and hot weather crops. Due to scanty rainfall the cultivators were obliged to take water for rice and fodder crops and there was an increase in the kharif irrigation on these tanks. All these tanks were maintained in good condition at a cost of Rs. 12,151. Special repairs to Saiat Tank and Wangroli Tank Canals were carried out at a total cost of Rs. 497 and 504 respectively.

Futelao Tank.

136. The Futelao Tank did not fill and with the little water it received about 18 acres of land was irrigated in kharif which yielded a revenue of Rs. 35 against 45 acres and a revenue of Rs. 90 of the last year. The yield from cultivation in its bed was Rs. 107 against Rs. 160 during the previous year. The tank was maintained in good order at a cost of Rs. 1,227.

(ii) SECOND CLASS IRRIGATION WORKS AND AGRICULTURAL WORKS.

Khari sluices.

137. The rainfall of the 30th June in the catchment round about Himatnagar increased the discharge at Raipur from 17 cusecs to 60 cusecs, which was all let down to the Khari Sluices for eight days but did not reach even Lali on account of absorption on the way, and to prevent such waste the water had to be taken into the Khari Cut and allowed to pass into the Chandola Tank. Thus on Khari Sluices no cultivation was done as the Khari did not flow at all during the whole season. The overflow of the Sabarmati River, however, flooded the Naika and some of Chanindra lands and the people of these villages cultivated some jwari.

Muwalia Tank.

138. The rainfall gauged at Muwalia was 11.28 inches, which was much below the average. The tank, however, had, due to the heavy rains of 1917, some storage left over from the previous year which helped much in irrigating the kharif crop as well as the hot weather crops. The kharif irrigation showed a marked increase as compared with the last three years, while there being scarcity of rain during the year under report, the rabi irrigation decreased. The total irrigation in the year is greater than that in the past three years, the area irrigated being 724 acres and the revenue Rs. 2,030. The miscellaneous receipts derived from the cultivation, etc., in the tank bed were, in addition, Rs. 289 against Rs. 343 last year. The tank and the canals were maintained in good condition at a cost of Rs. 2,936 and the total revenue was Rs. 2,319.

Old tanks.

139. Improvements to 63 and repairs to 51 small irrigation tanks in the Gujarat Irrigation District and repairs to 24 tanks in the Surat and Broach District were executed at a total cost of Rs. 50,096 and Rs. 32,133 respectively.

Drainage Channels.

140. The drainage channels in the Surat and Broach and Gujarat Irrigation District were maintained at a cost of Rs. 5,082 and Rs. 7,321 respectively and the reclamation works in the former at a cost of Rs. 3,411.

141. The following works were in progress during the year :—

- (i) The Timba Tank at Harsol, taluka Prántij, Ahmedabad District ;
- (ii) The Matewal Tank at Salun and Nanodra villages, taluka Thásra, Kaira District ;
- (iii) The Fudsar Tank at Lasundra, taluka Kapadvanj, Kaira District ;
- (iv) The Bodidra Bujrag Tank ; and
- (v) The Tank at Dangaria, Táluka Godhra, Panch Maháls.

2.—CENTRAL DIVISION.

142. In the Central Division there are few irrigation works of importance.

143. The year under report had very scanty rainfall throughout the Central Division and consequently there was insufficient replenishment in the tanks while the demand for canal water was very great.

(i) FIRST CLASS IRRIGATION WORKS.

144. The area irrigated under this tank was 4,804 acres against 2,250 acres, the average of the previous three years and the gross assessed revenue amounted to Rs. 1,23,387, showing an increase of Rs. 34,885 over the average for the past triennium. The high increase was due mainly to the issue of water freely to non-lease-holders, especially for food and fodder crops owing to the general scarcity. It was also due in this and other cases to the unexpected and extraordinary demand for canal water that was experienced in both the monsoon and rabi seasons owing to the persistent holding off of the rains in July and August when water is most needed for the maturity of the monsoon crops.

145. The Agricultural Department has been making experiments on new methods of planting sugarcane on the Ekrak Canal, similar to those tried at the Manjri Farm in the Poona District. 50 acres were allowed to be grown with sugarcane for these experiments on payment of the usual water rate, by the owners who offered to try the new methods.

146. These canals form an important irrigation system in the East Khándesh District, Jamda Canals. The eight months rabi leases introduced on these canals in October 1916 are now becoming more popular and receiving greater attention at the hands of the cultivators. The holding off of rains in the middle of July and August 1918 at a time when rain is most needed for the kharif crops, opened their eyes and made them seek the protection afforded by the canals and enter into the new system of leases. The result was that the area under the rabi leases increased by 323 acres, i. e., from 262 acres to 585, against the minimum estimated lease area of 1,000 acres. The most important requirement for making the Jamda canals remunerative independently is a separate storage reservoir. At present the Girna river discharge at the Jamda Bandhara is supplemented by a supply of water from the Chankapur tank, but it is not to be depended on permanently as it has its own large irrigated area to provide for.

147. All other works except the Mukti and the Koregaon Tanks showed an increase in area as compared with the average areas for the preceding triennium and it was due to the extraordinary demand for water owing to the failure of rains. The decrease under the Mukti Tank was due to insufficient storage in the tank, in consequence of which water had to be refused to many late applicants as it had to be reserved for the irrigators of Kayam Bagait lands and for those whose applications were received in time and accepted. The revenue under the tank was, however, greater due to unauthorised use of canal water for which double the prescribed rates were assessed. The fall in area under the Koregaon Tank was also due to insufficient storage, and water from the tank could not be issued to all the lease-holders to the full extent ; there was consequently a fall in revenue from the tank.

148. The total area irrigated on all the first class irrigation works in this Division was 22,955 acres and the gross assessed revenue Rs. 2,22,366 as against 12,235 acres and Rs. 1,56,494 respectively, the averages of the previous triennium.

(ii) SECOND CLASS IRRIGATION WORKS.

149. The total expenditure on extensions and improvements and maintenance and repairs to the Bandharas in the East and West Khándesh Districts was Rs. 2,635.

3.—DECCAN IRRIGATION DIVISION.

(i) FIRST CLASS IRRIGATION WORKS.

(a) Works in existence.

Protective Works.

150. Of the works in operation in the Deccan, the Nira Left Bank Canal, which is situated in the Poona District, is the most important at present.

Nira Left Bank Canal, and Shetphai Tank.

151. The total area irrigated under this canal during the year under review was 54,642 acres, the gross revenue from all sources being Rs. 6,40,550. These figures are much above the average, the increase being mainly due to the very high demand for water for rabi crops owing to the total failure of the rabi rains.

Mhaswad Tank.

152. The total area irrigated under the Mhaswad Tank, in the Sholapur District, was 9,577 acres and the gross revenue realised from all sources Rs. 57,161. The latter figure is much above the average, the increase being partly due to the failure of the monsoon and consequent high demand for water and partly to the revenue realised by letting out the land in the tank basin for cultivation.

Godavari Canals.

153. The Godavari Canals scheme comprises the following works :—

- (1) Lake Beale Storage Reservoir.
- (2) Pick-up-weir at Nandur Madhmeshwar.
- (3) Godavari Right and Left Bank Canals.

154. *Godavari Right Bank Canal.*—The whole length of 70½ miles of the canal together with all its distributaries has been completed. The whole of the canal was in operation during the year and the area irrigated was 28,280 acres, the revenue realised from all sources being Rs. 3,04,950. The cultivation under irrigation has not yet been fully developed. This, except for sugarcane plantation, will take some time under normal rainfall conditions.

155. *Godavari Left Bank Canal.*—The whole length of 48 miles of this canal together with all its distributaries has also been completed. The canal was in operation during the year and the area irrigated was 17,614 acres, the revenue realised from all sources being Rs. 2,09,510.

156. The increase in areas irrigated under these two canals is due to the extension of rabi irrigation and the increase in revenue partly to the extension of rabi irrigation and partly to the enhancement of rates for sugarcane and other perennial crops.

Productive Works.

Mutha Canals and
Matoba Tank.

157. The Mutha Canals system irrigated a total area of 17,662 acres, the gross revenue from all sources being Rs. 5,75,485 including Rs. 2,55,811 realised from the Poona Water Supply. The increase in area is due to the abnormal demand for rabi water owing to the total failure of the rabi rains. The proposal for the separation of the accounts of the Poona Water Supply from those of the Mutha Canals system was approved by the Government of India towards the close of the year and the necessary adjustments in the accounts were carried out.

(b) Works under construction.

Protective Works.

Pravara Canals.

158. The Pravara Canals Irrigation Project comprises :—

- (1) Lake Arthur Hill Storage.
- (2) Pick-up-weir at Ojhar.
- (3) The Pravara Right and Left Bank Canals.

159. The total expenditure incurred during the year on this scheme was as under :—

	Rs.		
(1) Lake Arthur Hill Storage	...	...	4,30,969
(2) Pravara Right Bank Canal	...	...	20,741
(3) Pravara Left Bank Canal	...	...	1,56,476
Total	6,08,186		

160. *Lake Arthur Hill Dam.*—During the year under review, the masonry of the Dam throughout its length was raised from R.L. 2307 to R.L. 2333. A gap of 200 feet is left in the centre of the Dam at R.L. 2333 to allow the floods to pass through the central portion. Flank walls have been raised on both banks for about half the width of the Dam, 13 to 15 feet higher than the centre portion with cross-walls up to the downstream face.

161. The quantity of masonry done in the Dam during the year was about 12 lakhs of cubic feet against 7 lakhs done during the last year. This satisfactory result was due to the introduction of the scheme of selling cheap grain to the labour employed on the work. Owing to this arrangement there was a large influx of labour on the work, thus accelerating the progress of masonry and at the same time relieving the stress of famine in the neighbouring localities, where no famine works had to be opened.

162. The total quantity of the work carried out up to the end of March 1919 was about 74½ lakhs of cubic feet or about 56 per cent. of the total estimated masonry in the Dam. The Dam will probably be completed in 1923.

163. *Sluices.*—The third sluice at R.L. 2327·63 has been finished and the flank wall carried across over the same to join the rock cliff on the right bank. The pillars of the other two sluices have been raised to R.L. 2345·0 in level with the flank wall.

164. *Waste weir.*—The excavation was further extended during the year under report in soft materials for filling in the embankment on the low saddle. Excavation in hard rock was continued and the useful materials were utilised for the masonry of the two core walls and the Dam.

165. *Flood embankment on old waste weir.*—The masonry core wall has been in progress in full length and completed to the required height in a length of 500 feet at the east end. The remaining portion has been raised to an average height of 10 feet. The earthwork of the embankment has been in progress along the whole length and completed for about 400 feet.

166. The expenditure during the year on the masonry dam and other works was Rs. 4,30,969, the total expenditure on works only up to 31st March 1919 being about Rs. 34 lakhs. The estimated cost of the dam for works only is Rs. 54,91,730.

167. *Pick-up weir at Ojhar.*—The raising of the weir together with the construction of the Head Regulator with the scouring sluices for the Pravara Left Bank Canal have been completed.

168. *Pravara Left Bank Canal.*—The work of widening and extension of the old canal was started in 1910, and the earthwork and all the masonry works on the main canal are completed. Continuous progress on the construction of the distributary system is maintained and the canal will be ready in all respects for all classes of irrigation by the time an adequate supply of water is available from the Bhandardara Storage under construction.

169. *Pravara Right Bank Canal.*—All the works on this canal are completed including distributaries. The construction of the tail channel and the Rahuri Distributary is making satisfactory progress.

170. The canal was in operation upto mile 33, but the supply of water was inadequate and will remain so until water is available from "Lake Arthur Hill" at Bhandardara.

171. *Chankapur Tank.*—The supply in the Girna River was sufficient to meet the requirements of the Girna Canal up to 2nd November 1918, when the tank was drawn up on for irrigation on the Girna River System and also for irrigation under Second Class works and Jamda Canals in the East Khândesh District. Girna River Works,

172. *Girna Left Bank Canal.*—This canal irrigated during the year under report a total area of 4,495 acres and the gross revenue from all sources was Rs. 21,147. The large increase in the irrigated area is due to the very low rainfall during the year. The extension of this canal was in progress and the expenditure incurred thereon during the year was Rs. 15,513.

173. The project comprises the following works:—

(1) Building a new Dam at Bhatghar.

Nira Right Bank
Canal.

(2) Constructing a canal on the right bank from Vir upto Piliv for a length of about 88 miles.

174. *Lake Whiting Dam.*—The quantity of masonry laid during the year was about 18 lakhs of cubic feet. The total quantity carried out upto the end of March 1919 was about 56½ lakhs of cubic feet or about 28 per cent. of the total estimated masonry in the dam. The dam will probably be completed in the year 1928.

175. *Gunjawani Bridge.*—The construction of the Gunjawani Bridge, which was started in 1917, was completed during the year under report.

176. *Nira Right Bank Canal—Earthwork.*—Embankment work in the whole length of the canal is very nearly completed except for the gaps left for the construction of masonry works.

177. *Masonry Works.*—Out of the total number of 20 aqueducts, 88 culverts and 38 road bridges on this canal, 1 aqueduct, 26 culverts and 11 road bridges have been completed to end of 1918-19. During the year under report 1 aqueduct, 8 culverts and 7 road bridges have been completed and 18 aqueducts, 34 culverts and 12 road bridges are in progress. The masonry works under D—Regulators have not yet been taken in hand. A number of permanent buildings required in connection with the project have already been constructed and a few are under construction.

178. The total expenditure incurred during the year was as under:—

				Rs.
(1) Lake Whiting Storage	...	...	...	5,17,481
(2) Nira Right Bank Canal	...	...	...	6,52,614
Total				11,70,095

179. On the whole, the progress on the various construction works in the Division General is considered to be good in view of the unprecedented labour difficulties mainly due to the outbreak of Influenza and the unusual rise in the prices of food grains combined with a great scarcity of fodder.

180. *Special Duty*.—The officer placed by Government on special duty under the Deccan Irrigation Division completed, during the year under review, his investigations with regard to the future policy of irrigation in the Nira valley and also the re-investigation of the site for a large new dam adjacent to the site of the existing pick-up weir at Vir, which is 18 miles below the Bhatghar Dam on the Nira River.

(ii) SECOND CLASS IRRIGATION WORKS.

181. During the year under report, the outlay on repairs, extensions and improvements to the Bandharas and small village channels was Rs. 19,459 as against Rs. 24,452 for the previous year.

4.—SOUTHERN DIVISION.

(i) FIRST CLASS IRRIGATION WORKS.

182. The first class works in the Southern Division which are 15 in number irrigated over 36,000 acres of land and earned a gross assessed revenue of Rs. 2,01,500. This shows an increase of 40 per cent. in the area irrigated and of 24 per cent. in revenue when compared with the average of the previous three years. The increase was due to more demand for water on account of scanty rainfall during the year.

Krishna Canal.

183. The Krishna Canal is the only Major Work in this Division. It takes off from the left bank of the Krishna River from a weir built near the village of Khodsi in the Karād Taluka of the Sātara District and is 36 miles in length.

184. Certain improvements to the Khodsi weir which were sanctioned in 1916 with a view to increase its capacity of storage have been postponed owing to the abnormally high price of iron, etc., required for the work. The work will be resumed when normal conditions are restored. The expenditure already incurred on this work amounts to Rs. 59,100 against the estimated cost of Rs. 85,226.

185. During the year silt was removed from miles 15 to 20 at a cost of Rs. 1,585. The work of repairing the damage caused to the canal by the heavy rains of 1917-18 was also completed at a cost of Rs. 2,580. The canal irrigated 8,127 acres of land and yielded a gross revenue of Rs. 84,774.

Gokak Canal.

186. The most important of the first class Minor Works in this Division is the Gokak Canal. This irrigation system consists of a masonry weir across the Ghataprabha River at Dhupdal in the Belgaum District and a short length of canal taking off from the reservoir formed by the weir.

187. The weir crest (2,985 feet in length) was as usual temporarily raised by 2 feet at a cost of Rs. 1,296 in order to increase the storage of water for the rabi season. In spite of scanty rainfall full storage up to the crest of the raised weir was obtained. Generally this level is maintained nearly for two months, but in the year under report owing to scanty rain and consequent low discharge in the river it did not continue even for a week. The additional storage of 256 millions cubic feet thus obtained was found very useful for the irrigation of the rabi crop.

188. The Mills at Gokak are to be supplied with water at the rate of 146 cusecs for 13 hours a day (except Sundays) for which the Mills pay to Government Rs. 14,313 per year. But in the year under report, owing to the low water level in the reservoir the supply was reduced to three-fourth of the usual quantity on the 20th and 21st March 1919 and to half from the 4th April to 27th June 1919.

189. The existing arrangements to supply the pumping engine of the Madras and S. M. Railway Company with water for which the Company pays at the rate of one anna per engine watered subject to the minimum of Rs. 25 per month were continued during the year.

190. The water in the Dhupdal reservoir reached its lowest level standing at 18 feet above the sill of the sluices on the 15th May 1918. Thereafter the reservoir began to fill till 24th August when the water reached a level of 21.4 feet above the permanent crest of the weir.

191. The total rainfall was considerably below the average and nearly 1/3rd of it fell in the hot weather when it was not of any use, being untimely. The rainfall during the kharif and rabi seasons was very scanty and therefore the draw off from the reservoir commenced very early this year, i.e., from 17th December 1918, and thus there was shortage of supply for the perennial crops. By economical and judicious use of water, the supply to the perennial crops was, however, maintained till 29th March 1919, when there remained in the tank only 15 feet depth of water which was reserved for the Mills.

Revani and Chikhli Canals.

192. The only two works taking off direct from rivers without storage are the Revani and Chikhli canals in the Sātara district. The Revani canal is about 6 miles in length and takes off from above an ancient Bandhara situated on the river Vasna in the Koregaon taluka. The Chikhli canal is a small irrigation channel only 6½ miles in length and has its origin from the weir built in the Nandni River in the Khánapur taluka. These works irrigated over 600 acres of land and yielded a gross revenue of about Rs. 3,500.

193. The improvements to the Dharma Canal which were sanctioned in 1909 were in progress during the year. Nine outlets have been completed and the regulator No. 8 is nearing completion. The outlay on "works" up to the end of the year amounted to Rs. 76,342 against the revised estimate of Rs. 77,798. The delay in the completion of this work is mainly due to the labour difficulty.

194. The crops under direct irrigation of the canal from miles 1 to 10 suffered owing to the insufficient supply of water in the canal due to the scanty rain and in the lower reaches below mile 10th the crops altogether failed. The water was admitted into the canal on the 24th June 1918 and the canal ceased to flow on the 1st December 1918.

195. Of the canals furnished with storage works the three most important are in the Yerla River Sātara district. The first known as the Yerla river irrigation works consists of the Nehr tank having a canal $8\frac{1}{2}$ miles in length starting from the right bank of the river Yerla at the Nehr tank and two other canals, viz., the Yerla right bank, $15\frac{1}{2}$ miles in length, and the Yerla left bank, $8\frac{1}{2}$ miles long, starting from a pick-up weir across the Yerla river at Khatgun.

196. The Yerla river irrigation works irrigated an area of about 4,500 acres of land and yielded a gross revenue of Rs. 22,600.

197. The rainfall during the year was exceptionally poor and as water was given in the rabi season for growing food and fodder crops the perennial irrigation suffered considerably.

198. The Maini tank is the second system. The Maini tank canal derives its water supply from a large nalla that falls into the river Yerla in the southern portion of the Khatāo tāluka. The canal is $9\frac{1}{2}$ miles in length and irrigates lands in both Khatāo and Khānāpur tālukas. It irrigated about 2,300 acres of land and yielded a gross revenue of Rs. 9,000.

199. The Upper Man River Works is the third system referred to and consists of a tank at Pingli which supplies the right bank canal, 4 miles in length, and also a distributary on the left side, viz., Dahewādi canal, $3\frac{1}{2}$ miles in length. Both of these tail into the Gondola canal (7 miles in length) which has an independent origin at a weir across the Man river. Lower down the river the Lodhavada canal ($3\frac{1}{2}$ miles) has its source. This system irrigated an area of 1,100 acres and yielded a gross revenue of Rs. 5,600.

200. The remaining works are all small tanks mostly in the Dhārwar district and they irrigated from 55 to 900 acres.

(ii) SECOND CLASS IRRIGATION WORKS.

201. Most of the second class irrigation works are in the Dhārwar district and on them depends the success of the important rice cultivation in the hills. During the year repairs to 79 tanks were carried out and the expenditure on them amounted to Rs. 51,000 against Rs. 37,000, the average of the previous three years.

202. The total area irrigated by these works was about 79,500 acres and the irrigation share of the gross assessment amounted to Rs. 1,80,500.

5.—SCIENTIFIC WORKS.

(a) ENGINEERING QUESTIONS THAT HAVE ARISEN.

203. Observations to ascertain loss by evaporation and absorption were made by means of iron tanks in the Pathri, Ashti and Ekrak tanks.

204. Locking arrangements to the outlets under the Ashti Tank were provided to prevent irrigators from taking canal water unauthorisedly.

(b) SPECIAL IRRIGATION DISTRICT.

205. During the year a small area of ratoon cane (Khodwa) was irrigated near the Septic Tanks, Septic Tanks with effluent. The pumping plant installed to pump water from the Mutha Right Bank canal to this area has now been removed, as it has been found that water dilution is not absolutely necessary. It has been decided to use the Septic Tank area in future as a safety valve area on to which the effluent can be diverted in case of emergency.

206. Total area irrigated under the Septic Tanks was 63 acres and the revenue derived therefrom Rs. 1,228.

207. The work of remodelling Distributary No. 5 of the Mutha Right Bank Canal is nearing completion, the expenditure incurred during the year being Rs. 10,494.

208. The experimental farm on Distributary No. 5 was completed during the year. Sugarcane, fodder crops, vegetables and pan garden were grown on the farm.

209. *Contouring*.—The area of 70,000 acres commanded by the Nira Left Bank Canal between Haturna and Vadapuri Nalas was contoured during the year out of the whole area of 93,350 acres to be contoured under this canal.

210. *Nala Surveys*.—Sub-soil and Nala surveys to study the sub-soil conditions were continued during the year at a cost of Rs. 1,592. It was found that superficial classification alone which was completed for the perennial section of the Nira Canal did not give sufficient data for reclaiming lands by deep drainage and it is essential to have a sub-soil

survey of all areas in order to enable the location and opening up of old drains. This survey was therefore started and is in progress in the following selected areas under the Nira Left Bank Canal:—

- (1) Area between Distributary 23 Branch and Distributary 25.
- (2) Land drainage of area of the catchment of nala passing through culvert 28.
- (3) Land drainage of the catchment of culvert 29.

211. *Nala clearance in salt-affected land.*—The experimental work of reclaiming the salt-affected area near Bāramati was continued during the year. This consisted of excavating new trenches and deepening the existing ones to drain off the sub-soil water.

212. The subjoined comparative table of water levels shows the results of the experiments carried out:—

Year.	Approximate average water levels from ground in hot weather.	Reduction.	Remarks.
1915	0' - 2'	...	Before any sort of drainage was done.
1916	3'5" - 4'	2' - 3'5"	Due to Nala trench and upper trench.
1917	3'0" - 3'5"	1'5" - 3'	Means a rise of 0'5" as compared to 1916. This was due to heavy rains.
1918	3'5" - 4'5"	2'5" - 3'5"	Due to south trench and middle trench.
1919	4'5" - 5'0"	3'0" - 4'5"	Due to middle trench deepening and famine year.

Godavari Canals.

213. The work done during the year under report was chiefly sub-soil survey, the surface classification, however, was done simultaneously of about 26,548 acres in 17 villages under the Godavari Right Bank Canal.

214. For sub-soil work the areas chosen were by drainages and not by villages. Various drainage areas were taken in hand and sub-soil sections were run along and across the nalas. Pits were carried down to a porous strata either massive kankar or murum. Fifteen areas thus selected were surveyed during the year and from the data collected schemes of drainage are being prepared.

(c) RIVER GAUGING.

215. The gauging operations were continued at the 39 stations instituted on some of the rivers in the Deccan.

216. The observed discharges for the year 1918-19 were the lowest on record due to low rainfall. The results are published in the "Annual Report of the supplies of water available for irrigation works, etc."

217. As usual a training class was held in Poona where practical instructions and demonstrations were given to the old and new gauge karkuns before they commenced work on their respective gauges.

218. Arrangements for the establishment of additional rain gauges within the catchment areas of Lake Beale and Kadwa at Palkhed in the Násik Irrigation district have been made, as the existing ones are not sufficient for determining the real average of the rainfall over the catchments in question.

219. The several rain gauges in the Belgaum and Sátára districts were maintained as usual during the year by the respective Executive Engineers.

(d) EXPERIMENTS ON THE EFFICIENCY OF CANALS.

220. Another annual publication gives a record of observations for the flow and losses in canal, the quantity of water used for irrigation and the loss from tanks.

221. Occasional notes are written upon the saturation of earthen dams and the rate of deposit of silt in tank basins for which observations are being made continuously.

ADMINISTRATIVE ACCOUNTS
PUBLIC WORKS DEPARTMENT
(IRRIGATION)
BOMBAY PRESIDENCY
FOR THE YEAR
1918-19.

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Name of Work.		No. 1 General Abstract of Financial Results.	No. 2 Capital Account.	No. 3 Revenue Account.	No. 4 Interest Account.	No. 5 Account of Indirect Charges.	No. 6 Statement comparing Charges to date with sanctioned estimate.
		Pages.	Pages.	Pages.	Pages.	Pages.	Pages.
35.—Protective Irrigation Works.							
1	Pravara River Canals ...	4 & 5	8 & 9	10	11	11	12
2	Chankápur Tank ...	4 & 5	13 & 14	15	16	16	16
3	Godáveri Canal ...	4 & 5	17	19	19	19	19
4	Nira Canal, including Shetphal Tank	4 & 5	20 & 21	22 & 23	23	23	24
5	Mhasvad Tank ...	4 & 5	...	25 & 26	26	26	...
6	Gokák Canal—First Section ...	4 & 5	...	...	...	...	...
7	Máládevi Tank ...	4 & 5	...	...	27	27	27
8	Budhihal Tank ...	4 & 5	28	...	29	29	29
9	Nira Right Bank Canal ...	4 & 5	30	...	31	31	31
49.—Irrigation Works.							
10	Desert Canal ...	4 & 5	32	33	34	34	35
11	Unharwah ...	4 & 5	...	36	37	27	...
12	Begári Canal ...	4 & 5	38	39	40	40	40
13	Mahiwha do. ...	4 & 5	41	42	43	43	43
14	Eastern Nára Works ...	4 & 5	44	45	46	46	46
15	Jámrao Canal ...	4 & 5	47 & 48	49	50	50	50
16	Dád do. ...	4 & 5	51	52	53	53	53
17	Nasrat do. ...	4 & 5	54	55	56	56	56
18	Navlákhí do. ...	4 & 5	...	...	57	...	57
19	Háthmati and Khári Cut Canals...	4 & 5	...	58	59	59	...
20	Lower Pánjhra River Works ...	4 & 5	...	60	61	61	...
21	Kádva River Works ...	4 & 5	...	62 & 63	63	63	...
22	Pravara River Works—Lákh Canal	4 & 5	...	64 & 65	65	65	...
23	Mutha Canals, including Mátoba Tank	4 & 5	66 & 67	68 & 69	69	70	70
24	Ekrúk Tank ...	4 & 5	...	71 & 72	72	72	...
25	Krishna Canal ...	4 & 5	73	74 & 75	75	75 & 76	76
43.—Minor Works and Navigation.							
26	Sukkur Canal ...	6 & 7	77	78 & 79	...	79	80
27	Ghár do. ...	6 & 7	...	81 & 82	...	82	...
28	Suttah do. ...	6 & 7	...	83	...	83	...
29	Alibhar Kacheri Canal ...	6 & 7	...	84	...	84	...
30	Márák Great do. ...	6 & 7	85	86	...	87	87
31	Sarfrázwah ...	6 & 7	...	88	...	88	...
32	Fuleli Canal ...	6 & 7	89	90 & 91	...	91	92
33	Hasanaliwah ...	6 & 7	...	93	...	93	...
34	Wangroli Tank ...	6 & 7	...	94	...	94	94
35	Tránza—Nágrama Tank ...	6 & 7	...	95	...	95	...
36	Sávli Tank ...	6 & 7	...	96	...	96	...
37	Sahiat do. ...	6 & 7	...	97	...	97	...
38	Suki River do. ...	6 & 7	...	...	...	98	98
39	Futelao do. ...	6 & 7	...	99	...	99	...
40	Hartála do. ...	6 & 7	...	100	...	100	...
41	Mhasva do. ...	6 & 7	...	101	...	101	...
42	Jámda Canals ...	6 & 7	...	102	...	102	...
43	Parsul Tank ...	6 & 7	...	103	...	103	...
44	Pravara Left Bank Canal ...	6 & 7	...	104	...	104	...
45	Bhátodi Tank ...	6 & 7	...	105	...	105	...
46	Kásurdi do. ...	6 & 7	...	106	...	106	...
47	Shirsuphal do. ...	6 & 7	...	107	...	107	...
48	Bhádvalvadi do. ...	6 & 7	...	108	...	108	...
49	Victoria do. ...	6 & 7	109	...	...	110	110
50	Koregaon do. ...	6 & 7	...	111	...	111	...
51	Ashti do. ...	6 & 7	...	112	...	112	...
52	Páthri do. ...	6 & 7	...	113	...	113	...
53	Revári Canal ...	6 & 7	...	114	...	114	...
54	Upper Mán River Works ...	6 & 7	...	115	...	115	...
55	Yerla River Irrigation Works ...	6 & 7	...	116	...	116	...
56	Chikhli Canal ...	6 & 7	...	117	...	117	...
57	Maini Tank ...	6 & 7	...	118	...	118	...
58	Muchkundi do. ...	6 & 7	...	119	...	119	...
59	Gadikeri do. ...	6 & 7	...	120 & 121	...	121	...
60	Gokák Canal—First Section, and Storage Works	6 & 7	...	122	123	123	...
61	Dámál Tank ...	6 & 7	...	124	...	124	...
62	Medleri do. ...	6 & 7	...	125	...	125	...
63	Madag do. ...	6 & 7	...	126	...	126	...
64	Asundi do. ...	6 & 7	...	127	...	127	...
65	Dharma Canal ...	6 & 7	128	129	...	130	130
66	Mávinkop Tank ...	6 & 7	...	131	...	131	...
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IRRIGATION BRANCH.

PUBLIC WORKS
ADMINISTRATIVE ACCOUNTS

No. I.—General Abstract of Financial Results showing the estimated Cost of Construction of Major and the Simple Interest on the

MAJOR

Name of Work.	ESTIMATED COST OF CONSTRUCTION.			CAPITAL OUTLAY.						RECEIPTS.
	Direct Charges.	Indirect Charges.	Total.	During 1918-1919.			To end of 1918-1919.			Water-rates, &c.
				Direct Charges.	Indirect Charges.	Total.	Direct Charges.	Indirect Charges.	Total.	
1	2	3	4	5	6	7	8	9	10	11
35.—PROTECTIVE IRRIGATION WORKS.										
DECCAN AND GUJARAT.										
Works in Operation.										
Pravara River Canal ...	1,11,20,711	5,49,881	1,16,70,592	7,75,838	22,043	7,97,881	81,19,803	2,59,327	83,79,180	15,243
Chankapur Tank ...	18,88,840	64,232	19,53,072	19,600	526	20,126	18,75,204	62,001	19,37,205	20,426
Godavari Canal ...	96,53,924	4,93,397	1,01,47,321	42,475	1,398	43,873	96,03,059	4,91,716	1,00,94,775	2,12,170
Nira Canal and Shetphal Tank ...	61,73,855	3,67,922	65,41,607	9,979	265	10,244	61,69,237	3,68,596	65,37,833	2,16,205
Mhaswad Tank ...	20,05,553	90,463	20,96,016	...	...	...	20,05,553	90,463	20,96,016	30,751
Gokak Canal, First Section ...	4,00,939	11,727	4,12,666	...	...	...	4,00,939	11,727	4,12,666	...
Total, Works in Operation...	3,12,43,662	15,77,622	3,28,21,274	8,47,892	24,232	8,72,124	2,81,73,795	12,83,830	2,94,57,625	4,94,795
Works under Construction.										
Maladevi Tank ...	3,04,671	9,903	3,14,574	...	...	...	3,02,040	9,888	3,11,928	...
Badhihal do. ...	13,98,529	56,032	14,54,611	173	5	178	4,91,463	18,293	5,09,756	...
Nira Right Bank Canal ...	2,49,71,868	8,00,631	2,57,72,499	18,01,721*	49,323	18,51,044	1,42,58,697	3,24,403	1,45,83,100	...
Total ...	2,66,75,068	8,66,616	2,75,41,684	18,01,894	49,323	18,51,222	1,50,52,200	3,52,584	1,54,04,784	...
Total, Protective Irrigation Works ...	5,79,18,720	24,44,238	6,03,62,958	26,49,786	73,560	27,23,346	4,32,25,995	16,36,414	4,48,62,409	4,94,795
49.—IRRIGATION WORKS.										
SIND.										
Works in Operation.										
Desert Canal ...	26,55,351	80,019	27,35,370	13,328	326	13,654	26,54,805	80,006	27,34,811	69,189
Unharwah ...	7,68,050	20,780	7,88,830	...	...	...	7,68,050	20,780	7,88,830	781
Begari Canal ...	24,69,981	64,616	25,34,597	41,776	1,021	42,797	24,03,220	79,306	24,82,626	23,360
Mahiwah ...	14,45,246	72,108	15,17,656	...	...	...	13,80,292	58,792	14,39,684	641
Eastern Nara Works ...	72,95,515	2,53,074	75,48,589	1,58,172	5,427	1,63,599	69,63,343	2,41,125	72,04,468	22,366
Jamrao Canal ...	86,65,928	2,58,897	89,24,825	62,741	1,684	64,425	87,11,551	2,60,068	89,71,619	31,939
Dad do. ...	25,66,662	98,045	26,64,707	6,882	236	7,118	25,67,728	98,782	26,61,510	2,218
Nasrat do. ...	18,06,777	58,189	18,64,966	1,068	37	1,105	18,06,777	58,189	18,64,966	1,398
Total, Works in Operation...	2,76,73,512	9,05,718	2,85,79,230	2,68,067	8,185	2,76,252	2,72,56,366	8,92,048	2,81,48,414	1,51,887
Works under Construction.										
Naulakhi Canal ...	12,17,935	44,619	12,62,554	...	...	...	5,112	83	5,145	...
Sukkur Barrage Works ...	...	...	...	...	...	...	—284	...	—284	...
Total, Sind ...	2,88,91,447	9,50,337	2,98,41,784	2,68,067	8,185	2,76,252	2,72,61,194	8,92,081	2,81,53,275	1,51,887
DECCAN AND GUJARAT.										
Works in Operation.										
Hathmati Canal and Khari Cut Canal ...	12,40,983	74,990	13,15,973	...	...	...	12,40,983	74,990	13,15,973	41,215
Lower Panjhra River Works ...	4,45,382	23,239	4,68,621	...	...	...	4,45,382	23,239	4,68,621	15,721
Kadva River Works ...	9,71,741	62,460	10,34,191	...	...	...	9,71,741	62,460	10,34,191	44,226
Pravara River Works—Lakhi Canal ...	3,52,446	19,445	3,71,891	...	...	...	3,52,446	19,445	3,71,891	1,941
Mutha Canals and Mastoba Tank ...	62,39,119	2,95,144	65,34,253	5,14,416	6,413	5,20,829	62,39,008	2,95,144	65,34,144	8,55,997
Ekrak Tank ...	12,28,117	1,12,269	13,40,386	...	...	...	12,28,117	1,12,269	13,40,386	1,15,064
Krishna Canal ...	8,95,262	51,507	9,46,769	...	...	...	8,92,977	51,482	9,44,459	81,042
Total, Deccan and Gujarat...	1,18,73,040	6,39,044	1,25,12,084	5,14,416	6,413	5,20,829	1,18,70,649	6,39,016	1,20,09,665	6,05,206
Total, 49.—Irrigation Works...	4,02,64,467	15,89,381	4,18,53,868	2,46,349	1,772	2,44,577	3,86,31,843	15,31,097	4,01,62,940	7,57,093
GRAND TOTAL ...	9,81,83,207	40,33,619	10,22,16,826	24,08,437	76,332	24,78,769	8,18,67,838	31,67,511	8,50,25,349	12,51,888

Note.—Direct charges under Working Expenses include share of collection charges in the Civil Department calculated
* Includes Rs. 1 adjusted by Journal Entry third batch.

Bombay, 21st October 1919.

BOMBAY PRESIDENCY.

DEPARTMENT.

FOR THE YEAR 1918-1919.

Works, the Capital Outlay thereon, the Revenue derived therefrom, the Working Expenses, Direct Capital Outlay on those Works.

WORKS.

During 1918-1919.		Working Expenses During 1918-1919.			Net Result, including Interest (Difference between Revenue and Working Expenses).				Simple Interest during 1918-19.	Net Result, including Interest.			
Collected with Land Revenue.	Total.	Direct Charges.	Indirect Charges.	Total.	Excess revenue (surplus).	Excess expend. (deficit).	Rate per cent.			Excess revenue (surplus).	Excess expend. (deficit).	Rate per cent.	
							Of excess revenue.	Of excess expenditure.				Of excess revenue.	Of excess expenditure.
12	13	14	15	16	17	18	19	20	21	22	23	24	25
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.			Rs.	Rs.	Rs.		
...	15,248	29	1,782	30,895	...	16,622	...	0.19	2,69,209	...	2,94,981	...	8.40
...	20,428	22,496	1,184	33,680	...	3,254	...	0.17	64,950	...	63,904	...	8.52
...	2,12,170	1,88,099	11,029	1,99,128	13,042	...	0.13	...	8,38,620	...	8,20,578	...	8.17
...	2,16,205	1,18,132	6,268	1,24,395	91,810	...	1.40	...	2,14,627	...	1,22,817	...	1.88
...	30,751	20,145	1,239	21,384	9,867	...	0.45	...	69,829	...	60,469	...	2.88
...	...	...	...	...	...	...	...	...	13,960	...	13,960	...	8.38
...	4,94,795	3,77,955	21,427	3,99,452	95,343	...	0.32	...	9,66,195	...	8,70,853	...	2.96
...	...	...	...	...	...	...	...	...	10,516	...	10,516	...	8.37
...	...	...	...	...	...	...	...	...	17,109	...	17,109	...	8.56
...	...	...	...	...	...	...	...	...	4,65,093	...	4,65,093	...	8.19
...	...	...	...	...	...	...	...	...	4,92,718	...	4,92,718	...	8.20
...	4,94,795	3,77,955	21,427	3,99,452	95,343	...	0.21	...	14,58,913	...	13,68,570	...	8.04
1,97,169	2,66,358	98,249	3,682	1,01,931	1,64,427	...	6.01	...	92,209	72,224	...	2.64	...
1,30,720	1,31,601	46,721	1,657	47,378	74,123	...	9.40	...	26,742	47,381	...	6.01	...
3,48,101	8,71,461	1,62,304	6,321	1,68,625	2,02,836	...	8.17	...	82,948	1,19,888	...	4.88	...
-21,789	-21,139	1,24,948	5,879	1,30,327	...	1,51,466	...	10.52	48,079	...	1,99,545	...	13.86
6,10,374	5,32,940	2,93,673	13,518	3,07,191	2,25,749	...	3.13	...	2,89,697	...	13,948	...	0.10
7,16,347	7,46,336	3,78,381	23,265	3,96,616	3,51,670	...	8.92	...	80,226	49,444	...	0.55	...
1,33,719	1,35,933	1,40,766	7,979	1,48,785	...	12,803	...	0.48	89,523	...	1,02,328	...	8.84
87,800	89,198	1,28,336	7,087	1,35,422	...	46,224	...	2.48	62,927	...	1,09,151	...	6.85
20,92,650	22,44,537	13,67,317	68,908	14,36,225	8,08,312	...	2.87	...	9,44,345	...	1,36,038	...	0.48
...	...	...	...	...	...	...	...	...	178	...	178	...	3.46
...	...	...	...	...	...	...	...	...	-10	...	-10	...	...
20,92,660	22,44,537	13,67,317	68,908	14,36,225	8,08,312	...	2.87	...	9,44,513	...	1,36,201	...	0.48
...
...	41,315	30,313	485	30,799	10,417	...	0.79	...	43,809	...	32,792	...	2.60
2,784	14,505	4,628	203	4,581	13,674	...	2.92	...	15,507	...	1,833	...	0.99
594	44,820	28,607	1,468	30,135	14,985	...	1.42	...	83,834	...	19,149	...	1.85
225	2,166	2,944	179	3,128	...	967	...	0.26	12,271	...	13,223	...	3.56
166	3,56,152	2,00,685	11,725	2,12,410	1,43,742	...	2.20	...	2,26,185	...	82,443	...	1.26
...	1,15,084	21,282	732	21,994	93,070	...	6.94	...	42,761	60,809	...	...	3.75
...	81,042	14,741	710	15,451	15,591	...	1.65	...	31,092	...	16,501	...	1.04
3,758	6,08,964	3,08,240	16,503	3,18,742	2,90,222	...	2.42	...	4,04,859	...	1,14,637	...	0.96
20,96,408	28,53,601	16,70,557	84,410	17,54,967	10,98,534	...	2.73	...	13,49,372	...	2,50,888	...	0.62
20,96,408	33,48,296	20,48,512	1,05,907	21,54,419	11,93,877	...	1.40	...	28,08,285	...	16,14,408	...	1.90

at certain percentages fixed by Government, but which are not adjusted in the Finance Accounts.

F. A. O. REBELLO,
Ag. Accountant General.

IRRIGATION BRANCH.

PUBLIC WORKS DEPARTMENT.

BOMBAY PRESIDENCY.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1918-1919.

No. 1.—General Abstract of Financial Results showing the estimated Cost of Construction of Minor Works, and Navigation, the Capital Outlay thereon, the Revenue derived therefrom, and the Working Expenses on those Works.

Name of Project.	ESTIMATED COST OF CONSTRUCTION.			CAPITAL OUTLAY.						RECEIPTS DURING 1918-1919.			WORKING EXPENSES.			NET RESULT, EXCLUDING INTEREST (DIFFERENCE BETWEEN REVENUE AND WORKING EXPENSES).			
	During 1918-1919.		Total.	To end of 1918-1919.		Total.	Water-rates, &c.	Col-lected Land Revenue.	Total.	Direct Charges.	Indirect Charges.	Total.	Excess Revenue (surplus).	Excess Expenditure (deficit).	Of excess Revenue.	Of excess Expenditure.	Rate per cent.		
	Direct Charges.	Indirect Charges.		Direct Charges.	Indirect Charges.														
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
43.—MINOR WORKS AND NAVIGATION.																			
Works for which Capital and Revenue Accounts are kept.																			
SIND.																			
Works in Operation.																			
Sukkar Canal	13,76,057	61,761	14,37,813	11,298	265	11,563	13,76,052	61,761	14,37,813	5,361	84,744	90,095	65,125	1,414	66,589	23,559	...	164	...
Ghar Canal	5,48,405	30,854	5,79,259	...	...	...	5,48,405	30,854	5,79,259	13,995	6,07,664	6,21,558	1,72,965	3,200	1,76,165	4,45,894	...	76,889	...
Putth Canal	1,74,028	6,051	1,80,079	...	...	...	1,74,028	6,051	1,80,079	—29	14,681	14,652	6,506	93	6,599	8,038	...	4,47	...
Alibhar Kacheri Canal	28,207	710	28,917	...	...	...	23,207	710	23,917	1,268	3,776	5,044	3,337	—62	3,399	8,443	...	36,330	...
Mirak Great Canal	3,64,705	12,302	3,77,008	87,478	2,982	90,410	3,19,428	11,962	3,31,390	6,198	1,01,517	1,06,715	27,415	860	23,276	76,440	...	23,667	...
Suratwadh.	1,18,559	6,121	1,24,680	...	...	...	1,18,559	6,121	1,24,680	3,285	26,670	29,956	13,444	431	13,865	16,090	...	12,900	...
Fulhi Canal	19,74,016	72,881	20,47,227	18,561	622	19,173	19,74,046	73,503	20,47,627	46,770	5,84,608	6,31,378	21,642	8,438	2,69,880	8,61,493	...	17,666	...
Fassuall Canal	2,89,029	14,876	3,04,305	...	...	...	2,89,929	14,876	3,04,805	437	38,287	38,774	12,297	357	12,654	26,120	...	8,567	...
Total Sind	48,08,532	2,05,556	50,75,088	117,327	8,819	1,21,146	48,24,254	2,05,216	50,29,470	76,325	14,61,842	15,38,167	5,55,867	14,721	5,70,578	9,67,589	...	19,24	...
DECAN AND GUJARAT.																			
Works in Operation.																			
Wangroli Tank	2,40,227	50,703	2,90,930	...	...	...	2,40,227	50,703	2,90,930	675	3,126	3,800	8,861	136	8,997	...	5,197	...	1,78
Tanra Nagruna Tank	2,88,032	42,608	3,30,640	...	...	...	2,88,032	42,608	3,30,640	...	...	...	2,461	42	2,703	...	...	...	0,94
Savli Tank	2,34,179	21,031	2,55,210	...	...	...	2,34,179	21,031	2,55,210	211	...	211	3,464	55	3,719	...	3,308	...	1,29
Salat Tank	1,68,452	23,577	1,92,029	...	...	...	1,68,452	23,577	1,92,029	1,775	636	811	4,779	76	4,954	...	4,043	...	2,20
Fuleao Tank	1,07,356	9,105	1,16,461	...	...	...	1,07,356	9,105	1,16,461	268	...	268	3,846	61	3,907	...	3,649	...	8,13
Harkda Tank	47,948	25,434	73,382	...	...	...	47,948	25,434	73,382	1,562	...	1,562	4,108	144	4,247	...	2,956	...	3,26
Mhansa Tank	1,28,781	10,175	1,38,956	...	...	...	1,28,781	10,175	1,38,956	2,069	...	2,069	1,916	66	1,982	...	87	...	0,08
Mhansa Canals	9,91,178	49,911	10,41,089	...	...	...	9,91,178	49,911	10,41,089	6,328	...	6,328	11,936	...	12,948	...	6,020	...	0,68
Paraul Tank	2,11,903	6,051	2,18,954	...	...	...	2,08,007	6,988	2,14,995	4,874	...	4,874	2,981	200	3,181	1,743	...	0,61	...

IRRIGATION BRANCH

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1918-1919.

35.—PROTECTIVE IRRIGATION WORKS.

PRAVARA RIVER CANALS.

CANAL PROJECT.

No. 2.—Capital Account for, and to end of, 1918-1919.

Heads of Account.	DIRECT CHARGES.			Cost of construction as now estimated.	Expenditure against closed estimates.
	Previous.	1918-1919.	Total.		
L.—WORKS.	Rs.	Rs.	Rs.	Rs.	Rs.
(1)—Head Works.					
A. Preliminary Expenses ...	1,873	...	1,873	4,618	.....
B. Land ...	52,619	50	52,669	1,62,408	.....
C. Works ...	28,97,037	4,27,759	33,24,796	52,69,349	.....
K. Buildings ...	40,553	924	41,477	54,888	.....
O. Miscellaneous ...	31,379	705	32,084	34,751	.....
P. Maintenance ...	37,223	4,520	41,743	50,139	.....
Total Head Works ...	30,60,684	4,33,958	34,94,642	55,75,648	.....
(2)—Main Canals and Branches.					
A. Preliminary Expenses ...	10,785	699	11,484	13,155	.....
B. Land ...	60,435	710	61,145	77,223	.....
D. Regulators ...	43,841	1,202	45,043	50,172	.....
E. Falls and Weirs ...	15,299	350	15,649	15,654	.....
F. River and Hill torrent works ...	4,63,573	9,826	4,73,399	4,86,955	.....
G. Bridges ...	1,06,161	3,685	1,09,846	1,11,261	.....
H. Escapes ...	18,954	606	19,560	20,712	.....
K. Buildings ...	1,28,503	10,468	1,38,971	1,98,703	.....
L. Earth-work ...	15,50,635	46,516	15,97,151	15,98,685	.....
M. Plantations ...	50,500	13,668	64,168	62,352	.....
O. Miscellaneous ...	13,439	6,089	19,528	36,827	.....
P. Maintenance ...	26,127	3,760	29,887	43,092	.....
Total Main Canals and Branches ...	24,88,252	97,579	25,85,831	27,13,791	.....
Carried over ...	55,48,936	5,31,537	60,80,473	82,89,439	.....

IRRIGATION BRANCH.

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1918-1919.

35.—PROTECTIVE IRRIGATION WORKS.

PRAVARA RIVER CANALS.

CANAL PROJECT.

No. 2.—Capital Account for, and to end of, 1918-1919—continued.

Heads of Account.	DIRECT CHARGES.			Cost of construction as now estimated.	Expenditure against closed estimates.
	Previous.	1918-19.	Total.		
	Rs.	Rs.	Rs.	Rs.	Rs.
Brought forward ...	55,48,936	5,31,537	60,80,473	82,89,439	.....
WORKS—continued.					
(3)—Distributaries.					
A. Preliminary Expenses ...	11,262	261	11,523	16,169	.....
B. Land ...	42,964	3,359	46,323	83,319	.....
C. Works ...	94,424	21,384	1,15,808	2,33,856	.....
L. Earth-work ...	20,826	31,077	51,903	64,725	.....
O. Miscellaneous ...	1,90,101	27,372	2,17,473	4,60,720	.....
P. Maintenance ...	.....	225	225	.....	.....
Total, Distributaries ...	3,59,577	83,678	4,43,255	8,58,789	.....
Total, I.—Works ...	59,08,513	6,15,215	65,23,728	91,48,228	.....
II.—ESTABLISHMENT.					
1 & 2. Direction and Accounts ...	2,25,302	1,48,878	14,17,361	18,34,495	.....
2. Executive ...	10,43,181				
Total, II.—Establishment ...	12,68,483	1,48,878	14,17,361	18,34,495	.....
III.—TOOLS AND PLANT ...	1,73,703	13,226	1,86,929	1,37,983	.....
IV.—Suspense Accounts ...	112	—104	8	.....	.....
Grand Total ...	73,50,811	7,77,215	81,28,026	1,11,20,711	.....
V.—Less Receipts on Capital Account.	6,846	1,377	8,223	.....	.....
Net Outlay ...	73,43,965	7,75,838	81,19,803	1,11,20,711	.....
APPORTIONMENT.					
Chargeable to 35.—Construction of Protective Irrigation Works ...	68,07,474	7,75,838	75,83,312	1,11,20,711	.....
Chargeable to 43.—Minor Works and Navigation ...	22,623	...	22,623		
Chargeable to 33.—Famine Relief ...	5,13,868	...	5,13,868		
Total ...	73,43,965	7,75,838	81,19,803	1,11,20,711	.....

IRRIGATION BRANCH.

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1918-1919.

35.—PROTECTIVE IRRIGATION WORKS.

PRAVARA RIVER CANALS.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1918-1919.

Receipts.	Total.			Charges.	Total.		
	Previous.	1918-1919.	Total.		Previous.	1918-1919.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
I.—DIRECT RECEIPTS.				I.—EXTENSIONS AND IMPROVEMENTS.			
1. Water-rates from Irrigation ...	91,388	14,526	1,05,914	2. Main Canals and Branches ...	1,346	785	2,081
3. Sales of water ...	84	49	133	II.—MAINTENANCE AND REPAIRS.			
5. Plantations ...	1,770	421	2,191	2. Main Canals and Branches ...	62,355	13,419	75,774
6. Other Canal Produce ...	279	...	279	3. Distributaries ...	3,627	1,145	4,772
9. Rents of Buildings.	653	132	785	Total ...	65,982	14,564	80,546
10. Fines ...	159	30	189	IV.—ESTABLISHMENT.			
11. Miscellaneous Receipts ...	1,957	85	2,042	1 & 2. Direction and Accounts ...	2,954	12,727	44,389
Total ...	96,290	15,243	1,11,533	3. Executive ...	28,708		
				Total ...	31,662	12,727	44,389
II.—INDIRECT RECEIPTS.				V.—TOOLS AND PLANT ...	965	329	1,294
Irrigation share of Land Revenue collected in the Civil Department	...	...	...	VI.—REFUNDS OF REVENUE ...	462	...	462
				Total ...	1,00,417	28,355	1,28,772
Total, Receipts ...	96,290	15,243	1,11,533	Share of Collection Charges in the Civil Department ...	4,574	728	5,302
				Indirect Charges debitable to Revenue Account as per Account No. 5 ...	4,433	1,782	6,215
Grand Total ...	96,290	15,243	1,11,533	Total, Charges ...	1,09,424	30,865	1,40,289
				Balance Net Revenue ...	—13,134	—15,622	—28,756
				Grand Total ...	96,290	15,243	1,11,533

Note.—Loss of Revenue due to concessions granted for wheat cultivation during the Rabi Season 1916-17, vide Government Resolution No. A.I.-12327, dated 18th December 1917, Rs. 732.

IRRIGATION BRANCH.

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1918-1919.

35.—PROTECTIVE IRRIGATION WORKS.

PRAVARA RIVER CANALS.

CANAL PROJECT.

No. 4.—Interest Account for, and to end of, 1918-1919.

	Amount.		Amount.
	Rs.		Rs.
Total interest charges to end of 1917-1918 ...	10,51,306	Net Revenue realized to end of 1917-1918 ...	—13,134
		Do. during 1918-1919 ...	—15,622
Interest charges for the year 1918-1919 ...	2,69,209		—28,756
		Balance net interest charges ...	13,49,271
Total ...	13,20,515	Total ...	13,20,515

No. 5.—Account of Indirect Charges for, and to end of, 1918-1919.

Particulars.	Previous.	1918-1919.	Total.
CAPITAL—	Rs.	Rs.	Rs.
1. Capitalized abatement of Land Revenue ...	59,697	1,200	60,897
2. Leave and Pension Allowances ...	1,77,587	20,843	1,98,430
Total ...	2,37,284	22,043	2,59,327
REVENUE—			
2. Leave and Pension Allowances ...	4,483	1,762	6,215

IRRIGATION BRANCH.

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1918-1919.

35.—PROTECTIVE IRRIGATION WORKS.

PRAVARA RIVER CANALS.

CANAL PROJECT.

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 Capital sanctions.	Total.	Charges to date.	Amount of sanctioned Estimate.	Unspent balance of Estimate.		
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
DIRECT CHARGES.								
Works	65,23,728	91,48,228	26,24,500	65,23,728	<p>Revised estimate for the Pravara River Canal Project sanctioned by the Secretary of State's Despatch No. 37-P.W. of 31st August 1917, vide Government of India's No. 618-L of 16th November 1917, communicated in Government Resolution No. W.I-3948 dated 4th April 1918, Rs. 1,27,04,607</p> <p>Deduct—Estimate of the undermentioned works, as their separate accounts have been prepared as one account for the whole project has been kept in abeyance pending the new project is completed sufficiently to give water to the other canals, vide Government of India's No. 1951-I, of 18th September 1908, communicated in Government Resolution No. 2721 of 20th October 1908 :—</p> <p>Maladevi Rs. Tank ... 3,14,574</p> <p>Pravara Left Bank Canal ... 3,47,550</p> <p>L. & K. H. Canal ... 3,71,691</p> <p>Rs. 10,34,015</p> <p>Net amount shown in this account... 1,16,70,592</p>
Establishment	14,17,361	18,84,495	4,17,134	14,17,361	
Tools and Plant	1,86,929	1,37,988	—48,941	1,86,929	
Suspense Accounts.	8	...	—8	8	
Total	81,28,026	1,11,20,711	29,92,685	81,28,026	
Less—Receipts on Capital Account.	8,223	...	—8,223	8,223	
Net Total	81,19,803	1,11,20,711	30,00,908	81,19,803	
INDIRECT CHARGES.								
Capitalized abatement of Land Revenue	60,897	2,93,051	2,32,154	60,897	
Leave and Pension Allowances	1,98,430	2,56,830	58,400	1,98,430	
Total	2,59,327	5,49,881	2,90,554	2,59,327	
Grand Total	83,79,130	1,16,70,592	32,91,462	83,79,130	

IRRIGATION BRANCH.

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1918-1919.

35.—PROTECTIVE IRRIGATION WORKS.

CHANKAPUR TANK.

TANK PROJECT.

No. 2.—Capital Account for, and to end of, 1918-1919.

Heads of Account.	DIRECT CHARGES.			Cost of construction as now estimated. (Construction estimate closed on 31st March 1910.)	Expenditure against closed estimates.
	Previous.	1918-1919.	Total.		
I.—WORKS.	Rs.	Rs.	Rs.	Rs.	Rs.
(1)—Head Works.					
A. Preliminary Expenses ...	7,678	...	7,678	7,678	7,678
B. Land ...	19,056	...	19,056	19,056	19,056
C. Masonry Works ...	8,82,680	...	8,82,680	8,82,680	8,82,680
K. Buildings ...	11,459	...	11,459	11,459	11,459
L. Earth-work ...	1,16,773	...	1,16,773	1,16,773	1,16,773
P. Maintenance ...	5,610	...	5,610	5,610	5,610
Total, Head Works ...	10,43,256	...	10,43,256	10,43,256	10,43,256
(2)—Main Canals and Branches.					
A. Preliminary Expenses ...	628	...	628	1,349	349
B. Land ...	3,959	962	4,921	10,417	2,102
C. Masonry Works ...	1,37,271	9,546	1,46,817	1,84,714	1,25,966
C (b). Falls and Weirs ...	392	...	392	392	392
C (c). River and Hill Torrent Works ...	71,143	...	71,143	.....	.....
C (d). Bridges ...	718	...	718	.....	.....
K. Buildings ...	11,990	...	11,990	6,148	6,148
L. Earth-work ...	1,66,183	5,162	1,71,295	2,02,979	92,086
M. Plantations ...	5,183	...	5,183	5,183	5,183
O. Miscellaneous ...	4,877	—928	3,949	320	.....
P. Maintenance ...	.....	...	.....	250	.....
Total, Main Canals and Branches ...	4,02,294	14,742	4,17,036	4,11,752	2,32,226
(3)—Distributaries.					
A. Preliminary Expenses ...	7,662	771	8,433	6,717	6,717
B. Land ...	3,221	...	3,221	3,221	3,221
C. Masonry Works ...	5,373	...	5,373	5,373	5,373
L. Earth-work ...	7,794	...	7,794	7,794	7,794
O. Miscellaneous ...	18,800	...	18,800	37,659	18,259
Total, Distributaries ...	42,850	771	43,621	60,764	41,364
Total, I.—Works ...	14,88,400	15,513	15,03,913	15,15,772	13,16,846
Carried over ...	14,88,400	15,513	15,03,913	15,15,772	13,16,846

IRRIGATION BRANCH.

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1918-1919.

35.—PROTECTIVE IRRIGATION WORKS.

CHANKAPUR TANK.

TANK PROJECT.

No. 2.—Capital Account for, and to end of, 1918-1919.—continued.

Heads of Account.	DIRECT CHARGES.			Cost of construction as now estimated (Construction estimate closed on 31st March 1910.)	Expenditure against closed estimates.
	Previous.	1918-1919.	Total.		
	Rs.	Rs.	Rs.	Rs.	Rs.
Brought forward ...	14,88,400	15,513	15,03,913	15,15,772	13,16,846
II.—ESTABLISHMENT.					
1 & 2. Direction and Accounts ...	63,984	3,754	3,14,747	3,16,581	57,852
3. Executive ...	2,44,249				
4. Medical ...	2,810				
Total, II.—Establishment ...	3,10,993	3,754	3,14,747	3,16,581	2,75,815
III.—TOOLS AND PLANT ...	58,343	333	58,676	58,619	55,775
Grand Total ...	18,57,736	19,600	18,77,336	18,90,972	16,48,436
V.— Less Receipts on Capital Account ...	2,132	...	2,132	2,132	2,132
Net Outlay ...	18,55,604	19,600	18,75,204	18,88,840	16,46,304
APPORTIONMENT.					
Chargeable to 35.—Construction of Protective Irrigation Works	18,21,288	19,600	18,40,888	18,88,840	16,11,988
Do. 43.—Minor Works and Navigation ...	34,316	...	34,316		34,316
Total ...	18,55,604	19,600	18,75,204	18,88,840	16,46,304

IRRIGATION BRANCH.

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1918-1919.

85.—PROTECTIVE IRRIGATION WORKS.

CHANKA'PUR TANK.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1918-1919.

Receipts.	Total.			Charges.	Total.		
	Previous.	1918-1919.	Total.		Previous.	1918-1919.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
I.—DIRECT RECEIPTS.				I.—EXTENSIONS AND IMPROVEMENTS.			
1. Water-rates from Irrigation ...	89,568	20,296	1,03,864	1. Head Works ...	8,203	3,324	6,527
3. Sales of water ...	14	...	14	2. Main Canals and Branches ...	4,762	1,148	5,910
6. Other Canal Produce.	259	5	264	Total ...	7,965	4,472	12,437
9. Rents of Buildings.	285	1	286	II.—MAINTENANCE AND REPAIRS.			
10. Fines ...	61	...	61	1. Head Works ...	27,528	5,189	32,717
11. Miscellaneous Receipts ...	1,896	124	2,020	2. Main Canals and Branches ...	27,376	2,631	30,007
Total ...	86,103	20,426	1,06,529	3. Distributaries ...	3,160	451	3,611
				Total ...	58,064	8,271	66,385
II.—INDIRECT RECEIPTS.				IV.—ESTABLISHMENT.			
Irrigation share of Land Revenue collected in the Civil Department	...	...	...	1 & 2. Direction and Accounts ...	2,964	8,460	51,357
				3. Executive ...	39,933		
				Total ...	42,897	8,460	51,357
				V.—TOOLS AND PLANT ...	2,806	274	3,080
				VI.—REFUNDS OF REVENUE ...	36	4	40
				Total ...	1,11,768	21,481	1,33,249
				Share of Collection Charges in the Civil Department ...	4,184	1,015	5,199
Total, Receipts ...	86,103	20,426	1,06,529	Indirect Charges debitable to Revenue Account as per Account No. 5 ...	6,005	1,184	7,189
				Total, Charges ...	1,21,957	23,680	1,45,637
				Balance Net Revenue ...	-35,854	-3,254	-39,108
Grand Total ...	86,103	20,426	1,06,529	Grand Total ...	86,103	20,426	1,06,529

N. E.—Construction Estimate closed on 31st March 1910—vide G. R. No. 872, dated 1st April 1910.
Completion Report approved in G. R. No. 443, dated 3rd March 1911.

Note.—Loss of Revenue due to concessions granted for wheat cultivation during the Rabi Season 1916-17, vide Government Resolution No. A.F-12327 dated 18th December 1917, Rs. 4,385

IRRIGATION BRANCH.

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1918-1919.

35.—PROTECTIVE IRRIGATION WORKS.

CHANKA'PUR TANK.

TANK PROJECT.

No. 4.—Interest Account for, and to end of, 1918-1919.

	Amount.		Amount.
	Rs.		Rs.
Total interest charges to end of 1917-1918	7,19,409	Net revenue realized to end of 1917-1918	—35,854
Interest charges for the year 1918-1919	64,950	Do. during 1918-1919...	— 3,254
		Balance net interest charges	—39,108
			8,23,467
Total	7,84,359	Total	7,84,359

No. 5.—Account of Indirect Charges for, and to end of, 1918-1919.

Particulars.	Previous.	1918-1919.	Total.
	Rs.	Rs.	Rs.
CAPITAL—			
1. Capitalized abatement of Land Revenue	17,297	.....	17,297
2. Leave and Pension Allowances	44,178	526	44,704
Total	61,475	526	62,001
REVENUE—			
2. Leave and Pension Allowances	6,005	1,184	7,189

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 capital sanctions.	Total.	Charges to date.	Amount of sanctioned Estimate.	Unspent balance of Estimate.		
DIRECT CHARGES.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
Works	12,04,069	1,12,777	13,16,846	1,87,067	1,98,926	11,859	15,03,913	
Establishment	2,51,351	24,464	2,75,815	38,932	40,766	1,834	3,14,747	
Tools and Plant	62,947	—7,172	55,775	2,901	2,844	—57	58,676	
Total	15,18,367	1,30,069	16,48,436	2,28,900	2,42,536	13,636	18,77,336	
Less—Receipts on Capital Account.	2,132	...	2,132	...	...	...	2,132	
Net Total	15,16,235	1,30,069	16,46,304	2,28,900	2,42,536	13,636	18,75,204	
INDIRECT CHARGES.								
Capitalized abatement of Land Revenue	16,235	1,037	17,272	25	2,000	1,975	17,297	
Leave and Pension Allowances	35,829	3,424	39,253	5,451	5,707	256	44,704	
Total	52,064	4,461	56,525	5,476	7,707	2,231	62,001	
Grand Total	15,68,299	1,34,530	17,02,829	2,34,376	2,50,243	15,867	19,37,205	

Government Resolution
(Public Works Department)
No. W.I.-9923,
dated 11th April 1917.

IRRIGATION BRANCH.

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1918-1919.

35.—PROTECTIVE IRRIGATION WORKS.

GODA'VARI CANAL.

CANAL PROJECT.

No. 2.—Capital Account for, and to end of, 1918-1919.

Heads of Account.	DIRECT CHARGES.			Cost of construction as now estimated (Construction estimates closed on 31st March 1916).	Expenditure against closed estimates.
	Previous.	1918-1919.	Total.		
	Rs.	Rs.	Rs.	Rs.	Rs.
I.—WORKS.					
(1)—Head Works.					
A. Preliminary Expenses ...	5,480	...	5,480	5,480	5,480
B. Land ...	9,16,689	25,747	9,42,436	9,17,341	9,15,341
C. Works ...	31,57,153	7,483	31,64,633	32,45,154	31,41,569
K. Buildings ...	42,777	...	42,777	42,777	42,777
O. Miscellaneous ...	152	...	152	152	152
P. Maintenance ...	18,007	...	18,007	18,007	18,007
Total, Head Works ...	41,40,255	33,230	41,73,485	42,28,911	41,23,326
(2)—Main Canals and Branches.					
A. Preliminary Expenses ...	29,652	...	29,652	29,652	29,652
B. Land ...	1,07,476	312	1,07,788	1,06,806	1,06,542
D. Regulators ...	23,752	...	23,752	30,011	28,177
F. River and Hill Torrent Works ...	11,01,009	...	11,01,009	11,04,340	10,86,087
G. Bridges ...	1,03,799	...	1,03,799	1,07,987	92,651
H. Escapes ...	20,437	...	20,437	20,431	18,989
K. Buildings ...	1,91,032	...	1,91,032	1,90,770	1,88,165
L. Earth-work ...	17,50,156	...	17,50,156	17,45,325	17,18,741
M. Plantations ...	8,907	...	8,907	8,907	8,907
O. Miscellaneous ...	15,350	...	15,350	12,680	12,680
P. Maintenance ...	16,083	...	16,083	16,318	15,318
Total, Main Canals and Branches ...	33,73,603	312	33,73,915	33,73,227	33,05,909
(3)—Distributaries.					
A. Preliminary Expenses ...	8,762	75	8,837	13,483	8,762
B. Land ...	28,063	...	28,063	30,081	26,513
C. Works ...	1,11,137	...	1,11,137	1,10,729	1,00,642
L. Earth-work ...	1,74,380	...	1,74,380	1,73,917	1,73,319
O. Miscellaneous ...	2,09,157	...	2,09,157	2,04,266	1,65,968
Total, Distributaries ...	5,31,499	75	5,31,574	5,32,476	4,75,204
Liabilities on completed works ...	...	...	...	8,967	...
Total, I.—Works ...	80,45,357	33,617	80,78,974	81,33,581	79,04,439
II.—ESTABLISHMENT.					
1 & 2. Direction and Accounts ...	3,42,128	8,135	13,02,326	12,89,725	12,42,980
3. Executive ...	9,52,663				
Total, Establishment ...	12,94,191	8,135	13,02,326	12,89,725	12,42,980
III.—Tools and Plant ...	2,23,032	723	2,23,755	2,25,399	2,22,180
IV.—Suspense Accounts ...	...	...	...	2,245	2,245
Grand Total ...	95,62,610	42,475	96,05,085	96,55,950	93,71,844
V.—Less—Receipts on Capital Account ...	2,026	...	2,026	2,026	2,026
Net Outlay ...	95,60,584	42,475	96,03,059	96,53,924	93,69,818
APPORTIONMENT.					
Chargeable to 33.—Construction of Protective Irrigation Works ...	95,60,584	42,475	96,03,059	96,53,924	93,69,818

IRRIGATION BRANCH.

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1918-1919.

35.—PROTECTIVE IRRIGATION WORKS.

GODA'VARI CANAL.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1918-1919.

Receipts.	Total.			Charges.	Total.		
	Previous.	1918-1919.	Total.		Previous.	1918-1919.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
I.—DIRECT RECEIPTS.				I.—EXTENSIONS AND IMPROVEMENTS.			
1. Water-rates from Irrigation ...	10,84,876	2,02,022	12,86,898	1. Head Works ...	6,284	1,736	8,020
2. Sales of water ...	2,838	1,096	3,934	2. Main Canals and Branches ...	9,570	8,759	18,329
5. Plantations ...	1,289	667	1,956	3. Distributaries ...	386	...	386
6. Other Canal Produce ...	2,148	290	2,438	Total ...	16,240	10,495	26,735
8. Navigation ...	2	...	2	II.—MAINTENANCE AND REPAIRS.			
9. Rents of Buildings ...	3,173	747	3,920	1. Head Works ...	53,550	12,978	66,528
10. Fines ...	2,722	242	2,964	2. Main Canals and Branches ...	3,30,625	64,498	3,95,123
11. Miscellaneous receipts ...	33,088	7,106	40,194	3. Distributaries ...	38,888	8,661	42,549
Total ...	11,30,136	2,12,170	13,42,306	Total ...	4,18,063	86,137	5,04,200
				IV.—ESTABLISHMENT.			
				1 & 2. Direction and Accounts ...	17,765	78,781	2,82,418
				3. Executive ...	1,85,872		
				Total ...	2,03,637	78,781	2,82,418
				V.—TOOLS AND PLANT ...	5,693	2,077	7,770
				VI.—REFUNDS OF REVENUE	28,291	149	28,440
				Total ...	6,71,924	1,77,639	3,49,563
II.—INDIRECT RECEIPTS.				Share of Collection Charges in the Civil Department ...	55,388	10,460	65,848
Irrigation share of Land Revenue collected in the Civil Department ...	...	...	...	Indirect Charges debitable to Revenue Account as per Account No. 5 ...	28,507	11,029	39,536
Total, Receipts ...	11,30,136	2,12,170	13,42,306	Total, Charges ...	7,55,819	1,99,128	9,54,947
				Balance Net Revenue ...	3,74,317	13,042	3,87,359
Grand Total ...	11,30,136	2,12,170	13,42,306	Grand Total ...	11,30,136	2,12,170	13,42,306

N. B.—Construction Estimate closed on 31st March 1918. vide Government Order No. A-1—3470, dated 28th March 1916.
 Note.—Less of revenue due to concessions granted for wheat cultivation during the Rabi season 1916-17, vide Government Resolution No. A. 1.—12327, dated 18th December 1917, Rs. 31,760.

IRRIGATION BRANCH.

BOMBAY PRESIDENCY

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1918-1919.

35.—PROTECTIVE IRRIGATION WORKS.

GODA'VARI CANAL.

CANAL PROJECT.

No. 4.—Interest Account for, and to end of, 1918-1919.

	Amount.			Amount.	
	Rs.			Rs.	
Total interest charges to end of 1917-1918	23,81,868		Net revenue realized to end of 1917-1918	3,74,317	
Interest charges for the year 1918-1919.	3,33,626		Net revenue realized during 1918-1919.	13,042	
				3,87,359	
			Balance net Interest charges ...	23,28,129	
Total ...	27,15,488		Total ...	27,15,488	

No. 5.—Account of Indirect Charges for, and to end of, 1918-1919.

Particulars.	Previous.	1918-1919.	Total.
	Rs.	Rs.	Rs.
CAPITAL—			
1. Capitalized abatement of Land Revenue	3,09,134	259	3,09,393
2. Leave and Pension Allowances	1,81,184	1,139	1,82,323
Total ...	4,90,318	1,398	4,91,716
REVENUE—			
2. Leave and Pension Allowances	28,507	11,029	39,536

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 Capital sanctions.	Total.	Charges to date.	Amount of sanctioned Estimate.	Unspent balance of Estimate.		
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
DIRECT CHARGES.								
Works ...	78,92,733	11,706	79,04,439	1,74,535	2,34,142	59,307	80,78,974	
Establishment ...	12,40,613	2,367	12,42,980	59,346	46,745	12,601	13,02,326	
Tools and Plant ...	2,21,997	183	2,22,180	1,005	3,219	1,614	2,23,785	
Suspense Accounts.	2,245	...	2,245	—2,245	...	2,245	...	
Total ...	93,57,588	14,256	93,71,844	2,33,241	2,84,106	50,865	96,05,085	
Less—Receipts on Capital Account...	2,026	...	2,026	...	...	...	2,026	
Net Total ...	93,55,562	14,256	93,69,818	2,33,241	2,84,106	50,865	94,03,059	
INDIRECT CHARGES.								
Capitalized abatement of Land Revenue ...	3,07,005	...	3,07,005	2,388	5,832	3,444	3,09,393	
Leave and Pension Allowances ...	1,73,684	331	1,74,015	8,308	6,545	1,763	1,82,323	
Total ...	4,80,689	331	4,81,020	10,696	12,377	1,681	4,91,716	
Grand Total ...	98,36,251	14,587	98,50,838	2,43,937	2,96,483	52,546	1,00,94,775	

Rs.

2,00,549

14,747

4,641

1,903

75,184

2,00,483

Total ...

Extract paragraph I of Government of India (Public Works Department) letter No. 694-I, dated 31st October 1917, communicated under Government Memorandum (Public Works Department) No. I-109, dated 6th January 1918

Government Resolution (Public Works Department) No. W.L. 11236, dated 21st November 1917

Government Resolution (Public Works Department) No. W.L. 5698, dated 18th May 1918

Government Resolution (Public Works Department) No. W.L. 10381, dated 24th August 1918

Government Resolution (Public Works Department) No. W.L. 2327, dated 18th March 1919

IRRIGATION BRANCH.

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1918-1919.

35.—PROTECTIVE IRRIGATION WORKS.

NIRA CANAL INCLUDING SHETPHAL TANK.

CANAL PROJECT.

No. 2.—Capital Account for, and to end of, 1918-1919.

Heads of Account.	DIRECT CHARGES.			Cost of construction as now estimated. (Construction estimate closed on 31st March 1906.	Expenditure against closed estimates.
	Previous.	1918-1919.	Total.		
	Rs.	Rs.	Rs.	Rs.	Rs.
I.—WORKS.					
(1)—Head Works.					
A. Preliminary Expenses	12,512	...	12,512	12,512	12,512
B. Land	2,23,024	...	2,23,024	2,23,024	2,23,024
C. Works	18,63,213	...	18,63,213	18,63,213	18,63,213
K. Buildings	13,283	...	13,283	13,283	13,283
M. Plantations	7,053	...	7,053	7,053	7,053
O. Miscellaneous	1,547	...	1,547	1,547	1,547
P. Maintenance	3,571	...	3,571	3,571	3,571
Total, Head Works	21,24,203	...	21,24,203	21,24,203	21,24,203
(2)—Main Canals and Branches.					
A. Preliminary Expenses	43,346	7,817	51,163	79,035	22,107
B. Land	34,145	...	34,145	34,145	34,145
D. Regulators	20,697	...	20,697	20,697	20,697
F. River and Hill Torrent Works... ..	5,14,067	...	5,14,067	5,14,067	5,14,067
G. Bridges	53,443	...	53,443	53,443	53,443
K. Buildings	51,188	...	51,188	51,188	51,188
L. Earth-work	12,10,554	...	12,10,554	12,10,554	12,10,554
M. Plantations	6,928	...	6,928	6,928	6,928
N. Tanks and Reservoirs	5,58,005	...	5,58,005	5,58,005	5,58,005
O. Miscellaneous	4,027	...	4,027	4,027	4,027
P. Maintenance	11,167	...	11,167	11,167	11,167
Total, Main Canals and Branches	25,07,567	7,817	25,15,384	25,43,256	24,86,328
Carried over	46,31,770	7,817	46,39,587	46,67,459	46,10,531

IRRIGATION BRANCH.

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1918-1919.

35.—PROTECTIVE IRRIGATION WORKS.

NIRA CANAL, INCLUDING SHETPHAL TANK.

CANAL PROJECT.

No. 2.—Capital Account for, and to end of, 1918-1919—continued.

Heads of Account.	DIRECT CHARGES.			Cost of construction as now estimated (Construction estimates closed on 31st March 1908).	Expenditure against closed estimates.
	Previous.	1918-1919.	Total.		
Brought forward ...	Rs. 46,31,770	Rs. 7,817	Rs. 46,39,587	Rs. 46,67,450	Rs. 46,10,531
I.—WORKS—continued.					
(8)—Distributaries.					
A. Preliminary Expenses ...	3,493	...	3,493	3,493	3,493
B. Land ...	12,192	...	12,192	12,192	12,192
C. Works ...	98,599	...	98,599	98,599	98,599
L. Earth-work ...	93,077	...	93,077	93,077	93,077
M. Plantations ...	8,715	...	8,715	8,715	8,715
Total Distributaries ...	2,16,076	...	2,16,076	2,16,076	2,16,076
Total, I.—Works ...	48,47,846	7,817	48,55,663	48,83,535	48,26,607
II.—ESTABLISHMENT.					
1 & 2. Direction and Accounts ...	3,02,184	1,891	11,00,849	11,74,461	11,58,609
3. Executive ...	7,96,774				
4. Medical ...	11,004				
5. Special Survey... ..	77,065				
Total, Establishment ...	11,87,027	1,891	11,88,918	11,74,461	11,58,609
III.—Tools and Plant ...	1,32,767	168	1,32,935	1,24,071	1,23,018
IV.—Suspense Accounts ...	...	103	103	...	...
Grand Total ...	61,67,640	9,979	61,77,619	61,82,087	61,08,229
V.—Less Receipts on Capital Account ...	8,382	...	8,382	8,382	8,382
Net Outlay ...	61,53,258	9,979	61,69,237	61,73,665	60,99,847
Apportionment.					
Chargeable to 35.—Construction of Protective Irrigation Works ...	53,37,605	9,979	53,47,584	53,52,032	52,78,194
Do. 43.—Minor Works and Navigation ...	8,21,653	...	8,21,653	8,21,653	8,21,653
Total ...	61,59,258	9,979	61,69,237	61,73,665	60,99,847

IRRIGATION BRANCH.

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1918-1919.

35.—PROTECTIVE IRRIGATION WORKS.

NIRA CANAL, INCLUDING SHETPHAL TANK.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1918-1919.

Receipts.	Total.			Charges.	Total.		
	Previous.	1918-1919.	Total.		Previous.	1918-1919.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
I.—DIRECT RECEIPTS				I.—EXTENSIONS AND IMPROVEMENTS.			
1. Water-rates from Irrigation ...	72,44,027	2,09,046	74,53,073	1. Head Works ...	19,574	2,887	21,961
3. Sales of water ...	2,590	59	2,649	2. Main Canals and Branches ...	62,672	6,191	68,803
4. Water-supply of towns ...	1	6	7	3. Distributaries ...	23,602	1,187	24,789
5. Plantations ...	65,261	837	66,098	4. Drainage and Protective Works ...	4,737	...	4,737
6. Other canal produce ...	11,714	3,302	15,016	Total ...	1,10,585	9,705	1,20,290
8. Navigation ...	30	...	30				
9. Rents of buildings ...	8,485	395	8,880	II.—MAINTENANCE AND REPAIRS.			
10. Fines ...	7,492	204	7,696	1. Head Works ...	1,50,072	12,070	1,62,142
11. Miscellaneous receipts ...	49,416	2,356	51,772	2. Main Canals and Branches ...	5,90,131	33,995	6,24,126
Total ...	73,89,016	2,16,205	76,05,221	3. Distributaries ...	1,73,274	5,819	1,79,093
				4. Drainage and Protective Works ...	983	...	983
II.—INDIRECT RECEIPTS.				Total ...	9,14,460	51,884	9,66,344
Irrigation share of Land Revenue collected in the Civil Department ...	...	...	...	
Total, Receipts ...	73,89,016	2,16,205	76,05,221	III.—COMPENSATION ...	5	...	5
				IV.—ESTABLISHMENT.			
				1 & 2. Direction and Accounts ...	75,696	44,739	9,60,119
				3. Executive ...	8,85,960		
				4. Medical ...	3,724		
				Total ...	9,15,380	44,739	9,60,119
				V.—TOOLS AND PLANT ...	40,609	1,324	41,933
Carried over ...	73,89,016	2,16,205	76,05,221	Carried over ...	19,81,039	1,07,652	20,88,691

IRRIGATION BRANCH.

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1918-1919.

35.—PROTECTIVE IRRIGATION WORKS.

NIRA CANAL, INCLUDING SHETPHAL TANK.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1918-1919.

Receipts.	Total.			Charges.	Total.		
	Previous.	1918-1919.	Total.		Previous.	1918-1919.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
Brought over ...	73,89,016	2,16,205	76,05,221	Brought over ...	19,81,039	1,07,652	20,88,691
				VI.—REFUNDS OF REVENUE ...	13,737	17	13,754
				Total ...	19,94,776	1,07,669	21,02,445
				Share of Collection Charges in the Civil Department ...	3,62,554	10,463	3,73,017
				Indirect Charges debitable to Revenue Account as per Account No. 5 ...	1,28,153	6,263	1,34,416
				Total Charges ...	24,85,483	1,24,395	26,09,878
				Balance Net Revenue ...	49,03,538	91,810	49,95,348
Grand Total ...	73,89,016	2,16,205	76,05,221	Grand Total ...	73,89,016	2,16,205	76,05,221

N.B.—Construction Estimate of the Nira Canal closed on 31st March 1899—vide Government Resolution No. 1847, dated 2nd April 1900.
Construction Estimate of the Shetphal Tank closed on 31st March 1906—vide Government Resolution No. 2434, dated 2nd October 1905.

Completion Report approved in Government Resolution No. 2367, dated 3rd December 1907.

Note.—Loss of revenue due to concessions granted for wheat cultivation during the Rabi Season 1918-17—vide Government Resolution No. A. L.—12327, dated 18th December 1917—Rs. 7,305.

No. 4.—Interest Account for, and to end of, 1918-1919.

	Amount.		Amount.
	Rs.		Rs.
Total interest charges to end of 1917-18.	71,51,361	Net revenue realized to end of 1917-18.	49,03,538
		Do. during 1918-19.	91,810
Interest charges for the year 1918-19...	2,14,627		49,95,348
		Balance net Interest charges ...	23,70,645
Total ...	73,65,988	Total ...	73,65,988

No. 5.—Account of Indirect Charges for, and to end of, 1918-1919.

Particulars.	Previous.	1918-1919.	Total.
	Rs.	Rs.	Rs.
CAPITAL—			
1. Capitalized abatement of Land Revenue	1,84,874	.....	1,84,874
2. Leave and Pension Allowances ...	1,83,457	265	1,83,722
Total ...	3,68,331	265	3,68,596
REVENUE—			
2. Leave and Pension Allowances ...	1,28,153	6,263	1,34,416

IRRIGATION BRANCH.

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1918-1919.

35.—PROTECTIVE IRRIGATION WORKS.

NIRA CANAL INCLUDING SHETPHAL TANK.

CANAL PROJECT.

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 Capital sanctions.	Total.	Charges to date.	Amount of sanctioned Estimate.	Unspent balance of Estimate.		
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
DIRECT CHARGES:								
Works ...	47,68,387	58,220	48,26,607	29,056	56,928	27,872	48,55,663	
Establishment ...	11,46,855	11,754	11,58,609	30,309	15,852	—14,457	11,88,918	
Tools and Plant ...	1,26,141	—3,128	1,23,013	9,922	1,058	—8,864	1,32,935	
Suspense Accounts ...	...	...	...	103	...	—103	103	
Total ...	60,41,383	66,846	61,08,229	69,390	73,838	4,448	61,77,619	
Less—Receipts on Capital Account ...	8,382	...	8,382	...	...	...	8,382	
Net Total ...	60,33,001	66,846	60,99,847	69,390	73,838	4,448	61,69,237	
INDIRECT CHARGES.								
Capitalized abatement of Land Revenue ...	1,83,159	1,715	1,84,874	...	1,350	1,350	1,84,874	
Leave and Pension Allowances ...	1,77,833	1,646	1,79,479	4,243	2,219	—2,024	1,83,722	
Total ...	3,60,992	3,361	3,64,353	4,243	3,569	—674	3,68,596	
Grand Total ...	63,93,993	70,207	64,64,200	73,633	77,407	3,774	65,37,833	

Government Order (Public Works Department), No. 6828, dated 9th July 1917 5,591
 Government Order (Public Works Department), No. 5370, dated 21st May 1918 25,883
 Government Order (Public Works Department), No. 4915, dated 8th May 1918 5,758
 Government Order (Public Works Department), No. 5142, dated 14th May 1918 2,583
 Government Order (Public Works Department), No. 899, dated 13th September 1918 509
 Government Order (Public Works Department), No. 1802, dated 14th February 1919 17,273
 Government Order (Public Works Department), No. 659, dated 25th March 1919 14,178
 Government Order (Public Works Department), No. 4449, dated 14th April 1919 5,352

Total ... 77,407

IRRIGATION BRANCH.

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1918-1919.

35.—PROTECTIVE IRRIGATION WORKS.

MHASWAD TANK.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1918-1919.

Receipts.	Total.			Charges.	Total.		
	Previous.	1918-1919.	Total.		Previous.	1918-1919.	Total.
I.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.	I.—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.
1. Water-rates from Irrigation ...	7,54,971	{ 23,910 (*) 164 }	7,79,045	1. Head Works ...	18,401	1,756	20,157
3. Sales of water ...	616	34	650	2. Main Canals and Branches ...	2,048	630	2,678
4. Water-supply of towns.	29,816	...	29,846	3. Distributaries ...	2,380	...	2,360
5. Plantations ...	26,696	{ 1,269 }	29,200	Total ...	22,809	2,386	25,195
6. Other canal produce ...		{ 1,235 }		II.—MAINTENANCE AND REPAIRS.			
9. Rents of buildings.	1,279	30	1,309	1. Head Works ...	54,888	649	55,537
10. Fines ...	185	...	185	2. Main Canals and Branches ...	1,11,118	3,656	1,14,774
11. Miscellaneous receipts ...	35,676	4,109	39,785	3. Distributaries ...	67,900	3,078	70,978
Total ...	8,49,269	30,751	8,80,020	Total ...	2,38,906	7,383	2,41,289
II.—INDIRECT RECEIPTS.				III.—COMPENSATION ...	75	...	75
Irrigation share of Land Revenue collected in the Civil Department.	...	...	...	IV.—ESTABLISHMENT.			
				1 & 2. Direction and Accounts ...	23,619	8,848	2,02,561
				3. Executive ...	1,70,028		
				4. Medical ...	66		
Total Receipts ...	8,49,269	30,751	8,80,020	Total ...	1,93,713	8,848	2,02,561
Carried over ...	8,49,269	30,751	8,80,020	V.—TOOLS AND PLANT ...	5,687	210	5,897
				Carried over ...	4,56,190	18,827	4,75,017

*Includes Rs.—15 adjusted by Journal entry, second batch.

IRRIGATION BRANCH.

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.
ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1918-1919.

35.—PROTECTIVE IRRIGATION WORKS.

MHASWAD TANK.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1918-1919.

Receipts.	Total.			Charges.	Total.		
	Previous.	1918-1919.	Total.		Previous.	1918-1919.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
Brought forward ...	8,49,269	30,751	8,80,020	Brought forward ...	4,56,190	18,827	4,75,017
				VI.—REFUNDS OF RE- VENUE ...	348	...	348
				Total ...	4,56,538	18,827	4,75,365
				Share of Collection Charges in the Civil Department ...	39,195	{ 1,154 (a) 164 }	40,513
				Indirect Charges debit- able to Revenue Ac- count as per Account No. 5 ...	27,177	1,238	28,416
				Total Charges ...	5,22,910	21,384	5,44,294
				Balance Net Revenue ...	3,26,359	9,367	3,35,726
Grand Total ...	8,49,269	30,751	8,80,020	Grand Total ...	8,49,269	30,751	8,80,020

N.B.—Last Capital Account detailed in the Administrative Accounts for 1906-1907.

Construction Estimate closed on 31st March 1901, vide Government Resolution No. 1197, dated 10th June 1901.

Completion Report approved in Government Resolution No. 1106, dated 22nd April 1903.

(a) Amount adjusted by credit to Water rates and debit *per contra* on account of collection charges for the revenue realized by the Aurudh State.

Note.—Loss of revenue due to concessions granted for wheat cultivation during the Rabi season 1916-17, vide Government Resolution No. A. I. 12327, dated 18th December 1917—Rs. 2494.

No. 4.—Interest Account for, and to end of, 1918-1919.

	Amount.		Amount.
	Rs.		Rs.
Total Interest charges to end of 1917-1918 ...	26,67,197	Net revenue realized to end of 1917-1918. Do. during 1918-1919.	3,26,359 9,367
Interest charges for the year 1918-1919.	69,829	Balance net interest charges ...	3,35,726 24,01,300
Total ...	27,37,026	Total ...	27,37,026

No. 5.—Account of Indirect Charges for, and to end of, 1918-1919.

Particulars.	Previous.	1918-1919.	Total.
	Rs.	Rs.	Rs.
REVENUE—			
1. Capitalized abatement of Land Revenue ...	58	.....	58
2. Leave and Pension Allowances ...	27,119	1,239	28,358
Total ...	27,177	1,239	28,416

IRRIGATION BRANCH

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.
ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1918-1919.

35.—PROTECTIVE IRRIGATION WORKS.

MA'LA'DEVI TANK.

TANK PROJECT.

No. 4.—Interest Account for, and to end of, 1918-1919.

	Amount		Amount
	Rs.		Rs.
Total interest charges to end of 1917-1918...	2,11,339	Net Revenue realized to end of 1917-1918...	.....
		Do. during 1918-1919 ..	.....
Interest charges for the year 1918-1919 ...	10,516	Balance net interest charges ...	2,21,855
Total ...	2,21,855	Total ...	2,21,855

No. 5.—Account of Indirect Charges for, and to end of, 1918-1919.

Particulars.	Previous.	1918-1919.	Total
	Rs.	Rs.	Rs.
CAPITAL—			
1. Capitalized abatement of Land Revenue ...	875	.....	875
2. Leave and Pension Allowances ...	9,013	.....	9,013
Total ...	9,888	.....	9,888

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 Capital Sanctions.	Total.	Charges to date.	Amount of sanctioned Estimate.	Unspent balance of Estimate.		
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
DIRECT CHARGES.								
Works	2,42,869	2,43,319	450	2,42,869	
Establishment	60,546	60,553	107	60,546	
Tools and Plant...	1,473	1,473	...	1,473	
Suspense Accounts	
Total	3,04,888	3,05,445	557	3,04,888	
Less—Receiptson Capital Account.	2,848	774	—2,074	2,848	
Net Total	3,02,040	3,04,671	2,631	3,02,040	
INDIRECT CHARGES.								
Capitalized abatement of Land Revenue	875	875	...	875	
Leave and Pension Allowances	9,013	9,028	15	9,013	
Total	9,888	9,903	15	9,888	
Grand Total	3,11,928	3,14,574	2,646	3,11,928	

This work is a part of the Pravara River Irrigation Project, but separate account has been maintained until the new project is completed sufficiently to give an increased supply of water to the other canals—vide Government of India's No. 1951-1, dated 18th September 1908, communicated in Government Resolution No. 2721 of 20th October 1908.

Estimate amounting to Rs. 3,14,574 for direct and indirect charges included in the above project sanctioned in the Secretary of State's Despatch No. 37-P. W., dated 21st August 1917, communicated in Government of India's No. 613-L of 10th November 1917—vide Government Resolution No. 8548 of 4th April 1918—has been shown here.

IRRIGATION BRANCH.

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1918-1919.

35.—PROTECTIVE IRRIGATION WORKS.

BUDDHIAL TANK.

TANK PROJECT.

No. 2.—Capital Account for, and to end of, 1918-1919.

Heads of Account.	DIRECT CHARGES.			Cost of construction as now estimated.	Expenditure against closed estimates.
	Previous.	1918-1919.	Total.		
	Rs.	Rs.	Rs.	Rs.	Rs.
I.—WORKS.					
<i>(1)—Head Works.</i>					
A. Preliminary Expenses	836	...	836	1,600	...
B. Land	8,174	...	8,174	30,204	...
C. Masonry Works	45,988	...	45,988	1,50,393	...
K. Buildings	5,696	...	5,696	5,696	...
L. Earth-work	3,28,697	...	3,28,697	7,62,720	...
O. Miscellaneous	5,043	...	5,043	7,707	...
P. Maintenance	3,988	335	4,323	4,651	...
Total, Head Works	3,98,422	335	3,98,757	9,62,971	...
<i>(2)—Main Canals and Branches.</i>					
Total, Main Canals and Branches ... ..	...	...	...	*1,66,500	...
Total, I.—Works	3,98,422	335	3,98,757	11,29,471	...
II.—ESTABLISHMENT.					
1 & 2. Direction and Accounts	19,476	39	89,656	54,973	...
3. Executive	70,141			1,97,617	...
Total, II.—Establishment	89,617	39	89,656	2,52,590	...
III.—TOOLS AND PLANT					
... ..	5,081	10	5,041	16,468	...
Grand Total	4,93,070	384	4,93,454	13,98,529	...
V.—Less—Receipts on Capital Account	1,780	211	1,991	...	...
Net Outlay	4,91,290	173	4,91,463	13,98,529	...
APPORTIONMENT.					
Chargeable to 35.—Construction of Protective Irrigation Works	36,419	173	36,592	13,98,529	...
Do. 43.—Minor Works and Navigation	29,588	...	29,588		
Do. 33.—Famine Relief	4,25,283	...	4,25,283		
Total	4,91,290	173	4,91,463	13,98,529	...

* Lump sum provision in the Estimate.

IRRIGATION BRANCH.

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1918-1919.

35.—PROTECTIVE IRRIGATION WORKS.

BUDDHIAL TANK.

TANK PROJECT.

No. 4.—Interest Account for, and to end of, 1918-1919.

	Amount.			Amount.	
	Rs.			Rs.	
Total interest charges to end of 1917-1918 ...	2,17,554		Net Revenue realized to end of 1917-1918 ...	.....
			Do. during 1918-1919...	.....
Interest charges for the year 1918-1919 ...	17,109		Balance net interest charges ...	2,34,663	
Total ...	2,34,663		Total ...	2,34,663	

No. 5.—Account of Indirect Charges for, and to end of, 1918-1919.

Particulars.			Previous.	1918-1919.	Total.
			Rs.	Rs.	Rs.
CAPITAL—					
1. Capitalized abatement of Land Revenue ...	...	...	5,741	.....	5,741
2. Leave and Pension Allowances ...	...	...	12,547	5	12,552
Total ...			18,288	5	18,293

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 Capital Sanctions.	Total.	Charges to date.	Amount of sanctioned Estimate.	Unspent balance of Estimate.		
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
DIRECT CHARGES.								
Works	3,98,757	11,29,471	7,30,714	3,98,757	Estimate sanctioned in the Secretary of State's Despatch No. 21 of 14th April 1905, as per Government of India's No. 793—I of 17th June 1906, communicated in Government Resolution No. 2002 of 1st August 1905.
Establishment ...	...	...	...	89,656	2,52,590	1,62,934	89,656
Tools and Plant ...	...	...	...	5,041	16,468	11,427	5,041
Total ...	...	...	...	4,93,454	13,98,529	9,05,075	4,93,454
Less—Receipts on Capital Account.	...	...	...	1,991	...	—1,991	1,991
Net Total ...	...	...	...	4,91,463	13,98,529	9,07,066	4,91,463
INDIRECT CHARGES								
Capitalized abatement of Land Revenue ...	...	...	...	5,741	20,720	14,979	5,741
Leave and Pension Allowances ...	...	...	...	12,552	35,362	22,810	12,552
Total ...	...	...	...	18,293	56,082	37,789	18,293
Grand Total ...	...	...	...	5,09,756	14,54,611	9,44,855	5,09,756

IRRIGATION BRANCH.

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.
ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1918-1919.

35.—PROTECTIVE IRRIGATION WORKS.

NIBA RIGHT BANK CANAL.

CANAL PROJECT.

No. 2.—Capital Account for, and to end of, 1918-1919.

Heads of Account.	DIRECT CHARGES.			Cost of construction as now estimated.	Expenditure against close estimates.
	Previous.	1918-1919.	Total.		
I.—WORKS.	Rs.	Rs.	Rs.	Rs.	Rs.
(1)—Head Works.					
A. Preliminary Expenses ...	39,876	...	39,876	20,000	.....
B. Land ...	32,364	—843	31,521	3,59,630	.....
C. Works ...	32,80,189	7,22,797	40,02,986	68,58,647	.....
K. Buildings ...	90,876	280	91,156	95,391	.....
O. Miscellaneous ...	55,974	3,496	59,470	79,231	.....
P. Maintenance ...	49,980	10,284	60,264	60,552	.....
Total, Head Works ...	35,49,259	7,36,014	42,85,273	74,73,451	.....
(2)—Main Canals and Branches.					
A. Preliminary Expenses ...	2,23,635	6,630	2,30,265	1,84,517	.....
B. Land ...	1,66,587	2,854	1,69,441	2,03,625	.....
D. Regulators ...	.....	62	62	1,68,981	.....
F. River and Hill Torrent Works... {	5,84,001	2,97,409	8,68,028	23,86,367	.....
	—13,382*				.....
G. Bridges ...	88,969	27,941	1,16,910	1,98,572	.....
H. Escapes ...	1,243	...	1,243	1,050	.....
K. Buildings ...	1,88,159	15,738	2,03,897	2,55,500	.....
L. Earth-work ... {	52,71,386	2,61,355	54,41,287	63,43,621	.....
	—91,454*				.....
M. Plantations ...	26,323	8,677	35,000	35,000	.....
O. Miscellaneous ...	15,687	268	15,955	4,169	.....
P. Maintenance ...	31,480	10,623	42,103	90,000	.....
Total, Main Canals and Branches ...	64,92,634	6,31,557	71,24,191	98,71,402	.....
(3)—Distributaries.					
A. Preliminary Expenses ..	45,557	16,377	61,934	5,910	.....
B. Land ...	.....	...	.....	1,47,480	.....
C. Works ...	4,651	...	4,651	27,94,027	.....
Total, Distributaries ...	50,208	16,377	66,585	29,47,417	.....
(5)—Special Tools and Plant.	1,04,836*	12,862	1,17,698	.....	.....
Total, I.—Works ...	1,01,96,937	13,96,810	1,15,93,747	2,02,92,270	.....
II.—ESTABLISHMENT.					
1 & 2. Direction and Accounts ...	3,26,296				.....
3. Executive ...	12,23,270		18,87,583	43,54,327	.....
Total, II.—Establishment ...	15,49,566	3,38,017	18,87,583	43,54,327	.....
III.—TOOLS AND PLANT ...	5,91,803	30,027	6,21,830	3,25,271	.....
IV.—Suspense Accounts ...	1,28,510	39,124	1,67,634	.....	.....
Grand Total ...	1,24,66,816	18,03,978	1,42,70,794	2,49,71,868	.....
V.—Less—Receipts on Capital Account	9,840	2,257	12,097	.....	.....
Net Outlay ...	1,24,56,976	18,01,721	1,42,58,697	2,49,71,868	.....
APPORTIONMENT.					
Chargeable to 35.—Construction of Protective Irrigation Works ...	1,24,56,976	18,01,721	1,42,58,697	2,49,71,868	.....

IRRIGATION BRANCH.

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1918-1919.

35.—PROTECTIVE IRRIGATION WORKS.

NIRA RIGHT BANK CANAL.

CANAL PROJECT.

No. 4.—Interest Account for, and to end of, 1918-1919.

	Amount.		Amount.
	Rs.		Rs.
Total Interest charges to end of 1917-18.	12,58,765	Net Revenue realized to end of 1917-18.	.....
Interest charges for the year 1918-19 ...	4,65,093	Net Revenue realized during 1918-19	.....
		Balance net Interest charges ...	.....
Total ...	17,23,858	Total ...	17,23,858

No. 5.—Account of Indirect Charges for, and to end of, 1918-1919.

Particulars.	Previous.	1918-1919.	Total.
	Rs.	Rs.	Rs.
CAPITAL—			
1. Capitalized abatement of Land Revenue ...	58,141	2,000	60,141
2. Leave and Pension Allowances ...	2,16,939	47,323	2,64,262
Total ...	2,75,080	49,323	3,24,403

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 Capital sanctions.	Total.	Charges to date.	Amount of sanctioned Estimate.	Unspent balance of Estimate.		
DIRECT CHARGES.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
Works	1,15,93,747	2,02,92,270	86,98,523	1,15,93,747	
Establishment	18,87,583	43,54,327	24,66,743	18,87,588	
Tools and Plant	6,21,830	3,25,271	—2,96,559	6,21,830	
Suspense Accounts	1,67,634	...	—1,67,634	1,67,634	
Total	1,42,70,794	2,49,71,868	1,07,01,073	1,42,70,794	
Less—Receipts on Capital Account	12,097	...	—12,097	12,097	
Net Total	1,42,58,697	2,49,71,868	1,07,13,170	1,42,58,697	
INDIRECT CHARGES.								
Capitalized abatement of Land Revenue	60,141	1,91,025	1,30,884	60,141	
Leave and Pension Allowances	2,64,262	6,09,606	3,45,344	2,64,262	
Total	3,24,403	8,00,631	4,76,228	3,24,403	
Grand Total	1,45,83,100	2,57,72,499	1,11,89,398	1,45,83,100	

N.B.—From the sanctioned provision of works Rs. 41,293 have been transferred to that of Tools and Plant—*vide* Government Resolution No. A. I.—1986, dated 17th February 1915, and No. A. L.—5435, dated 26th April 1916.

Estimate sanctioned in Secretary of State's Despatch No. P. W-30, dated 14th June 1912—*vide* Government of India's No. 697-L, dated 16th July 1912, communicated in Government Resolution No. 7036, dated 31st August 1912.

IRRIGATION BRANCH.

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1918-1919.

49.—IRRIGATION WORKS.

DESERT CANAL.

CANAL PROJECT.

No. 2.—Capital Account for, and to end of, 1918-1919.

Heads of Account.	DIRECT CHARGES.			Cost of Construction as now estimated. (Construction Estimate closed on 31st March 1892.)	Expenditure against closed estimates.
	Previous.	1918-1919.	Total.		
I.—WORKS.	Rs.	Rs.	Rs.	Rs.	Rs.
(1)—Head Works.					
C. Works	63,481	...	63,481	63,481	63,481
K. Buildings	3,620	...	3,620	3,620	3,620
Total, Head Works ...	67,101	...	67,101	67,101	67,101
(2)—Main Canals and Branches.					
A. Preliminary Expenses ...	1,425	...	1,425	1,425	1,425
B. Land	2,095	...	2,095	2,095	2,095
D. Regulators	1,29,607	4,495	1,34,102	1,33,621	1,29,125
E. Falls and Weirs	75,450	...	75,450	75,450	75,450
F. River and Hill Torrent Works ...	3	...	3	3	3
G. Bridges	79,136	...	79,136	79,136	79,136
H. Escapes	15,835	...	15,835	15,835	15,835
I. Navigation Works	6,665	...	6,665	6,665	6,665
K. Buildings	72,274	...	72,274	72,274	72,274
L. Earth-work	14,50,445	6,456	14,56,901	14,57,360	14,50,445
M. Plantations	1,507	...	1,507	1,507	1,507
O. Miscellaneous	15,117	...	15,117	15,117	15,117
P. Maintenance	6,908	...	6,908	6,908	6,908
Total, Main Canals and Branches ...	18,56,467	10,951	18,67,418	18,67,396	18,55,985
(3)—Distributaries.					
A. Preliminary Expenses	50	...	50	50	50
B. Land	313	...	313	313	313
C. Works	1,03,320	306	1,03,626	1,03,665	1,03,320
L. Earth-work	1,05,205	...	1,05,205	1,05,205	1,05,205
Total Distributaries ...	2,08,888	306	2,09,194	2,09,233	2,08,888
Total, I.—Works ...	21,32,456	11,257	21,43,713	21,43,730	21,31,974
II.—ESTABLISHMENT.					
1 & 2. Direction and Accounts ...	1,11,567	} 2,327	4,85,706	4,85,803	{ 1,11,545
3. Executive	3,71,812				
Total Establishment ...	4,83,379	2,327	4,85,706	4,85,803	4,83,275
III.—TOOLS AND PLANT	25,679	—256	25,423	25,855	25,679
IV.—SUSPENSE ACCOUNTS ... ..	.....	...	.....	.....	.....
Grand Total ...	26,41,514	13,328	26,54,842	26,55,888	26,40,923
V.—Less—Receipts on Capital Account ...	37	...	37	37	37
Net Outlay ...	26,41,477	13,328	26,54,805	26,55,851	26,40,891
Apportionment.					
Chargeable to 49—Irrigation ...	19,36,029	13,328	19,49,357	19,49,903	19,35,443
Chargeable to 43.—Minor Works and Navigation ...	7,05,448	...	7,05,448	7,05,448	7,05,448
Total ...	26,41,477	13,328	26,54,805	26,55,851	26,40,891

IRRIGATION BRANCH.

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1918-1919.

49.—IRRIGATION WORKS.

DESERT CANAL.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of 1918-1919.

Receipts.	Total.			Charges.	Total.		
	Previ us.	1918-1919.	Total.		Previous.	1918-1919.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
I.—DIRECT RECEIPTS.				I.—EXTENSIONS AND IMPROVEMENTS.			
1. Water-rates from Irrigation ...	20,39,038	64,956	21,03,994	1. Head Works ...	4,789	2,950	7,739
5. Plantations ...		61		2. Main Canals and Branches ...	1,95,865	...	1,95,865
6. Other canal produce ...	7,086	693	7,840	3. Distributaries ...	48,290	...	48,290
9. Rents of buildings ...	10,045	319	10,364	Total ...	2,48,953	2,950	2,51,903
10. Fines ...	17,931	1,931	19,862				
11. Miscellaneous receipts ...	23,492	1,229	24,721	II.—MAINTENANCE AND REPAIRS.			
Total ...	20,97,592	69,189	21,66,781	1. Head Works ...	43,743	...	43,743
II.—INDIRECT RECEIPTS.				2. Main Canals and Branches ...	23,04,709	58,607	23,63,316
Irrigation share of Land Revenue collected in the Civil Department.	69,08,583	1,94,982	71,03,565	3. Distributaries ...	41,270	...	41,270
Four per cent. on $\frac{9}{10}$ ths of the proceeds from sales of occupancy rights per Government of India Nos. 53 & 58-A. I., dated, respectively, 20th June and 1st August 1889, communicated in Government Resolution No. 1209, dated 10th July, and No. 1913, dated 7th November 1889 ...	43,468	2,187	45,655	Total ...	23,89,722	58,607	24,48,329
Total ...	69,52,051	1,97,169	71,49,220	III.—COMPENSATION ...	279	...	279
Total Receipts ...	90,49,643	2,66,358	93,16,001	IV.—ESTABLISHMENT.			
				1 & 2. Direction and Accounts ...	1,15,566	26,223	5,63,768
				3. Executive ...	4,21,979		
				Total ...	5,37,545	26,223	5,63,768
				V.—TOOLS AND PLANT ...	25,809	-1,401	24,408
				VI.—REFUNDS OF REVENUE ...	7,245	...	7,245
				Total ...	32,09,553	86,379	32,95,932
<i>Note.</i> —Loss to the canal on account of difference between assessment of water-rates on Jaghirlands and also on lands in Baluchistan Territory, and assessment at the ordinary rates in force for Government lands noted here per Government of India Letter No. 233-I., dated 14th June 1889, communicated under Government Resolution No. 400, dated 11th August 1889:—				Share of Collection Charges in the Civil Department ...	4,96,765	11,870	5,08,635
To end of 1917-1918. 19,88,407				Indirect Charges debitable to Revenue Account as per Account No. 5 ...	83,060	3,682	86,742
Loss for 1918-1919... 56,837				Total Charges ...	37,89,878	1,01,931	38,91,809
Total ...20,46,744				Balance Net Revenue ...	52,60,265	1,64,427	54,24,692
Grand Total ...	90,49,643	2,66,358	93,16,001	Grand Total ...	90,49,643	2,66,358	93,16,001

N.B.—Construction Estimate closed on 31st March 1892—vide Government Resolution No. 1253, dated 28th July 1891. Completion Report approved in Government Resolution No. 1760, dated 10th November 89.

IRRIGATION BRANCH.

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1918-1919.

49.—IRRIGATION WORKS.

DESERT CANAL.

CANAL PROJECT.

No. 4.—Interest Account for, and to end of, 1918-1919.

	Amount.		Amount.
	Rs.		Rs.
Total Interest charges to end of 1917-1918 ...	26,69,882	Net Revenue realized to end of 1917-1918 ...	52,60,265
		Do. during 1918-1919 ...	1,64,427
Interest charges for the year 1918-1919 ...	92,203		54,24,692
		Balance net Interest charges ...	—26,62,607
Total ...	27,62,085	Total ...	27,62,085

No. 5.—Account of Indirect Charges for, and to end of, 1918-1919.

Particulars.				Total.	1918-1919.	Previous.
				Rs.	Rs.	Rs.
CAPITAL—						
1. Capitalized abatement of Land Revenue ...	...	...	...	2,284	...	2,284
2. Leave and Pension Allowances ...	...	...	...	77,396	326	77,722
			Total ...	79,680	326	80,006
REVENUE—						
1. Capitalized abatement of Land Revenue ...	...	...	...	5,767	11	5,778
2. Leave and Pension Allowances ...	...	...	...	77,293	3,671	80,964
			Total ...	83,060	3,682	86,742

IRRIGATION BRANCH

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1918-1919.

49.—IRRIGATION WORKS.

DESERT CANAL.

CANAL PROJECT.

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 Capital Sanctions.	Total.	Charges to date.	Amount of sanctioned Estimate.	Unspent balance of Estimate.		
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
DIRECT CHARGES.								
Works ...	9,86,127	11,45,847	21,31,974	11,739	11,756	17	21,43,713	
Establishment ...	2,20,523	2,62,752	4,83,275	2,431	2,528	97	4,85,706	
Tools and Plant ...	14,280	11,399	25,679	—256	176	432	25,423	
Total ...	12,20,930	14,19,998	26,40,928	13,914	14,460	546	26,54,842	
Less—Receipts on Capital Account ...	37	...	37	...	...	...	37	
Net Total ...	12,20,893	14,19,998	26,40,891	13,914	14,460	546	26,54,805	
INDIRECT CHARGES								
Capitalized Abatement of Land Revenue ...	...	2,284	2,284	...	...	...	2,284	
Leave and Pension Allowances ...	40,598	36,783	77,381	341	354	13	77,722	
Total ..	40,598	39,067	79,665	341	354	13	80,006	
Grand Total ...	12,61,491	14,59,065	27,20,556	14,255	14,814	559	27,34,811	

Government Order (Public Works Department), No. W.I.—3350 dated 25th March 1918.

IRRIGATION BRANCH

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1918-1919.

49.—IRRIGATION WORKS.

UNHARWA'H.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1918-1919.

Receipts.	Total.			Charges.	Total.		
	Previous.	1918-1919.	Total.		Previous.	1918-1919.	Total.
I.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.	L—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.
1. Water-rates from Irrigation ...	5,077	234	5,311	1. Head Works ...	76,109	3,191	79,300
4. Water-supply of towns ...	41	...	41	2. Main Canals and Branches ...	57,191	...	57,191
5. Plantations ...	2,619	28	2,802	3. Distributaries ...	7,467	...	7,467
6. Other canal produce.	103	155	103	Total ...	1,40,767	3,191	1,43,958
9. Rents of buildings.	9,322	660	9,982				
10. Fines ...	6,544	—296	6,248	II.—MAINTENANCE AND REPAIRS.			
11. Miscellaneous receipts ...				1. Head Works ...	337	...	387
Total ...	23,706	781	24,487	2. Main Canals and Branches ...	7,26,485	24,321	7,50,806
II.—INDIRECT RECEIPTS.				3. Distributaries ...	11,224	...	11,224
Irrigation share of Land Revenue collected in the Civil Department	40,91,997	1,17,685	42,09,682	Total ...	7,38,096	24,321	7,62,417
Four per cent. on ² / ₁₀ the of the proceeds from sales of occupancy rights per Government of India Nos. 53 and 58-A.I., dated, respectively, 20th June and 1st August 1889, communicated in Government Resolutions No. 1209, dated 10th July, and No. 1913, dated 7th November 1889 ...	68,571	3,035	71,606	III.—ESTABLISHMENT.			
Total ...	41,60,568	1,20,720	42,81,288	1 & 2. Direction and Accounts ...	38,174	11,720	1,56,342
Total Receipts ...	41,84,274	1,21,501	43,05,775	3. Executive ...	1,06,448		
Note.—Loss to the canal on account of difference between assessment of water-rates on Jaghir lands and assessment at the ordinary rates in force for Government lands noted here per Government of India Letter No. 233-L, dated 14th June 1883, communicated under Government Resolution No. 400, dated 11th August 1883.				Total ...	1,44,622	11,720	1,56,342
Rs.				IV.—TOOLS AND PLANT...	7,064	—626	6,438
To end of 1917-1918 ... 19,505				Total ...	10,30,549	38,606	10,69,155
Loss for 1918-1919 ... 606				Share of Collection Charges in the Civil Department ...	2,66,851	7,115	2,73,966
Total ... 20,010				Indirect Charges debitable to Revenue Account as per Account No. 5 ...	22,462	1,657	24,119
Grand Total ...	41,84,274	1,21,501	43,05,775	Total Charges ...	13,19,862	47,378	13,67,240
				Balance Net Revenue ...	28,64,412	74,123	29,38,535
				Grand Total ...	41,84,274	1,21,501	43,05,775

N.B.—Last Capital Account detailed in the Administrative Accounts for 1915-16. Construction Estimate closed on 31st March 1891—vide Government Resolution No. 1253, dated 28th July 1891. Completion Report approved in Government Resolution No. 590, dated 6th April 1892.

IRRIGATION BRANCH.

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1918-1919.

49.—IRRIGATION WORKS.

UNHARWA'H.

CANAL PROJECT.

No. 4.—Interest Account for, and to end of, 1918-1919.

	Amount.		Amount.
	Rs.		Rs.
Total Interest charges to end of 1917-1918 ...	7,05,104	Net Revenue realized to end of 1917-1918...	28,64,412
Interest charges for the year 1918-1919 ...	26,742	Do. during 1918-1919 ...	74,123
			29,38,535
		Balance net Interest charges ...	—22,06,689
Total ...	7,31,846	Total ...	7,31,846

No. 5.—Account of Indirect Charges for, and to end of, 1918-1919.

Particulars.	Previous.	1918-1919.	Total.
REVENUE—	Rs.	Rs.	Rs.
1. Capitalized abatement of Land Revenue ...	3,467	16	3,483
2. Leave and Pension Allowances ...	18,995	1,641	20,636
Total ...	22,462	1,657	24,119

IRRIGATION BRANCH.

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1918-1919.

49.—IRRIGATION WORKS.

BEGARI CANAL.

CANAL PROJECT.

No. 2.—Capital Account for, and to end of, 1918-1919.

Heads of Account.	DIRECT CHARGES.			Cost of construction as now estimated. (Construction estimate closed or 31st March 1891.)	Expenditure again st closed estimates.
	Previous.	1918-1919.	Total.		
	Rs.	Rs.	Rs.	Rs.	Rs.
I.—WORKS.					
(2)—Main Canals and Branches.					
B. Land	24,888	...	24,888	27,693	409
D. Regulators	3,57,038	...	3,57,038	3,57,039	2,98,290
G. Bridges	70,650	...	70,650	70,649	66,673
H. Escapes	7,092	...	7,092	7,092	7,092
I. Navigation Works	2,065	...	2,065	2,065	2,065
K. Buildings	35,779	...	35,779	35,778	22,690
L. Earth-work	10,59,759	...	10,59,759	10,59,759	9,64,207
M. Plantations	11,455	...	11,455	11,455	11,266
O. Miscellaneous	4,543	...	4,543	4,543	3,544
Total, Main Canals and Branches ...	15,73,263	...	15,73,269	15,76,073	13,76,236
(3)—Distributaries.					
A. Preliminary Expenses	9,039	...	9,039	9,039	.....
B. Land	22,072	46,999	69,071	97,974	111
C. Works	2,16,060	...	2,16,060	2,16,436	1,79,901
L. Earth-work	1,91,510	...	1,91,510	2,18,682	10,972
Recoveries from colonists	—9,054	—11,714	—20,768	...	...
Total, Distributaries ...	4,29,627	35,285	4,64,912	5,42,131	1,90,984
Total, I.—Works ...	20,02,836	35,285	20,38,181	21,18,204	15,67,220
II.—ESTABLISHMENT.					
1 & 2. Direction and Accounts ...	81,401	} 7,294	} 3,59,582	} 3,45,519	{ 61,758 2,05,029
3. Executive	2,70,887				
Total, Establishment ...	3,52,288	7,294	3,59,582	3,45,519	2,66,787
III.—TOOLS AND PLANT					
... ..	6,279	—803	5,476	6,277	4,722
IV.—Suspense Accounts					
...
Grand Total ...	23,61,463	41,776	24,03,239	24,70,000	18,38,729
V.—Less—Receipts on Capital Account	19	...	19	19	19
Net Outlay ...	23,61,444	41,776	24,03,220	24,69,981	18,38,710.
APPORTIONMENT.					
Chargeable to 49.—Irrigation ...	23,61,444	41,776	24,03,220	24,69,981	18,38,710

IRRIGATION BRANCH.

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1918-1919.

49.—IRRIGATION WORKS.

BEGA'RI CANAL.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1918-1919.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1918-1919.	Total.		Previous.	1918-1919.	Total.
I.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.	I.—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.
1. Water-rates from Irrigation ...	12,99,887	13,783	13,18,670	1. Head Works ...	1,255	...	1,255
3. Sales of Water ...	525	...	525	2. Main Canals and Branches... ..	3,28,540	7,731	3,86,271
4. Water-supply of Towns.	1,295	...	1,295	3. Distributaries ...	14,167	3,041	17,208
5. Plantations ...	13,378	21	15,117	Total ...	3,43,962	10,772	3,54,734
6. Other Canal Produce.							
9. Rents of Buildings.	260	15	275	II.—MAINTENANCE AND REPAIRS.			
10. Fines ...	18,077	1,988	20,065	2. Main Canals and Branches... ..	30,98,187	59,995	31,88,185
11. Miscellaneous Receipts ...	38,464	835	39,299	3. Distributaries ...	26,015	...	26,015
Total ...	13,71,886	23,360	13,95,246	4. Drainage and Protective Works ...	17,343	...	17,343
II.—INDIRECT RECEIPTS.				Total ...	31,41,545	89,995	32,31,543
Irrigation share of Land Revenue collected in the Civil Department.	1,51,41,357	3,38,657	1,54,80,014	IV.—ESTABLISHMENT.			
4 per cent. on $\frac{2}{10}$ ths of the proceeds from sales of occupancy rights per Government of India Nos. 53 & 58—A. I., dated, respectively, 20th June and 1st August 1889, communicated in Government Resolutions No. 1209, dated 10th July, and No. 1913, dated 7th November 1889 ...	2,04,531	9,444	2,13,945	1 & 2. Direction and Accounts ...	1,59,748	45,152	888,609
Total ...	1,53,46,888	3,48,101	1,56,93,989	3. Executive	6,33,709		
Total, Receipts ...	1,67,17,744	3,71,461	1,70,89,205	Total ...	7,93,457	45,152	8,38,609
<i>Note.</i> —Loss to the canal on account of difference between assessment of water-rates on Jāghir lands and also on lands in Baluchistan Territory and assessment at the ordinary rates in force for Government lands noted here per Government of India letter No. 233-I., dated 14th June 1883, communicated under Government Resolution No. 400, dated 11th August 1883.				V.—TOOLS AND PLANT ..	35,467	—2,417	33,050
Rs.				VI.—REFUNDS OF REVENUE	1,751	...	1,751
To end of 1917-1918. 21,82,094				Suspense Account ...	1,671	—1,946	25
Loss for 1918-1919. 43,899				Total ...	43,18,153	1,41,559	44,59,712
Total ...22,25,993				Share of Collection Charges in the Civil Department	11,37,913	20,745	11,58,658
Grand Total ...	1,67,17,744	3,71,461	1,70,89,205	Indirect Charges debitable to Revenue Account as per Account No. 5 ...	1,24,333	6,321	1,30,704
				Total, Charges ...	55,80,449	1,68,625	57,49,074
				Balance Net Revenue ...	1,11,87,295	2,02,836	1,13,90,131
				Grand Total ...	1,67,17,744	3,71,461	1,70,89,205

N.B.—Construction Estimate closed on 31st March 1891—*Vide* Government Resolution No. 1253, dated 25th July 1891.
Completion Report approved in Government Resolution No. 753, dated 11th May 1892.

IRRIGATION BRANCH.

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1918-1919.

49.—IRRIGATION WORKS.

BEGA'RI CANAL.

CANAL PROJECT.

No. 4.—Interest Account for, and to end of, 1918-1919.

	Amount.		Amount.
	Rs.		Rs.
Total Interest charges to end of 1917-18.	30,18,365	Net Revenue realized to end of 1917-18.	1,11,37,295
		Do. during 1918-1919.	2,02,836
Interest charges for the year 1918-1919.	82,948		1,13,40,131
		Balance net Interest charges ...	—82,38,818
Total ...	31,01,813	Total ...	31,01,813

No. 5.—Account of Indirect Charges for, and to end of, 1918-1919.

Particulars.		Previous.	1918-1919.	Total.
		Rs.	Rs.	Rs.
CAPITAL—				
1. Capitalized abatement of Land Revenue ...	...	17,925	.....	17,925
2. Leave and Pension Allowances ...	...	60,360	1,021	61,381
Total ...		78,285	1,021	79,306
REVENUE—				
1. Capitalized abatement of Land Revenue ...	...	2,118	.....	2,118
2. Leave and Pension Allowances ...	...	1,22,265	6,321	1,28,586
Total ...		1,24,383	6,321	1,30,704

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 Capital Sanctions.	Total.	Charges to date.	Amount of sanctioned Estimate.	Unspent balance of Estimate.		
DIRECT CHARGES.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
Works ...	18,91,068	1,76,153	15,67,220	4,70,961	5,50,984	80,023	20,38,181	
Establishment ...	2,29,894	36,893	2,66,787	92,795	78,782	—14,063	3,59,582	
Tools and Plant ...	4,666	56	4,722	754	1,555	801	5,476	
Total ...	16,25,628	2,13,101	18,38,729	5,64,510	6,31,271	66,761	24,03,239	
Less—Receipts on Capital Account ...	19	...	19	...	...	...	19	
Net Total ...	16,25,609	2,13,101	18,38,710	5,64,510	6,31,271	66,761	24,03,220	
INDIRECT CHARGES.								
Capitalized abatement of Land Revenue ...	4,246	949	5,195	12,730	...	—12,730	17,925	
Leave and Pension Allowances ...	43,224	5,165	48,389	12,992	11,022	—1,970	61,381	
Total ...	47,470	6,114	53,584	25,722	11,022	—14,700	79,306	
Grand Total ...	16,73,079	2,19,215	18,92,294	5,90,232	6,42,293	52,061	24,82,526	

* Includes Rs. 68,012 on account of the cost of water-courses to be recovered from colonists.

Second revised Estimate of the Canal Project sanctioned by the Government of India vide their letter No. 790-I, dated 6th May 1914, communicated in Government Resolution No. W. 1-2007, dated 23rd June 1914. Rs. 6,42,293

IRRIGATION BRANCH.

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1918-1919.

49.—IRRIGATION WORKS.

MAHIWAH.

CANAL PROJECT.

No. 2.—Capital Account for, and to end of, 1918-1919.

Heads of Account.	DIRECT CHARGES.			Cost of construction as now estimated.	Expenditure against closed Estimates.
	Previous.	1918-1919.	Total.		
I.—WORKS.					
(2)—Main Canals and Branches.	Rs.	Rs.	Rs.	Rs.	Rs.
B. Land	62,938	...	62,938	68,616	...
D. Regulators	1,53,899	...	1,53,899	1,61,973	...
E. Falls and Weirs	8,272	...	8,272	8,291	...
G. Bridges	44,200	...	44,200	46,358	...
K. Buildings	34,288	...	34,288	34,288	...
L. Earth-work	4,14,441	...	4,14,441	4,42,880	...
Total, Main Canals and Branches ...	7,18,033	...	7,18,033	7,62,406	...
(3)—Distributaries.					
C. Works	69,822	...	69,822	78,946	...
L. Earth-work	79,871	...	79,871	80,121	...
Total, Distributaries ...	1,49,693	...	1,49,693	1,59,067	...
(4)—Drainage and Protective Works.					
B. Land	4,210	...	4,210	4,210	...
C. Works	50,954	...	50,954	50,954	...
L. Earth-work	2,04,631	...	2,04,631	2,04,631	...
Total, Drainage and Protective Works ...	2,59,795	...	2,59,795	2,59,795	...
Total, I.—Works ...	11,27,521	...	11,27,521	11,81,268	...
II.—ESTABLISHMENT.					
1 & 2. Direction and Accounts ...	53,473	...	53,473	2,54,486	...
3. Executive	1,90,404	...	1,90,404		
Total, II.—Establishment ...	2,43,877	...	2,43,877	2,54,486	...
III.—TOOLS AND PLANT	9,500	...	9,500	9,500	...
Grand Total ...	13,80,898	...	13,80,898	14,45,254	...
V.—Less—Receipts on Capital Account ...	6	...	6	6	...
Net Outlay ...	13,80,892	...	13,80,892	14,45,248	...
APPORTIONMENT.					
Chargeable to 49.—Irrigation	13,80,892	...	13,80,892	14,45,248	...

IRRIGATION BRANCH.

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1918-1919.

49.—IRRIGATION WORKS.

MAHIWAH.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1918-1919.

Receipts.	Total.			Charges.	Total.		
	Previous.	1918-1919.	Total.		Previous.	1918-1919.	Total.
I.—DIRECT RECEIPTS.							
1. Water-rates from							
Irrigation ...	Rs. 4,082	Rs. 40	Rs. 4,122	I.—EXTENSIONS AND IMPROVEMENTS.			
3. Sales of Water ...	6	...	6	2. Main Canals and			
5. Plantations ...	400	30	430	Branches ...	89,868	2,107	90,975
6. Other Canal Pro-				3. Distributaries ...	5,466	...	5,466
duce ...	1,793	177	1,970	Total ...	94,334	2,107	96,441
9. Rents of Buildings.	380	13	393				
10. Fines ...	9,711	74	9,785	II.—MAINTENANCE AND REPAIRS.			
11. Miscellaneous Re-				2. Main Canals and			
ceipts ...	15,870	307	16,177	Branches ...	6,18,204	88,024	7,06,228
Total ...	32,242	641	32,883	IV.—ESTABLISHMENT.			
II.—INDIRECT RECEIPTS.				1. & 2. Direction and			
Irrigation share of Land				Accounts ...	22,788		
Revenue collected in				3. Executive ...	-2,720		
the Civil Depart-				Total ...	20,068	38,419	58,487
ment ...	10,16,062	-24,479	9,91,583	V.—TOOLS AND PLANT ...	5,553	-2,308	3,245
4 per cent. on $\frac{2}{10}$ ths				VI.—REFUNDS OF REVENUE	...	184	184
of the proceeds from				Total ...	7,33,159	1,26,426	8,64,585
sales of occupancy							
rights per Govern-				Share of Collection			
ment of India Nos. 53				Charges in the Civil			
and 58-A. I., dated,				Department ...	55,176	-1,478	53,698
respectively, 20th				Indirect Charges debi-			
June and 1st August				table to Revenue Ac-			
1889, communicated				count as per Account			
in Government Reso-				No. 5 ...	6,327	5,379	11,706
lution No. 1209,				Total, Charges ...	7,99,662	1,30,327	9,29,989
dated 10th July, and				Balance Net Revenue ...	2,90,629	-1,51,466	1,39,163
No. 1913, dated 7th							
November 1889 ...	41,986	2,699	44,685	Grand Total	10,90,291	-21,139	10,69,152
Total ...	10,58,049	-21,780	10,36,269				
Total, Receipts ...	10,90,291	-21,139	10,69,152				
<p><i>Note.</i>—Loss to the canal on account of difference between assessment of water-rates on Jaghir lands and assessment at the ordinary rates in force for Government lands noted here, per Government of India Letter No. 233-I., dated 14th June 1883, communicated under Government Resolution No. 400, dated 11th August 1888.</p>							
<p>To end of 1917-1918... 91,375 Loss for 1918-1919 ... 53</p>							
Total ...	91,428						
Grand Total	10,90,291	-21,139	10,69,152				

IRRIGATION BRANCH.

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1918-1919.

49.—IRRIGATION WORKS.

MAHIWAH.

CANAL PROJECT.

No. 4.—Interest Account for, and to end of, 1918-1919.

	Amount.		Amount.
	Rs.		Rs.
Total interest charges to end of 1917-1918 ...	7,36,964	Net Revenue realized to end of 1917-1918 ...	2,90,629
		Do. during 1918-1919 ...	1,51,466
Interest charges for the year 1918-1919 ...	48,079		1,39,168
Total ...	7,85,043	Balance net Interest charges	6,45,880
		Total ...	7,85,043

No. 5.—Account of Indirect Charges for, and to end of, 1918-1919.

Particulars.			Previous.	1918-1919.	Total.
			Rs.	Rs.	Rs.
CAPITAL—					
1. Capitalized abatement of Land Revenue...	...	...	24,649	.....	24,649
2. Leave and Pension Allowances	...	...	8,143	.....	34,143
		Total ...	58,792	.....	58,792
REVENUE—					
1. Capitalized abatement of Land Revenue	...	...	3,518	.....	3,518
2. Leave and Pension Allowances	...	...	2,809	5,379	8,188
		Total ...	6,327	5,379	11,706

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 Capital Sanctions.	Total.	Charges to date.	Amount of sanctioned Estimate.	Unspent balance of Estimate.		
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
DIRECT CHARGES.								
Works	11,27,521	11,81,268	53,747	11,27,521	Revised Estimate sanctioned in the Secretary of State's Despatch No. 20-P.W., dated 18th July 1910, communicated in Government of India's No. 681-I., dated 8th August 1910, vide Government Resolution No. W. 1.-2211, dated 15th October 1910. ... Rs. 16,17,356 Note.—From the sanctioned provision of Establishment Rs. 397 have been transferred to that of Tools and Plant, vide para. 2 of Government Resolution No. 2228, dated 18th October 1910.
Establishment ...	...	...	...	2,43,877	2,54,486	10,609	2,43,877
Tools and Plant ...	...	...	...	9,500	9,500	...	9,500
Total ...	...	...	...	13,80,898	14,45,254	64,356	13,80,898
Less—Receipts on Capital Account...	...	...	...	6	6	...	6
Net Total ...	...	...	...	13,80,892	14,45,248	64,356	13,80,892
INDIRECT CHARGES.								
Capitalized abatement of Land Revenue...	...	...	...	24,649	36,425	11,776	24,649
Leave and Pension Allowances ...	...	...	...	34,143	35,683	1,540	34,143
Total ...	...	...	...	58,792	72,108	13,316	58,792
Grand Total ...	...	...	...	14,39,684	15,17,356	77,672	14,39,684

IRRIGATION BRANCH

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1918-1919.

49.—IRRIGATION WORKS.

EASTERN NARA WORKS.

CANAL PROJECT.

No. 2.—Capital Account for, and to end of, 1918-1919.

Heads of Account.				DIRECT CHARGES.			Cost of construction as now estimated. (Construction estimate closed on 31st March 1918.)	Expenditure against closed estimates.
				Previous.	1918-1919.	Total.		
I.—WORKS.				Rs.	Rs.	Rs.	Rs.	Rs.
(1)—Head Works.								
B. Land	...	...	...	1,638	...	1,638	1,638	1,638
C. Works	...	...	...	12,33,300	...	12,33,300	12,33,300	12,33,300
K. Buildings	...	...	...	1,862	...	1,862	1,862	1,862
Total, Head Works				12,36,800	...	12,36,800	12,36,800	12,36,800
(2)—Main Canals and Branches.								
A. Preliminary Expenses	...	...	...	2,709	...	2,709	5,439	2,554
B. Land	...	...	...	...	...	...	3,400	...
D. Regulators	...	...	...	2,57,668	...	2,57,668	2,82,849	2,57,668
G. Bridges	...	...	...	1,61,703	...	1,61,703	1,66,248	1,61,703
H. Escapes	...	...	...	45,632	...	45,632	45,632	45,632
K. Buildings	...	...	...	93,089	...	93,089	1,13,009	93,089
L. Earth-work	...	...	...	7,66,537	...	7,66,537	8,84,429	7,66,537
M. Plantations	...	...	...	16,742	...	16,742	17,356	16,742
N. Tanks and Reservoirs	...	...	...	1,441	...	1,441	1,441	1,441
O. Miscellaneous	...	...	...	32,121	...	32,121	36,530	32,121
P. Maintenance	...	...	...	...	...	...	11,788	...
Total, Main Canals and Branches				13,77,642	...	13,77,642	15,68,121	13,77,487
(3) Distributaries.								
A. Preliminary Expenses	...	...	...	5,560	1,605	71,65	7,773	3,910
B. Land	...	...	...	2,650	...	2,650	8,350	2,650
C. Works	...	...	...	2,70,729	44,461	3,15,190	3,16,813	2,66,490
L. Earth-work	...	...	...	1,23,539	65,813	1,89,352	2,42,316	1,12,073
O. Miscellaneous	...	...	...	32,079	6,472	38,551	63,883	29,878
P. Maintenance	...	...	...	...	...	...	13,022	...
Total, Distributaries				4,34,557	1,18,351	5,52,908	6,42,157	4,15,001
(4) Drainage and Protective Works.								
A. Preliminary Expenses	...	...	...	65,327	...	65,327	65,327	65,327
B. Land	...	...	...	2,832	...	2,832	2,832	2,832
C. Works	...	...	...	2,38,182	...	2,38,182	2,38,182	2,38,182
L. Earth-work	...	...	...	20,29,845	...	20,29,845	20,29,845	20,29,845
O. Miscellaneous	...	...	...	425	...	425	425	425
Total, Drainage and Protective Works				23,36,611	...	23,36,611	23,36,611	23,36,611
Total, I.—Works				53,85,610	1,18,351	55,03,961	57,83,689	53,65,899
II.—ESTABLISHMENT.								
1 & 2. Direction and Accounts	...	...	...	2,73,620	} 38,767	13,81,468	14,33,881	{ 2,72,733
3. Executive	...	...	...	10,69,041				
5. Special Survey	...	...	...	4,882				
Total, II.—Establishment				13,47,583	38,767	13,86,350	14,33,881	13,43,345
III.—TOOLS AND PLANT				...	...	...	...	...
				72,154	1,054	73,208	73,121	71,858
Grand Total				68,05,347	1,58,172	69,63,519	72,95,691	67,81,102
V.—Less—Receipts on Capital Account				...	176	...	176	176
Net Outlay				68,05,171	1,58,172	69,63,343	72,95,515	67,80,926
APPORTIONMENT.								
Chargeable to 49.—Irrigation	...	...	...	44,15,381	1,58,172	45,73,553	49,05,725	43,91,136
Chargeable to 43.—Minor Works and Navigation	...	...	...	23,89,790	...	23,89,790	23,89,790	23,89,790
Total				68,05,171	1,58,172	69,63,343	72,95,515	67,80,926

IRRIGATION BRANCH.

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1918-1919.

49.—IRRIGATION WORKS.

EASTERN NÁRA WORKS.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1918-1919.

Receipts.	Total.			Charges.	Total.		
	Previous.	1918-1919.	Total.		Previous.	1918-1919.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
I.—DIRECT RECEIPTS.				I.—EXTENSIONS AND IMPROVEMENTS.			
1. Water-rates from Irrigation ...	4,45,964	4,020	4,49,984	1. Head Works ...	10,425	4,789	15,217
3. Sales of water ...	2,930	222	3,152	2. Main Canals and Branches ...	2,56,586	21,054	2,77,916
5. Plantations ...		2,506		3. Distributaries ...	88,281		38,231
6. Other Canal Produce ...	2,35,737	8,362	2,44,603	4. Drainage and Protective Works ...	1,51,386		1,51,386
8. Navigation ...	5,549	1,262	6,811	Total ...	4,56,907	25,843	4,82,750
9. Rents of buildings ...	608	84	692				
10. Fines ...	40,652	2,039	42,721	II.—MAINTENANCE AND REPAIRS.			
11. Miscellaneous Receipts ...	5,87,833	3,871	5,91,704	1. Head Works ...	2,33,330	89,156	2,72,486
Total ...	13,19,303	22,366	13,41,669	2. Main Canals and Branches ...	21,55,131	85,682	22,40,763
II.—INDIRECT RECEIPTS.				3. Distributaries ...	72,240		72,240
Irrigation share of Land Revenue collected in the Civil Department.	2,07,99,520	5,06,351	2,13,05,871	4. Drainage and Protective Works ...	5,02,384	15,710	8,18,094
4 per cent. on 9/10ths of the proceeds from sales of occupancy rights per Government of India Nos. 53 and 58-A. I. dated respectively 20th June and 1st August 1889, communicated in Government Resolution No. 1209, dated 10th July, and No. 1913, dated 7th November 1889 ...	43,104	4,223	47,327	Unclassified Outlay ...	5,83,057		5,36,057
Total ...	2,08,42,630	5,10,574	2,13,53,204	Total ...	37,99,142	1,40,498	39,39,640
Total, Receipts ...	2,21,61,933	5,32,940	2,26,94,873	IV.—ESTABLISHMENT.			
				1 & 2. Direction and Accounts ...	2,58,812		
				3. Executive ...	12,88,546	98,559	10,88,917
				Total ...	15,42,358	96,559	16,38,917
				V.—TOOLS AND PLANT ...	48,650	73	48,723
				VI.—REFUNDS OF REVENUE ...	8,042		8,042
				Suspense Account ...	3,535	- 61	3,474
				Total ...	58,58,634	2,62,912	61,21,546
				Share of Collection Charges in the Civil Department ...	16,19,186	30,761	16,49,947
				Indirect Charges debitable to Revenue Account as per Account No. 5 ...	2,42,596	13,518	2,56,114
				Total, Charges ...	77,20,416	3,07,191	80,27,607
				Balance Net Revenue ...	1,44,41,517	2,25,749	1,46,67,266
				Grand Total ...	2,21,61,933	5,32,940	2,26,94,873

Note.—Loss to the canal on account of difference between assessment of water rates on Jaghir lands and assessment at the ordinary rates in force for Government lands noted here per Government of India Letter No. 233-L, dated 14th June 1883, communicated under Government Resolution No. 400, dated 11th August 1883.

To end of 1917-1918. 6,07,149
Loss for 1918-1919... 24,032

Total ... 6,31,181

IRRIGATION BRANCH.

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1918-1919.

49.—IRRIGATION WORKS.

EASTERN NA'RA WORKS.

CANAL PROJECT.

No. 4.—Interest Account for, and to end of, 1918-1919.

	Amount.		Amount.
	Rs.		Rs.
Total interest charges to end of 1917-1918 ...	1,01,60,239	Net revenue realized to end of 1917-1918 ...	1,44,41,517
Interest charges for the year 1918-1919 ...	2,39,697	Do. during 1918-1919 ...	2,25,749
			1,46,67,266
		Balance net interest charges ...	42,67,330
Total ...	1,03,99,936	Total ...	1,03,99,936

No. 5.—Account of Indirect Charges for, and to end of, 1918-1919.

Particulars.	Previous.	1918-1919.	Total.
CAPITAL—	Rs.	Rs.	Rs.
1. Capitalized abatement of Land Revenue ...	3,084	...	3,084
2. Leave and Pension Allowances ...	2,32,614	5,427	2,38,041
Total ...	2,35,698	5,427	2,41,125
REVENUE—			
1. Capitalized abatement of Land Revenue ...	2	...	2
2. Leave and Pension Allowances ...	2,42,594	13,518	2,56,112
Total ...	2,42,596	13,518	2,56,114

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 Capital sanctions.	Total.	Charges to date.	Amount of sanctioned Estimate.	Unspent balance of Estimate.		
DIRECT CHARGES.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
Works ...	48,30,172	5,35,727	53,65,899	1,38,062	4,17,790	2,79,728	55,03,961	Government of India, Public Works Department, No. 190-I, dated 16th February 1918, communicated in Government Resolution, Public Works Department, No. 8116, dated 18th March 1916. Government of India, Public Works Department, No. 108-I, dated 1st May 1918, communicated in Government Resolution, Public Works Department, No. 5600, dated 28th May 1918.
Establishment ...	11,84,114	1,59,231	13,43,345	43,005	90,536	47,531	13,86,350	
Tools and Plant...	50,880	20,978	71,858	1,350	6,263	4,913	73,208	
Total ...	60,65,166	7,15,936	67,81,102	1,82,417	5,14,589	3,32,172	69,63,519	
Less—Receipt on Capital Account ...	179	—3	176	...	...	...	176
Net Total ...	60,64,987	7,15,939	67,80,926	1,82,417	5,14,589	3,32,172	69,63,343	
INDIRECT CHARGES.								
Capitalized abatement of Land Revenue ...	2,689	415	3,084	...	5,293	5,293	3,084	
Leave and Pension Allowances ...	2,09,728	22,293	2,32,021	6,020	12,676	6,656	2,38,041	
Total ...	2,12,397	22,708	2,35,105	6,020	17,969	11,949	2,41,125	
Grand Total ...	62,77,384	7,38,647	70,16,031	1,88,437	5,32,558	3,44,121	72,04,468	

IRRIGATION BRANCH.

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1918-1919.

49.—IRRIGATION WORKS.

JÁMBRÃO CANAL.

CANAL PROJECT.

No. 2.—Capital Account for, and to end of, 1918-1919.

Heads of Account.	DIRECT CHARGES.			Cost of Construction as now estimated, (Construction estimate closed on 31st March 1902.)	Expenditure against closed estimates.
	Previous.	1918-1919.	Total.		
	Rs.	Rs.	Rs.	Rs.	Rs.
I.—WORKS.					
(1)—Head Works.					
A. Preliminary Expenses ...	4,738	...	4,738	4,738	4,738
B. Land ...	345	40,173	40,519	346	346
C. Works ...	16,71,010	}	16,71,357	16,71,357	16,71,357
K. Buildings ...	1,01,411				
O. Miscellaneous ...	31,921	...	31,921	31,921	31,921
P. Maintenance ...	25,550	...	25,550	25,550	25,550
Total, Head Works ...	18,85,323	40,173	18,75,496	18,35,323	18,35,323
(2)—Main Canals and Branches.					
A. Preliminary Expenses ...	32,466	...	32,466	32,466	32,466
B. Land ...	25,269	...	25,269	25,269	25,269
D. Regulators ...	3,74,148	...	3,74,148	3,74,148	3,74,148
E. Falls and Weirs ...	85,625	...	85,625	85,625	85,625
F (1). Other Cross Drainage Works ...	1,83,594	...	1,83,594	1,83,594	1,83,594
G. Bridges ...	1,71,475	...	1,71,475	1,71,475	1,71,475
H. Escapes ...	44,222	...	44,222	44,222	44,222
K. Buildings ...	3,22,857	...	3,22,857	3,22,857	3,22,857
L. Earthwork ...	25,26,346	...	25,26,346	25,26,346	25,26,346
M. Plantations ...	45,869	...	45,869	45,869	45,869
O. Miscellaneous ...	57,290	...	57,290	57,290	57,290
P. Maintenance ...	26,088	...	26,088	26,088	26,088
Total, Main Canals and Branches ...	38,95,249	...	38,95,249	38,95,249	38,95,249
Carried over ...	57,30,572	40,173	57,70,745	57,30,572	57,30,572

IRRIGATION BRANCH.

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1918-1919.

49.—IRRIGATION WORKS.

JA'MBA'O CANAL.

CANAL PROJECT.

No. 2.—Capital Account for, and to end of, 1918-1919.

Heads of Account.	DIRECT CHARGES.			Cost of Construction as now estimated (Construction estimated close on 31st March 1902).	Expenditure against closed estimates.
	Previous.	1918-1919.	Total.		
	Rs.	Rs.	Rs.	Rs.	Rs.
Brought forward ...	57,80,572	40,178	57,70,745	57,80,572	57,80,572
(3)—Distributaries.					
A. Preliminary Expenses ...	9,165	98	9,263	9,285	9,165
B. Land ...	10,112	...	10,112	10,292	10,112
C. Works ...	3,49,280	3,988	3,53,268	3,53,026	3,49,280
L. Earthwork ...	7,86,022	8,946	7,44,968	7,47,852	7,86,022
O. Miscellaneous ...	57,215	—1,676	55,539	55,784	55,411
P. Maintenance ...	10,041	...	10,041	10,041	10,041
Total, Distributaries ...	11,71,835	11,356	11,83,191	11,85,780	11,70,031
(4)—Drainage and Protective Works.					
A. Preliminary Expenses ...	363	...	363	363	363
C. Works ...	23,824	...	23,824	23,824	23,824
L. Earthwork ...	31,145	...	31,145	31,145	31,145
O. Miscellaneous ...	9,134	...	9,134	9,134	9,134
Total, Drainage and Protective Works ...	64,466	...	64,466	64,466	64,466
Total I.—Works ...	69,66,873	51,529	70,18,402	69,80,818	69,65,069
II.—ESTABLISHMENT.					
1 & 2. Direction and Accounts ...	3,44,267	12,025	14,90,773	14,99,101	14,95,557
3. Executive ...	11,34,481				
4. Medical ...	8,453				
5. Special Survey ...	8,947				
Total, Establishment ...	14,96,148	12,025	15,08,173	14,99,101	14,95,557
III.—TOOLS AND PLANT ...	1,82,511 —347	—813	1,81,351	1,82,384	1,82,148
IV.—SUSPENSE ACCOUNTS ...	4,606				
Grand Total ...	86,49,791	62,741	87,12,532	86,66,903	86,47,380
V.—Less—Receipts on Capital Account ...	981	...	981	981	981
Net Outlay ...	86,48,810	62,741	87,11,551	86,65,928	86,46,399
APPORTIONMENT.					
Chargeable to 49—Irrigation ...	86,48,810	62,741	87,11,551	86,65,928	86,46,399

* Erroneous classification in previous year rectified.

IRRIGATION BRANCH.

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.
ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1918-1919.

49.—IRRIGATION WORKS.

JA'MRA'O CANAL.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1918-1919.

Receipts.	Total.			Charges.	Total.		
	Previous.	1918-1919.	Total.		Previous.	1918-1919.	Total.
I.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.	I.—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.
1. Water-rates from Irrigation ...	4,70,570	2,057	4,72,627	1. Head Works ...	167	...	167
3. Sales of water ...	218	86	304	2. Main Canals and Branches ...	16,506	3,814	20,320
4. Water supply of towns ...	5	...	5	3. Distributaries ...	74,523	662	75,185
5. Plantations ...	5,079	787	5,866	Total ...	91,196	4,476	95,672
6. Other canal produce ...	1,18,379	5,791	1,24,170				
7. Water-power ...	13	...	13	II.—MAINTENANCE AND REPAIRS.			
9. Rents of buildings ...	12,273	665	12,938	1. Head Works ...	73,831	3,736	77,567
10. Fines ...	2,07,329	15,424	2,22,753	2. Main Canals and Branches ...	14,79,032	1,10,279	15,89,361
11. Miscellaneous Receipts ...	69,941	7,129	77,070	3. Distributaries ...	11,78,944	67,859	12,46,803
Total ...	8,83,807	31,939	9,15,746	4. Drainage and Protective Works ...	1,024	...	1,024
II.—INDIRECT RECEIPTS.				Total ...	27,32,881	1,81,374	29,14,255
Irrigation share of Land Revenue collected in the Civil Department.	1,08,17,426	6,44,502	1,14,61,928	IV.—ESTABLISHMENT.			
4 per cent. on 9/10ths of the proceeds from sales of occupancy rights per Government of India Nos. 59 and 58-A.L., dated respectively, 20th June and 1st August 1889, communicated in Government Resolution No. 1209, dated 10th July, and No. 1913, dated 7th November 1889 ...	7,13,907	71,845	7,85,752	1 & 2. Direction and Accounts ...	1,60,591	1,00,320	28,27,723
Total ...	1,15,31,333	7,16,347	1,22,47,680	3. Executive ...	20,00,812		
Total Receipts ...	1,24,15,140	7,48,286	1,31,63,426	Total ...	21,61,403	1,66,320	23,27,723
Note. —Loss to the canal on account of difference between assessment of water-rates on Jaghir lands and assessment at the ordinary rates in force for Government lands noted here per Government of India Letter No. 233-I, dated 14th June 1883, communicated under Government Resolution No. 400, dated 11th August 1883.				V.—TOOLS AND PLANT ...	70,337	1,656	71,993
Rs.				VI.—REFUNDS OF REVENUE ...	267	69	336
To end of 1917-1918 ...	1,95,312			Suspense Account ...	-2,681	-594	-3,275
Loss for 1918-1919 ...	8,523			Total ...	50,53,403	3,53,301	54,06,704
Total ...	2,06,835			Share of Collection Charges in the Civil Department ...	3,46,441	20,030	3,66,471
Grand Total ...	1,24,15,140	7,48,286	1,31,63,426	Indirect Charges debitable to Revenue Account as per Account No. 5 ...	3,03,616	23,285	3,26,901
				Total Charges ...	57,03,460	3,96,616	61,00,076
				Balance Net Revenue ...	87,11,680	3,51,670	70,63,350
				Grand Total ...	1,24,15,140	7,48,286	1,31,63,426

N.B.—Construction Estimate closed on 31st March 1902—vide Government Resolution No. 1796, dated 29th August 1901.
Completion Report approved in Government Resolution No. 1706, dated 30th June 1906.

IRRIGATION BRANCH.

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.
ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1918-1919.

49.—IRRIGATION WORKS.

JA'MRA'O CANAL.

CANAL PROJECT.

No. 4.—Interest Account for, and to end of, 1918-1919.

	Amount.		Amount.
	Rs.		Rs.
Total Interest charges to end of 1917-1918.	58,32,183	Net revenue realized to end of 1917-1918 ...	67,11,680
Interest charges for the year 1918-1919 ...	3,02,226	Do. during 1918-1919 ...	3,51,670
		Balance net interest charges ...	70,63,350
Total ...	61,34,409	Total ...	—9,28,941
			61,34,409

No. 5.—Account of Indirect Charges for, and to end of, 1918-1919.

Particulars.	Previous.	1918-1919.	Total.
	Rs.	Rs.	Rs.
CAPITAL—			
1. Capitalized abatement of Land Revenue ...	48,924	.....	48,924
2. Leave and Pension Allowances ...	2,09,460	1,684	2,11,144
Total ...	2,58,384	1,684	2,60,068
REVENUE—			
1. Capitalized abatement of Land Revenue ...	1,018	.....	1,018
2. Leave and Pension Allowances ...	3,02,598	23,285	3,25,883
Total ...	3,03,616	23,285	3,26,901

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 Capital sanctions.	Total.	Charges to date.	Amount of sanctioned Estimate.	Unspent balance of Estimate.		
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
DIRECT CHARGES.								
Works ...	64,74,083	4,91,036	69,65,069	53,333	15,749	—37,584	70,18,402	Rs. 10,206
Establishment ...	11,51,054	3,44,503	14,95,557	12,616	3,544	—9,072	15,08,173	7,096
Tools and Plant ...	1,81,762	386	1,82,148	—797	236	1,033	1,81,351	2,823
Suspense Accounts ...	53	4,553	4,606	...	...	...	4,606	6945, dated 6th June 1919
Total ...	78,06,902	8,40,478	86,47,380	65,152	19,529	—45,623	87,12,532	20,125
Less—Receipts on Capital Account.	981	...	981	...	...	...	981	
Net Total ...	78,05,921	8,40,478	86,46,399	65,152	19,529	—45,623	87,11,551	
INDIRECT CHARGES.								
Capitalized abatement of Land Revenue ...	35,896	13,028	48,924	...	100	100	48,924	Government Order, (P. W. D.) No. W. I. 24770, dated 3rd March 1919
Leave and Pension Allowances ...	1,61,148	48,229	2,09,377	1,767	496	—1,271	2,11,144	4150, dated 8th April 1919
Total ...	1,97,044	61,257	2,58,301	1,767	596	—1,171	2,60,068	do. do. do.
Grand Total ...	80,02,965	9,01,735	89,04,700	66,919	20,125	—46,794	89,71,619	do. do. do.

Note.—The excess is due to land charges having been paid during the year 1918-19, for the land acquired for the Flood Diversion Bund, Narsipply channel. The work was reported completed during the year 1917-18. The further Estimate for this work is under preparation.

IRRIGATION BRANCH.

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1918-1919.

49.—IRRIGATION WORKS.

DA'D CANAL.

CANAL PROJECT.

No. 2.—Capital Account for, and to end of, 1918-1919.

Heads of Account.	DIRECT CHARGES.			Cost of Construc- tion as now estimated. (Con- struction estimate closed on 31st March 1907.)	Expenditure against closed estimates.
	Previous.	1918-19.	Total.		
	Rs.	Rs.	Rs.	Rs.	Rs.
I.—WORKS.					
(2)—Main Canals and Branches.					
A. Preliminary Expenses ...	4,134	.....	4,134	4,134	4,134
B. Land ...	39,338	.....	39,338	39,338	39,338
D. Regulators ...	2,00,254	.....	2,00,254	2,00,254	2,00,254
G. Bridges ...	91,352	.....	91,352	91,352	91,352
H. Escapes ...	13,077	.....	13,077	13,077	13,077
K. Buildings ...	89,030	.....	89,030	89,030	89,030
L. Earth-work ...	14,18,551	.....	14,18,551	14,18,551	14,18,551
O. Miscellaneous ...	7,086	.....	7,086	7,086	7,086
Total, Main Canals and Branches ...	18,62,822	.....	18,62,822	18,62,822	18,62,822
(3)—Distributaries.					
B. Land ...	2,600	.....	2,600	5,738	20
C. Works ...	91,637	.....	91,637	93,239	63,280
L. Earth-work ...	1,00,332	.....	1,00,332	1,04,564	24,564
O. Miscellaneous ...	1,07,349	—5,149	1,02,200	82,361	—4,914
Total, Distributaries ...	3,01,918	—5,149	2,96,769	2,85,902	82,950
(4)—Drainage and Protective Works.					
L. Earth-work ...	14,590	.....	14,590	14,590	14,590
O. Miscellaneous ...	505	.....	505	505	505
Total, Drainage and Protective Works.	15,095	.....	15,095	15,095	15,095
Total I.—Works ...	21,79,835	—5,149	21,74,686	21,63,819	19,60,867
II.—ESTABLISHMENT.					
1 & 2. Direction and Accounts ...	1,05,625	} —1,687	} 3,61,059	{ 3,83,868	{ 3,29,728
3. Executive ...	2,67,121				
5. Special Survey ...	12,721				
Total, Establishment ...	3,75,467	—1,687	3,73,780	3,83,868	3,42,449
III.—TOOLS AND PLANT					
... ..	19,342	—46	19,296	19,009	16,973
Grand Total ...	25,74,644	—6,882	25,67,762	25,66,696	23,20,289
V.—Less—Receipts on Capital Account.					
...	34	.....	34	34	34
Net Outlay ...	25,74,610	—6,882	25,67,728	25,66,662	23,20,255
APPORTIONMENT.					
Chargeable to 49—Irrigation ...	25,70,783	—6,882	25,63,901	25,62,835	23,16,428
Do. 43—Minor Works and Navigation ...	3,827	.....	3,827	3,827	3,827
Total ...	25,74,610	—6,882	25,67,728	25,66,662	23,20,255

IRRIGATION BRANCH.

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.
ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1918-1919.

49.—IRRIGATION WORKS.

DA'D CANAL.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1918-1919.

Receipts.	Total.			Charges.	Total.		
	Previous.	1918-1919.	Total.		Previous.	1918-1919.	Total.
I.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.	I.—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.
1. Water-rates from Irrigation ...	12,356	640	12,996	1. Head Works ...	1,447	...	1,447
5. Plantations ...	6,570	715	7,285	2. Main Canals and Branches ...	66,417	2,298	68,715
6. Other canal produce ...	1,182	27	1,209	3. Distributaries * ...	1,213	2,330	3,543
9. Rents of buildings ...	3,060	549	3,609	Average expenditure before improvements... ..	-81,519	-4,608	-86,127
10. Fines ...	4,228	...	4,228	Total ...	-12,442	20	-12,422
11. Miscellaneous Receipts ...	11,875	282	11,657				
Total ...	38,771	2,213	40,984	II.—MAINTENANCE AND REPAIRS.			
II.—INDIRECT RECEIPTS.				2. Main Canals and Branches ...	10,19,766	66,756	10,86,522
Irrigation share of Land Revenue collected in the Civil Department ...	21,82,945	1,26,034	23,08,979	3. Distributaries ...	22,008	6,753	28,791
4 per cent. on 9/10ths of the proceeds from sales of occupancy rights per Government of India Nos. 53 & 59-A.I., dated respectively, 23rd June and 1st August 1889, communicated in Government Resolutions No. 1209, dated 10th July, and No. 1813, dated 7th November 1889	93,998	7,685	1,01,683	Total ...	10,41,774	73,539	11,15,313
Total ...	22,76,943	1,33,719	24,10,662	IV.—ESTABLISHMENT.			
Total Receipts ...	23,15,714	1,35,932	24,51,646	1 & 2. Direction and Accounts ...	53,410	56,995	2,95,787
				3. Executive ...	1,85,382		
				Total ...	2,38,792	56,995	2,95,787
Note. —Loss to the canal on account of difference between assessment of water-rates on Jaghir lands and assessment at the ordinary rates in force for Government lands noted here per Government of India Letter No. 233-I, dated 14th June 1893, communicated under Government Resolution No. 400, dated 11th August 1893.				V.—TOOLS AND PLANT...	9,776	737	10,513
Rs.				VI.—REFUNDS OF REVENUE ...	83	375	458
To end of 1917-1918. 3,35,577				Suspense Account ...	...	1,465	1,465
Loss for 1918-1919 ... 12,061				Total ...	12,77,988	1,33,131	14,11,114
Total ... 3,47,635				Share of Collection Charges in the Civil Department ...	1,11,109	7,625	1,18,734
				Indirect Charges debit-able to Revenue Account as per Account No. 5 ...	34,625	7,979	42,604
				Total Charges ...	14,23,717	1,48,735	15,72,452
				Balance Net Revenue ...	8,91,997	-12,803	8,79,194
Grand Total ...	23,15,714	1,35,932	24,51,646	Grand Total ...	23,15,714	1,35,932	24,51,646

N. B.—Construction Estimate closed on 31st March 1907—vide Government Resolution No. 2151, dated 17th August 1908.
Completion Report approved in Government Resolution No. 1054, dated 30th April 1916.

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.
ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1918-1919.
49.—IRRIGATION WORKS.

DA'D CANAL.

CANAL PROJECT.

No. 4.—Interest Account for, and to end of, 1918-1919.

	Amount.		Amount.
	Rs.		Rs.
Interest charges up to end of 1917-1918 ...	14,88,844	Net revenue realized to end of 1917-1918 ...	8,01,967
		Do. during 1918-1919 ...	1,88,003
Interest charges for the year 1918-1919 ...	89,523	Balance net Interest charges ...	6,62,773
Total ...	15,78,367	Total ...	15,78,367

No. 5.—Account of Indirect Charges for, and to end of, 1918-1919.

Particulars.			Previous	1918-1919.	Total.
			Rs.	Rs.	Rs.
CAPITAL—					
1. Capitalized abatement of Land Revenue	...	...	41,453	.....	41,453
2. Leave and Pension Allowances	...	...	52,566	—233	52,329
Total			94,018	—236	93,782
REVENUE—					
1. Capitalized abatement of Land Revenue	...	...	1,194	.....	1,194
2. Leave and Pension Allowances	...	...	33,431	7,379	41,410
Total			34,625	7,379	42,604

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 capital Sanctions.	Total.	Charges to date.	Amount of sanctioned Estimate.	Unspent balance of Estimate.		
DIRECT CHARGES.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
Works ...	18,96,646	61,219	19,60,867	2,13,819	2,02,952	—10,867	21,74,686	
Establishment ...	3,16,663	25,768	3,42,449	31,331	41,419	10,948	3,73,780	
Tools and Plant ...	16,579	594	16,973	2,323	2,038	—287	19,296	
Total ...	22,32,890	87,399	23,20,289	2,47,473	2,46,407	—1,066	25,67,752	
Less—Receipts on Capital Account ...	34	...	34	...	...	...	34	
Net Total ...	22,32,856	87,399	23,20,255	2,47,473	2,46,407	—1,066	25,67,728	
INDIRECT CHARGES.								
Capitalized abatement of Land Revenue ...	40,168	1,110	41,278	175	3,025	2,850	41,453	
Leave and Pension Allowances ...	44,333	3,610	47,943	4,386	5,799	1,413	52,329	
Total ...	84,501	4,720	89,221	4,561	8,824	4,263	93,782	
Grand Total ...	23,17,357	92,119	24,09,476	2,52,034	2,55,231	3,197	26,61,510	

Revised Estimate of the P. W. Department sanctioned by the Government of India—nos N. o. 375 & 3, dated 22nd June 1914, remitted under the Government Sanction No. N. 1, 203, 1, dated 11th August 1914.

* Revised Estimate of the P.m. Distributary sanctioned by the Government of India—No. 3723, dated 29th June 1914, communicated in Government Order No. 1, 2937, dated 12th August 1914

IRRIGATION BRANCH.

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1918-1919.

49.—IRRIGATION WORKS.

NASRAT CANAL.

CANAL PROJECT.

No. 2.—Capital Account for, and to end of, 1918-1919.

Heads of Account.	DIRECT CHARGES.			Cost of Construction as now estimated. (Construction estimate closed on 31st March 1907.)	Expenditure against closed estimates.
	Previous.	1918-1919.	Total.		
	Rs.	Rs.	Rs.	Rs.	Rs.
I.—WORKS.					
(2)—Main Canals and Branches.					
A. Preliminary Expenses	1,653	...	1,653	1,653	1,653
B. Land	40,941	...	40,941	40,941	40,941
D. Regulators	1,84,574	...	1,84,574	1,84,574	1,84,574
G. Bridges	67,852	...	67,852	67,852	67,852
K. Buildings	69,315	...	69,315	69,315	69,315
L. Earth-work	9,78,967	...	9,78,967	9,78,967	9,78,967
O. Miscellaneous	4,430	...	4,430	4,430	4,430
Total, Main Canals and Branches ...	13,47,732	...	13,47,732	13,47,732	13,47,732
(3)—Distributaries.					
B. Land	576	...	576	576	576
C. Works	1,38,669	...	1,38,669	1,38,669	1,38,669
L. Earth-work	73,188	...	73,188	73,188	73,188
O. Miscellaneous	—17,222	—799	—18,021	—18,021	—18,021
Total, Distributaries ...	1,95,211	—799	1,94,412	1,94,412	1,94,412
(4)—Drainage and Protective Works.					
L. Earth-work	4,398	...	4,398	4,398	4,398
O. Miscellaneous	377	...	377	377	377
Total, Drainage and Protective Works ...	4,775	...	4,775	4,775	4,775
Total, I.—Works ...	15,47,718	—799	15,46,919	15,46,919	15,46,919
II.—ESTABLISHMENT.					
1 & 2. Direction and Accounts	76,679	} —262	2,51,885	2,51,885	} 2,51,885
3. Executive	1,75,468				
5. Special Survey	1,263				
Total, Establishment ...	2,53,410	—262	2,53,148	2,53,148	2,53,148
III.—TOOLS AND PLANT					
...	6,875	—7	6,868	6,868	6,868
Grand Total ...	18,08,003	—1,068	18,06,935	18,06,935	18,06,935
V.—Less—Receipts on Capital Account ...	158	...	158	158	158
Net Outlay ...	18,07,845	—1,068	18,06,777	18,06,777	18,06,777
APPORTIONMENT.					
Chargeable to 49.—Irrigation	18,07,845	—1,068	18,06,777	18,06,777	18,06,777

IRRIGATION BRANCH.

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.
ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1918-1919.

49.—IRRIGATION WORKS.

NASRAT CANAL.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1918-1919.

Receipts.	Total.			Charges.	Total.		
	Previous.	1918-1919.	Total.		Previous.	1918-1919.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
I.—DIRECT RECEIPTS.				I.—EXTENSIONS AND IMPROVEMENTS.			
1. Water-rates from Irrigation ...	—153	—20	—173	2. Main Canals and Branches ...	64,981	2,315	67,296
3. Sales of water ...	98	...	98	3. Distributaries. ...	1,241	1,760	3,001
5. Plantations ...	2,577	450	3,027	Total ...	66,222	4,075	70,297
6. Other canal produce ...	1,348	8	1,356				
8. Navigation ...	33	...	33	II.—MAINTENANCE AND REPAIRS.			
9. Rents of buildings. ...	2,172	544	2,716	2. Main Canals and Branches ...	9,73,282	68,674	10,47,956
10. Fines ...	8,828	...	8,828				
11. Miscellaneous Receipts ...	3,852	416	3,768	IV.—ESTABLISHMENT.			
Total ...	13,255	1,398	14,653	1 & 2. Direction and Accounts ...	66,112	50,618	3,08,304
				3. Executive ...	1,91,574		
II.—INDIRECT RECEIPTS.				Total ...	2,57,686	50,618	3,08,304
Irrigation share of Land Revenue collected in the Civil Department ...	22,57,774	74,618	23,32,387	V.—TOOLS AND PLANT...	9,081	691	9,772
4 per cent. on 9/10ths of the proceeds from sales of occupancy rights per Government of India Nos. 53 & 58-A. I., dated, respectively, 20th June and 1st August 1889, communicated in Government Resolutions No. 1209, dated, 10th July, and No. 1913, dated 7th November 1889 ...	1,23,870	13,187	1,37,057	Total ...	13,12,271	1,24,058	14,36,329
Total ...	23,81,644	87,800	24,69,444	Share of Collection Charges in the Civil Department ...	1,35,046	4,277	1,39,322
Total, Receipts ...	23,94,899	89,198	24,84,097	Indirect charges debitable to Revenue Account as per Account No. 5 ...	36,110	7,087	43,197
<i>Notes.</i> —Loss to the canal on account of difference between assessment of water rates on Jāghir lands and assessment at the ordinary rates in force for Government lands noted here per Government of India Letter No. 233-I., dated 14th June 1883, communicated under Government Resolution No. 400, dated 11th August 1883.				Total, Charges ...	14,83,426	1,35,422	16,18,848
Rs. To end of 1917-1918...27,196 Loss for 1918-1919 ... 669				Balance Net Revenue ...	9,11,473	—46,224	8,65,249
Total ...27,765				Grand Total ...	23,94,899	89,198	24,84,097
Grand Total ...	23,94,899	89,198	24,84,097				

N. B.—Construction Estimate closed on 31st March 1907—vide Government Resolution No. 2191, dated 17th August 1903.
Completion Report approved in Government Resolution No. 1051, dated 30th April 1910.

IRRIGATION BRANCH.

BOMBAY PRESIDENCY

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1918-1919.

49.—IRRIGATION WORKS.

NASRAT CANAL.

CANAL PROJECT.

No. 4.—Interest Account for, and to end of, 1918-1919.

	Amount.		Amount.
	Rs.		Rs.
Total Interest charges to end of 1917-1918. ...	9,78,257	Net revenue realized to end of 1917-1918 ...	9,11,473
		Do. during 1918-1919 ...	- 46,224
Interest charges for the year 1918-1919. ...	62,927		8,65,249
Total ...	10,41,184	Balance net Interest charges ...	1,76,935
		Total ...	10,41,184

No. 5.—Account of Indirect Charges for, and to end of, 1918-1919.

Particulars.			Previous.	1918-1919.	Total.
			Rs.	Rs.	Rs.
CAPITAL—					
1. Capitalized abatement of Land Revenue ...	...	...	22,749	.....	22,749
2. Leave and Pension Allowances ...	...	...	35,477	—37	35,440
		Total ...	58,226	—37	58,189
REVENUE—					
1. Capitalized abatement of Land Revenue ...	...	...	33	.....	33
2. Leave and Pension Allowances ...	...	...	36,077	7,087	43,164
		Total ...	36,110	7,087	43,197

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 capital Sanctions.	Total.	Charges to date.	Amount of sanctioned Estimate.	Unspent balance of Estimate.		
DIRECT CHARGES.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
Works ...	15,71,638	24,719	15,46,919				15,46,919	
Establishment ...	2,23,469	29,679	2,53,148				2,53,148	
Tools and Plant ...	5,046	1,822	6,868				6,868	
Total ...	18,00,153	6,782	18,06,935				18,06,935	
Less—Receipts on Capital Account ...	158	...	158				158	
Net Total ...	17,99,995	6,782	18,06,777				18,06,777	
INDIRECT CHARGES.								
Capitalized abatement of Land Revenue ...	15,098	7,651	22,749				22,749	
Leave and Pension Allowances ...	31,285	4,155	35,440				35,440	
Total ...	46,383	11,806	58,189				58,189	
Grand Total ...	18,46,378	18,588	18,64,966				18,64,966	

IRRIGATION BRANCH

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1918-1919.

49.—IRRIGATION WORKS.

NAULA'KHI CANAL.

CANAL PROJECT.

No. 4.—Interest Account for, and to end of, 1918-1919.

	Amount.		Amount.
	Rs.		Rs.
Total interest charges to end of 1917-1918 ...	2,616	Net revenue realized to end of 1917-1918 ...	...
		Do. during 1918-1919 ...	...
Interest charges for the year 1918-1919 ...	178		...
		Balance net interest charges ...	2,704
Total ...	2,794	Total ...	2,794

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 Capital sanctions.	Total.	Charges to date.	Amount of sanctioned Estimate.	Unspent balance of Estimate.		
DIRECT CHARGES.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
Works	4,876	9,72,019	9,67,143	4,876	Project sanctioned by the Secretary of State in Despatch No. 61—P. W., dated 30th December 1898, communicated in Government of India's No. 5—L, dated 14th January 1899—vide Government Resolution No. W. L.—146, dated 30th idem. The date for the construction of the work extended for a further period of 5 years from 8th December 1910, vide Government of India's letter No. 1270—L, dated 21st December 1910, communicated in Government Resolution (P. W.) No. 79, dated 17th January 1911.
Establishment	236	2,31,493	2,31,257	236	
Tools and Plant	14,423	14,423	...	
Total	5,112	12,17,935	12,12,823	5,112	
Less.—Receipts on Capital Account	
Net Total	5,112	12,17,935	12,12,823	5,112	
INDIRECT CHARGES.								
Capitalized abatement of Land Revenue	12,470	12,470	...	
Leave and Pension Allowances	33	32,149	32,116	33	
Total	33	44,619	44,586	33	
Grand Total	5,145	12,62,554	12,57,409	5,145	

N. B.—Last Capital Account detailed in the Administrative Accounts for 1908-1904.

IRRIGATION BRANCH.

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.
ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1918-1919.

49.—IRRIGATION WORKS.

HATHMATI AND KHARI CUT CANALS.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1918-1919.

Receipts.	Total.			Charges.	Total.		
	Previous.	1918-1919.	Total.		Previous.	1918-1919.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
I.—DIRECT RECEIPTS.				I.—EXTENSIONS AND IMPROVEMENTS.			
1. Water-rates from Irrigation ...	9,30,311	36,002	9,66,313	1. Head Works ...	12,724	1,909	14,633
3. Sales of water ...	1,433	5	1,438	2. Main Canals and Branches ...	61,493	4,960	66,453
4. Water-supply of towns ...	1,344	575	1,919	3. Distributaries ...	7,057	...	7,057
5. Plantations ...	66,164	7	66,171	Total ...	81,274	6,869	88,143
6. Other Canal Produce ...	...	2,088	2,088				
9. Rents of Buildings ...	36	1	37	II.—MAINTENANCE AND REPAIRS.			
10. Fines ...	359	...	359	1. Head Works ...	76,192	4,126	80,318
11. Miscellaneous Receipts ...	23,386	2,537	25,923	2. Main Canals and Branches ...	2,90,840	10,346	3,01,186
Total ...	10,23,033	41,215	10,64,248	3. Distributaries ...	78,278	3,452	81,730
				4. Drainage and Protective Works ...	4,402	...	4,402
II.—INDIRECT RECEIPTS.				Total ...	4,49,712	17,924	4,67,636
Irrigation share of Land Revenue collected in the Civil Department.	...	...	...	III.—COMPENSATION ...	3,615	...	3,615
Total, Receipts ...	10,23,033	41,215	10,64,248	IV.—ESTABLISHMENT.			
				1 & 2. Direction and Accounts ...	24,250	3,466	2,34,342
				3. Executive ...	2,06,626		
				Total ...	2,30,876	3,466	2,34,342
				V.—TOOLS AND PLANT ...	8,142	197	8,339
				Profit and Loss ...	186	...	186
				VI.—REFUNDS OF REVENUE ...	3,786	57	3,843
				Total ...	7,77,591	28,513	8,06,104
				Share of Collection Charges in the Civil Department ...	46,541	1,800	48,341
				Indirect Charges debitable to Revenue Account as per Account No. 5 ...	34,782	485	35,267
				Total, Charges ...	8,58,914	30,798	8,89,712
				Balance Net Revenue ...	1,64,119	10,417	1,74,536
Grand Total ...	10,23,033	41,215	10,64,248	Grand Total ...	10,23,033	41,215	10,64,248

N. H.—Last Capital Account detailed in the Administrative Accounts for 1914-15 and No. 6 in the Administrative Accounts for 1915-16.
Construction Estimate of the Hathmati Canal closed in 1893-94 and that of the Khari Cut Canal closed on 31st March 1893—*vide* Government Resolution No. 1411, dated 12th September 1893, *vide* also Government Resolution No. 2902 of 10th December 1892.
Completion Report of the Khari Cut Canal approved in Government Resolution No. 688 of 16th April 1894.

IRRIGATION BRANCH.

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.
ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1918-1919.

49.—IRRIGATION WORKS.

HA'THMATI AND KHARI CUT CANALS.

CANAL PROJECT.

No. 4.—Interest Account for, and to end of, 1918-1919.

	Amount.		Amount.
	Rs.		Rs.
Total interest charges to end of 1917-1918	10,64,820	Net revenue realized to end of 1917-1918.	1,64,119
		Do. during 1918-1919.	10,417
Interest charges for the year 1918-1919	43,209	Balance net interest charges	1,74,536
			9,33,493
Total	11,08,029	Total	11,08,029

No. 5.—Account of Indirect Charges for, and to end of, 1918-1919.

Particulars.	Previous.	1918-1919.	Total.
	Rs.	Rs.	Rs.
REVENUE—			
1. Capitalized abatement of Land Revenue ...	825	.....	825
2. Leave and Pension Allowances ...	33,957	485	34,442
Total ...	34,782	485	35,267

IRRIGATION BRANCH.

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1918-1919.

49.—IRRIGATION WORKS.

LOWER PANJHRA RIVER WORKS.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1918-1919.

Receipts.	Total.			Charges.	Total.		
	Previous.	1918-1919.	Total.		Previous.	1918-1919.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
I.—DIRECT RECEIPTS.				I.—EXTENSIONS AND IMPROVEMENTS.			
1. Water-rates from Irrigation ...	3,99,273	*13,262	4,12,535	1. Head Works ...	1,428	...	1,428
3. Sales of water ...	440	...	440	2. Main Canals and Branches ...	23,605	516	24,121
5. Plantations ...	21,233	250	23,296	3. Distributaries ...	9,358	...	9,358
6. Other Canal Produce ...		1,813		Total ...	34,391	516	34,907
9. Rents of Buildings.	37	6	43	II.—MAINTENANCE AND REPAIRS.			
10. Fines ...	508	...	508	1. Head Works ...	32,836	546	33,382
11. Miscellaneous Receipts ...	5,867	388	6,255	2. Main Canals and Branches ...	17,195	5	17,200
Total ...	4,27,353	15,721	4,43,074	3. Distributaries ...	70,951	691	71,642
II.—INDIRECT RECEIPTS.				4. Drainage and Protective Works ...	2,728	...	2,728
Irrigation share of Land Revenue collected in the Civil Department.	2,12,088	2,784	2,14,872	Total ...	1,23,710	1,242	1,24,952
Total, Receipts ...	6,39,441	18,505	6,57,946	IV.—ESTABLISHMENT.			
				1 & 2. Direction and Accounts ...	9,844	1,450	1,00,927
				3. Executive ...	89,683		
				Total ...	99,477	1,450	1,00,927
				V.—TOOLS AND PLANT ...	2,607	51	2,658
				Profit and Loss ...	19	...	19
				VI.—REFUNDS OF REVENUE ...	3,896	...	3,896
				Suspense Account ...	140	...	140
				Total ...	2,64,240	3,259	2,67,499
				Share of Collection Charges in the Civil Department ...	55,144	1,369	56,513
				Indirect Charges debitable to Revenue Account as per Account No. 5 ...	14,443	203	14,646
				Total Charges ...	3,33,827	4,831	3,38,658
				Balance Net Revenue ...	8,05,614	13,674	3,19,288
Grand Total ...	6,39,441	18,505	6,57,946	and Total ...	6,39,441	18,505	6,57,946

* Includes Rs. 23 adjusted by Journal Entry second batch.

N. B.—Last Capital Account detailed in the Administrative Accounts for 1893-94.

Construction Estimate closed on 31st March 1895—vide Government Resolution No. 148, dated 31st January 1896.

Completion Report approved in Government Resolution No. 1892, dated 3rd October 1896.

IRRIGATION BRANCH.

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAP 1918-1919.

49.—IRRIGATION WORKS.

LOWER PÁNJHRA RIVER WORKS.

TANK PROJECT.

No. 4.—Interest Account for, and to end of, 1918-1919.

	Amount.		Amount.
	Rs.		Rs.
Total interest charges to end of 1917-1918 ...	7,97,007	Net revenue realized to end of 1917-1918 Do. during 1918-1919 ...	3,05,614 13,674
Interest charges for the year 1918-1919.	15,507	Balance net interest charges ...	3,19,289 4,98,226
Total ...	8,12,514	Total ...	8,12,514

No. 5.—Account of Indirect Charges for, and to end of, 1918-1919.

Particulars.	Previous.	1918-1919.	Total.
	Rs.	Rs.	Rs.
REVENUE—			
1. Capitalized abatement of Land Revenue ...	94	...	94
2. Leave and Pension Allowances ...	14,349	203	14,552
Total ...	14,443	203	14,646

IRRIGATION BRANCH.

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1918-1919.

49.—IRRIGATION WORKS.

KADWA RIVER WORKS.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1918-1919.

Receipts.	Total.			Charges.	Total.		
	Previous.	1918-1919.	Total.		Previous.	1918-1919.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
I.—DIRECT RECEIPTS.				I.—EXTENSIONS AND IMPROVEMENTS.			
1. Water-rates from Irrigation ...	5,32,522	41,039	5,73,561	1. Head Works ..	3,807	1,480	5,287
3. Sales of water ...	448	7	455	2. Main Canals and Branches ...	5,487	5,000	10,487
5. Plantations ...	22,742	2,539	25,281	3. Distributaries ...	342	...	342
6. Other Canal Produce ...				Total ...	9,636	6,480	16,116
9. Rents of Buildings.	248	6	248	II.—MAINTENANCE AND REPAIRS.			
10. Fines ...	645	22	667	1. Head Works ...	39,062	3,367	42,429
11. Miscellaneous receipts ...	6,601	613	7,214	2. Main Canals and Branches ...	1,33,445	4,868	1,38,313
Total ...	5,63,206	44,226	6,07,426	3. Distributaries ...	12,487	1,077	13,564
II.—INDIRECT RECEIPTS.				Total ...	1,84,994	9,312	1,94,306
Irrigation share of Land Revenue collected in the Civil Department.				IV.—ESTABLISHMENT.			
Enhanced Land Revenue as per Government Resolution No. 428, dated 6th August 1875.	25,539	594	26,133	1 & 2. Direction and Accounts ...	13,686	10,484	2,32,161
Total ...	25,539	594	26,133	3. Executive ...	2,07,991		
				Total ...	2,21,677	10,484	2,32,161
Total, Receipts ...	5,88,739	44,820	6,33,559	V.—TOOLS AND PLANT ...	5,313	339	5,652
Carried over ...	5,88,739	44,820	6,33,559	Carried over ..	4,21,620	26,615	4,48,235

IRRIGATION BRANCH.

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1918-1919.

49.—IRRIGATION WORKS.

KA'DWA RIVER WORKS.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1918-1919.

Receipts.	Total.			Charges.	Total.		
	Previous.	1918-1919.	Total.		Previous.	1918-1919.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
Brought forward ...	5,88,739	44,820	6,33,559	Brought forward...	4,21,620	26,615	4,48,235
				VI.—REFUNDS OF REVENUE ...	420	...	420
				Total ...	4,22,049	26,615	4,48,664
				Share of Collection Charges in the Civil Department .	28,768	2,052	28,820
				Indirect Charges debitable to Revenue Account as per Account No. 5 ...	32,002	1,468	33,470
				Total, Charges ...	4,80,819	30,135	5,10,954
				Balance Net Revenue ...	1,07,920	14,685	1,22,605
Grand Total ...	5,88,739	44,820	6,33,559	Grand Total ...	5,88,739	44,820	6,33,559

Notes.—Loss of revenue due to concessions granted for wheat cultivation during the Kabi season 1916-17, under Government Resolution No. A.L.—12327, dated 18th December 1917—Rs. 2,460.

N. B.—Last Capital Account detailed in the Administrative Accounts for 1910-11.

Construction Estimate closed on 31st March 1908—vide Government Resolution No. 2245, dated 25th August 1906. Completion Report approved in Government Resolution No. 1041, dated 29th April 1910.

No. 4.—Interest Account for, and to end of, 1918-1919.

	Amount.		Amount.
	Rs.		Rs.
Total interest charges to end of 1917-1918 ...	11,44,300	Net revenue realized to end of 1917-1918 Do. during 1918-1919.	1,07,920 14,685
Interest charges for the year 1918-1919.	33,834	Balance net interest charges ...	1,22,605 10,55,629
Total ...	11,78,134	Total ...	11,78,134

No. 5.—Account of Indirect Charges for, and to end of, 1918-1919.

Particulars.	Previous.	1917-1918.	Total.
	Rs.	Rs.	Rs.
REVENUE—			
1. Capitalized abatement of Land Revenue ...	11	.....	11
2. Leave and Pension Allowances ...	31,991	1,468	32,459
Total ...	82,002	1,468	33,470

IRRIGATION BRANCH.

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1918-1919.

49.—IRRIGATION WORKS.

PRAVARA RIVER WORKS—LA'KH CANAL.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1918-1919.

Receipts.	Total.			Charges.	Total.		
	Previous.	1918-1919.	Total.		Previous.	1918-1919.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
I.—DIRECT RECEIPTS				I.—EXTENSIONS AND IMPROVEMENTS.			
1. Water-rates from Irrigation ...	58,981	1,450	60,431	1. Head Works ...	629	...	629
3. Sales of water ...	47	7	54				
5. Plantations ...	13,349	125	14,251	2. Main Canals and Branches ...	86	...	86
6. Other Canal Produce ...		277					
9. Rents of Buildings ...	85	1	86				
10. Fines ...	169	81	250	Total ...	715	...	715
11. Miscellaneous Receipts ...	711	...	711				
Total ...	73,842	1,941	75,783	II.—MAINTENANCE AND REPAIRS.			
				1. Head Works ...	10,574	...	10,574
II.—INDIRECT RECEIPTS.				2. Main Canals and Branches ...	1,37,829	1,535	1,39,164
Irrigation share of Land Revenue collected in the Civil Department ...	...	...	...	3. Distributaries ...	4,950	...	4,950
Revenue from "Galper" land treated as Land Revenue—vide Government Resolution No. 1829, dated 23rd November 1893 ...	5,976	225	6,201	Total ...	1,53,153	1,535	1,54,688
Total ...	5,976	225	6,201	IV.—ESTABLISHMENT.			
				1 & 2. Direction and Accounts ...	10,945	1,277	1,51,252
				3. Executive ...	1,39,020		
Total ...	5,976	225	6,201	Total ...	1,49,965	1,277	1,51,242
Total, Receipts ...	79,818	2,166	81,984	V.—TOOLS AND PLANT ...	2,801	33	2,834
Carried over ...	79,818	2,166	81,984	Carried over ...	3,06,634	2,845	3,09,479

IRRIGATION BRANCH.

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1918-1919.

49.—IRRIGATION WORKS.

PRAVARA RIVER WORKS—LÁKH CANAL.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1918-1919.

Receipts.	Total.			Charges.	Total.		
	Previous.	1918-1919.	Total.		Previous.	1918-1919.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
Brought forward ...	79,818	2,166	81,984	Brought forward ...	3,06,634	2,846	3,09,479
				VI.—REFUNDS OF REVENUE ...	116	...	116
				Total ...	3,06,750	2,845	3,09,595
				Share of Collection Charges in the Civil Department ...	3,551	99	3,650
				Indirect Charges debitable to Revenue Account as per Account No. 5 ...	22,652	179	22,831
				Total, Charges ...	3,32,953	3,123	3,36,076
				Balance Net Revenue ...	2,53,135	—957	2,54,092
Grand Total ...	79,818	2,166	81,984	Grand Total ...	79,818	2,166	81,984

N.B.—Last Capital Account detailed in the Administrative Accounts for 1894-95.

Construction Estimate closed on 31st March 1894—vide Government Resolution No. 1707, dated 2nd November 1894.

Completion Report approved in Government Resolution No. 87, dated 20th January 1896, and No. 1187, dated 17th August 1896.

Note.—Loss of Revenue due to concessions granted for wheat cultivation during the rabi season 1916-17, vide Government Resolution No. A. I. 12327, dated 18th December 1917, Rs. 250.

No. 4.—Interest Account for, and to end of, 1918-1919.

	Amount.		Amount.
	Rs.		Rs.
Total Interest charges to end of 1917-1918 ...	6,69,077	Net revenue realized to end of 1917-18 ...	—2,53,135
Interest charges for the year 1918-1919 ...	12,271	Do. during 1918-19 ...	—957
Total ...	6,81,348	Balance net Interest charges ...	—2,54,092
		Total ...	9,35,410
			6,81,348

No. 5.—Account of Indirect Charges for, and to end of, 1918-1919.

Particulars.	Previous.	1918-1919.	Total.
	Rs.	Rs.	Rs.
REVENUE—			
2. Leave and Pension Allowances ...	22,652	179	22,831

IRRIGATION BRANCH.

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1918-1919.

49.—IRRIGATION WORKS.

MUTHA CANALS INCLUDING MA'TOBA TANK.

TANK PROJECT.

No. 2.—Capital Account for, and to end of, 1918-1919.

Heads of Account.	DIRECT CHARGES.			Cost of construction as now estimated. (Construction estimate closed on 31st March 1907.)	Expenditure against closed estimates.
	Previous.	1918-1919.	Total.		
I.—WORKS.	Rs.	Rs.	Rs.	Rs.	Rs.
(1) Head Works.					
A. Preliminary Expenses	8,391	...	8,391	8,391	8,391
B. Land	3,53,177	...	3,53,177	3,53,177	3,53,177
C. Masonry Works	28,90,673	...	28,90,673	28,90,673	28,90,673
K. Buildings	17,287	...	17,287	17,287	17,287
M. Plantations	3,059	...	3,059	3,059	3,059
O. Miscellaneous	820	...	820	820	820
P. Maintenance	1,231	...	1,231	1,231	1,231
Total, Head Works ...	32,74,638	...	32,74,638	32,74,638	32,74,638
(2) Main Canals and Branches.					
A. Preliminary Expenses... ..	2,828	...	2,828	2,828	2,828
B. Land	1,26,843	...	1,26,843	1,26,843	1,26,843
C (a). Regulators	37,342	...	37,342	37,342	37,342
C (c). River and Hill Torrent Works...	5,21,670	...	5,21,670	5,21,670	5,21,670
C (e). Bridges	95,170	...	95,170	95,170	95,170
C (f). Escapes	18,120	...	18,120	18,120	18,120
J. Mills	56,415	...	56,415	56,415	56,415
K. Buildings	10,111	...	10,111	10,111	10,111
L. Earth-work	9,89,763	...	9,89,763	9,89,763	9,89,763
M. Plantations	16,011	...	16,011	16,011	16,011
O. Miscellaneous	1,868	...	1,868	1,868	1,868
P. Maintenance	4,566	...	4,566	4,566	4,566
Total, Main Canals and Branches ...	18,80,707	...	18,80,707	18,80,707	18,80,707
Carried over ...	51,55,345	...	51,55,345	51,55,345	51,55,345

IRRIGATION BRANCH.

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1918-1919.

49.—IRRIGATION WORKS.

MUTHA CANALS INCLUDING MA'TOBA TANK.

TANK PROJECT.

No. 2.—Capital Account for, and to end of, 1918-1919.

Heads of Account.	DIRECT CHARGES.			Cost of construction as now estimated. (Construction estimate closed on 31st March 1897.)	Expenditure against closed estimates.
	Previous.	1918-1919.	Total.		
Brought forward ...	Rs. 51,55,345	Rs. ...	Rs. 51,55,345	Rs. 51,55,345	Rs. 51,55,345
(3) Distributaries.					
A. Preliminary Expenses ...	6,740	27	6,767	6,853	6,740
B. Land ...	5,666	...	5,666	5,666	5,666
C. Masonry Works ...	3,03,419	...	3,03,419	3,03,419	3,03,419
L. Earth-work ...	73,961	...	73,961	73,961	73,961
M. Plantations ...	407	...	407	407	407
O. Miscellaneous ...	8,01,559	...	8,01,559	8,01,559	8,01,559
Total, Distributaries ...	11,91,752	27	11,91,779	11,91,865	11,91,752
(4) Drainage and Protective Works.					
B. Land ...	7,328	...	7,328	7,328	7,328
L. Earth-work ...	1,188	...	1,188	1,188	1,188
Total, Drainage and Protective Works.	8,516	...	8,516	8,516	8,516
Adjustment of previous outlay as per footnote under this Account.	-8,04,394	-4,58,772	-12,63,166	-12,63,166	-12,63,166
Total, I.—Works ...	55,51,219	-4,58,745	50,92,474	50,92,560	50,92,447
II.—ESTABLISHMENT.					
1 & 2. Direction and Accounts ...	2,81,634	} 6	11,43,506	} 11,43,671	2,81,634
3. Executive ...	8,61,866		146		8,61,866
4. Medical ...	146		146		146
Departmental charges as per footnote.	-56,131	-45,816	-1,01,947	-1,01,947	-1,01,947
Total, II.—Establishment ...	10,87,515	-45,810	10,41,705	10,41,724	10,41,699
III.—TOOLS AND PLANT ...	1,28,149	-9,862 1	1,18,288	1,18,289	1,18,287
IV.—SUSPENSE ACCOUNTS ...	-1,136	...	-1,136	-1,136	-1,136
Grand Total ...	67,65,747	-5,14,416	62,51,331	62,51,437	62,51,297
V.—Less Receipts on Capital Account.	12,328	...	12,328	12,328	12,328
Net Outlay ...	67,53,419	-5,14,416	62,39,003	62,39,109	62,38,969
Apportionment.					
Chargeable to—					
49.—Irrigation ...	57,98,412	-5,14,450	52,83,962	52,83,962	52,83,962
43.—Minor Works and Navigation.	{ 18,15,532 -8,60,525 }	{ } 34	9,55,041	9,55,147	9,55,007
Total ...	67,53,419	-5,14,416	62,39,003	62,39,109	62,38,969

Note.—Owing to the separation of the account of the Poona Works from those of the Mutha Canal and the creation of the new Executive District called "Poona water works District" the following amounts have been credited to this Project as per Government of India (Public Works Department) letter No. 105 A-1, dated 8th February 1919, communicated in Government Resolution (Public Works Department) No. 5950, dated 26th May 1910.

	Works.	Establishment.	Tools and Plant.
	Rs.	Rs.	Rs.
Adjustment carried out through the accounts under the head "49, Irrigation Works" ...	-4,58,772	-45,816	-9,862
Adjustment carried out through the previous column of the Administrative Accounts on account of the full cost of two steam engines, centrifugal pumps and Paterson filter plant ...	-2,43,081	...	...
Adjustment carried out through the previous column of the Administrative account on account of the balance of the outlay debited to "43" with 10 per cent. extra for departmental charges ...	-5,61,313	-56,131	...
Total ...	-12,63,166	-1,01,947	-9,862

IRRIGATION BRANCH.

BOMBAY PRESIDENCY

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1918-1919.

49.—IRRIGATION WORKS.

MUTHA CANALS INCLUDING MA'TOBA TANK.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1918-1919.

Receipts.	Total.			Charges.	Total.		
	Previous.	1918-1919.	Total.		Previous.	1918-1919.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
I.—DIRECT RECEIPTS.				I.—EXTENSIONS AND IMPROVEMENTS.			
1. Water-rates from Irrigation ...	59,80,914	80,500	60,61,414	1. Head Works ...	27,760	2,517	30,277
3. Sales of water ...	1,06,931	2,079	1,09,010	2. Main Canals and Branches ...	32,656	2,337	84,993
4. Water-supply of towns ...	46,15,950	2,55,812	48,71,762	3. Distributaries ...	79,505	3,624	83,129
5. Plantations ...	1,81,959	2,698	1,36,851	4. Drainage and Protective Works ...	4,671	193	4,864
6. Other canal produce ...	64,800	1,194	64,800	Total ...	1,44,592	8,671	1,53,263
7. Water power ...	30	403	433				
8. Navigation ...	5,070	118	5,188	II.—MAINTENANCE AND REPAIRS.			
9. Rents of buildings ...	172	1,974	2,146	1. Head Works ...	1,23,476	6,418	1,29,894
11. Miscellaneous receipts ...	2,01,829	11,219	2,13,048	2. Main Canals and Branches ...	7,04,181	27,702	7,31,883
Total ...	1,11,07,656	3,55,997	1,14,63,652	3. Distributaries ...	9,99,945	69,182	10,69,127
				4. Drainage and Protective Works ...	179	...	179
II.—INDIRECT RECEIPTS.				Total ...	18,27,781	1,03,302	19,31,083
Irrigation share of Land Revenue collected in the Civil Department ...	...	...	...	III.—COMPENSATION ...	494	...	494
Irrigation share on account of percolation from the Canal—vide Government Resolutions Nos. 1159 and 1533, dated, respectively 21st July and 29th September 1892 ...	1,008	(a) 155	1,163	IV.—ESTABLISHMENT.			
Total ...	1,008	155	1,163	1 & 2. Direction and Accounts ...	1,22,930	83,753	14,55,072
Total, Receipts ...	1,11,08,663	3,56,152	1,14,64,815	3. Executive ...	12,48,389		
				Total ...	13,71,319	83,753	14,55,072
				V.—TOOLS AND PLANT ...	1,53,803	2,407	1,56,210
Carried over ...	1,11,08,663	3,56,152	1,14,64,815	Carried over ...	34,97,989	1,98,133	36,91,122

(a) For the years 1916-17 and 1917-18 and 1918-19.

IRRIGATION BRANCH.

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.
ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1918-1919.

49.—IRRIGATION WORKS.

MUTHA CANALS INCLUDING MA'TOBA TANK.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1918-1919.

Receipts.	Total.			Charges.	Total.		
	Previous.	1918-1919.	Total.		Previous.	1918-1919.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
Brought forward ...	1,11,08,663	3,56,152	1,14,64,815	Broughtforward ...	84,97,989	1,98,133	36,91,122
				VI.—REFUNDS OF REVENUE .	22,277	172	22,440
				Suspense Account ...	...	—1,408	—1,408
				Total ...	35,20,266	1,96,897	37,17,163
				Share of Collection Charges in the Civil Department .	2,96,452	3,788	3,00,240
				Indirect Charges debitable to Revenue Account as per Account No. 5 ...	1,96,767	11,725	2,08,512
				Total, Charges ...	40,13,505	2,12,410	42,25,915
				Balance Net Revenue ...	70,95,158	1,43,742	72,38,900
Grand Total ...	1,11,08,663	3,56,152	1,14,64,815	Grand Total ...	1,11,08,663	3,56,152	1,14,64,815

N.B.—Construction Estimate of the Mutha Canal closed on 31st March 1897—*vide* Government Resolution No. 710, dated 13th May 1897; and that of the Mátoba Tank on 31st March 1892—*vide* Government Resolution No. 1411, dated 12th September 1893. Completion Report of the Mutha Canal approved in Government Resolution No. 2241 of 30th October 1901 and that of the Mátoba Tank in Government Resolution No. 827 of 17th May 1894.

Note.—Loss of revenue due to concessions granted for wheat cultivation during the Rabi season 1916-17, *vide* Government Resolution No. A.I.—12327, dated 18th December 1917, Rs. 2,665.

No. 4.—Interest Account for, and to end of, 1918-1919.

	Amount.		Amount.
	Rs.		Rs.
Total Interest charges to end of 1917-1918 ...	1,10,20,650	Net revenue realized to end of 1917-1918 ...	70,95,158
Interest charges for the year 1918-1919.	2,26,185	Do. ... during 1918-1919.	1,43,742
		Balance net Interest charges ...	72,38,900
Total ...	1,12,46,835	Total ...	40,07,935
			1,12,46,835

IRRIGATION BRANCH.

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1918-1919.

49.—IRRIGATION WORKS.

MUTHA CANALS INCLUDING MA'TOBA TANK.

TANK PROJECT.

No. 5.—Account of Indirect Charges for, and to end of, 1918-1919.

Particulars,	Previous.	1917-1918.	Total.
	Rs.	Rs.	Rs.
CAPITAL—			
1. Capitalized abatement of Land Revenue	93,528	.....	93,528
2. Leave and Pension Allowances	2,08,026	{ (a) 1 —6,414 }	2,01,613
Total ...	3,01,554	—6,413	2,95,141
REVENUE—			
2. Leave and Pension Allowances	1,96,787	11,725	2,08,512

(a) Vide footnote under No. 2 Account.

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 Capital Sanctions.	Total.	Charges to date.	Amount of sanctioned Estimate.	Unspent balance of Estimate.		
DIRECT CHARGES.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
Works ...	54,32,020	—3,39,573	50,92,447	27	113	86	50,92,474	Rs. 144 Government Order No. W.I.-11641 (Public Works Department, dated 29th November 1916.)
Establishment ...	10,12,260	29,439	10,41,699	6	25	19	10,41,705	
Tools and Plant ...	1,19,987	—1,700	1,18,287	1	2	1	1,18,289	
Suspense Accounts ...	...	—1,136	—1,136	...	...	...	—1,136
Total ...	65,64,267	—3,12,970	62,51,297	34	140	106	62,51,331	
Less—Receipts on Capital Account ...	12,234	94	12,328	...	...	...	12,328
Net Total ...	65,52,033	—3,13,064	62,38,969	34	140	106	62,39,003	
INDIRECT CHARGES.								
Capitalized abatement of Land Revenue ...	53,776	34,752	93,528	...	...	...	93,528
Leave and Pension Allowances... ..	1,59,546	12,066	2,01,612	1	4	3	2,01,613	
Total ...	2,48,322	46,818	2,95,140	1	4	3	2,95,141	
Grand Total ..	68,00,355	—2,66,246	65,34,109	35	144	109	65,34,144	

IRRIGATION BRANCH.

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1918-1919.

49.—IRRIGATION WORKS.

EKRUK TANK.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1918-1919.

Receipts.	Total.			Charges.	Total.		
	Previous.	1918-1919.	Total.		Previous.	1918-1919.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
I.—DIRECT RECEIPTS.				I.—EXTENSIONS AND IMPROVEMENTS.			
1. Water-rates from Irrigation ...	6,18,265	31,152	6,49,417	1. Head Works ...	5,052	44	5,096
3. Sales of water ...	3,53,122	76,726	4,29,848	2. Main Canals and Branches ...	44,494	337	44,831
4. Water-supply of towns... ..	2,66,390	...	2,66,390	3. Distributaries ...	1,075	...	1,075
5. Plantations ...	1,69,430	1,153	1,75,317	Total ...	50,621	381	51,002
6. Other Canal produce ...		4,734					
9. Rents of Buildings ...	354	5	359				
11. Miscellaneous Receipts ...	27,692	1,294	28,986				
Total ...	14,35,253	1,15,064	15,50,317	II.—MAINTENANCE AND REPAIRS.			
				1. Head Works ...	90,778	3,792	94,570
II.—INDIRECT RECEIPTS.				2. Main Canals and Branches ...	2,56,084	6,757	2,62,841
Irrigation share of Land Revenue collected in the Civil Department ...	...	...	...	3. Distributaries ...	5,922	—587	5,335
				Total ...	3,52,784	9,962	3,62,746
				III.—COMPENSATION ...	69	...	69
				IV.—ESTABLISHMENT.			
				1 & 2. Direction and Accounts ...	30,828	5,227	2,56,807
				3. Executive ...	2,20,952		
				Total ...	2,51,580	5,227	2,56,807
				V.—TOOLS AND PLANT ...	7,120	301	7,421
Carried over ...	14,35,253	1,15,064	15,50,317	Carried over ...	6,62,174	15,871	6,78,045

IRRIGATION BRANCH.

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1918-1919.

49.—IRRIGATION WORKS.

EKRUK TANK.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1918-1919.

Receipts.	Total.			Charges.	Total.		
	Previous.	1918-1919.	Total.		Previous.	1918-1919.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
Brought forward ...	14,35,258	1,15,064	15,50,317	Brought forward ...	6,62,174	15,871	6,78,045
				VI.—REFUNDS OF REVENUE.	1,157	...	1,157
				Suspense Account ...	—71	...	—71
				Total ...	6,63,260	15,871	6,79,131
				Share of Collection Charges in the Civil Department...	34,673	5,391	40,064
				Indirect Charges debitable to Revenue Account as per Account No. 5 ...	39,197	732	39,929
				Total Charges ...	7,37,130	21,994	7,59,124
				Balance Net Revenue ...	6,98,123	93,070	7,91,193
Grand Total ...	14,35,253	1,15,064	15,50,317	Grand Total ...	14,35,253	1,15,064	15,50,317

N.B.—Last Capital Account detailed in the Administrative Accounts for 1895-1896.

Construction Estimate closed on 31st March 1891—vide Government Resolution No. 1253, dated 28th July 1891.

No. 4.—Interest Account for, and to end of, 1918-1919.

	Amount.		Amount.
	Rs.		Rs.
Total Interest charges to end of 1917-1918 ...	22,88,265	Net revenue realized to end of 1917-1918 ...	6,98,123
Interest charges for the year 1918-1919.	42,761	Do. ... during 1918-1919.	93,070
		Balance net Interest charges ...	7,91,193
			15,19,833
Total ...	23,11,026	Total ...	23,11,026

No. 5.—Account of Indirect Charges for, and to end of, 1918-1919.

Particulars.	Previous.	1918-1919.	Total.
	Rs.	Rs.	Rs.
REVENUE—			
2. Leave and Pension Allowances...	39,197	732	39,929

IRRIGATION BRANCH.

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1918-1919.

49.—IRRIGATION WORKS.

KRISHNA CANAL.

CANAL PROJECT.

No. 2.—Capital Account for, and to end of, 1918-1919.

Heads of Account.	DIRECT CHARGES.			Cost of construction as now estimated. (Construction estimate closed on 31st March 1892).	Expenditure against closed estimates.
	Previous.	1918-1919.	Total.		
I.—WORKS.	Rs.	Rs.	Rs.	Rs.	Rs.
(1)—Head Works.					
A. Preliminary Expenses ...	633	...	633	633	633
C. Works ...	2,04,990	...	2,04,990	2,07,072	1,45,889
K. Buildings ...	1,430	...	1,430	1,430	1,430
Total, Head Works ...	2,07,053	...	2,07,053	2,09,125	1,47,952
(2)—Main Canals and Branches.					
A. Preliminary Expenses ...	1,649	...	1,649	1,649	1,649
B. Land ...	16,740	...	16,740	16,740	16,740
F. River and Hill Torrent Works ...	1,95,671	...	1,95,671	1,95,671	1,95,671
G. Bridges ...	32,208	...	32,208	32,208	32,208
K. Buildings ...	12,100	...	12,100	12,100	12,100
L. Earth-work ...	2,32,717	...	2,32,717	2,32,717	2,32,717
M. Plantations ...	882	...	882	882	882
O. Miscellaneous ...	513	...	513	513	513
P. Maintenance ...	3,423	...	3,423	3,423	3,423
Total, Main Canals and Branches ...	4,95,903	...	4,95,903	4,95,903	4,95,903
(3)—Distributaries.					
B. Land ...	562	...	562	562	562
C. Works ...	16,279	...	16,279	16,279	16,279
L. Earth-work ...	12,442	...	12,442	12,442	12,442
M. Plantations ...	2,897	...	2,897	2,897	2,897
Total, Distributaries ...	32,180	...	32,180	32,180	32,180
Total, I.—Works ...	7,35,136	...	7,35,136	7,37,218	6,76,035
II.—ESTABLISHMENT.					
1 & 2. Direction and Accounts ...	36,686	...	36,686	1,55,459	{ 83,980
3. Executive ...	1,18,587	...	1,18,587		
Total, Establishment ...	1,55,273	...	1,55,273	1,55,459	1,42,520
III.—TOOLS AND PLANT ...	2,568	...	2,568	2,565	1,682
Grand Total ...	8,92,977	...	8,92,977	8,95,262	8,20,237
V.—Less—Receipts on Capital Account. ...	.....	...	.....	.....	.....
Net Outlay ...	8,92,977	...	8,92,977	8,95,262	8,20,237
Apportionment.					
Chargeable to 49.—Irrigation ...	8,18,545	...	8,18,545	8,18,545	8,18,545
Chargeable to 43.—Minor Works and Navigation ...	74,432	...	74,432	74,432	74,432
Total ...	8,92,977	...	8,92,977	8,92,977	8,92,977

IRRIGATION BRANCH.

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1918-1919.

49.—IRRIGATION WORKS.

KRISHNA CANAL.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1918-1919.

Receipts.	Total.			Charges.	Total.		
	Previous.	1918-1919.	Total.		Previous.	1918-1919.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
I.—DIRECT RECEIPTS.				I.—EXTENSIONS AND IMPROVEMENTS.			
1. Water-rates from Irrigation ...	16,04,807	29,783 (a) 668	16,95,268	1. Head Works ...	1,789	88	1,877
3. Sales of water...	66	...	66	2. Main Canals and Branches ...	4,841	...	4,841
4. Water-supply of towns ...	6,232	...	6,232	3. Distributaries...	565	...	565
5. Plantations ...							
6. Other Canal produce ...	85,067	464	85,531				
9. Rents of Buildings ...	2,644	119	2,763	Total ...	7,195	88	7,283
11. Miscellaneous Receipts ...	396	8	404				
Total ...	17,59,212	31,042	17,90,254	II.—MAINTENANCE AND REPAIRS.			
				1. Head Works ...	15,342	81	15,423
II.—INDIRECT RECEIPTS.				2. Main Canals and Branches ...	3,21,764	7,405	3,29,169
Irrigation share of Land Revenue collected in the Civil Department ...	...	...	...	3. Distributaries...	25,012	...	25,012
				4. Drainage and Protective Works ...	395	...	395
Total, Receipts ...	17,59,212	31,042	17,90,254	Total ...	3,62,513	7,486	3,69,999
				III.—COMPENSATION ...	19,819	(a) 252	20,071
				IV.—ESTABLISHMENT.			
				1 & 2. Direction and Accounts ...	17,181	5,068	2,37,442
				3. Executive ...	2,15,193		
				Total ...	2,32,374	5,068	2,37,442
				V.—TOOLS AND PLANT ...	5,186	181	5,367
Carried over ...	17,59,212	31,042	17,90,254	Carried over ...	6,27,087	13,075	6,40,162

IRRIGATION BRANCH.

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1918-1919.

49.—IRRIGATION WORKS.

KRISHNA CANAL.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1918-1919.

Receipts.	Total.			Charges.	Total.		
	Previous.	1918-1919.	Total.		Previous.	1918-1919.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
Brought forward ...	17,59,212	31,042	17,90,254	Brought forward ...	6,27,087	13,075	6,40,162
(a) Amount adjusted by credit to water-rates and debit <i>per contra</i> on account of the following charges recovered by the Native States from water-rate collection :—				VI.—REFUNDS OF REVENUE.	1,618	14	1,632
Loss of assessments on account of land taken up for the Canals, debited to III—Compensation—				Total ...	6,28,705	13,089	6,41,794
Rs.				Share of Collection Charges in the Civil Department ...	1,03,908	{ 1,236 } { (a) 416 }	1,05,556
Sangli State ...	252			Indirect charges debitable to Revenue Account as per Account No. 5 ...	38,381	710	39,091
Pant Pratinidhi ...	252			Total, Charges ...	7,70,989	15,451	7,86,440
Collection charges—				Balance Net Revenue ...	9,88,223	15,561	10,03,814
Pant Pratinidhi—	Rs.						
For recovery of water-rates ...	51						
Sangli State—							
For recovery of water-rates ...	365						
	416						
Total ...	668						
Grand Total ...	17,59,212	31,042	17,90,254	Grand Total ...	17,59,212	31,042	17,90,254

N.B.—Construction Estimate closed on 31st March 1892, vide Government Resolution No. 777, dated 14th May 1892. Completion Report approved in Government Resolution No. 119, dated 22nd January 1894.

No. 4.—Interest Account for, and to end of, 1918-1919.

	Amount.		Amount.
	Rs.		Rs.
Total Interest charges to end of 1917-1918 ...	15,89,533	Net revenue realized to end of 1917-1918 ...	9,88,223
Interest charges for the year 1918-1919 ...	31,092	Do. ... during 1918-1919.	15,691
		Balance net Interest charges ...	10,03,814
			6,16,811
Total ...	16,20,625	Total ...	16,20,625

No. 5.—Account of Indirect Charges for, and to end of, 1918-1919.

Particulars.	Previous.	1918-1919.	Total.
CAPITAL—	Rs.	Rs.	Rs.
1. Capitalized abatement of Land Revenue ...	21,822	.....	21,822
2. Leave and Pension Allowances ...	29,660	.....	29,660
Total ...	51,482	.....	51,482

IRRIGATION BRANCH.

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1918-1919.

49.—IRRIGATION WORKS.

KRISHNA CANAL.

CANAL PROJECT.

No. 5.—Account of Indirect Charges for, and to end of, 1918-1919—continued.

Particulars.	Previous.	1918-1919.	Total.
	Rs.	Rs.	Rs.
REVENUE—			
1. Capitalized abatement of Land Revenue	64	.....	64
2. Leave and Pension Allowances	38,317	710	39,027
Total ...	38,381	710	39,091

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 Capital Sanctions.	Total.	Charges to date.	Amount of sanctioned Estimate.	Unspent balance of Estimate.		
DIRECT CHARGES.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
Works ...	6,60,941	15,094	6,76,035	59,101	61,183	2,082	7,35,136	Estimate sanctioned in Government of India, Public Works Department, No. 333-I., dated 30th March 1916, communicated in Government Order No. W.I.-4725 (Public Works Department), dated 4th May 1916.
Establishment ...	1,39,464	3,056	1,42,520	12,753	12,939	186	1,55,273	
Tools and Plant ...	1,682	...	1,682	886	903	17	2,568	
Suspense Accounts ...	...	...	...	...	...	...	...
Total ...	8,02,087	18,150	8,20,237	72,740	75,025	2,285	8,92,977	
Less—Receipts on Capital Account ...	...	...	...	...	...	...	...
Net Total ...	8,02,087	18,150	8,20,237	72,740	75,025	2,285	8,92,977	
INDIRECT CHARGES.								
Capitalized abatement of Land Revenue ...	17,222	4,600	21,822	...	...	...	21,822
Leave and Pension Allowances ...	27,446	428	27,874	1,786	1,811	25	29,660	
Total ...	44,668	5,028	49,696	1,786	1,811	25	51,482	
Grand Total ...	8,46,755	23,178	8,69,933	74,526	76,836	2,310	9,44,459	

IRRIGATION BRANCH.

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1918-1919.

43.—MINOR WORKS AND NAVIGATION.

SUKKUR CANAL.

CANAL PROJECT.

No. 2—Capital Account for, and to end of, 1918-1919.

Heads of Account.	DIRECT CHARGES.			Cost of construction as now estimated. (Construction estimate closed on 31st March 1886.	Expenditure against closed estimates.
	Previous.	1918-1919.	Total.		
I.—WORKS.	Rs.	Rs.	Rs.	Rs.	Rs.
(1) <i>Head Works.</i>					
C. Works	2,12,211	...	2,12,211	2,12,211	2,12,211
K. Buildings	3,603	...	3,603	3,603	3,603
Total Head Works ...	2,15,814	...	2,15,814	2,15,814	2,15,814
(2) <i>Main Canals and Branches.</i>					
B. Land	13,170	...	13,170	13,170	13,170
D. Regulators	26,124	9,624	35,748	35,748	35,748
E. Falls and Weirs	14,449	...	14,449	14,449	14,449
F(1). Other cross drainage works ...	12,709	...	12,709	12,709	12,709
G. Bridges	75,347	...	75,347	75,347	75,347
K. Buildings	16,336	...	16,336	16,336	16,336
L. Earth-Work	6,84,459	...	6,84,459	6,84,459	6,84,459
M. Plantations	10,740	...	10,740	10,740	10,740
O. Miscellaneous	1,166	...	1,166	1,166	1,166
Total Main Canals and Branches ...	8,54,500	9,624	8,64,124	8,64,124	8,64,124
(3) <i>Distributaries.</i>					
C. Works	63,146	...	63,146	63,146	63,146
L. Earth-work	3,861	...	3,861	3,861	3,861
O. Miscellaneous	2,205	...	2,205	2,205	2,205
Total Distributaries ...	69,212	...	69,212	69,212	69,212
Total, I.—Works ...	11,39,526	9,624	11,49,150	11,49,150	11,49,150
II.—ESTABLISHMENT.					
1 & 2. Direction and Accounts ...	81,966	1,893	2,13,361	2,13,361	2,13,361
3. Executive	1,79,502				
Total Establishment ...	2,11,468	1,893	2,13,361	2,13,361	2,13,361
III.—TOOLS AND PLANT.	13,920	—219	13,701	13,701	13,701
Grand Total ...	13,64,914	11,298	13,76,212	13,76,212	13,76,212
V.—Less Receipts on Capital Account...	160	...	160	160	160
Net Outlay ...	13,64,754	11,298	13,76,052	13,76,052	13,76,052
<i>Apportionment.</i>					
Chargeable to 43.—Minor Works and Navigation	13,45,621	11,298	13,56,919	13,76,052	13,76,052
Local Funds	19,133	...	19,133		
Total ...	13,64,754	11,298	13,76,052	13,76,052	13,76,052

IRRIGATION BRANCH.

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1918-1919.

43.—MINOR WORKS AND NAVIGATION.

SUKKUR CANAL.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1918-1919.

Receipts.	Total.			Charges.	Total.		
	Previous.	1918-1919.	Total.		Previous.	1918-1919.	Total.
I.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.	I.—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.
1. Water-rates from Irrigation ...	43,602	1,318	44,920	1. Head Works ...	15,425	...	15,425
5. Plantations ...	21,960	...	24,986	2. Main Canals and Branches ...	1,36,368	2,471	1,38,839
6. Other canal produce ...	...	3,026	...	3. Distributaries ...	863	...	863
9. Rents of Buildings ...	4,491	4	4,495				
10. Fines ...	6,874	44	6,918				
11. Miscellaneous Receipts ...	34,182	959	35,141				
Total ...	1,11,109	5,351	1,16,460	Total ...	1,52,656	2,471	1,55,127
II.—INDIRECT RECEIPTS.				II.—MAINTENANCE AND REPAIRS.			
Irrigation share of Land Revenue collected in the Civil Department.	54,95,214	83,896	55,79,110	1. Head Works ...	6,627	...	6,627
4 per cent. on $\frac{1}{10}$ ths of the proceeds from sales of occupancy rights per Government of India Nos. 53 and 58-A. I., dated, respectively, 20th June and 1st August 1889, communicated in Government Resolution No. 1209, dated 10th July, and No. 1913, dated 7th November 1889 ...	18,064	848	18,912	2. Main Canals and Branches ...	15,55,843	48,693	16,04,536
Total ...	55,13,278	84,744	55,98,022	Total ...	15,62,470	48,693	16,11,163
Total, Receipts ...	56,24,387	90,095	57,14,482	IV.—ESTABLISHMENT.			
Carried over ...	56,24,387	90,095	57,14,482	1 & 2. Direction and Accounts ...	98,266	10,102	4,75,246
				3. Executive ...	3,66,878		
				Total ...	4,65,144	10,102	4,75,246
				V.—TOOLS AND PLANT ...	19,684	—1,256	18,428
				Carried over ...	21,99,954	60,010	22,59,964

IRRIGATION BRANCH.

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.
ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1918-1919.
43.—MINOR WORKS AND NAVIGATION

SUKKUR CANAL.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1917-1918.

Receipts.	Total.			Charges.	Total.		
	Previous.	1918-1919.	Total.		Previous.	1918-1919.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
Brought forward ...	56,24,337	90,095	57,14,482	Brought forward ...	21,99,954	60,010	22,59,964
				VI.—REFUNDS OF REVENUE ...	119	...	119
				Total ...	22,00,073	60,010	22,60,083
<i>Note.</i> —Loss to the canal on account of difference between assessment of water-rates on Jaghir lands and assessment at the ordinary rates in force for Government lands noted here per Government of India Letter No. 233-L, dated 14th June 1883, communicated under Government Resolution No. 400, dated 11th August 1883 :— Rs. To end of 1917-1918. 2,47,699 Loss for 1918-1919 ... 2,793 Total ... 2,50,692				Share of Collection Charges in the Civil Department ...	4,00,250	5,115	4,14,365
				Indirect Charges debitable to Revenue Account as per Account No. 5 ...	74,005	1,414	75,419
				Total, Charges ...	26,83,328	66,589	27,49,867
				Balance Net Revenue ...	29,41,059	23,556	29,64,615
Grand Total ...	56,24,387	90,095	57,14,482	Grand Total ...	56,24,387	90,095	57,14,482

N. B.—Construction Estimate Closed on 31st March 1896—vide Government Resolution No. 1411, dated 12th September 1893. Completion Report approved in Government Resolution No. 569, dated 27th March 1896.

No. 5.—Account of Indirect Charges for, and to end of, 1918-1919.

Particulars.	Previous.	1918-1919.	Total.
	Rs.	Rs.	Rs.
CAPITAL—			
1. Capitalized abatement of Land Revenue ...	20,466	.....	20,466
2. Leave and Pension Allowances ...	41,030	265	41,295
Total ...	61,496	265	61,761
REVENUE—			
1. Capitalized Abatement of Land Revenue ...	3,101	.....	3,101
2. Leave and Pension Allowances ...	70,904	1,414	72,318
Total ..	74,005	1,414	75,419

IRRIGATION BRANCH.

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1918-1919.

43.—MINOR WORKS AND NAVIGATION.

SUKKAR CANAL.

CANAL PROJECT.

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 Capital Sanctions.	Total.	Charges to date.	Amount of sanctioned Estimate.	Unspent balance of Estimate.		
DIRECT CHARGES.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
Works ...	11,09,106	40,044	11,49,150	...	...	...	11,49,150	
Establishment ...	2,05,471	7,890	2,13,361	...	...	...	2,13,361	
Tools and Plant ...	13,330	371	13,701	...	...	...	13,701	
Total ...	13,27,907	48,305	13,76,212	...	...	...	13,76,212	
Less—Receipts on Capital Account ...	160	...	160	...	...	...	160	
Total ...	13,27,747	48,305	13,76,052	...	...	...	13,76,052	
INDIRECT CHARGES.								
Capitalized abatement of Land Revenue ...	19,775	691	20,466	...	...	...	20,466	
Leave and Pension Allowances ...	40,191	1,104	41,295	...	...	...	41,295	
Total ...	59,966	1,795	61,761	...	...	...	61,761	
Grand Total ...	13,87,713	*50,100	14,37,813	...	...	...	14,37,813	

* Includes expenditure incurred during the year 1918-19, Direct charges Rs. 11,298 and Indirect Rs. 165, against the estimate of Rs. 17,449, Direct and Indirect sanctioned in Government Resolution (Public Works Department) No. 7908, dated 10th August 1918.

IRRIGATION BRANCH.

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1918-1919.

43.—MINOR WORKS AND NAVIGATION.

GHA'R CANAL.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1918-1919.

Receipts.	Total.			Charges.	Total.		
	Previous.	1918-1919.	Total.		Previous.	1918-1919.	Total.
I.—DIRECT RECEIPTS.							
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
1. Water-rates from Irrigation ...	2,53,346	1,734	2,55,080	I.—EXTENSIONS AND IMPROVEMENTS.			
5. Plantations ...	68,876	225	75,192	1. Head Works ...	1,407	...	1,407
6. Other canal produce ...	21,988	6,091	23,406	2. Main Canals and Branches ...	3,81,802	6,941	3,88,743
9. Rents of Buildings ...	20,146	1,418	20,333	3. Distributaries ...	12,796	...	12,796
10. Fines ...	2,00,935	187	2,05,275				
11. Miscellaneous Receipts ...	4,340	2,05,275	5,79,286	Total ...	3,96,005	6,941	4,02,946
Total ...	5,65,291	13,995	5,79,286				
II.—INDIRECT RECEIPTS.				II.—MAINTENANCE AND REPAIRS.			
Irrigation share of Land Revenue collected in the Civil Department.	2,97,77,004	5,99,955	8,03,76,959	2. Main Canals and Branches ...	41,98,944	1,09,836	43,08,780
4 per cent. on 1/10ths of the proceeds from sales of occupancy rights per Government of India Nos. 53 and 58-A. I., dated, respectively, 20th June and 1st August 1889, communicated in Government Resolution No. 1209, dated 10th July, and No. 1913, dated 7th November 1889.	1,40,998	7,609	1,48,607	3. Distributaries ...	15,675	...	15,675
Total ...	2,99,18,002	6,07,564	3,05,25,566	Total ...	42,14,619	1,09,836	43,24,455
Total, Receipts ...	3,04,83,293	6,21,559	3,11,04,852	III.—COMPENSATION.	108	...	108
				IV.—ESTABLISHMENT.			
				1 & 2. Direction and Accounts ...	2,42,410	22,793	12,70,270
				3. Executive ...	10,05,067		
				Total ...	12,47,477	22,793	12,70,270
				V.—TOOLS AND PLANT	13,282	—2,753	10,529
Carried over ...	3,04,83,293	6,21,559	3,11,04,852	Carried over ...	58,71,491	1,36,817	60,08,308

IRRIGATION BRANCH.

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1918-1919.

43.—MINOR WORKS AND NAVIGATION.

GHA'R CANAL.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1918-1919.

Receipts.	Total.			Charges.	Total.		
	Previous.	1918-1919.	Total.		Previous.	1918-1919.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
Brought forward ...	3,04,83,293	6,21,559	3,11,04,852	Brought forward ...	58,71,491	1,36,817	60,08,308
<i>Note.</i> —Loss to the canal on account of difference between assessment of water-rates on Jaghir lands and assessment at the ordinary rates in force for Government lands noted here per Government of India letter No. 233-I, dated 14th June 1883, communicated under Government Resolution No. 400, dated 11th August 1883 :— Rs. To end of 1917-1918. 12,87,960 Loss for 1918-1919... 20,264 Total ... 12,68,214				VI.—REFUNDS OF REVENUE ...	184	...	184
				Suspense Account ...	...	34	34
				Total ...	58,71,675	1,36,851	60,08,526
				Share of Collection Charges in the Civil Department ...	24,17,505	33,114	24,53,619
				Indirect Charges debit-able to Revenue Account as per Account No. 5 ...	2,06,439	3,200	2,09,639
				Total, Charges ...	84,95,619	1,76,165	86,71,784
				Balance Net Revenue ...	2,19,87,674	4,45,394	2,24,33,068
Grand Total ...	3,04,83,293	6,21,559	3,11,04,852	Grand Total ...	3,04,83,293	6,21,559	3,11,04,852

N.B.—Last Capital Account detailed in the Administrative Accounts for 1914-15. Construction Estimate closed on 31st March 1879—vide Government Resolution No. 1411, dated 12th September 1893. Completion Report approved in Government Resolution No. 927, dated 11th June 1895.

No. 5.—Account of Indirect Charges for, and to end of, 1918-1919.

Particulars.	Previous.	1918-1919.	Total.
	Rs.	Rs.	Rs.
REVENUE—			
1. Capitalized abatement of Land Revenue ...	16,036	9	16,045
2. Leave and Pension Allowances ...	1,90,403	3,191	1,93,594
Total ...	2,06,439	3,200	2,09,639

IRRIGATION BRANCH.

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1918-1919.

43.—MINOR WORKS AND NAVIGATION.

SUTTAH CANAL.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1918-1919.

Receipts.	Total.			Charges.	Total.		
	Previous.	1918-1919.	Total.		Previous.	1918-1919.	Total.
I.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.	I.—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.
1. Water-rates from Irrigation ...	320	9	329	2. Main Canals and Branches	3,479	1,800	5,279
5. Plantations ...	58	...	58	Average expenditure before			
6. Other canal produce ...	1,178	2	1,180	Improvements ...	-27,916	-1,934	-29,910
10. Fines ...	159	...	159				
11. Miscellaneous Receipts ...	-119	-40	-159				
Total ...	1,596	-29	1,567	Total ...	-24,437	-194	-24,631
II.—INDIRECT RECEIPTS.				II.—MAINTENANCE AND REPAIRS.			
Irrigation share of Land Revenue collected in the Civil Department ...	1,57,420	13,873	1,71,293	2. Main Canals and Branches ...	1,30,068	5,475	1,35,543
1 per cent on 9/10ths of the proceeds from sales of occupancy rights per Government of India Nos. 53 and 56-A. I., dated, respectively, 20th June and 1st August 1889, communicated in Government Resolution No. 1209, dated 10th July, and No. 1913, dated 7th November 1889.	5,975	808	6,783				
Total ...	1,63,395	14,681	1,78,076	IV.—ESTABLISHMENT.			
Total, Receipts ...	1,64,991	14,652	1,79,643	1 & 2. Direction and Accounts.	2,803	668	10,492
				3. Executive ...	7,023		
				Total ...	9,826	668	10,492
<i>Note.</i> —Loss to the canal account of difference between assessment of water-rates on jaghir lands and assessments at the ordinary rates in force for Government lands noted here per Government of India letter No. 233-I., dated 14th June 1883, communicated under Government Resolution No. 400, dated 11th August 1883 :—				V.—TOOLS AND PLANT	-28	-272	-300
Rs.				Total ...	1,15,429	5,675	1,21,104
To end of 1917-1918 ...	3,919			Share of Collection Charges in the Civil Department ...	9,313	831	10,144
Loss for 1918-1919 ...	318			Indirect Charges debitable to Revenue Account as per Account No. 5 ...	1,376	93	1,469
Total ...	4,237			Total, Charges ...	1,26,118	6,599	1,32,717
				Balance Net Revenue ...	38,873	8,053	46,926
Grand Total ...	1,64,991	14,652	1,79,643	Grand Total ...	1,64,991	14,652	1,79,643

N.B.—Last Capital Account detailed in the Administrative Accounts for 1912-1913. Construction Estimate closed on 31st March 1910—vide Government Resolution No. 299, dated 5th February 1910. Completion Report approved in Government Resolution No. 930, dated 9th May 1911.

No. 5.—Account of Indirect Charges for, and to end of, 1918-1919.

Particulars.	Previous.	1918-1919.	Total.
	Rs.	Rs.	Rs.
REVENUE—			
2. Leave and Pension Allowances	1,376	93	1,469

IRRIGATION BRANCH.

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.
ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1918-1919.

43.—MINOR WORKS AND NAVIGATION.

ALIBHAR KACHERI CANAL.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1918-1919.

Receipts.	Total.			Charges.	Total.		
	Previous.	1918-1919.	Total.		Previous.	1918-1919.	Total.
I.—DIRECT RECEIPTS.				I.—EXTENSIONS AND IMPROVEMENTS.			
1. Water-rates from Irrigation ...	Rs. 24,193	Rs. 921	Rs. 25,119	2. Main Canals and Branches ...	Rs. 5,316	Rs. ...	Rs. 5,316
5. Plantations ...	3,803	107	3,910	4. Drainage and Protective Works ...	245	...	245
6. Other canal produce ...	129	...	129	Total ..	5,561	...	5,561
11. Miscellaneous Receipts... ..	3,433	240	3,673				
Total ...	31,563	1,268	32,831	II.—MAINTENANCE AND REPAIRS.			
II.—INDIRECT RECEIPTS.				2. Main Canals and Branches ...	24,366	—3,153	21,213
Irrigation share of Land Revenue collected in the Civil Department.	2,86,290	2,936	2,89,226	3. Distributaries ..	12,672	...	12,672
4 percent. on $\frac{1}{2}$ lbs of the proceeds from sales of occupancy rights per Government of India Nos. 53 and 58-A.I., dated, respectively, 20th June and 1st August 1869, communicated in Government Resolution No. 1209, dated 10th July, and No. 1913, dated 7th November 1889	17,238	840	18,128	Total ...	37,038	—3,153	33,885
Total ...	3,03,578	3,776	3,07,354	IV.—ESTABLISHMENT.			
Total, Receipts ...	3,35,141	5,044	3,40,185	1 & 2. Direction and Accounts	9,391	} —440	22,018
				3. Executive	13,067		
				Total ...	22,458	—440	22,018
				V.—TOOLS AND PLANT...	832	25	857
				VI.—REFUNDS OF REVENUE	19	...	19
				Total ...	65,908	—3,588	62,340
<i>Note.—Loss to the canal on account of difference between assessment of water-rates on jaghir lands and assessment at the ordinary rates in force for Government lands noted here per Government of India letter No. 233-L, dated 14th June 1883, communicated under Government Resolution No. 400, dated 11th August 1883:—</i>				Share of Collection Charges in the Civil Department	24,477	231	24,708
<i>Rs.</i>				Indirect Charges debitable to Revenue Account as per Account No. 5	3,706	—62	3,644
To end of 1917-1918...1,14,687				Total, Charges ...	94,091	—3,399	90,692
Loss for 1918-1919 ... 2,729				Balance Net Revenue ...	2,41,050	8,443	2,49,493
Total ... 1,17,416				Grand Total ...	3,35,141	5,044	3,40,185
Grand Total ...	3,35,141	5,044	3,40,185				

N.B.—Last Capital Account detailed in the Administrative Accounts for 1877-78. Construction Estimate closed on 31st March 1878—vide Government Resolution No. 1411, dated 12th September 1893. Completion Report approved in Government Resolution No. 1229, dated 1st August 1894.

No. 5.—Account of Indirect Charges for and to end of, 1918-1919.

Particulars.	Previous.	1917-1918.	Total.
REVENUE—	Rs.	Rs.	Rs.
2. Leave and Pension Allowances	3,706	—62	3,644

IRRIGATION BRANCH.

BOMBAY PRESIDENCY.

PUBLIC WORK DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1918-1919.

43.—MINOR WORKS AND NAVIGATION.

MARAK GREAT CANAL.

CANAL PROJECT.

No. 2.—Capital Account for, and to end of, 1918-1919.

Heads of Account.	DIRECT CHARGES.			Cost of construction as now estimated. (Construction estimated closed on 31st March 1892.)	Expenditure against closed estimates.
	Previous.	1918-1919.	Total.		
I.—WORKS.	Rs.	Rs.	Rs.	Rs.	Rs.
(2)—Main Canals and Branches.					
B. Land	1,062	...	1,062	735	100
D. Regulators	32,923	46,690	79,613	1,13,802	16,537
G. Bridges	929	...	929	929	929
K. Buildings	2,775	19,258	22,033	30,081	...
L. Earth-work	1,53,063	...	1,53,063	1,53,063	1,53,063
Total, Main Canals and Branches ...	1,90,752	65,948	2,56,700	2,98,610	1,70,629
Total I.—Works ...	1,90,752	65,948	2,56,700	2,98,610	1,70,629
II.—ESTABLISHMENT.					
1 & 2. Direction and Accounts ...	13,160	20,942	60,321	62,654	12,301
3. Executive	26,219				22,974
Total, Establishment ...	39,379	20,942	60,321	62,654	35,275
III.—TOOLS AND PLANT ...	1,899	588	2,487	3,522	1,612
Grand Total ...	2,32,030	87,478	3,19,508	3,64,786	2,07,516
V.—Less Receipts on Capital Account...	80	...	80	80	80
Net Outlay ...	2,31,950	87,478	3,19,428	3,64,706	2,07,436
<i>Apportionment.</i>					
Chargeable to 43—Minor Works and Navigation ...	2,31,950	87,478	3,19,428	3,64,706	2,07,436

IRRIGATION BRANCH.

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1918-1919.

43.—MINOR WORKS AND NAVIGATION.

MA'RAK GREAT CANAL.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1918-1919.

Receipts.	Total.			Charges.	Total.		
	Previous.	1918-1919.	Total.		Previous.	1918-1919.	Total.
I.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.	I—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.
1. Water-rates from Irrigation ...	1,15,966	2,819	1,18,785	2. Main Canals and Branches ...	43,515	813	44,328
3. Sales of water ...	15	...	15				
5. Plantations ...	20,531	2,034	22,565	II.—MAINTENANCE AND REPAIRS.			
6. Other canal produce ...	124	...	124	1. Head Works ...	3,416	...	3,416
8. Navigation ...	143	...	143	2. Main Canals and Branches ...	4,66,305	14,144	4,80,449
9. Rents of Buildings ...	2,395	...	2,395	Total ...	4,69,721	14,144	4,83,865
10. Fines ...	13,809	345	14,154	IV.—ESTABLISHMENT.			
11. Miscellaneous Receipts ...	1,52,983	5,198	1,58,181	1 & 2. Direction and Accounts ...	29,892	6,144	2,06,318
Total ...	30,11,174	98,111	31,09,285	3. Executive ...	1,70,282		
II.—INDIRECT RECEIPTS				Total ...	2,00,174	6,144	2,06,318
Irrigation share of Land Revenue collected in the Civil Department.				V.—TOOLS AND PLANT ...	3,810	258	4,068
4 per cent. on $\frac{2}{10}$ ths of the proceeds from sales of occupancy rights per Government of India Nos. 53 and 58-A.1., dated respectively 26th June and 1st August 1889, communicated in Government Resolution No. 1209, dated 10th July, and No. 1918, dated 7th November 1889 ...	58,926	3,406	62,332	VI.—REFUNDS OF REVENUE ...	40	...	40
Total ...	80,70,100	1,01,517	81,71,617	Total ...	7,17,260	21,359	7,38,619
Total Receipts ...	32,23,083	1,06,715	33,29,798	Share of Collection Charges in the Civil Department ...	2,35,388	6,056	2,41,444
Note.—Loss to the canal on account of difference between assessment of water-rates on jaghir lands and assessment at the ordinary rates in force for Government lands noted here per Government of India letter No. 233-I., dated 14th June 1883, communicated under Government Resolution No. 400, dated 11th August 1883:— Rs. To end of 1917-1918 6,62,289 Loss for 1918-1919 ... 14,106				Indirect Charges debitable to Revenue Account as per Account No. 5 ...	30,098	860	30,958
Total ...	6,76,396			Total, Charges ...	9,82,746	28,275	10,11,021
Grand Total ...	32,23,083	1,06,715	33,29,798	Balance Net Revenue ...	22,40,337	78,440	23,18,777
				Grand Total ...	32,23,083	1,06,715	33,29,798

N.B.—Construction Estimate closed on 31st March 1882—vide Government Resolution No. 1411, dated 12th September 1893. Completion Report approved in Government Resolution No. 1239, dated 1st August 1894.

IRRIGATION BRANCH.

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1918-1919.

43.—MINOR WORKS AND NAVIGATION.

MARAK GREAT CANAL.

CANAL PROJECT.

No. 5.—Account of Indirect Charges for, and to end of, 1918-1919.

Particulars.			Previous.	1918-1919.	Total.
CAPITAL—			Rs.	Rs.	Rs.
1. Capitalized Abatement of Land Revenue	...	...	1,554	.....	1,554
2. Leave and Pension Allowances	...	...	7,476	2,932	10,408
Total	...	...	9,030	2,932	11,962
REVENUE—					
1. Capitalized Abatement of Land Revenue	...	...	772	.....	772
2. Leave and Pension Allowances	...	...	23,326	860	30,186
Total	...	...	30,098	860	30,958

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 capital sanctions.	Total	Charges to date	Amount of sanctioned estimate.	Unspent balance of estimate.		
DIRECT CHARGES.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
Works	1,59,516	11,113	1,70,629	86,071	1,27,981	41,910	2,56,700	
Establishment	32,719	2,556	35,275	25,046	27,879	2,333	60,321	
Tools and Plant	1,445	167	1,612	875	1,910	1,035	2,487	
Total	1,93,680	13,836	2,07,516	1,11,992	1,57,270	45,278	3,19,508	
Less—Receipts on Capital Account.	80	...	80	...	...	...	80	
Net Total	1,93,600	13,836	2,07,436	1,11,992	1,57,270	45,278	3,19,42	
INDIRECT CHARGES								
Capitalized Abatement of Land Revenue	942	467	1,409	145	159	14	1,554	
Leave and Pension Allowances	6,544	357	6,901	3,507	3,833	326	10,408	
Total	7,486	824	8,310	3,652	3,992	340	11,962	
Grand Total	2,01,086	14,660	2,15,746	1,15,644	1,61,262	45,618	3,31,390	

Government Resolution (Public Works Department) No. 5534, dated 15th June 1917.

IRRIGATION BRANCH.

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1918-1919.

43.—MINOR WORKS AND NAVIGATION.

SARFRAZWA'H CANAL.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1918-1919.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1918-1919.	Total.		Previous.	1918-1919.	Total.
I.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.	I.—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.
1. Water-rates from Irrigation ...	72,574	1,170	73,744	2. Main Canals and Branches ...	41,306	...	41,306
5. Plantations... ..	19,945	1,524	21,469				
6. Other canal produce ...	45	17	62				
8. Navigation	7	...	7	II.—MAINTENANCE AND REPAIRS.			
9. Rents of buildings ...	174	153	327	2. Main Canals and Branches ...	3,26,020	8,721	3,34,741
10. Fines	6,979	421	7,400	4. Drainage and Protective Works ...	6,778	...	6,778
11. Miscellaneous Receipts... ..				Total ...	3,32,798	8,721	3,41,519
Total ...	99,724	3,285	1,03,009	IV.—ESTABLISHMENT.			
II.—INDIRECT RECEIPTS.				1 & 2. Direction and Accounts ...	26,468	3,004	1,23,672
Irrigation share of Land Revenue collected in the Civil Department ...	10,64,294	25,376	10,89,670	3. Executive ...	94,200		
<i>* per cent. on 1/8 of the proceeds from sales of occupancy rights in Government of India Nos. 63 and 53 A. I., dated respectively 20th June and 1st August 1889, communicated in Government Resolution No. 1209, dated 10th July, and No. 1913, dated 7th November 1889 ...</i>	28,131	1,294	29,425	Total ...	1,20,668	3,004	1,23,672
Total ...	10,92,425	26,670	11,19,095	V.—TOOLS AND PLANT...	1,828	118	1,946
Total, Receipts ...	11,92,149	29,955	12,22,104	VI.—REFUNDS OF REVENUE ...	4	...	4
<i>Note.—Loss to the canal on account of difference between assessment of water-rates on jagbir lands and assessment at the ordinary rates in force for Government lands noted here per Government of India letter No. 233-I., dated 14th June 1889, communicated under Government Resolution No. 400, dated 11th August 1883.</i>				Total ...	4,96,604	11,843	5,08,447
<i>Re.</i>				Share of Collection Charges in the Civil Department ...	88,951	1,601	85,552
To end of 1917-1918...3,53,419				Indirect Charges debitable to Revenue Account as per Account No. 5 ...	19,586	421	20,007
Loss for 1918-1919 ... 3,895				Total, Charges ...	6,00,141	13,865	6,14,006
Total... 3,57,314				Balance Net Revenue ...	5,92,008	16,090	6,08,098
Grand Total ...	11,92,149	29,955	12,22,104	Grand Total ...	11,92,149	29,955	12,22,104

N.B.—Last Capital Account detailed in the Administrative Accounts for 1881-82. Construction Estimate closed on 31st March 1876 - vide Government Resolution No. 1411, dated 12th September 1893. Completion Report approved in Government Resolution No. 1229, dated 1st August 1894.

No. 5.—Account of Indirect Charges for, and to end of, 1918-1919.

Particulars.	Previous.	1918-1919.	Total.
REVENUE—	Rs.	Rs.	Rs.
1. Capitalized abatement of Land Revenue	1,278	.....	1,278
2. Leave and Pension Allowances	18,308	421	18,729
Total ...	19,586	421	20,007

IRRIGATION BRANCH.

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1918-1919.

43.—MINOR WORKS AND NAVIGATION.

FULELI CANAL.

CANAL PROJECT.

No. 2.—Capital Account for, and to end of, 1918-1919.

Heads of Account.	DIRECT CHARGES.			Cost of construction as now estimated. (Construction estimates closed on 31st March 1903.)	Expenditure against closed estimates.
	Previous.	1918-1919.	Total.		
I.—WORKS.	Rs.	Rs.	Rs.	Rs.	Rs.
(1)—Head Works.					
C. Works	66,278	...	66,278	66,278	66,278
K. Buildings	4,012	...	4,012	4,012	4,012
Total, Head Works ...	70,290	...	70,290	70,290	70,290
(2)—Main Canals and Branches.					
A. Preliminary Expenses ...	43,303	...	43,303	43,303	43,303
B. Land	4,616	2,840	7,456	7,456	7,456
D. Regulators	2,13,773	...	2,13,773	2,13,773	2,13,773
G. Bridges	36,382	610	36,992	36,992	36,992
H. Escapes	2,44,313	...	2,44,313	2,44,313	2,44,313
K. Buildings	42,737	1,336	44,073	44,073	44,073
L. Earth-work	8,29,120	1,717	8,30,837	8,30,837	8,30,837
O. Miscellaneous	18,864	7,483	26,347	26,347	26,347
Total, Main Canals and Branches ...	14,33,108	13,986	14,47,094	14,47,094	14,47,094
(3)—Distributaries.					
B. Land	667	...	667	667	667
C. Works	65,540	...	65,540	65,540	65,540
L. Earth-work	32,160	...	32,160	32,160	32,160
Total, Distributaries ...	98,367	...	98,367	98,367	98,367
Total, I.—Works ...	16,01,765	13,986	16,15,751	16,15,751	16,15,751
II.—ESTABLISHMENT.					
1 & 2 Direction and Accounts ...	81,497	} 4,441	3,50,001	3,50,001	3,50,001
3. Executive	2,64,073				
Total, Establishment ...	3,45,560	4,441	3,50,001	3,50,001	3,50,001
III.—TOOLS AND PLANT ...	9,274	124	9,398	9,398	9,398
Grand Total ...	19,56,599	18,551	19,75,150	19,75,150	19,75,150
V.—Less Receipts on Capital Account.	504	...	504	504	504
Net Outlay	19,56,095	18,551	19,74,646	19,74,646	19,74,646
Apportionment.					
Chargeable to 43—Minor Works and Navigation	19,56,095	18,551	19,74,646	19,74,646	19,74,646

IRRIGATION BRANCH.

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1918-1919.

43.—MINOR WORKS AND NAVIGATION.

FULELI CANAL.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1918-1919.

Receipts.	Total.			Charges.	Total.		
	Previous.	1918-1919.	Total.		Previous.	1918-1919.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
I.—DIRECT RECEIPTS.				I.—EXTENSIONS AND IMPROVEMENTS.			
1. Water-rates from Irrigation ...	13,93,154	30,568	14,23,722	2. Main Canals and Branches. ...	3,26,878	13,127	3,40,005
3. Sales of water ...	3,073	123	3,196	3. Distributaries ...	28,517	...	28,517
5. Plantations ...	1,46,392	395	1,53,724	Total ...	3,55,395	13,127	3,68,522
6. Other canal produce ...	6,743	6,937	64,833				
8. Navigation ...	6,707	998	7,705	II.—MAINTENANCE AND REPAIRS.			
9. Rents of buildings ...	14,825	778	15,603	1. Head Works ...	169	...	169
10. Fines ...	1,68,329	6,881	1,75,210	2. Main Canals and Branches ...	51,60,950	1,48,977	53,09,927
11. Miscellaneous Receipts ...				3. Distributaries ...	1,155	...	1,155
Total ..	17,97,223	46,770	18,43,993	Total ...	51,62,274	1,48,977	53,11,251
II.—INDIRECT RECEIPTS.				IV.—ESTABLISHMENT.			
Irrigation share of Land Revenue collected in the Civil Department ...	1,85,12,880	5,69,439	1,90,82,319	1 & 2. Direction and Accounts ...	8,82,682	60,274	16,16,027
4 per cent. on $\frac{9}{10}$ ths of the proceeds from sales of occupancy rights per Government of India Nos. 53 and 58 A. I., dated respectively 30th June and 1st August 1889, communicated in Government Resolution No. 1209, dated 10th July, and No. 1918, dated 7th November 1889 ...	2,29,598	15,104	2,44,762	3. Executive ...	12,23,071		
Total ...	1,87,42,478	5,84,603	1,93,27,031	Total ...	15,55,753	60,274	16,16,027
Total, Receipts ...	2,05,39,701	6,31,373	2,11,71,074	V.—TOOLS AND PLANT ...	38,645	2,112	40,757
Carried over ...	2,05,39,701	6,31,373	2,11,71,074	Carried over ...	71,12,067	2,24,490	73,36,557

IRRIGATION BRANCH.

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1918-1919.

43.—MINOR WORKS AND NAVIGATION.

FULELI CANAL.
CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1918-1919.

Receipts.	Total.			Charges.	Total.		
	Previous.	1918-1919.	Total.		Previous.	1918-1919.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
Brought forward ...	2,05,39,701	6,31,373	2,11,71,074	Brought forward ...	71,12,067	2,24,490	73,36,557
<i>Note.</i> —Loss to the canal on account of difference between assessment of water-rates on jaghir lands and assessment at the ordinary rates in force for Government lands noted here per Government of India letter No. 233-L, dated 14th June 1883, communicated under Government Resolution No. 400, dated 11th August 1883. To end of 1917-1918 56,90,959 Loss for 1918-1919 1,46,581 Total ... 58,37,540				VI.—REFUNDS OF REVENUE ...	3,714	...	3,714
				Suspense Account ...	—239	718	479
				Total ...	71,15,542	2,25,208	73,40,750
				Share of Collection Charges in the Civil Department ...	15,26,474	36,234	15,62,708
				Indirect Charges debitable to Revenue Account as per Account No. 5 ...	2,62,073	8,438	2,70,511
				Total, Charges ...	89,04,089	2,69,880	91,73,969
				Balance Net Revenue ...	1,16,35,612	3,61,493	1,19,97,105
Grand Total ...	2,05,39,701	6,31,373	2,11,71,074	Grand Total ...	2,06,39,701	6,31,373	2,11,71,074

N.B.—Construction Estimate closed on 31st March 1893—*vide* Government Resolution No. 1035, dated 27th June 1894. Completion Report approved in Government Resolution No. 1035, dated 27th June 1894.

No. 5.—Account of Indirect Charges for, and to end of, 1918-1919.

Particulars.	Previous.	1918-1919.	Total.
CAPITAL—	Rs.	Rs.	Rs.
1. Capitalized Abatement of Land Revenue ...	1,4412	.....	14,412
2. Leave and Pension Allowances ...	57,847	622	58,469
Total ...	72,259	622	72,881
REVENUE—			
1. Capitalized abatement of Land Revenue ...	17,146	.....	17,146
2. Leave and Pension Allowances ...	2,44,927	8,438	2,53,365
Total ...	2,62,073	8,438	2,70,511

IRRIGATION BRANCH.

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1918-1919.

43.—MINOR WORKS AND NAVIGATION.

FULELI CANAL.

CANAL PROJECT.

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

Particulars.	Charges against closed sanction.			Current Sanctions.			Total charges to date against old and current Sanctions.	Remarks
	Expenditure against construction Estimate.	Expenditure against open Capital Sanctions.	Total.	Charges to date.	Amount of sanctioned Estimate.	Unspent balance of Estimate.		
	Ra.	Ra.	Ra.	Ra.	Ra.	Ra.	Ra.	
DIRECT CHARGES.								
Works	9,84,801	6,80,950	16,15,751	...	...	...	16,15,751	
Establishment ...	2,00,468	1,49,533	3,50,001	...	...	...	3,50,001	
Tools and Plant ...	1,325	8,073	9,398	...	...	...	9,398	
Total ...	11,86,594	7,88,556	19,75,150	...	...	...	19,75,150	
Less—Receipts on Capital Account ...	21	483	504	...	...	...	504	
Net Total ...	11,86,573	7,88,073	19,74,646	...	...	...	19,74,646	
INDIRECT CHARGES.								
Capitalized abatement of Land Revenue ...	6,800	7,612	14,412	...	...	...	14,412	
Leave and Pension Allowances ...	37,586	20,933	58,469	...	...	...	58,469	
Total ...	44,386	28,545	72,881	...	...	...	72,881	
Grand Total ...	12,30,909	8,16,618	20,47,527	...	...	...	20,47,527	

IRRIGATION BRANCH

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1918-1919.

43.—MINOR WORKS AND NAVIGATION.

HASANALI CANAL.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1918-1919.

Receipts.	Total.			Charges.	Total.		
	Previous.	1918-1919.	Total.		Previous.	1918-1919.	Total.
I.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.	I.—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.
1. Water-rates from Irrigation ...	2,807	74	2,881	2. Main Canals and Branches ...	22,012	—817	21,195
5. Plantation ...	8	...	8				
6. Other canal produce ...	1,985	39	2,027	II.—MAINTENANCE AND REPAIRS.			
9. Rents of buildings ...	1	...	1	2. Main Canals and Branches ...	1,69,802	8,204	1,78,006
10. Fines ...	330	...	339				
11. Miscellaneous receipts ...	3,824	374	4,198	IV.—ESTABLISHMENT.			
Total ...	8,962	487	9,449	1 & 2. Direction and Accounts ...	12,761	2,549	65,853
II.—INDIRECT RECEIPTS.				3. Executive ...	50,543		
Irrigation share of Land Revenue collected in the Civil Department ...	5,34,523	37,614	5,72,137	Total ..	63,304	2,549	65,853
4 per cent. on $\frac{9}{10}$ ths of the proceeds from sales of occupancy rights per Government of India Nos. 53 and 58 A. 1., dated respectively 20th June and 1st August 1889, communicated in Government Resolution No. 1209, dated 10th July, and No. 1913, dated 7th November 1889 ...	5,441	673	6,114	V.—TOOLS AND PLANT ...	1,956	84	2,040
Total ...	5,39,964	38,287	5,78,251	Total ..	2,57,074	10,020	2,67,094
Total, Receipts ...	5,48,926	38,774	5,87,700	Share of Collection Charges in the Civil Department ...	32,241	2,277	34,518
<i>Note.</i> —Loss to the canal on account of difference between assessment of water-rates on jaghir lands and assessment at the ordinary rates in force for Government Lands not-d here per Government of India letter No. 239 L, dated 14th June 1883 communicated under Government Resolution No. 400, dated 11th August 1883.				Indirect Charges debitable to Revenue Account as per Account No. 5 ...	8,862	357	9,219
Rs. To end of 1917-1918 ... 25,560 Loss for 1917-1919 ... 1,628 Total ... 27,088				Total Charges ..	2,98,177	12,654	3,10,831
				Balance Net Revenue ...	2,50,740	26,120	2,76,860
				Grand Total ..	5,48,926	38,774	5,87,700

N.B.—Last Capital Account detailed in the Administrative Accounts for 1911-12. Construction Estimate closed on 31st March 1907—vide Government Resolution No. 1802, dated 15th July 1907. Completion Report approved in Government Resolution No. 1802 dated 16th July 1907.

No. 5.—Account of Indirect Charges for, and to end of, 1918-1919.

Particulars.	Previous.	1918-1919.	Total.
REVENUE—	Rs.	Rs.	Rs.
2. Leave and Pension Allowances ...	8,832	357	9,219

IRRIGATION BRANCH.

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1918-1919.

43.—MINOR WORKS AND NAVIGATION.

WANGROLI TANK.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1918-1919.

Receipts.	Total.			Charges.	Total.		
	Previous.	1918-1919.	Total.		Previous.	1918-1919.	Total.
I.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.	I.—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.
1. Water-rates from Irrigation ...	32,739	442	33,181	1. Head Works ...	382	1,427	1,809
3. Sales of water ...	1,848	...	1,848	2. Main Canals and Branches... ..	8,281	829	9,110
5. Plantations ...	21	...	21	Total ...	8,663	2,256	10,919
6. Other Canal produce ...	525	7	532	II.—MAINTENANCE AND REPAIRS.			
9. Rents of buildings.	2	...	2	1. Head Works ...	31,537	630	32,167
11. Miscellaneous receipts ...	3,917	226	4,143	2. Main Canals and Branches... ..	23,916	4,607	28,523
Total ...	39,052	675	39,727	Total ...	55,453	5,237	60,690
II.—INDIRECT RECEIPTS.				IV.—ESTABLISHMENT.			
Irrigation share of Land Revenue collected in the Civil Department.	13,793	3,125	16,918	1 & 2. Direction and Accounts... ..	3,000	973	26,094
				3. Executive	22,121		
				Total ..	25,121	973	26,094
				V.—TOOLS AND PLANT ...	1,271	60	1,331
				VI.—REFUNDS OF REVENUE	163	...	103
				Total ..	90,611	8,526	99,137
				Share of Collection Charges in the Civil Department	3,159	335	3,494
				Indirect Charges debitable to Revenue Account as per Account No. 5	3,535	136	3,671
				Total, Charges ...	97,305	8,997	1,06,302
				Balance Net Revenue...	-44,460	-5,197	-49,657
Total, Receipts ...	52,845	3,800	56,645	Grand Total ...	52,845	3,800	56,645

N.P.—Last Capital Account detailed in the Administrative Account for 1917-18.

N.P.—Construction Estimate closed on 31st March 1909—vide Government Resolution No. 902, dated 31st March 1909. Completion Report approved in Government Resolution No. 729, dated 19th March 1910.

No. 5.—Account of Indirect Charges for, and to end of, 1918-1919.

Particulars	Previous.	1918-1919.	Total.
REVENUE—	Rs.	Rs.	Rs.
1. Capitalized Abatement of Land Revenue	19	.....	19
2. Leave and Pension Allowances	3,516	136	3,652
Total ...	3,535	136	3,671

IRRIGATION BRANCH.

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.
ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1918-1919.

43.—MINOR. WORKS AND NAVIGATION.

TRANZA-NAGRAMA TANK.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1918-1919.

Receipts.	Total.			Charges.	Total.		
	Previous.	1918-1919.	Total.		Previous.	1918-1919.	Total.
I.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.	I.—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.
1. Water-rates from Irrigation ...	5,089	...	5,089	1. Head Works ...	4,046	828	4,874
5. Plantations ...	1	...	1	2. Main Canals and Branches ...	399	...	399
6. Other Canal produce ...	631	...	631	Total ...	4,445	828	5,273
10. Fines ...	16	...	16	II.—MAINTENANCE AND REPAIRS.			
11. Miscellaneous receipts ...	3,105	...	3,105	1. Head Works ...	13,562	943	14,505
Total ...	8,842	...	8,842	2. Main Canals and Branches ...	7,209	564	7,773
				Total ...	20,771	1,507	22,278
II.—INDIRECT RECEIPTS.				IV.—ESTABLISHMENT.			
Irrigation share of Land Revenue collected in the Civil Department	573	54	627	1 & 2. Direction and Accounts ...	1,222	303	11,268
				3. Executive ...	9,743		
				Total ...	10,965	303	11,268
Total, Receipts ...	9,415	54	9,469	V.—TOOLS AND PLANT ...	528	18	546
				VI.—REFUNDS OF REVENUE ...	199	...	199
				Total ...	86,908	2,656	89,564
				Share of Collection Charges in the Civil Department ...	363	5	368
				Indirect Charges debitable to Revenue Account as per Account No. 5 ...	1,573	42	1,615
				Total, Charges ...	38,844	2,703	41,547
				Balance Net Revenue ...	29,429	2,649	32,078
Grand Total ...	9,415	54	9,469	Grand Total ...	9,415	54	9,469

N.B.—Last Capital Account detailed in the Administrative Accounts for 1913-1914. Construction Estimate closed on 20th June 1909
—vide Government Resolution No. 2496, dated 12th October 1909. Completion Report approved in Government Resolution No. 1790, dated 6th August 1910.

No. 5.—Account of Indirect Charges for, and to end of, 1918-1919.

Particulars.	Previous.	1918-1919.	Total.
REVENUE—	Rs.	Rs.	Rs.
1. Capitalized Abatement of Land Revenue ...	38	.....	38
2. Leave and Pension Allowances ...	1,535	42	1,577
Total ...	1,573	42	1,615

IRRIGATION BRANCH.

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.
ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1918-1919.
43.—MINOR WORKS AND NAVIGATION.

SAVALI TANK.
TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1918-1919.

Receipts.	Total.			Charges.	Total.		
	Previous.	1918-1919.	Total.		Previous.	1918-1919.	Total.
I.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.	I.—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.
1. Water-rates from Irrigation ...	31,778	93	31,874	1. Head Works ...	2,160	51	2,211
3. Sales of water ...	20	...	20	2. Main Canals and Branches ...	2,383	-27	2,356
5. Plantations ...	...	65	65	Total ...	4,543	24	4,567
6. Other Canal produce... ..	214	...	214	II.—MAINTENANCE AND REPAIRS.			
10. Fines ...	14	...	14	1. Head Works ...	42,209	1,624	43,833
11. Miscellaneous receipts	3,076	50	3,126	2. Main Canals and Branches ...	11,512	1,393	12,905
Total ...	35,102	211	35,313	Total ...	53,721	3,017	56,738
II.—INDIRECT RECEIPTS.				IV.—ESTABLISHMENT.			
Irrigation share of Land Revenue collected in the Civil Department ...	...	...	...	1 & 2. Direction and Accounts ...	2,661	394	20,614
				3. Executive ...	17,559		
Total, Receipts ...	35,102	211	35,313	Total ...	20,220	394	20,614
				V.—TOOLS AND PLANT...	1,110	24	1,134
				VI.—REFUNDS OF REVENUE			
				...	48	...	48
				Total ...	79,642	3,459	83,101
				Share of collection Charges in the Civil Department ...	1,603	5	1,608
				Indirect Charges debitable to Revenue Accounts per Account No. 5 ...	3,280	55	3,335
				Total, Charges ...	84,525	3,519	88,044
				Balance Net Revenue ...	-49,423	-3,308	-52,731
Grand Total ...	35,102	211	35,313	Grand Total ...	35,102	211	35,313

N.B.—Last Capital Account detailed in the Administrative Accounts for 1912-13. Construction Estimate closed on 31st March 1910 vide Government Resolution No. 66, dated 12th January 1910. Completion Report approved in Government Resolution No. 2577, dated 15th March 1912.

No. 5.—Account of Indirect Charges for, and to end of, 1918-1919.

Particulars.	Previous.	1918-1919.	Total.
REVENUE—	Rs.	Rs.	Rs.
1. Capitalized Abatement of Land Revenue ...	449	.....	449
2. Leave and Pension Allowances ...	2,831	55	2,886
Total ...	3,280	55	3,335

IRRIGATION BRANCH.

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1918-1919.

43.—MINOR WORKS AND NAVIGATION.

SAHIAT TANK.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1918-1919.

Receipts.	Total.			Charges.	Total.		
	Previous.	1918-1919.	Total.		Previous.	1918-1919.	Total.
I.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.	I.—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.
1. Water-rates from Irrigation ...	10,174	27	10,201	1. Head Works ...	2,460	...	2,460
5. Plantations ...	15	...	15	2. Main Canals and Branches ...	4,844	86	4,930
6. Other canal produce ...	677	180	807	3. Distributaries ...	612	...	612
11. Miscellaneous receipts ...	1,508	18	1,526	Total ...	7,416	86	7,502
Total ...	12,874	175	12,549	II.—MAINTENANCE AND REPAIRS.			
II.—INDIRECT RECEIPTS.				1. Head Works ...	37,766	1,686	39,652
Irrigation share of Land Revenue collected in the Civil Department	44	686	680	2. Main Canals and Branches ...	17,617	2,171	19,788
Total, Receipts ...	12,418	811	13,229	Total ...	55,383	4,057	59,440
				IV.—ESTABLISHMENT.			
				1. & 2. Direction and Accounts ...	2,893	538	21,787
				3. Executive ...	18,856		
				Total ...	21,249	538	21,787
				V.—TOOLS AND PLANT ...	1,252	33	1,285
				VI.—REFUNDS OF REVENUE	1	...	1
				Total ...	85,301	4,714	90,015
				Share of Collection Charges in the Civil Department ...	512	65	577
				Indirect Charges debitable to Revenue Account as per Account No. 5 ...	2,976	75	3,051
				Total, Charges ...	88,789	4,854	93,643
				Balance Net Revenue ...	-76,371	-4,043	-80,414
Grand Total ...	12,418	811	13,229	Grand Total ...	12,418	811	13,229

N.B.—Last Capital Account detailed in the Administrative Accounts for 1911-12. Construction Estimate closed on 31st March 1912—vide Government Resolution No. 2066, dated 18th October 1911. Completion Report approved in Government Resolution No. 10160, dated 7th October 1913.

No. 5.—Account of Indirect Charges for, and to end of, 1918-1919.

Particulars.	Previous.	1918-1919.	Total.
REVENUE—	Rs.	Rs.	Rs.
1. Leave and Pension Allowances ...	2,976	75	3,051

IRRIGATION BRANCH.

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1918-1919.

43.—MINOR WORKS AND NAVIGATION.

SUKI RIVER.

TANK PROJECT.

No. 5.—Account of Indirect Charges for, and to end of, 1918-1919.

Particulars.	Previous.	1918-1919.	Total.
CAPITAL—	Rs.	Rs.	Rs.
1. Leave and Pension Allowances	385	.....	385

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 Capital Sanctions.	Total.	Charges to date.	Amount of sanctioned Estimate.	Unspent balance of Estimate.		
DIRECT CHARGES.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
Work	12,212	...	—12,212	12,212	Undertaken as a Famine Relief Work and the famine outlay at normal rates has been adjusted during the year 1911-12. Outlay without an estimate approved in Government Resolution No. A.I. 6022, dated 7th June 1913.
Establishment	2,749	...	—2,749	2,749	
Tools and Plant	178	...	—178	178	
Total	15,139	...	—15,139	15,139	
Less—Receipts on Capital Account...	
Net Total	15,139	...	—15,139	15,139	
INDIRECT CHARGES.								
Capitalized Abatement of Land Revenue	
Leave and Pension Allowances	385	...	—385	385	
Total	385	...	—385	385	
Grand Total	15,524	...	—15,524	15,524	

IRRIGATION BRANCH.

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1918-1919.

43.—MINOR WORKS AND NAVIGATION.

FUTELAO TANK.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1918-1919.

Receipts.	Total.			Charges.	Total.		
	Previous.	1918-1919.	Total.		Previous.	1918-1919.	Total.
	Rs.	Rs.	Ra.		Rs.	Rs.	Rs.
I.—DIRECT RECEIPTS.				I.—EXTENSIONS AND IMPROVEMENTS.			
1. Water-rates from Irrigation ...	196	151	347	1. Head Works ...	...	495	495
5. Plantations ...	...	26	26	II.—MAINTENANCE AND REPAIRS.			
6. Other canal produce.	91	...	91	1. Head Works ...	2,399	2,181	4,580
11. Miscellaneous receipts ...	309	81	390	2. Main Canals and Branches ...	670	697	1,367
Total ...	596	258	854	Total ...	3,069	2,878	5,947
II.—INDIRECT RECEIPTS.				IV.—ESTABLISHMENT.			
Irrigation share of Land Revenue collected in the Civil Department.	...	...	...	1 & 2. Direction and Accounts ...	138	438	1,745
Total, Receipts ...	596	258	854	3. Executive ...	1,169		
				Total ...	1,307	438	1,745
				V.—TOOLS AND PLANT...	45	27	72
				Total ...	4,421	3,838	8,259
				Share of Collection Charges in the Civil Department ...	10	8	18
				Indirect Charges debitable to Revenue Account as per Account No. 5 ...	183	61	244
				Total, Charges ...	4,614	3,907	8,521
				Balance Net Revenue ...	4,018	—3,649	—7,667
Grand Total ...	596	258	854	Grand Total ...	596	258	854

N.B.—Last Capital Account detailed in the Administrative Accounts for 1916-17. Construction Estimate closed on 30th November 1918.

No. 5.—Account of Indirect Charges for, and to end of, 1918-1919.

Particulars.	Previous.	1918-1919.	Total.
	Rs.	Rs.	Rs.
REVENUE—			
1. Leave and Pension Allowances ...	183	61	244

IRRIGATION BRANCH.

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1918-1919.

43.—MINOR WORKS AND NAVIGATION.

HARTA'LA TANK.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1918-1919.

Receipts.	Total.			Charges.	Total.		
	Previous.	1918-1919.	Total.		Previous.	1918-1919.	Total.
I.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.	I.—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.
1. Water-rates from Irrigation ...	17,051	441	17,492	1. Head Works ...	969	2,763	3,732
5. Plantations ...	8,206	82	8,288	II.—MAINTENANCE AND REPAIRS.			
6. Other canal produce.	260		260	1. Head Works ...	6,100	191	6,291
10. Fines ...	16,505	1,329	17,834	3. Distributaries ...	1,342		1,342
11. Miscellaneous Receipts.				Total ...	7,442	191	7,633
Total ...	42,022	1,852	43,874	IV.—ESTABLISHMENT.			
II.—INDIRECT RECEIPTS.				1 & 2. Direction and Accounts ...	523		
Irrigation share of Land Revenue collected in the Civil Department...	...	...	...	3. Executive ...	6,563	1,029	8,138
Total, Receipts ...	42,022	1,852	43,874	Total ...	7,109	1,029	8,138
				V.—TOOLS AND PLANT...	45	86	131
				VI.—REFUNDS OF REVENUE	2,957		2,957
				Total ...	18,522	4,069	22,591
				Share of Collection Charges in the Civil Department ...	1,616	34	1,650
				Indirect Charges debitable to Revenue Account as per Account No. 5 ...	1,010	144	1,154
				Total, Charges ...	21,148	4,247	25,395
				Balance Net Revenue ...	20,874	-2,395	18,479
Grand Total ...	42,022	1,852	43,874	Grand Total ...	42,022	1,852	43,874

N. B.—Last Capital Account detailed in the Administrative Accounts for 1886-1887. Construction Estimate closed on 31st March 1887—vide Government Resolution No. 1411, dated 12th September 1893. Completion Report approved in Government Resolution No. 1224, dated 31st July 1894.

No. 5.—Account of Indirect Charges for, and to end of, 1918-1919.

Particulars.	Previous.	1918-1919.	Total.
REVENUE—	Rs.	Rs.	Rs.
1. Leave and Pension Allowances ...	1,010	144	1,154

IRRIGATION BRANCH.

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1918-1919.

43,—MINOR WORKS AND NAVIGATION.

MHASVA TANK.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1918-1919.

Receipts.	Total.			Charges.	Total.		
	Previous.	1918-1919.	Total.		Previous.	1918-1919.	Total.
I.—DIRECT RECEIPTS.	Ra.	Ra.	Ra.	I.—EXTENSIONS AND IMPROVEMENTS.	Ra.	Ra.	Ra.
1. Water-rates from Irrigation ...	30,054	771	30,825	1. Head Works ...	6,682	92	6,774
3. Sales of water ...	14	...	14	2. Main Canals and Branches ...	2,094	488	2,582
6. Plantations ...	9,449	13	10,233	3. Distributaries ...	586	...	586
9. Rents of buildings ...	154	...	154	Total ...	9,362	580	9,942
10. Fines... ..	5	...	5	II.—MAINTENANCE AND REPAIRS.			
11. Miscellaneous receipts ...	13,270	514	13,784	1. Head Works ...	4,106	162	4,268
Total ...	52,946	2,069	55,015	2. Main Canals and Branches ...	3,174	621	3,795
II.—INDIRECT RECEIPTS.				3. Distributaries ...	16,408	...	16,408
Irrigation share of Land Revenue collected in the Civil Department ...	...	...	...	Total ...	23,688	783	24,471
Total Receipts ...	52,946	2,069	55,015	IV.—ESTABLISHMENT.			
				1 & 2. Direction and Accounts ...	1,968	474	26,066
				3. Executive ...	23,648		
				Total ...	25,612	474	26,086
				V.—TOOLS AND PLANT...	1,104	40	1,144
				Profit and Loss ...	149	...	149
				VI.—REFUNDS OF REVENUE ...	212	...	212
				Total ...	60,127	1,877	62,004
				Share of Collection Charges in the Civil Department ...	1,530	39	1,569
				Indirect Charges debitable to Revenue Account as per Account No. 5 ...	3,866	66	3,932
				Total Charges ...	65,523	1,982	67,505
				Balance Net Revenue ...	-12,577	87	-12,490
Grand Total ...	52,946	2,069	55,015	Grand Total ...	52,946	2,069	55,015

N.B.—Last Capital Account detailed in the Administrative Accounts for 1893-94. Construction Estimate closed on 31st March 1887—vide Government Resolution No. 1411, dated 12th September 1893. Completion Report approved in Government Resolution No. 1224, dated 31st July 1894.

No. 5.—Account of Indirect Charges for, and to end of, 1918-1919.

Particulars.	Previous.	1918-1919.	Total.
REVENUE—	Ra.	Ra.	Ra.
1. Capitalized Abatement of Land Revenue ...	120	...	120
2. Leave and Pension Allowances ...	3,746	66	3,812
Total ...	3,866	66	3,932

IRRIGATION BRANCH.

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1918-1919.

43.—MINOR WORKS AND NAVIGATION.

JAMDA CANALS.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1918-1919.

Receipts.	Total.			Charges.	Total.		
	Previous.	1918-1919.	Total.		Previous.	1918-1919.	Total.
I.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.	I.—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.
1. Water-rates from Irrigation ...	2,77,397	5,061	2,82,458	1. Head Works ...	7,912	617	8,529
3. Sales of water ...	212	...	212	2. Main Canals and Branches ...	20,029	2,253	22,282
5. Plantations ...	55,434	54	55,488	3. Distributaries ...	1,464	...	1,464
6. Other canal produce ...	...	657	...	Total ...	29,405	2,870	32,275
9. Rents of buildings ...	2,084	22	2,106	II.—MAINTENANCE AND REPAIRS.			
10. Fines ...	108	45	153	1. Head Works ...	19,573	—743	18,830
11. Miscellaneous receipts ...	2,704	...	2,704	2. Main Canals and Branches ...	2,28,333	5,846	2,34,179
Total ...	3,37,939	6,328	3,44,267	3. Distributaries ...	15,300	510	15,810
II.—INDIRECT RECEIPTS.				Total ...	2,63,206	5,613	2,68,819
Irrigation share of Land Revenue collected in the Civil Department...	...	...	...	IV.—ESTABLISHMENT.			
Total Receipts ...	3,37,939	6,328	3,44,267	1 & 2. Direction and Accounts ...	20,423	2,953	2,26,181
				3. Executive ...	2,02,805		
				Total ...	2,23,228	2,953	2,26,181
				V.—TOOLS AND PLANT ...	5,509	246	5,755
				Profit and Loss ...	84	...	84
				VI.—REFUNDS OF REVENUE	1,085	...	1,085
				Total ...	5,22,517	11,682	5,34,199
				Share of Collection Charges in the Civil Department ...	13,805	253	14,058
				Indirect Charges debitable to Revenue Account as per Account No. 5 ...	34,704	413	35,117
				Total Charges ...	5,71,026	12,348	5,83,374
				Balance Net Revenue ...	2,33,087	6,020	2,39,107
Grand Total ...	3,37,939	6,328	3,44,267	Grand Total ...	3,37,939	6,328	3,44,267

N.B.—Last Capital Account detailed in the Administrative Accounts for 1914-15. Construction Estimate closed on 31st March 1902—vide Government Resolution No. 5163, dated 1st May 1915. Completion Report approved in Government Resolution No. 5163, dated 1st May 1915.

No. 5.—Account of Indirect Charges for, and to end of, 1918-1919.

Particulars.	Previous.	1918-19.	Total.
REVENUE—	Rs.	Rs.	Rs.
1. Capitalized Abatement of Land Revenue ...	446	...	446
2. Leave and Pension Allowances ...	34,258	413	34,671
Total ...	34,704	413	35,117

IRRIGATION BRANCH.

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1918-1919.

43.—MINOR WORKS AND NAVIGATION.

PARSUL TANK.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1918-1919.

Receipts.	Total.			Charges.	Total.		
	Previous.	1918-1919.	Total.		Previous.	1918-1919.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
I.—DIRECT RECEIPTS.				I.—EXTENSIONS AND IMPROVEMENTS.			
1. Water-rates from Irrigation ...	72,876	4,843	77,719	1. Head Works ...	3,613	94	3,707
5. Plantations...	689	...	689	II.—MAINTENANCE AND REPAIRS.			
6. Other canal produce...	906	...	906	1. Head Works ...	5,939	1,112	7,051
9. Rents of buildings ...	1	...	1	2. Main Canals and Branches ...	16	...	16
10. Fines ...	22	...	22	3. Distributaries ...	4,127	25	4,152
11. Miscellaneous Receipts ...	377	31	408	Total ...	10,082	1,137	11,219
Total ...	74,871	4,874	79,745	IV.—ESTABLISHMENT.			
II.—INDIRECT RECEIPTS.				1 & 2. Direction and Accounts ...	982	1,432	22,162
Irrigation share of Land Revenue collected in the Civil Department...	...	...	...	3. Executive ...	19,748		
Total, Receipts ...	74,871	4,874	79,745	Total ...	20,730	1,432	22,162
				V.—TOOLS AND PLANT ...	900	26	926
				VI.—REFUNDS OF REVENUE ...	177	...	177
				Total ...	35,502	2,689	38,191
				Share of Collection Charges in the Civil Department ...	3,645	242	3,887
				Indirect Charges debitable to Revenue Account as per Account No. 5 ...	2,901	200	3,101
				Total, Charges ...	42,048	3,131	45,179
				Balance Net Revenue ...	32,823	1,743	34,566
Grand Total ...	74,871	4,874	79,745	Grand Total ...	74,871	4,874	79,745

N.B.—Last Capital Account detailed in the Administrative Accounts for 1897-98. Construction Estimate closed on 31st March 1896, vide Government Resolution No. 396, dated 14th March 1896. Completion Report approved in Government Resolution No. 241, dated 17th February 1896.

Note.—Loss of revenue due to concessions granted for wheat cultivation during the Rabi season 1916-17—vide Government Resolution No. A.I.—12327, dated 18th December 1917, Rs. 637.

No. 5.—Account of Indirect Charges for, and to end of, 1918-1919.

Particulars.	Previous.	1918-1919.	Total.
	Rs.	Rs.	Rs.
REVENUE—			
1. Leave and Pension Allowances ...	2,901	200	3,101

IRRIGATION BRANCH.

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1918-1919.

43.—MINOR WORKS AND NAVIGATION.

PRAVARA LEFT BANK CANAL.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1918-1919.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1918-1919.	Total		Previous.	1918-1919.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
I.—DIRECT RECEIPTS.				I.—EXTENSIONS AND IMPROVEMENTS.			
1. Water-rates from Irrigation ...	2,71,826	6,915	2,78,741	1. Head Works ...	172	...	172
2. Sales of water... ..	29	...	29	2. Main Canals and Branches ...	4,644	1,106	5,750
5. Plantations ...	...	95	...	Total ...	4,816	1,106	5,922
6. Other canal produce ...	21,848	205	22,148	II.—MAINTENANCE AND REPAIRS.			
9. Rents of Buildings ...	941	1	942	1. Head Works ...	3,374	...	3,374
10. Fines ...	1,223	16	1,239	2. Main Canals and Branches ...	1,42,807	7,768	1,50,575
11. Miscellaneous Receipts ...	7,388	143	7,981	3. Distributaries ...	11,548	...	11,548
Total ...	3,03,705	7,375	3,11,080	Total ...	1,57,729	7,768	1,65,497
II.—INDIRECT RECEIPTS.				IV.—ESTABLISHMENT.			
Irrigation share of Land Revenue collected in the Civil Department ...	...	...	...	1 & 2. Direction and Accounts ...	10,684	...	...
Enhanced Land Revenue as per Government Resolution No. 275, dated 7th July 1880 ...	2,964	76	3,040	3. Executive ...	1,52,871	6,009	19,664
Total ...	2,964	76	3,040	Total ...	1,63,655	6,009	1,69,664
Total, Receipts ...	3,06,669	7,451	3,14,120	V.—TOOLS AND PLANT ...	2,916	191	3,107
				VI.—REFUNDS OF REVENUE ...	1,042	...	1,042
				Total ...	3,30,158	15,074	3,45,232
				Share of Collection Charges in the Civil Department ...	13,924	851	14,275
				Indirect Charges debitable to Revenue Account as per Account No. 5 ...	23,554	841	24,395
				Total, Charges ...	3,67,636	16,266	3,83,902
				Balance Net Revenue ...	-60,967	-8,815	-69,782
Grand Total ..	3,06,669	7,451	3,14,120	Grand Total ...	3,06,669	7,451	3,14,120

N.B.—Last Capital Account detailed in the Administrative Accounts for 1906-07. Construction Estimate closed on 31st March 1893—vide Government Resolution No. 1411, dated 12th September 1893. Completion Report approved in Government Resolution No. 1856, dated 9th December 1896.

No. 5.—Account of Indirect Charges for, and to end of, 1918-1919.

Particulars.	Previous.	1918-1919.	Total.
REVENUE—	Rs.	Rs.	Rs.
1. Capitalized abatement of Land Revenue	6	...	6
2. Leave and Pension Allowances	23,548	841	24,389
Total ...	23,554	841	24,395

IRRIGATION BRANCH.

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.
ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1918-1919.
43.—MINOR WORKS AND NAVIGATION.

BHA'TODI TANK.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1918-1919.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1918-1919.	Total.		Previous.	1918-1919.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
I.—DIRECT RECEIPTS.				I.—EXTENSIONS AND IMPROVEMENTS.			
1. Water-rates from Irrigation ...	1,43,928	2,580	1,46,458	1. Head Works ...	1,320	...	1,320
3. Sales of water ...	4	...	4	2. Main Canals and Branches ...	3,286	229	3,515
5. Plantations ...				Total ...	4,606	229	4,835
6. Other canal produce ...	7,485	354	10,303	II.—MAINTENANCE AND REPAIRS.			
9. Rents of Buildings ...	166	15	181	1. Head Works ...	20,161	213	20,374
10. Fines ...	315	...	315	2. Main Canals and Branches ...	72,882	1,594	74,276
11. Miscellaneous Receipts ...	24,003	1,170	25,173	3. Distributaries ...	4,989	467	5,456
Total ...	1,75,901	6,533	1,82,434	Total ...	97,832	2,274	1,00,106
II.—INDIRECT RECEIPTS.				III.—COMPENSATION ...	9	...	9
Irrigation share of Land Revenue collected in the Civil Department ...	...	...	...	IV.—ESTABLISHMENT.			
Revenue on lands irrigated by percolation as per Government Resolution No. 1757, dated 16th October 1891.				1 & 2 Direction and Accounts ...	6,230		
Increased Land Revenue as per Government Resolution No. 203, dated 30th March 1878...	42,417	1,265	43,682	3. Executive ...	73,211	899	80,340
	6,134	146	6,280	Total ...	79,441	899	80,340
Total ...	48,551	1,411	49,962	V.—TOOLS AND PLANT ...	1,543	73	1,616
Total, Receipts ...	2,24,452	7,944	2,32,396	VI.—REFUNDS OF REVENUE.	1,265	...	1,265
Grand Total ...	2,24,452	7,944	2,32,396	Total ...	1,84,696	8,475	1,88,171
				Share of Collection Charges in the Civil Department...	11,923	253	12,176
				Indirect Charges debitable to Revenue Account as per Account No. 5 ...	11,546	126	11,672
				Total, Charges ...	2,08,165	2,854	2,12,019
				Balance Net Revenue ...	16,287	4,090	20,877
				Grand Total ...	2,24,452	7,944	2,32,396

N.B.—Last Capital Account detailed in the Administrative Accounts for 1891-92. Construction Estimate closed on 31st March 1899—vide Government Resolution No. 1411, dated 12th September 1898. Completion Report approved in Government Resolution No. 1797, dated 19th November 1894.

No. 5.—Account of Indirect Charges for, and to end of, 1918-1919.

Particulars.	Previous.	1918-1919.	Total.
	Rs.	Rs.	Rs.
REVENUE—			
1. Capitalized abatement of Land Revenue ...	102	.....	102
2. Leave and Pension Allowances ...	11,444	126	11,570
Total ...	11,546	126	11,672

IRRIGATION BRANCH.

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1918-1919.

43.—MINOR WORKS AND NAVIGATION

KA'SURDI TANK.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1918-1919.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1918-1919.	Total.		Previous.	1918-1919.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
I.—DIRECT RECEIPTS.				I.—EXTENSIONS AND IMPROVEMENTS.			
1. Water-rates from Irrigation ...	9,327	263	9,590	2. Main Canals and Branches ...	31	...	31
3. Sales of water .	20	...	20	3. Distributaries ...	80	...	80
5. Plantations ...	2,593	...	2,593	Total ..	111	...	111
6. Other canal produce ...				II.—MAINTENANCE AND REPAIRS.			
11. Miscellaneous Receipts ...	6,893	...	6,893	1. Head Works ...	16,533	163	16,696
Total ...	18,833	263	19,096	3. Distributaries ...	2,917	237	3,154
II.—INDIRECT RECEIPTS.				Total ...	19,450	400	19,850
Irrigation share of Land Revenue collected in the Civil Department ...	...	...	...	IV.—ESTABLISHMENT.			
Total, Receipts ...	18,833	263	19,096	1 & 2. Direction and Accounts ...	1,518	262	11,460
				3. Executive ...	9,680		
				Total ...	11,198	262	11,460
				V.—TOOLS AND PLANT ...	1,695	8	1,703
				Total ...	32,454	670	33,124
				Share of Collection Charges in the Civil Department.	465	13	478
				Indirect Charges debitable to Revenue Account as per Account No. 5 ...	1,694	37	1,731
				Total, Charges ...	34,613	720	25,333
				Balance Net Revenue ...	-15,780	-457	-16,237
Grand Total ...	18,833	263	19,096	Grand Total ...	18,833	263	19,096

N.B.—Last Capital Account detailed in the Administrative Accounts for 1877-78. Construction Estimate closed on 31st March 1878—vide Government Resolution No. 1411, dated 12th September 1893. Completion Report approved in Government Resolution No. 997, dated 21st June 1894.

Note.—Loss of revenue due to concessions granted for wheat cultivation during the Rabi season 1916-17—vide Government Resolution No. A.I.—12327, dated 18th December 1917—Rs. 100.

No. 5.—Account of Indirect Charges for, and to end of, 1918-1919.

Particulars.	Previous.	1918-1919.	Total.
	Rs.	Rs.	Rs.
REVENUE—			
2. Leave and Pension Allowances ...	1,694	37	1,731

IRRIGATION BRANCH.

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.
ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1918-1919.

43.—MINOR WORKS AND NAVIGATION.

SHIRSUPHAL TANK.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1918-1919.

Receipts.	Total.			Charges.	Total.		
	Previous.	1918-1919.	Total.		Previous.	1918-1919.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
I.—DIRECT RECEIPTS.				I.—EXTENSIONS AND IMPROVEMENTS.			
1. Water-rates from Irrigation ...	87,501	4,463	91,964	1. Head Works ...	600	...	606
3. Sales of water ...	3	...	3	3. Distributaries ...	144	...	144
5. Plantations ...	4,723	{ ... }	{ 35 }	Total ...	750	...	750
6. Other canal produce ...				II.—MAINTENANCE AND REPAIRS.			
10. Fines ...	77	32	109	1. Head Works ...	11,282	758	12,020
11. Miscellaneous Receipts ...	10,985	387	11,372	2. Main Canals and Branches ...	31,378	...	31,378
Total ...	1,03,289	4,917	1,08,206	3. Distributaries ...	2,659	965	3,624
				Total ...	45,319	1,703	47,022
II.—INDIRECT RECEIPTS.				IV.—ESTABLISHMENT.			
Irrigation share of Land Revenue collected in the Civil Department.	...	...	...	1 & 2. Direction and Accounts ...	3,950	1,115	38,808
Total, Receipts ...	1,03,289	4,917	1,08,206	3. Executive ...	33,743		
				Total ...	37,693	1,115	38,808
				V.—TOOLS AND PLANT ...	2,044	37	2,081
				VI.—REFUNDS OF REVENUE ...	16	...	16
				Total ...	85,822	2,855	88,677
				Share of Collection Charges in the Civil Department ...	4,379	225	4,604
				Indirect Charges debitable to Revenue Account as per Account No. 5 ...	5,319	156	5,475
				Total Charges ...	95,520	3,236	98,756
				Balance Net Revenue ...	7,762	1,681	9,450
Grand Total ...	1,03,289	4,917	1,08,206	Grand Total ...	1,03,289	4,917	1,08,206

N.B.—Last Capital Account detailed in the Administrative Accounts for 1895-96. Construction Estimate closed on 31st October 1893. Completion Report approved in Government Resolution No. 328, dated 23rd February 1894.

Note.—Loss of revenue due to concessions granted for wheat cultivation during the 11th season 1916-17—vide Government Resolution No. A.I.—12327, dated 18th December 1917—Rs. 334.

No. 5.—Account of Indirect Charges for, and to end of, 1918-1919.

Particulars.	Previous.	1918-1919.	Total.
	Rs.	Rs.	Rs.
REVENUE—			
2. Leave and Pension Allowances ...	5,319	156	5,475

IRRIGATION BRANCH.

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.
ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1918-1919.
43.—MINOR WORKS AND NAVIGATION.

BHADALVADI TANK.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1918-1919.

Receipts.	Total.			Charges.	Total.		
	Previous.	1918-1919.	Total.		Previous.	1918-1919.	Total.
	Rs.	Rs.	Rs.	I.—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.
I.—DIRECT RECEIPTS.				1. Head Works ...	643	...	643
1. Water-rates from Irrigation ...	1,09,344	3,661	1,13,005	3. Distributaries ...	158	...	158
3. Sales of water ...	18	...	18	Total ...	801	...	801
5. Plantations ...	4,786	{ ... }	4,786	II.—MAINTENANCE AND REPAIRS.			
6. Other canal produce ...				1. Head Works ...	7,794	379	8,173
11. Miscellaneous Receipts ...	1,854	246	2,100	2. Main Canals and Branches ...	336	...	336
Total ...	1,16,002	3,907	1,19,909	3. Distributaries ...	32,286	1,096	33,382
				Total ..	40,416	1,475	41,891
II.—INDIRECT RECEIPTS				IV.—ESTABLISHMENT.			
Irrigation share of Land Revenue collected in the Civil Department.	...	...	...	1 & 2. Direction and Accounts... ..	3,172	966	34,278
Total, Receipts ...	1,16,002	3,907	1,19,909	3. Executive	30,140		
				Total ...	33,312	966	34,278
				V.—TOOLS AND PLANT ...	1,860	32	1,892
				VI.—REFUNDS OF REVENUE	46	...	46
				Total ...	76,435	2,478	78,908
				Share of Collection Charges in the Civil Department	5,465	183	5,648
				Indirect Charges debitable to Revenue Account as per Account No. 5 ...	4,668	135	4,803
				Total Charges ...	86,568	2,791	89,359
				Balance Net Revenue ...	29,434	1,116	30,550
Grand Total ...	1,16,002	3,907	1,19,909	Grand Total ...	1,16,002	3,907	1,19,909

N.B.—Last Capital Account detailed in the Administrative Accounts for 1895-96. Construction Estimate closed on 31st March 1891—*cide* Government Resolution No. 1411, dated 12th September 1893. Completion Report approved in Government Resolution No. 827, dated 17th May 1894.

Note—Loss of revenue due to concessions granted for wheat cultivation during the Rabi season 1916-17—*cide* Government Resolution No. A.L.—12327, dated 18th December 1917—Rs. 224.

No. 5.—Account of Indirect Charges for, and to end of, 1918-1919.

Particulars.	Previous.	1918-1919.	Total.
REVENUE—	Rs.	Rs.	Rs.
2. Leave and Pension Allowances	4,668	135	4,803

IRRIGATION BRANCH.

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1918-1919.

43.—MINOR WORKS AND NAVIGATION.

VICTORIA TANK.

TANK PROJECT.

No. 2.—Capital Account for, and to end of, 1918-1919.

Heads of Account.	DIRECT CHARGES.			Cost of Construction as now estimated.	Expenditure against closed estimates.
	Previous.	1918-1919.	Total.		
	Rs.	Rs.	Rs.	Rs.	Rs.
I.—WORKS.					
(1)—Head Works.					
A. Preliminary Expenses ...	...	...	...	600	...
B. Land ...	4,052	...	4,052	13,200	...
C. Masonry Works ...	...	...	...	60,083	...
K. Buildings ...	...	...	...	1,000	...
L. Earth-work ...	40,743	4,947	45,690	2,72,039	...
P. Maintenance ...	681	15	696	712	...
Total, Head Works ...	45,476	4,962	50,438	3,47,644	...
(2)—Main Canals and Branches.					
A. Preliminary Expenses ...	...	...	...	200	...
B. Land ...	...	...	...	80	...
C. Masonry Works ...	...	...	...	4,500	...
K. Buildings ...	...	...	...	200	...
L. Earth-work ...	...	...	...	1,420	...
Total, Main Canals and Branches ...	...	...	...	6,400	...
Total, I.—Works ...	45,476	4,962	50,438	3,54,044	...
II.—ESTABLISHMENT.					
1 & 2. Direction and Accounts ...	2,064	1,151	10,642	17,038	...
3. Executive ...	7,427			61,337	...
Total, II.—Establishment ...	9,491	1,151	10,642	78,375	...
III.—Tools and Plant ...	545	106	651	5,111	...
Grand Total ...	55,512	6,219	61,731	4,37,530	...
V.—Less—Receipts on Capital Account ...	970	390	1,360	...	...
Net Outlay ...	54,542	5,829	60,371	4,37,530	...
APPORTIONMENT.					
Chargesable to 43.—Minor Works and Navigation ...	9,838	5,829	15,667	4,37,530	...
Do. 33.—Famine Relief ...	41,704	...	44,704		
Total ...	54,542	5,829	60,371	4,37,530	...

IRRIGATION BRANCH.

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1918-1919.

43.—MINOR WORKS AND NAVIGATION.

VICTORIA TANK.

TANK PROJECT.

No. 5.—Account of Indirect Charges for, and to end of, 1918-1919.

Particulars.				Previous.	1918-1919.	Total.
				Rs.	Rs.	Rs.
CAPITAL—						
1. Capitalized abatement of Land Revenue	...	...	...	2,463	...	2,463
2. Leave and Pension Allowances	...	...	...	1,330	161	1,491
Total	...	...	...	3,793	161	8,954

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 Capital Sanctions.	Total.	Charges to date.	Amount of sanctioned Estimate.	Unspent balance of Estimate.		
DIRECT CHARGES.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
Works	50,438	8,54,044	3,08,606	50,438	Government of India's No. 449-I. of 22nd March 1905—vide Government Resolution No. 1218 of 6th May 1905.
Establishment	10,642	78,375	67,733	10,642	
Tools and Plant	851	5,111	4,460	851	
Total	61,731	4,37,530	3,76,799	61,731	
Less—Receipts on Capital Account	1,360	...	1,360	1,360	
Net Total	60,371	4,37,530	3,77,159	60,371	
INDIRECT CHARGES.								
Capitalized abatement of Land Revenue	2,463	12,500	10,037	2,463	
Leave and Pension Allowances	1,491	10,973	9,482	1,491	
Total	3,954	23,473	19,519	3,954	
Grand Total	64,325	4,61,003	3,96,678	64,325	

IRRIGATION BRANCH

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1918-1919.

43.—MINOR WORKS AND NAVIGATION.

KOREGAON TANK.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1918-1919.

Receipts.	Total.			Charges.	Total.		
	Previous.	1918-1919.	Total.		Previous.	1918-1919.	Total.
	Ra.	Ra.	Ra.		Ra.	Ra.	Ra.
I.—DIRECT RECEIPTS.				I.—EXTENSIONS AND IMPROVEMENTS.			
1. Water-rates from Irrigation ...	35,777	2,572	38,349	1. Head Works ...	6,080	3,014	9,094
5. Plantations ...	1,642	4	2,547	2. Main Canals and Branches ...	345	...	345
6. Other canal produce ...		901		3. Distributaries ...	7	...	7
9. Rents of buildings ...	1	...	1	Total ...	6,432	3,014	9,446
11. Miscellaneous Receipts ...	298	68	366	II.—MAINTENANCE AND REPAIRS.			
Total ...	37,718	3,545	41,263	1. Head Works ...	8,862	314	8,876
				2. Main Canals and Branches ...	923	...	923
II.—INDIRECT RECEIPTS.				3. Distributaries ...	8,252	151	8,403
Irrigation share of Land Revenue collected in the Civil Department.	*3,089	...	3,089	Total ...	17,537	465	18,002
Total ...	3,089	...	3,089	IV.—ESTABLISHMENT.			
Total Receipts ...	40,807	3,545	44,352	1 & 2. Direction and Accounts ...	1,453	1,210	17,602
				3. Executive ...	14,939		
				Total ...	16,392	1,210	17,602
				V.—TOOLS AND PLANT ...	550	101	651
				VI.—REFUNDS OF REVENUE ...	18	...	18
				Total ...	40,929	4,790	45,719
				Share of Collection Charges in the Civil Department ...	2,133	129	2,268
				Indirect Charges debitable to Revenue Account as per Account No. 5 ...	2,297	169	2,466
				Total Charges ...	45,365	5,088	50,453
				Balance Net Revenue ...	-4,558	-1,543	-6,101
Grand Total ...	40,807	3,545	44,352	Grand Total ...	40,807	3,545	44,352

* This amount to end of January 1879, after which the revenue is credited as direct water-rates.

N.B.—Last Capital Account detailed in the Administrative Accounts for 1890-91. Construction Estimate closed on 31st March 1892—vide Government Resolution No. 1411, dated 12th September 1893. Completion Report approved in Government Resolution No. 654, dated 11th April 1894.

No. 5.—Account of Indirect Charges for, and to end of, 1918-1919.

Particulars.	Previous.	1918-1919.	Total.
	Ra.	Ra.	Ra.
REVENUE—			
2. Leave and Pension Allowances ...	2,297	169	2,466

IRRIGATION BRANCH.

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1918-1919.

43.—MINOR WORKS AND NAVIGATION.

ASHTI TANK.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1918-1919.

Receipts.	Total.			Charges.	Total.		
	Previous.	1918-1919.	Total.		Previous.	1918-1919.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
I.—DIRECT RECEIPTS.				I.—EXTENSIONS AND IMPROVEMENTS.			
1. Water-rates from Irrigation ...	2,54,801	{ 13,995 (a)310 }	2,69,106	1. Head Works ...	39,902	...	39,902
3. Sales of water ...	291	28	319	2. Main Canals and Branches ...	3,713	1,454	5,167
5. Plantations ...		35		3. Distributaries ...	2,284	...	2,284
6. Other canal produce ...	47,984	{ 4,222 }	52,241	Total ...	45,849	1,454	47,303
9. Rents of Buildings ...	630	55	685	II.—MAINTENANCE AND REPAIRS.			
10. Fines ...	25	...	25	1. Head Works ...	39,029	874	39,903
11. Miscellaneous Receipts ...	8,616	3,054	11,670	2. Main Canals and Branches ...	62,681	1,149	63,830
Total ...	3,12,347	21,699	3,34,046	3. Distributaries ...	5,052	27	5,079
				Total ...	1,06,762	2,050	1,08,812
II.—INDIRECT RECEIPTS				III.—COMPENSATION ...	15	...	15
Irrigation share of Land Revenue collected in the Civil Department.	...	...	...	IV.—ESTABLISHMENT.			
				1 & 2. Direction and Accounts ...	11,851		
				3. Executive ...	71,071	{ 1,219 }	84,323
				Allowance for Collection of Revenue ...	182		
				Total ...	83,104	1,219	84,323
				V.—TOOLS AND PLANT	2,914	102	3,016
				VI.—REFUNDS OF REVENUE ...	1,029	...	1,029
Total Receipts ...	3,12,347	21,699	3,34,046	Total ...	2,39,673	4,825	2,44,498
				Share of Collection Charges in the Civil Department ...	12,612	{ 828 (a)310 }	13,750
				Indirect Charges debitable to Revenue Account as per Account No. 5 ...	11,803	171	11,974
				Total Charges ...	2,64,085	6,134	2,70,222
				Balance Net Revenue ...	48,259	15,565	63,824
Grand Total ...	3,12,347	21,699	3,34,046	Grand Total ...	3,12,347	21,699	3, 4,046

(a) Amount adjusted by credit to water-rates and debit per contra on account of collection charges for the revenue realized by the Miraj State.

N.B.—Last Capital Account detailed in the Administrative Accounts for 1901-02. Construction Estimate closed on 31st March 1898—vide Government Resolution No. 1411, dated 12th September 1893. Completion Report approved in Government Resolution No. 490, dated 15th March 1894.

No. 5.—Account of Indirect Charges for, and to end of, 1918-1919.

Particulars.	Previous.	1917-1918.	Total.
	Rs.	Rs.	Rs.
REVENUE—			
1. Capitalized Abatement of Land Revenue ...	107	.....	107
2. Leave and Pension Allowances ...	11,696	171	11,867
Total ...	11,803	171	11,974

IRRIGATION BRANCH

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1918-1919.

43.—MINOR WORKS AND NAVIGATION.

PA'THBI TANK.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1918-1919.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1918-1919.	Total.		Previous.	1918-1919.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
—DIRECT RECEIPTS.				I.—EXTENSIONS AND IMPROVEMENTS.			
1. Water-rates from Irrigation ...	51,294	6,300	57,594	1. Head Works ...	729	...	729
3. Sales of water ...	475	445	920	2. Main Canals and Branches ...	483	...	483
5. Plantations ...	67	21	88	Total ...	1,192	...	1,192
6. Other canal produce ...	1,498	49	1,547	II.—MAINTENANCE AND REPAIRS.			
9. Rents of Buildings ...	1	...	1	1. Head Works ...	5,225	626	5,851
11. Miscellaneous Receipts ...	379	56	435	2. Main Canals and Branches ...	5,649	356	6,005
Total ...	53,714	6,871	60,585	3. Distributaries ...	1,182	36	1,218
				Total ...	12,056	1,018	13,074
				IV.—ESTABLISHMENT.			
				1 & 2. Direction and Accounts ...	600	354	6,815
				3. Executive ...	5,861		
				Total ...	6,461	354	6,815
				V.—TOOLS AND PLANT ...	884	80	914
				VI.—REFUNDS OF REVENUE ...	4	...	4
II.—INDIRECT RECEIPTS.				Suspense Account ...	-46	...	-46
Irrigation share of Land Revenue collected in the Civil Department.	...	...	...	Total ...	20,551	1,402	21,953
				Share of Collection Charges in the Civil Department ...	2,565	337	2,902
				Indirect Charges debitable to Revenue Account as per Account No. 5 ...	904	50	954
Total, Receipts ...	58,714	6,871	60,585	Total, Charges ...	24,020	1,783	25,809
				Balance Net Revenue ...	29,634	5,082	34,776
Grand Total ...	53,714	6,871	60,585	Grand Total ...	53,714	6,871	60,585

N.B.—Last Capital Account detailed in the Administrative Accounts for 1915-16.
Construction Estimate closed on 31st March 1909—vide Government Resolution No. 1654, dated 6th July 1902.
Completion Report approved in Government Resolution No. 2452, dated 22nd November 1910.

No. 5.—Account of Indirect Charges for, and to end of, 1918-1919.

Particulars.	Previous.	1918-1919.	Total.
REVENUE—	Rs.	Rs.	Rs.
2. Leave and Pension Allowances ...	904	50	954

IRRIGATION BRANCH.

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1918-1919.

43.—MINOR WORKS AND NAVIGATION.

REVA'RI CANAL.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1918-1919.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1918-1919.	Total.		Previous.	1918-1919.	Total.
I.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.	I.—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.
1. Water-rates from Irrigation ...	1,90,612	3,664	1,94,276	1. Head Works ...	510	...	510
3. Sales of water ...	11	...	11	2. Main Canals and Branches ...	1,117	...	1,117
5. Plantations ...	6,099	202	6,301	Total ...	1,627	...	1,627
6. Other canal produce ...	...	...	...	II.—MAINTENANCE AND REPAIRS.			
9. Rents of Buildings ...	835	31	866	1. Head Works ...	1,568	...	1,568
10. Fines ...	101	...	101	2. Main Canals and Branches ...	54,920	963	55,883
11. Miscellaneous Receipts ...	4	...	4	3. Distributaries ...	270	...	270
Total ...	1,97,662	3,897	2,01,559	Total ...	56,758	963	57,721
II.—INDIRECT RECEIPTS.				IV.—ESTABLISHMENT.			
Irrigation share of Land Revenue collected in the Civil Department	...	...	...	1 & 2. Direction and Accounts ...	2,470	607	39,371
Total, Receipts ...	1,97,662	3,897	2,01,559	3. Executive ...	36,294		
				Total ...	38,764	607	39,371
				V.—TOOLS AND PLANT ...	1,771	23	1,794
				VI.—REFUNDS OF REVENUE ...	19	...	19
				Total ...	98,939	1,593	1,00,532
				Share of Collection Charges in the Civil Department ...	9,496	183	9,679
				Indirect Charges debitable to Revenue Account as per Account No. 5 ...	6,491	85	6,576
				Total, Charges ...	1,14,926	1,861	1,16,787
				Balance Net Revenue ...	82,736	2,036	84,772
Grand Total ...	1,97,662	3,897	2,01,559	Grand Total ...	1,97,662	3,897	2,01,559

N.B.—Last Capital Account detailed in the Administrative Accounts for 1895-96. Construction Estimate closed on 31st March 1893
—vide Government Resolution No. 1411, dated 12th September 1893. Completion Report approved in Government
Resolution No. 489, dated 15th March 1895.

No. 5.—Account of Indirect Charges for, and to end of, 1918-1919.

Particulars.	Previous.	1918-1919.	Total.
REVENUE—	Rs.	Rs.	Rs.
2. Leave and Pension Allowances ...	6,491	85	6,576

IRRIGATION BRANCH.

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1918-1919.

43.—MINOR WORKS AND NAVIGATION.

UPPER MAN RIVER WORKS.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1918-1919.

Receipts.	TOTAL.			Charges.	TOTAL		
	Previous.	1918-1919.	Total.		Previous.	1918-1919.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
I.—DIRECT RECEIPTS.				I.—EXTENSIONS AND IMPROVEMENTS.			
1. Water-rates from Irrigation ...	1,45,898	1,575	1,47,473	1. Head Works ...	20,355	...	20,355
3. Sales of water ...	6	...	6	3. Distributaries ...	170	...	170
5. Plantations ...	8,064	...	8,136	Total ...	20,525	...	20,525
6. Other canal produce ...	...	72	...	II.—MAINTENANCE AND REPAIRS.			
9. Rents of Buildings... 971	...	31	1,002	1. Head Works ...	15,686	156	15,842
10. Fines ... 3	...	...	3	2. Main Canals and Branches ...	3,112	227	3,339
11. Miscellaneous Receipts ... 252	...	98	350	3. Distributaries ...	70,168	1,526	71,694
Total ...	1,55,194	1,776	1,56,970	Total ...	88,966	1,909	90,875
				III.—COMPENSATION ...	1	...	1
II.—INDIRECT RECEIPTS.				IV.—ESTABLISHMENT.			
Irrigation share of Land Revenue collected in the Civil Department. ...	...	...	...	1 & 2. Direction and Accounts... 5,090	1,206	53,301	53,301
				3. Executive ... 47,005			
Total, Receipts ...	1,55,194	1,776	1,56,970	Total ...	52,095	1,206	53,301
				V.—TOOLS AND PLANT ...	3,101	46	3,147
				VI.—REFUNDS OF REVENUE ...	167	...	167
				Total ...	1,64,855	3,161	1,68,016
				Share of Collection Charges in the Civil Department ...	7,286	79	7,365
				Indirect Charges debitable to Revenue Account as per Account No. 5... 7,871	169	8,040	8,040
				Total, Charges ...	1,80,012	3,409	1,83,421
				Balance Net Revenue ...	—24,818	—1,633	—26,451
Grand Total ...	1,55,194	1,776	1,56,970	Grand Total ...	1,55,194	1,776	1,56,970

N.B.—Last Capital Account detailed in the Administrative Accounts for 1900-01. Construction Estimate closed on 31st March 1902—vide Government Resolution No. 1411, dated 12th September 1899. Completion Report approved in Government Resolution No. 815, dated 22nd May 1895.

No. 5.—Account of Indirect Charges for, and to end of, 1918-1919.

Particulars.	Previous.	1918-1919.	Total.
	Rs.	Rs.	Rs.
REVENUE—			
1. Capitalized Abatement of Land Revenue. 24	...	...	24
2. Leave and Pension Allowances ... 7,847	169	...	8,016
Total ...	7,871	169	8,040

IRRIGATION BRANCH.

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.
ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1918-1919.
43.—MINOR WORKS AND NAVIGATION.

YECLA RIVER IRRIGATION WORKS.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1918-1919.

Receipts.	Total.			Charges.	Total.		
	Previous.	1918-1919.	Total.		Previous.	1918-1919.	Total.
I.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.	I.—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.
1. Water-rates from Irrigation ...	4,10,873	9,593	4,20,766	1. Head Works ...	47,369	...	47,369
3. Sales of water ...	23	...	23	2. Main Canals and Branches ...	965	...	965
5. Plantations ...	25,823	...	26,104	Total ...	48,334	...	48,334
6. Other canal produce ...	...	281	...	II.—MAINTENANCE AND REPAIRS.			
9. Rents of Buildings ...	934	...	934	1. Head Works ...	39,184	675	39,859
10. Fines ...	120	...	120	2. Main Canals and Branches ...	1,15,012	3,242	1,18,254
11. Miscellaneous Receipts ...	1,776	55	1,831	3. Distributaries ...	23,998	1,157	25,155
Total ...	4,39,549	10,229	4,49,778	Total ...	1,78,194	5,074	1,83,268
II.—INDIRECT RECEIPTS.				IV.—ESTABLISHMENT.			
Irrigation share of Land Revenue collected in the Civil Department ...	...	...	...	1 & 2. Direction and Accounts ...	10,244	3,205	1,06,648
Total, Receipts ...	4,39,549	10,229	4,49,778	3. Executive ...	93,199	...	...
				Total ...	1,03,443	3,205	1,06,648
				V.—TOOLS AND PLANT ...	3,868	121	3,989
				VI.—REFUNDS OF REVENUE	57	14	71
				Total ...	3,83,896	8,414	3,42,310
				Share of Collection Charges in the Civil Department ...	20,538	495	21,033
				Indirect Charges debitable to Revenue Account as per Account No. 5 ...	15,686	449	16,135
				Total, Charges ...	3,70,120	9,358	3,79,478
				Balance Net Revenue ...	69,429	871	70,300
Grand Total ...	4,39,549	10,229	4,49,778	Grand Total ...	4,39,549	10,229	4,49,778

N.B.—Last Capital Account detailed in the Administrative Accounts for 1907-08. Construction Estimate closed on 31st March 1896—vide Government Resolution No. 665, dated 12th May 1896. Completion Report approved in Government Resolution No. 1419, dated 8th October 1897.

No. 5.—Account of Indirect Charges for, and to end of, 1918-1919.

Particulars.	Previous.	1918-1919.	Total.
REVENUE—	Rs.	Rs.	Rs.
2. Leave and Pension Allowances ...	15,686	449	16,135

IRRIGATION BRANCH.

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1918-1919.

43.—MINOR WORKS AND NAVIGATION.

CHIKHLI CANAL.

TANK PROJECT.

No 3.—Revenue Account for, and to end of, 1918-1919.

Receipts.	Total.			Charges.	Total.		
	Previous.	1918-1919.	Total.		Previous.	1918-1919.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
I.—DIRECT RECEIPTS.				I.—EXTENSIONS AND IMPROVEMENTS.			
1. Water-rates from Irrigation ...	64,265	800	65,065	1. Head Works ...	968	...	968
3. Sales of water ...	1	...	1	2. Main Canals and Branches... ..	553	...	553
5. Plantations ...	...	38	...	Total ...	1,521	...	1,521
6. Other canal produce ...	5,613	...	5,651				
9. Rents of buildings.	50	...	50	II.—MAINTENANCE AND REPAIRS.			
11. Miscellaneous Receipts ...	80	...	80	1. Head Works ...	1,166	...	1,166
Total ...	70,009	838	70,847	2. Main Canals and Branches... ..	31,779	429	32,208
				Total ...	32,945	429	33,374
II.—INDIRECT RECEIPTS.				IV.—ESTABLISHMENT.			
Irrigation share of Land Revenue collected in the Civil Department ...	...			1 & 2. Direction and Accounts ...	1,567	271	21,356
				3. Executive ...	19,518		
Total, Receipts ...	70,009	838	70,847	Total ...	21,085	271	21,356
				V.—TOOLS AND PLANT ...	472	10	482
				VI.—REFUNDS OF REVENUE ...	158	...	158
				Total ...	56,181	710	56,891
				Share of Collection Charges in the Civil Department ...	3,218	40	3,258
				Indirect Charges debitable to Revenue Account as per Account No. 5 ...	3,496	38	3,534
				Total, Charges ...	62,895	788	63,683
				Balance Net Revenue ...	7,114	50	7,164
Grand Total ...	70,009	838	70,847	Grand Total ...	70,009	838	70,847

N. B.—Last Capital Account detailed in the Administrative Accounts for 1882-83. Construction Estimate closed on 31 March 1883—vide Government Resolution No. 1411, dated 12th September 1893. Completion Report approved in Government Resolution No. 489, dated 15th March 1895.

No. 5.—Account of Indirect Charges for, and to end of, 1918-1919.

Particulars.	Previous.	1918-1919.	Total.
	Rs.	Rs.	Rs.
REVENUE—			
2. Leave and Pension Allowances ...	3,496	38	3,534

IRRIGATION BRANCH.

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1918-1919.

43.—MINOR WORKS AND NAVIGATION.

MAIN TANK.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1918-1919.

Receipts.	Total.			Charges.	Total.		
	Previous.	1918-1919.	Total.		Previous.	1918-1919.	Total.
I.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.	I.—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.
1. Water-rates from Irrigation ...	2,23,868	7,478	2,31,346	1. Head Works ...	16,811	...	16,811
5. Plantations ...	...	...	...	3. Distributaries ...	123	...	123
6. Other canal produce ...	8,379	15	8,394	Total ...	16,934	...	16,934
9. Rents of Buildings ...	319	...	319	II.—MAINTENANCE AND REPAIRS.			
10. Fines ...	54	...	54	1. Head Works ...	13,239	153	13,392
11. Miscellaneous Receipts ...	102	156	258	2. Main Canals and Branches ...	535	419	954
Total ...	2,32,722	7,649	2,40,371	3. Distributaries ...	64,483	2,211	66,694
				Total ...	78,257	2,783	81,040
II.—INDIRECT RECEIPTS.				IV.—ESTABLISHMENT.			
Irrigation share of Land Revenue collected in the Civil Department.	...	...	...	1 & 2. Direction and Accounts ...	3,943	1,757	49,133
Total, Receipts ...	2,32,722	7,649	2,40,371	3. Executive ...	43,438		
				Total ...	47,376	1,757	49,133
				V.—TOOLS AND PLANT...	2,291	66	2,357
				VI.—REFUNDS OF REVENUE ...	82	22	104
				Total ...	1,44,940	4,628	1,49,568
				Share of Collection Charges in the Civil Department ...	11,198	374	11,572
				Indirect Charges debitable to Revenue Account as per Account No. 5 ...	7,294	246	7,540
				Total, Charges ...	1,63,432	5,248	1,68,680
				Balance Net Revenue ...	69,290	2,401	71,691
Grand Total ...	2,32,722	7,649	2,40,371	Grand Total ...	2,32,722	7,649	2,40,371

N.B.—Last Capital Account detailed in the Administrative Accounts for 1906-1907. Construction Estimate closed on 31st March 1892—vide Government Resolution No. 1411, dated 12th September 1893. Completion Report approved in Government Resolution No. 815, dated 22nd May 1895.

No. 5.—Account of Indirect Charges for, and to end of, 1918-1919.

Particulars.	Previous.	1918-1919.	Total.
	Rs.	Rs.	Rs.
REVENUE—			
1. Capitalized Abatement of Land Revenue ...	288	.....	288
2. Leave and Pension Allowances ...	7,906	246	7,252
Total ...	7,294	246	7,540

IRRIGATION BRANCH.

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1918-1919.

43.—MINOR WORKS AND NAVIGATION.

MUCHKUNDI TANK.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1918-1919.

Receipts.	Total.			Charges.	Total.		
	Previous.	1918-1919.	Total.		Previous.	1918-1919.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
I.—DIRECT RECEIPTS.				I.—EXTENSIONS AND IMPROVEMENTS.			
1. Water-rates from Irrigation ...	1,855	...	1,855	1. Head Works ...	410	...	410
3. Sales of Water ...	330	...	330	2. Main Canals and Branches ...	511	...	511
5. Plantations ...	...	...	...	Total ...	921	...	921
6. Other canal produce ...	13,172	3,009	16,181				
10. Fines ...	1	...	1	II.—MAINTENANCE AND REPAIRS.			
11. Miscellaneous Receipts ...	1,771	...	1,771	1. Head Works ...	5,084	...	5,084
Total ...	17,129	3,009	20,138	2. Main Canals and Branches ...	3,427	1,250	4,677
				Total ...	8,511	1,250	9,761
II.—INDIRECT RECEIPTS.				IV.—ESTABLISHMENT.			
Irrigation share of Land Revenue collected in the Civil Department ...	...	...	...	1 & 2. Direction and Accounts ...	395	516	4,003
				3. Executive ...	3,092	...	...
Total, Receipts ...	17,129	3,009	20,138	Total ...	3,487	516	4,003
				V.—TOOLS AND PLANT...	106	30	136
				Total ...	13,025	1,706	14,821
				Share of Collection Charges in the Civil Department ...	114	...	114
				Indirect Charges debit-able to Revenue Account as per Account No. 5 ...	486	72	558
				Total, Charges ...	13,625	1,668	15,493
				Balance Net Revenue ...	3,504	1,141	4,645
Grand Total ...	17,129	3,009	20,138	Grand Total ...	17,129	3,009	20,138

N.B.—Last Capital Account detailed in the Administrative Accounts for 1893-1894. Construction Estimate closed on 31st March 1891—vide Government Resolution No. 1411, dated 12th September 1893. Completion Report approved in Government Resolution No. 682, dated 12th April 1894.

No. 5.—Account of Indirect Charges for, and to end of, 1918-1919.

Particulars.	Previous.	1918-1919.	Total.
	Rs.	Rs.	Rs.
REVENUE—			
2. Leave and Pension Allowances ...	486	72	558

IRRIGATION BRANCH.

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1918-1919.

43.—MINOR WORKS AND NAVIGATION.

GADIKERI TANK.

TANK PROJECT.

No. 3—Revenue Account for, and to end of, 1918-1919.

Receipts.	Total.			Charges.	Total.		
	Previous.	1918-1919.	Total.		Previous.	1918-1919.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
I.—DIRECT RECEIPTS.				I.—EXTENSIONS AND IMPROVEMENTS ...	...	...	...
1. Water-rates from Irrigation ...	8,959	...	8,959				
5. Plantations ...	84	{ ... }	84	II.—MAINTENANCE AND REPAIRS.			
6. Other canal produce ...							
Total ...	9,043	...	9,043	1. Head Works ...	8,119	109	8,228
II.—INDIRECT RECEIPTS.				IV.—ESTABLISHMENT.			
Irrigation share of Land Revenue collected in the Civil Department ...	72,067	2,061	74,128	1 & 2. Direction and Accounts ...	382	84	1,904
				3. Executive ...	1,438		
Total, Receipts ...	81,110	2,061	83,171	Total ...	1,820	84	1,904
				V.—TOOLS AND PLANT ..	33	2	35
				VI.—REFUNDS OF REVENUE.	2,021	...	2,021
				Total ...	11,993	195	12,188
Carried over ...	81,110	2,061	83,171	Carried over ...	11,993	195	12,188

IRRIGATION BRANCH.

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1918-1919.

43.—MINOR WORKS AND NAVIGATION.

GADIKERI TANK.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1918-1919.

Receipts.	Total.			Charges.	Total.		
	Previous.	1918-1919.	Total.		Previous.	1918-1919.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
Brought forward ...	81,110	2,061	83,171	Brought forward ...	11,993	195	12,188
				Share of Collection Charges in the Civil Department .	8,106	208	8,312
				Indirect Charges debitable to Revenue Account as per Account No. 5 ...	254	12	266
				Total, Charges ...	20,353	413	20,766
				Balance Net Revenue ...	60,757	1,648	62,405
Grand Total ...	81,110	2,061	83,171	Grand Total ...	81,110	2,061	83,171

N.B.—Last Capital Account detailed in the Administrative Accounts for 1905-1906. Construction Estimate closed on 31st March 1892—vide Government Resolution No. 1411, dated 12th September 1893. Completion Report approved in Government Resolution No. 101, dated 18th January 1894.

No. 5.—Account of Indirect Charges for, and to end of, 1918-1919.

Particulars.	Previous.	1918-1919.	Total.
	Rs.	Rs.	Rs.
REVENUE—			
2. Leave and Pension Allowances	254	12	266

IRRIGATION BRANCH.

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1918-1919.

43.—MINOR WORKS AND NAVIGATION.

GOKA'K CANAL—FIRST SECTION AND STORAGE WORKS.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1918-1919.

Receipts.	Total.			Charges.	Total.		
	Previous.	1918-1919.	Total.		Previous.	1918-1919.	Total.
I.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.	I.—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.
1. Water-rates from Irrigation ...	7,58,781	33,135	7,91,916	1. Head Works ...	5,863	689	6,552
3. Sales of water ...	6,576	318	6,894	2. Main Canals and Branches ...	1,184	...	1,184
5. Plantations ...	24,345	300	28,296	Total ...	6,997	689	7,686
6. Other canal produce ...		3,651		II.—MAINTENANCE AND REPAIRS.			
7. Water-power ...	3,66,281	14,313	3,80,594	1. Head Works ...	63,882	3,481	67,363
9. Rents of Buildings.	854	21	875	2. Main Canals and Branches ...	36,903	508	37,411
10. Fines ...	44	...	44	3. Distributaries ...	24,249	631	24,880
11. Miscellaneous Receipts ...	22,297	1,168	23,465	Total ...	1,25,034	4,620	1,29,654
Total ...	11,79,178	52,906	12,32,084	IV.—ESTABLISHMENT.			
II.—INDIRECT RECEIPTS				1 & 2. Direction and Accounts ...	6,115	4,092	1,08,483
Irrigation share of Land Revenue collected in the Civil Department.	...	...	...	3. Executive ...	98,276		
Total, Receipts ...	11,79,178	52,906	12,32,084	Total ...	1,04,391	4,092	1,08,483
				V.—TOOLS AND PLANT...	9,607	127	9,734
				VI.—REFUNDS OF REVENUE...	3,241	121	3,362
				Total ...	2,49,270	9,649	2,58,919
				Share of Collection Charges in the Civil Department ...	42,760	1,678	44,438
				Indirect Charges debitable to Revenue Account as per Account No. 5 ...	14,614	573	15,187
				Total, Charges ...	3,06,644	11,900	3,18,544
				Balance Net Revenue ...	8,72,584	41,066	9,13,650
Grand Total ...	11,79,178	52,906	12,32,084	Grand Total ...	11,79,178	52,906	12,32,084

N. B.—Last Capital Account detailed in the Administrative Accounts for 1906-07 and No. 6 in 1909-1910. Construction Estimate closed on 31st March 1897—vide Government Resolution No. 1893, dated 2nd October 1897. Completion Report approved in Government Resolution No. 327, dated 10th February 1900.

IRRIGATION BRANCH.

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1918-1919.

43.—MINOR WORKS AND NAVIGATION.

GOKAK CANAL—FIRST SECTION AND STORAGE WORKS.

CANAL PROJECT.

No. 4.—Interest Account for, and to end of, 1918-1919.

	Amount.		Amount.
	Rs.		Rs.
Total Interest charges to end of 1917-1918.	5,49,813	Net Revenue realized to end of 1917-1918.	3,743
Interest charges for the year 1918-1919 ...	13,960	Do. during 1918-1919 ...	...
			3,743
		Balance net interest charges	5,60,030
Total ...	5,63,773	Total ...	5,63,773

Interest on outlay charged to 35—Protective Works as per Government of India's No. 4-A.I. of 10th January 1891.

No. 5.—Account of Indirect Charges for, and to end of, 1918-1919.

Particulars.	Previous.	1918-1919.	Total.
	Rs.	Rs.	Rs.
REVENUE—			
2. Leave and Pension Allowances ...	14,614	578	15,187

IRRIGATION BRANCH.

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.
ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1918-1919.

43.—MINOR WORKS AND NAVIGATION.

DAMBAL TANK.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1918-1919.

Receipts.	Total.			Charges.	Total.		
	Previous.	1918-1919.	Total.		Previous.	1918-1919.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
I.—DIRECT RECEIPTS.				I.—EXTENSIONS AND IMPROVEMENTS.			
1. Water-rates from Irrigation ...	17,761	953	18,714	1. Head Works ...	634	...	634
5. Plantations ...	12,804	...	13,474	II.—MAINTENANCE AND REPAIRS.			
6. Other canal produce ...		670		1. Head Works ...	13,730	1,168	14,898
11. Miscellaneous receipts ...	384	...	384	3. Distributaries ...	670	...	670
				Total ...	14,400	1,168	15,568
				IV.—ESTABLISHMENT.			
Total ...	30,949	1,623	32,572	1 & 2. Direction and Accounts ...	634	823	15,215
				3. Executive ...	13,758		
				Total ...	14,392	823	15,215
II.—INDIRECT RECEIPTS.				V.—TOOLS AND PLANT ...	13	28	41
Irrigation share of Land Revenue collected in the Civil Department.	32,182	916	33,098	VI.—REFUNDS OF REVENUE ...	126	...	126
				Total ...	29,565	2,019	31,584
Total, Receipts ...	63,131	2,539	65,670	Share of Collection Charges in the Civil Department ...	4,288	139	4,427
				Indirect Charges debitable to Revenue Account as per Account No. 5 ...	2,147	115	2,262
				Total, Charges ...	36,000	2,273	38,273
				Balance Net Revenue...	27,131	266	27,397
Grand Total ...	63,131	2,539	65,670	Grand Total ...	63,131	2,539	65,670

N.B.—Last Capital Account detailed in the Administrative Accounts for 1885-86.

Construction Estimate closed on 31st March 1886—*vide* Government Resolution No. 1411, dated 12th September 1893.

Completion Report approved in Government Resolution No. 1188, dated 16th July 1894.

No. 5.—Account of Indirect Charges for, and to end of, 1918-1919.

Particulars.	Previous.	1918-1919.	Total.
	Rs.	Rs.	Rs.
REVENUE—			
1. Capitalized Abatement of Land Revenue ...	124	...	124
2. Leave and Pension Allowances ...	2,023	115	2,138
Total ...	2,147	115	2,262

IRRIGATION BRANCH.

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1918-1919.

43.—MINOR WORKS AND NAVIGATION.

MEDLERI TANK.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1918-1919.

Receipts.	Total.			Charges.	Total.		
	Previous.	1918-1919.	Total.		Previous.	1918-1919.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
I.—DIRECT RECEIPTS.				I—EXTENSIONS AND IMPROVEMENTS.			
1. Water-rates from Irrigation ...	18,650	145	18,795	1. Head Works ...	141	...	141
5. Plantations ...	1,051	...	1,638	II.—MAINTENANCE AND REPAIRS.			
6. Other canal produce ...	...	587	...	1. Head Works ...	13,527	325	13,862
11. Miscellaneous Receipts ...	88	5	93	2. Main Canals and Branches ...	24	...	24
Total ...	19,789	737	20,526	3. Distributaries ...	2,191	...	2,191
				Total ...	15,752	325	16,077
II.—INDIRECT RECEIPTS.				IV.—ESTABLISHMENT.			
Irrigation share of Land Revenue collected in the Civil Department.	...	...	...	1 & 2. Direction and Accounts ...	658	229	13,659
				3. Executive ...	12,772		
				Total ...	13,430	229	13,659
Total, Receipts ...	19,789	737	20,526	V.—TOOLS AND PLANT ..	12	8	20
				VI.—REFUNDS OF REVENUE.	299	...	299
				Total ...	29,634	562	30,196
				Share of Collection Charges in the Civil Department ...	931	8	939
				Indirect Charges debitable to Revenue Account as per Account No. 5 ...	1,879	32	1,911
				Total Charges ...	32,444	602	33,046
				Balance Net Revenue ...	-12,655	135	-12,520
Grand Total ...	19,789	737	20,526	Grand Total ...	19,789	737	20,526

N. H.—Last Capital Account detailed in the Administrative Accounts for 1895-96. Construction Estimate closed on 31st March 1899—vide Government Resolution No. 1411, dated 12th September 1893. Completion Report approved in Government Resolution No. 1138 dated 16th July 1894.

No. 5.—Account of Indirect Charges for, and to end of, 1918-1919.

Particulars.	Previous.	1918-1919.	Total.
	Rs.	Rs.	Rs.
REVENUE—			
2. Leave and Pension Allowances ...	1,879	32	1,911

IRRIGATION BRANCH.

BOMBAY PRESIDENCY

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1918-1919.

43.—MINOR WORKS AND NAVIGATION.

MADAG TANK.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1918-1919.

Receipts.	Total			Charges.	Total		
	Previous.	1918-1919.	Total.		Previous.	1918-1919.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
I.—DIRECT RECEIPTS.				I.—EXTENSIONS AND IMPROVEMENTS.			
1. Water-rates from Irrigation ...	95,891	1,642	97,533	2. Main Canals and Branches ...	1,537	...	1,537
5 Plantations ...	6,947	120	7,319	II.—MAINTENANCE AND REPAIRS.			
6. Other canal produce ...		252		1 Head Works ...	2,069	618	2,687
11. Miscellaneous Receipts ...	328	...	328	2. Main Canals and Branches ...	48,677	...	48,677
Total ...	1,03,166	2,014	1,05,180	Total ...	50,746	618	51,364
II.—INDIRECT RECEIPTS.				IV.—ESTABLISHMENT.			
Irrigation share of Land Revenue collected in the Civil Department.	...	...	...	5 & 2. Direction and Accounts ...	1,936	435	36,484
				3 Executive ...	34,113		
Total, Receipts ...	1,03,166	2,014	1,05,180	Total ...	36,049	435	36,484
				V.—TOOLS AND PLANT ...	568	15	583
				Total ...	88,900	1,068	89,968
				Share of Collection Charges in the Civil Department ...	4,819	82	4,901
				Indirect Charges debitable to Revenue Account as per Account No. 5 ...	5,679	61	5,740
				Total, Charges ...	99,398	1,211	1,00,609
				Balance Net Revenue ...	3,768	803	4,571
Grand Total ...	1,03,166	2,014	1,05,180	Grand Total ...	1,03,166	2,014	1,05,180

N.B.—Last Capital Account detailed in the Administrative Accounts for 1888-89. Construction Estimate closed on 31st March 1889—vide Government Resolution No. 1411, dated 12th September 1893. Completion Report approved in Government Resolution No. 1138, dated 16th July 1894.

No. 5.—Account of Indirect Charges for, and to end of, 1918-1919.

Particulars.	Previous.	1918-1919.	Total.
	Rs.	Rs.	Rs.
REVENUE —			
2. Leave and Pension Allowances...	5,679	61	5,740

IRRIGATION BRANCH

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1918-1919.

43.—MINOR WORKS AND NAVIGATION.

ASUNDI TANK.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1918-1919.

Receipts.	Total.			Charges.	Total.		
	Previous.	1918-1919.	Total.		Previous.	1918-1919.	Total.
I.—DIRECT RECEIPTS.	Ra.	Ra.	Rs.	I.—EXTENSIONS AND IMPROVEMENTS.	Ra.	Rs.	Rs.
1. Water-rates from Irrigation ...	17,306	769	18,075	1. Head Works ...	219	...	219
5. Plantations... } 6. Other canal pro- } duce ... } 10. Fines ... } 11. Miscellaneous Re- } ceipts ... }	1,685 19 38	{ ... 937	{ 2,622 19 38	II.—MAINTENANCE AND REPAIRS.			
Total ..	19,048	1,706	20,754	1. Head Works ...	23,290	277	23,567
II.—INDIRECT RECEIPTS.				3. Distributaries ...	2,043	...	2,043
Irrigation share of Land Revenue collected in the Civil Department ...	19,706	687	20,393	Total ...	25,333	277	25,610
Total, Receipts ...	38,754	2,393	41,147	IV.—ESTABLISHMENT.			
				1 & 2. Direction and Accounts ...	1,239	195	21,839
				3. Executive ...	20,405		
				Total ...	21,644	195	21,839
				V.—TOOLS AND PLANT ...	513	6	519
				Total ...	47,709	478	48,187
				Share of Collection Charges in the Civil Department ...	2,858	107	2,965
				Indirect Charges debit-able to Revenue Account as per Account No. 5 ...	3,040	27	3,067
				Total, Charges ...	53,607	612	54,219
				Balance Net Revenue ...	-14,853	1,781	-13,02
Grand Total ...	38,754	2,393	41,147	Grand Total ..	38,7	2,393	41,1474

N. R.—Last Capital Account detailed in the Administrative Accounts for 1889-90. Construction Estimate closed on 31st March 1890—vide Government Resolution No. 1411, dated 12th September 1893. Completion Report approved in Government Resolution No. 1138, dated 16th July 1894.

No. 5.—Account of Indirect Charges for, and to end of, 1918-1919.

Particulars.	Previous.	1918-1919.	Total.
REVENUE—	Ra.	Ra.	Rs.
1. Capitalized Abatement of Land Revenue ...	9	.....	9
2. Leave and Pension Allowances ...	3,031	27	3,058
Total ...	3,040	27	3,067

IRRIGATION BRANCH.

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1918-1919.

43.—MINOR WORKS AND NAVIGATION.

DHARMA CANAL.

CANAL PROJECT.

No. 2.—Capital Account for, and to end of, 1918-1919.

Heads of Account.	DIRECT CHARGES.			Cost of construction as now estimated.	Expenditure against closed estimates.
	Previous.	1918-1919.	Total.		
I.—WORKS.	Rs.	Rs.	Rs.	Rs.	Rs.
(1)—Head Works.					
K. Buildings	2,286	...	2,286	2,286	...
(2)—Main Canals and Branches.					
A. Preliminary Expenses	1,775	...	1,775	1,775	...
B. Land	476	...	476	476	...
D. Regulators	18,398	134	18,527	18,607	...
F. River and Hill Torrent Works	18,439	72	18,511	18,523	...
G. Bridges	868	...	868	875	...
H. Escapes	7,694	—184	7,510	7,514	...
K. Buildings	3,385	...	3,385	3,386	...
L. Earth-work	16,269	159	16,428	17,022	...
O. Miscellaneous	4,355	2,220	6,575	7,334	...
Total, Main Canals and Branches ...	71,654	2,401	74,055	75,512	...
Total, I.—Works ...	73,940	2,401	76,341	77,798	...
II.—ESTABLISHMENT.					
1 & 2. Direction and Accounts	3,781	} 496	16,270	16,624	...
3. Executive	11,993				
Total, Establishment ...	15,774	496	16,270	16,624	...
III.—TOOLS AND PLANT ...	1,046	57	1,103	1,160	...
Grand Total ...	90,760	2,954	93,714	95,582	...
V.—Less Receipts on Capital Account ...	...	...	...	...	...
Net Outlay ...	90,760	2,954	93,714	95,582	...
APPORTIONMENT.					
Chargeable to 43—Minor Works and Navigation	90,760	2,954	93,714	95,582	...

IRRIGATION BRANCH.

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.
ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1918-1919.
43.—MINOR WORKS AND NAVIGATION.

DHARMA CANAL.
CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1918-1919.

Receipts.	Total.			Charges.	Total.		
	Previous.	1918-1919.	Total.		Previous.	1918-1919.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
I.—DIRECT RECEIPTS.				II.—MAINTENANCE AND REPAIRS.			
1. Water-rates from Irrigation ...	8,898	4,697	13,595	1. Head Works ...	5,425	2,292	7,717
6. Other canal produce.	21	...	21	2. Main Canals and Branches ...	2,071	...	2,071
11. Miscellaneous Receipts ...	411	298	709	Average expenditure before Improvements ..	-6,950	-1,390	-8,340
Total ...	9,330	4,995	14,325	Total ...	546	902	1,448
II.—INDIRECT RECEIPTS.				IV.—ESTABLISHMENT.			
Irrigation share of Land Revenue collected in the Civil Department.	90,975	18,195	1,09,170	1 & 2. Direction and Accounts ...	251	1,143	7,167
Average Indirect Revenues as per Government Resolution No. A.I.—1650, dated 16th August 1911 ...	-1,15,780	-23,156	-1,38,936	3. Executive ...	5,778		
Total ...	-24,805	-4,961	-29,766	Total ...	6,024	1,143	7,167
Total Receipts ...	-1,475	34	-15,441	V.—TOOLS AND PLANT...	57	55	112
				Total ...	6,827	2,100	8,727
				Share of Collection Charges in the Civil Department ...	-2,015	-248	-2,261
				Indirect Charges debitable to Revenue Account as per Account No. 5 ...	844	180	1,004
				Total Charges ...	5,456	2,014	7,470
				Balance Net Revenue ...	-20,931	-1,980	-22,911
Grand Total ...	-15,475	34	-15,441	Grand Total ..	-15,475	34	-15,441

IRRIGATION BRANCH.

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1918-1919.

43.—MINOR WORKS AND NAVIGATION.

DHARMA CANAL.

CANAL PROJECT.

No. 5.—Account of Indirect Charges for, and to end of, 1918-1919.

Particulars.	Previous.	1918-1919.	Total.
CAPITAL—	Rs.	Rs.	Rs.
1. Capitalized Abatement of Land Revenue ...	2	.....	2
2. Leave and Pension Allowances ...	2,208	69	2,277
Total ...	2,210	69	2,279
REVENUE—			
2. Leave and Pension Allowances ...	844	160	1,004

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 Capital Sanctions.	Total.	Charges to date.	Amount of sanctioned Estimate.	Unspent balance of Estimate.		
DIRECT CHARGES.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
Works	76,341	77,798	1,457	76,341	
Establishment	16,270	16,624	354	16,270	
Tools and Plant	1,103	1,160	57	1,103	
Total	93,714	95,582	1,868	93,714	
Less—Receipts on Capital Account.	
Net Total	93,714	95,582	1,868	93,714	
INDIRECT CHARGES.								
Capitalized Abatement of Land Revenue	2	425	423	2	
Leave and Pension Allowances	2,277	2,327	50	2,277	
Total	2,279	2,752	473	2,279	
Grand Total	95,993	98,334	2,341	95,993	

Revised Estimate sanctioned in Government Resolution No. W. I. 4685 (P. W. D.), dated 4th May 1910.

IRRIGATION BRANCH.

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1918-1919.

43.—MINOR WORKS AND NAVIGATION.

MAVINKOP TANK.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1918-1919.

Receipt.	Total.			Charges.	Total.		
	Previous.	1918-1919.	Total.		Previous.	1918-1919.	Total.
I.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.	I.—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.
5. Plantations ...	28	{ ... }	28	1. Head Works ...	1,440	...	1,440
6. Other canal produce ...		{ ... }		3. Distributaries ...	158	...	158
11. Miscellaneous Receipts ...	169	...	169	Total ...	1,598	...	1,598
Total ...	197	...	197	II.—MAINTENANCE AND REPAIRS.			
				1. Head Works ...	4,059	164	4,223
				3. Distributaries ...	348	...	348
				Total ...	4,407	164	4,571
II.—INDIRECT RECEIPTS.				IV.—ESTABLISHMENT.			
Irrigation share of Land Revenue collected in the Civil Department ...	57,133	2,279	59,412	1 & 2. Direction and Accounts ...	275	116	4,796
				3. Executive ...	4,405		
Total ...	57,133	2,279	59,412	Total ...	4,680	116	4,796
				V.—TOOLS AND PLANT.	17	4	21
Total Receipts ...	57,330	2,279	59,609	Total ...	10,702	284	10,986
				Share of Collection Charges in the Civil Department ...	5,722	228	5,950
				Indirect Charges debitable to Revenue Account as per Account No. 5 ...	656	16	672
				Total Charges ...	17,080	528	17,608
				Balance Net Revenue ...	40,250	1,751	42,001
Grand Total ...	57,330	2,279	59,609	Grand Total ...	57,330	2,279	59,609

N.B.—Last Capital Account detailed in the Administrative Accounts for 1901-02. Construction Estimate closed on 31st March 1892—*vide* Government Resolution No. 1411, dated 12th September 1893. Completion Report approved in Government Resolution No. 1138, dated 16th July 1894.

No. 5.—Account of Indirect Charges for, and to end of, 1918-1919.

Particulars	Previous.	1918-1919.	Total.
REVENUE—	Rs.	Rs.	Rs.
2. Leave and Pension Allowances ...	656	16	672

IRRIGATION BRANCH.

BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1918-1919.

43.—MINOR WORKS AND NAVIGATION.

WORKS FOR WHICH ONLY REVENUE ACCOUNTS ARE KEPT.

SIND.

No. 3.—Revenue Account for, and to end of, 1918-1919.

Receipts.	Total.			Charges.	Total.		
	Previous.	1918-1919.	Total.		Previous.	1918-1919.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
I.—DIRECT RECEIPTS.							
1. Water-rates from Irrigation ...	4,65,840	23,840	4,89,680	I.—EXTENSIONS AND IMPROVEMENTS ...	22,37,840	61,674	22,99,514
2. Sales of water ...	1,098	72	1,170				
4. Water-supply of tows ...	1	...	1				
5. Plantations ...		1,266					
6. Other canal produce ...	2,68,957	11,196	2,81,419	II.—MAINTENANCE AND REPAIRS ...	96,95,858	6,07,089	1,03,02,947
8. Navigation ...	32	10	42				
9. Rents of buildings ...	30,354	3,211	33,565				
10. Fines ...	35,731	775	36,506	IV.—ESTABLISHMENT.			
11. Miscellaneous Receipts ...	4,03,455	18,246	4,21,701	1 & 2. Direction and Accounts ...	5,02,000		
Receipts from 1874-75 to 1899-1900.	12,02,054	...	12,02,054	3. Executive ...	18,57,630	1,49,368	25,09,198
Total ...	24,07,522	58,616	24,66,138	Total ...	23,59,830	1,49,368	25,09,198
II.—INDIRECT RECEIPTS.				V.—TOOLS AND PLANT ...	1,224	—10,557	—9,333
Irrigation share of Land Revenue collected in the Civil Department ...	4,24,59,673	16,45,276	4,41,04,969	VI.—REFUNDS OF REVENUE ...	23	387	410
4 per cent. on 9/10ths of the proceeds from sales of occupancy rights per Government of India Nos. 53 and 58-A. I., dated respectively 20th June and 1st Aug. 1889, communicated in Government Resolution No. 1209, dated 10th July, and No. 1913, dated 7th November 1889.	7,79,970	50,681	8,30,651	Suspense Accounts ...	—463	—2,036	—2,499
Receipts from 1874-75 to 1899-1900 ...	4,71,38,677	...	4,71,38,677	Total ...	1,42,94,312	8,05,925	1,51,00,237
Total ...	9,03,76,340	16,95,957	9,20,74,297	Share of Collection Charges in the Civil Department ...	25,97,947	1,00,200	26,98,147
Total Receipts ...	9,27,85,862	17,54,573	9,45,40,435	Indirect Charges debitable to Revenue Account as per Account No. 5 ...	*	*	*
Note.—Loss to the canal on account of difference between assessment of water-rates on Jāghir lands and assessment at the ordinary rates in force for Government lands noted here per Government of India letter No. 233-L, dated 14th June 1883, communicated under Government Resolution No. 400, dated 11th August 1883.				Receipts from 1874-75 to 1899-1900 ...	2,22,85,677	...	2,22,85,677
To end of 1917-1918 ...	36,68,058			Total Charges ...	3,91,77,936	9,06,125	4,00,84,061
Loss for 1918-1919 ...	1,23,717			Balance Net Revenue ...	5,36,07,926	8,48,448	5,44,56,374
Total ...	37,86,775			Grand Total ...	9,27,85,862	17,54,573	9,45,40,435
Grand Total ...	9,27,85,862	17,54,573	9,45,40,435				

* Not calculated in respect of works for which only Revenue Accounts are kept.

N.B.—This account has been prepared in accordance with the instructions contained in Government of India's No. 636-C.W.L., dated 10th July 1901, communicated in Government Resolution No. A. I.—1453, dated 12th July 1901.

BOMBAY: PRINTED AT THE GOVERNMENT CENTRAL PRESS.

STATISTICAL STATEMENTS

FOR

IRRIGATION WORKS, DECCAN AND GUJARAT,

FOR THE YEAR 1918-1919.

STATEMENT

Statement of Canals in the Bombay

Source of Supply of Water.	(1) Pravara Right Bank Canal.	(2) Girna Left Bank Canal.	(3) Godavari Canals.		(4) Nira Left Bank Canal.	(8) Nira Right Bank Canal.	(9) Hathmati and Khari Cut Canals combined.		
	Pravara River.	Girna River.	Godavari Right Bank Canal.	Godavari Left Bank Canal.	River Nira and Reservoir at Bhátghar.	River Nira and Reservoir at Vir.	Hathmati Canal.	Khari Cut Canal.	
			Godavari River.				Hathmati River.	Khári River.	
Minimum discharge per second.	C. ft. per second.	K. 15'00 R. 10'00 H.W. 17'00	K. 38'00 R. 43'78 H.W. 43'00 Supplied for 0 m Chauk a- par Tank.	K. 29'00 R. 75'00 H.W. 92'00	K. 68'00 R. 48'00 H.W. 71'00	K. 1,318 R. 94 H. 5	Under construction.	K. 23 R. 19 H.W. 37	8 7 23
Maximum discharge of canal.		K. 120'00 R. 63'00 H.W. 168'00	K. 75'88 R. 57'61 H.W. 64'99	K. 288'00 R. 340'00 H.W. 270'00	K. 190'00 R. 208'00 H. 139'00	456		K. 358 R. 47 H.W. 128	293 38 73
Average annual rainfall ... Inches.		21'64	19'08	18'64	19'96	20'91		145†	K. 24'01 R. 0'73	24'55 0'78
Gross area commanded ... Acres.	73,763	18,982	144,310	88,030	274,447	603,000	44,744	32,000	
Culturable do. ... "	60,000	15,109	130,390	83,000	227,670	480,000	28,840	20,000	
Area irrigable by complete project ... "	45,000	8,500	49,331	30,109	113,280	113,800	11,336	16,000	
Area irrigable at present ... "	24,656	5,100	49,331	30,109	113,280	.....	8,000	16,000
Sanctioned Estimate—									
Direct charges Rs.	1,11,20,711	18,88,540	96,46,098		37,34,655	2,49,71,868	4,94,705	5,79,678	
Indirect charges "	5,49,881	64,232	4,90,702		3,69,780	8,00,631	30,000	30,651	
Interest during construction . "	.....	.....	.....		28,44,872	.....	2,37,687	.....
Total, Estimate ... Rs.	(a) 1,16,70,592	19,53,072	(a) 1,00,36,800		89,49,397†	2,67,72,499	7,62,392	6,10,320	
Expenditure to end of 1918-19.	Direct charges ... Rs.	81,19,803	18,76,204	96,03,059	61,69,237	1,42,53,698	4,90,925	7,50,058	
	Indirect charges ... "	2,59,327	62,001	4,91,716	3,68,596	8,24,403	26,913	47,207 870	
	Interest during construction ... "	18,20,515	7,84,369	27,15,488	31,56,403	17,23,856	2,37,687	.....
Total Expenditure ... Rs.	96,99,645	27,21,564	1,28,10,263		96,94,236†	1,68,06,959	7,55,525	7,98,135	
Works as now sanctioned—									
Main Canals, Irrigation ... Miles.	33	13'11	70†	48	100'25	110	21	31	
Branch Canals do. ... "	.....	.....	.....	.....	.....	.....	.....	8
Distributaries "	13	9'80	48	9'46	139'00	.....	25	27
Of above—									
Navigable Channels ... Miles.	.....	.....	.....	.....	.....	.....	.....	.....
Works completed at end of 1918-1919—									
Main Canals, Irrigation ... Miles.	33	13'11	70†	48	100'25	.....	21	31
Branch Canals do. ... "	.....	.....	.....	.....	.....	.....	.....	8
Distributaries "	13	9'93	48	9'46	139'00	.....	30	27†
Of above—									
Navigable Channels ... Miles.	.....	.....	.....	.....	.....	.....	.....	.....

(a) These are for the whole Project.

* These figures are for the Old Ojar Left Bank Canal.

† Estimated rainfall in the catchment.

‡ These figures do not include the amount for widening the Nira Left Bank Canal.

§ Revised by the Executive Engineer, Nasik Irrigation District as per Part III on page 4 of the accompaniments to Government Resolution No. W. I.—3023 of 11th April 1917.

2½ miles are added for Munshiwalli branch which is completed during the year.

I-A.

Presidency, excluding Sind, for the year 1918-1919.

(11) Kādva River Works.			(12) Lakh Canal.	(15) Krishna Canal.	(23) Jāmda Canal.	(25) Pravara Left Bank Canal.	(28) Ravari Canal.	(36) Chikhli Canal.	(40) Gokak Canal, 1st Section, and Storage Works.	(48) Dharna Canal.
Falkhed Canal.	Ojhar Tambat Canal.	Wardli Canal.								
Kādva River.	Bānganga River.	Kādva River.	Pravara River.	River Krishna.	Girna River.	Pravara River.	River Wārna.	River Nāndul.	River Ghata- prahā and Storage works.	Dharna River.
K. 7-89	K. 2-34	K. 5-58	K. 6-66	K. 900-64	K. 22-08	K. 41-00	K. 2-52	K. Dry.	K. Flood.	K. Information not available.
R. { Supplied from Wag- had tank	R. { Supplied from Wag- had tank	R. 3-45	R. 0-46	R. 15-40	R. 25-92	R. 18-00	R. 2-54	R. "	R. 23-08	R. Nil.
H.W. 72-96	H.W. 72-96	H.W. 4-86	H.W. 8-21	H.W. 41-00	H.W. 72-96	H.W. Nil.	H. 4-61	H. 0-78	H. Nil	H. Nil.
					Left Bank. K. 119-28 21-78	K. 127-00			Canal Mills.	
K. 37-80	K. 10-71	K. 15-85	K. 10-19						K. 60 08	K. 201-51
R. 33-73	R. 10-16	R. 14-38	R. 12-10	114-00	R. 67-57 32-73	R. 40-00	5-65	17-36	R. 66 08	R. Nil.
H.W. 38-68	H.W. 11-84	H.W. 14-65	H.W. 20-01		H.W. 103-41 33-28	H.W. Nil.			H.W. 30-50 08	H. Nil.
26-14	19-27	20-01	22-40	27-68	25-22	22-00	25-46	20-68	{ Dhupdal 27-00 Gokak 28-32 }	79-72
28,832	8,056	3,486	29,913	28,327	37,122 9,166	23,724	3,813	1,871	18,068	13,562
26,280	7,421	2,729	26,536	26,453	33,124 7,061	21,155	3,824	1,478	17,627	12,870
28,468	6,824	2,433	22,700	12,320	3,503 1,500	20,086	1,820	1,478	17,627	12,870
9,837	2,967	2,433	11,280	12,320	3,500 1,500	14,763	1,923	1,478	17,627	12,870
2,38,087	14,541	29,771	3,75,189	8,29,067	10,27,238	3,25,902	56,324	53,808	13,19,115	95,582
15,761	838	1,540	2,277	48,216	61,402	22,309	3,124	3,612	76,902	2,752
2,12,554	2,411	32,150	8,65,298	7,83,613	.....	...	...	...	1,44,805	.....
4,63,402	17,785	63,461	7,80,764	16,80,890	10,88,040	* 3,48,211	69,448	57,416	15,40,882	98,334
2,71,376	7,156	28,291	3,52,440	8,92,977	9,91,178	3,24,317	56,771	58,803	13,01,750	93,711
17,216	647	2,364	19,445	51,482	49,911	23,233	3,840	3,639	80,172	2,279
3,17,565	5,044	45,081	3,55,414	7,88,081	.....	...	...	...	2,41,093	.....
6,06,157	12,877	75,076	7,27,305	17,27,520	10,41,089	3,47,560	59,811	57,442	16,23,015	95,961
11	8	8-62	23	35-25	39	10	5-08	6-50	4-10	10-00
.....	.....	...	...	26-25	.....	...	5-25	...	12-03	8-16
21-50	.....	...	11	...	75	26	...	...	35-43	3-71
.....
11	4-50	8-62	23	35-25	39	19	5-00	6-50	4-10	10-00
.....	.....	...	...	28-62	.....	...	5-25	...	12-03	8-15
14-36	.....	...	9-37	...	75	21	...	...	35-43	3-71
.....

STATEMENT

Statement of Reservoir Projects in the

	(2)	(3)	(4)	(4)A	(5)	(10)	(11)	(13)	(13)A	(14)	(16)	(17)	(18)	(19)	(20)	
	Chankar Tank.	Darna Reser- voir.	Dhāt- ghar Reser- voir, Nira Canal.	Shetphal Tank.	Mhaswad Tank.	Lower Pachra River Works and Mukli Tank.	Kidwa River Works (Wachad Tank).	Mutha Reservoir, Lake File.	Matoba Tank.	Ekrak Tank.	Wan- grol Tank.	Tranza Tank.	Nagran- ma Tank.	Savli Tank.	Sahlat Tank.	Potelo Tank.
Source of Supply.	Girna River.	Darna River.	Yelrandi River, Ghat Catch- ment.	Nira Canal.	Mán River.	Local Streams	Kojan River, Ghat Catch- ment.	Mutha River, Ghat Catch- ment.	Small Nala and Mutha Right Bank Canal.	Adhela River.	Kharwa Nala.	Mátar Drainage Channel.	Gadia Tank.	Sahlat Nala.	Potelo Nala.	
If sup- plied (by rain- fall)	190.00	150	123	2.83	480	34.2	29	108	10	159	13	NIL	4.15	11	12.5	7
Area of catch- ment ... Sq. miles.	35.70	38.95	* 145	10.05	10.70	20.60	47.68	* 138	16.42	29	27.43	24.53	24.53	26.92	24.82	27.97
Contents of tanks be- tween levels of surface of full supply and sill of canal head sluice.	1,548	8,818.30	5,313	572	2,901	524	606	(h) 3,447	(j) 220	3,310	212.00	79.97	97.14	130	58	
Area of surface at full supply.	1,043.46	6,581.02	4,775	898	4,013.30	509	778	3,755	417.46	4,551	598.87	106.00	278.00	557.00	682.81	193.5
Gross area commanded . Acres.	(a)...	232,390	(c) 26,000	120,045	13,117	(g)...	94,087	10,700	17,152	5,000	7,000	500	4,700	4,000	1,800	
Culturable do. ... "	(a)...	219,390	(c) 25,000	108,214	12,627	(g)...	(c) 49,800	7,133	16,941	5,000	888	402	4,700	4,000	1,300	
Area irrigable by com- plete project. "	(a)...	79,441	4,300	24,800	12,627	(g)...	16,800	3,250	16,941	3,000	500	300	3,000	2,000 to 2,500	840	
Do. at present. "	(a)...	79,441	4,300	24,800	12,627	(g)...	16,800	3,250	16,941	3,400	500	300	3,000	2,000	800	
Wells supplied by tanks. No.	...	...	No irrigation direct from the Reservoir.	12	NIL	...	...	...	...	NIL	NIL	NIL	NIL	NIL	NIL	
Sanctioned Estimate—																
Direct Charges ... Rs.	(a)...	(a)...	(a)...	7,01,442	20,24,327	4,44,486	4,67,662	64,82,610	1,09,000	12,38,243	2,01,576	3,61,048	2,25,703	1,64,133	1,03,116	
Indirect Charges ... "	(a)...	(a)...	(a)...	46,435	1,03,947	22,774	16,835	2,86,743	17,500	1,06,637	46,962	51,636	32,519	32,649	8,669	
Interest during construction ... "	(a)...	(a)...	(a)...	55,157	6,58,222	2,37,421	2,17,233	58,54,209	...	8,00,450	NIL	NIL	NIL	NIL	NIL	
Total Estimate ... Rs.	(a)...	(a)...	(a)...	8,06,034	27,84,496	7,04,681	7,06,730	1,23,73,762	2,10,500	21,35,690	2,48,544	3,12,734	2,49,222	1,66,782	1,10,785	
Expenditure to end of 1918-19.																
Direct Charges ... Rs.	(a)...	(a)...	(a)...	20,05,553	4,45,382	8,64,888	62,39,093	12,38,117	2,40,227	2,38,032	2,34,179	1,89,452	1,07,368			
Indirect Charges ... "	(a)...	(a)...	(a)...	80,463	25,239	42,233	2,95,141	1,12,289	50,768	41,576	21,031	25,577	8,104			
Interest during construction ... "	(a)...	(a)...	(a)...	14,45,402	4,19,839	4,45,341	56,50,546	10,27,898	NIL	NIL	NIL	NIL	NIL			
Total Expenditure ... Rs.	(a)...	(a)...	(a)...	34,41,508	8,87,460	11,52,362	1,21,84,693	23,68,279	2,90,995	2,79,609	2,55,210	1,84,029	1,16,480			
Works as now sanctioned—																
Dam (earth or masonry) ...	Masonry	Masonry	Masonry.	Earth.	Earth.	Earth.	Earth.	Masonry.	Earth.	Earth.	Earth.	Earth.	Earth.	Earth.	Earth.	Earth.
Total height ... Feet.	92	92	{ 127(c) 108(d) }	86	79.79	85	96	97.84	48.41	76	27.18	18.84	17.12	37.5	22.14	34.80
Canals ... Miles.	(b)...	118	{ 127(c) 108(d) }	6.54	(f) 68.25	...	(g)...	88	...	48	13.79	5.35	2.25	8.35	9.25	4.48
Distributaries ... "	(b)...	57.46	{ 127(c) 108(d) }	...	43.36	45	(g)...	70	17	1.68	...	...	...	1.32	0.85	...
Works completed at end of 1918-19.																
Dam (height com- pleted) ... Feet.	83	92	{ 127(c) 108(d) }	66	79.79	66	96	97.84	48.41	76	27.18	18.84	17.12	37.5	22.14	34.80
Canals ... Miles.	(b)...	118	{ 127(c) 108(d) }	6.54	(f) 68.25	...	(g)...	88	...	48	17.28	5.35	2.25	8.35	9.25	3.96
Distributaries ... "	(b)...	57.46	{ 127(c) 108(d) }	...	43.36	45	(g)...	67	17	1.68	...	...	...	1.32	(g) 1.79	...

* Estimated rainfall in the catchment.

† The catchment area of the drainage channel is 13 square miles in addition.

‡ At provisional F. S. L. R. L. 103.50.

§ At original F. S. L. R. L. 106.90.

¶ The lengths of the Bhalsada high level canal, chainage 80, Jargal branch, chainage 49 and extension of Sandheli branch, chainage 36, have now been added.

(a) Figures given in Statement I-A.

(b) The tank supplies the Girna Left Bank Canal and bandharas there below.

(c) Above lowest foundation.

(d) Above lowest point in river bed.

(e) This area is also commanded by the Nira Left Bank Canal.

(f) Includes 384 miles of Branch Canal.

(g) The tank supplies the Paikod, Ojar Tambat, and Waddi Canals and their distributaries as noted in Statement I-A.

(h) Storage available after deducting 108 m. cft. which cannot be used on account of the Poona water-supply.

(i) Includes 7,133 commanded by Matoba Tank.

(j) After deducting silt deposits.

(k) The contents at present, after deducting silt, are 75.83 m. cft.

(l) Gauged at the respective stations.

(m) Assumed.

(n) Grouted in the catchment area.

(o) The length of the channel distributary had remained to be included.

II-A.

Bombay Presidency, excluding Sind, for 1918-1919.

(21)	(22)	(24)	(25)	(27)	(28)	(29)	(30)	(31)	(32)	(34)	(35)	(37)	(38)	(39)	(40)	(41)	(42)	(43)	(44)	(45)
Harila Tank.	Mharna Tanks.	Parul Tank.	Bhadoli Tank.	Kidundi Tank.	Shirwadi Tank.	Bhadoli Tank.	Koregaon Tank.	Ashti Tank.	Patoli Tank.	Upper Mhara River Works (Pangl Tank).	Yerla River Irrigation Works (Nehr Tank).	Moloi Tank.	Muchkundi Tank.	Godhori Tank.	Gobak Canal, 1st Section, and storage Works.	Pambal Tank.	Medhori Tank.	Madag Tank.	Asundi Tank.	Maxvink Tank.
Local Streams.	Local Streams.	Parul River.	Mehekri River.	Kidundi Nala.	Deccan Tributary of the Bhima River.	Deccan Tributary of the Bhima River.	Nala.	Ashti Nala.	Yerla River.	Mhara River.	Yerla River.	Wanga Nala.	Muchkundi Nala.	Nala.	Ghataprabha River, Ghat Catchment.	Nala.	Medhori Nala.	Kurundi Nala.	Nala.	Nala.
0'30	13'40	17'33	44	6	33	23	7	32	27'5	20'00	39'55	31'70	26'00	4'08	1,080	43	11	540	33	6'30
26'18	37'71	17'53	28'92	17'79	16'97	16'74	27'96	24'90	29'37	17'81	24'06	34'20	18'17	26'14	(a) ...	(f) 10'06 (g) 11'15	(h) 10'90 (i) 20'75 (j) 42'10	(k) 23'04	(l) 23'04	(m) 30'11
134	172	118'70	(k) 1164	(j) 914	(i) 856'64	(h) 100'77	104	1,410	407	122	461'77	183'00	634	27'60	907'183	113'06	87'00	84'03	74	45'75
472	421	151	315	379	633'79	335'18	203	2,830	681	349'04	678'09	427'76	1,060	129'00	2,771'96	443	100	362	418	120'5
864	4,647	3,337	15,128	507	4,800	3,000	2,394	17,892	5,000	8,443	11,234	4,878	5,570	687	(a) ...	3,000	1,910	2,851	1,800	672
527	4,076	3,197	13,657	478	2,600	2,400	2,364	16,825	4,686	7,823	10,050	4,635	5,417	Not known.	(a) ...	3,500	830	1,345	1,011	755
416	1,700	1,000	12,124	150	1,800	2,000	1,060	11,780	2,600	2,080	6,000	4,625	3,417	460	(a) ...	2,600	1,062	2,160	1,011	755
416	1,700	1,000	12,124	150	1,800	2,000	1,060	11,780	2,600	2,080	5,460	4,625	750	417	(a) ...	1,000	800	1,845	1,011	617
...	...	...	...	...	...	...	...	...	...	29	28	18	Nil.	Not known.	(a) ...	41	Uncertain.	Nil.	Nil.	Nil.
48,800	1,20,813	2,16,868	3,61,767	40,812	2,09,460	1,14,382	40,731	7,64,260	6,48,141	4,16,841	8,06,764	3,08,000	1,48,300	10,999	(a) ...	61,103	78,337	1,32,203	67,731	90,379
26,160	10,892	8,246	25,511	4,778	12,822	14,242	1,818	80,677	26,715	26,190	46,560	22,403	20,220	641	(a) ...	3,744	8,468	17,144	12,754	4,006
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	(a) ...	...	...	...	...	...
75,040	1,40,015	2,23,613	3,78,373	45,590	2,22,282	2,28,724	12,049	8,84,927	6,79,868	4,64,531	7,46,314	3,90,462	1,08,430	17,681	(a) ...	64,908	91,705	2,50,407	89,345	14,144
47,949	1,28,781	2,06,007	3,62,885	40,812	2,12,189	2,13,115	37,923	7,57,060	6,27,825	4,16,835	7,19,542	4,02,133	1,40,217	16,303	(a) ...	60,947	78,354	1,61,549	60,741	10,195
25,434	10,175	6,988	27,022	4,778	12,360	14,307	1,960	79,041	15,021	29,451	46,838	26,525	15,400	555	(a) ...	3,133	5,038	6,810	14,254	3,310
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	(a) ...	...	...	...	...	...
73,882	1,36,956	2,14,905	3,79,707	45,590	2,24,509	2,27,422	39,189	8,86,091	6,48,540	4,39,300	7,64,870	4,07,050	1,08,707	16,918	(a) ...	63,900	91,393	1,67,526	74,005	13,504
Earth.	Earth.	Earth.	Masonry Earth.	Earth.	Earth.	Earth.	Earth.	Earth.	Earth.	Earth.	Earth.	Earth.	Masonry Earth.	Earth.	Masonry Earth.	Earth.	Earth.	Earth.	Earth.	Earth.
51'50	44	62'27	50	33'45	54'32	55'09	71 & 16	57'75	63'75	53'50	74	57'33	60'00	20'00	27 ft. (maximum above foundation).	42'25	41	100	23'95	30'53
...	...	...	4'50	...	...	...	3'75	27'50	4'06	17'50	33'33	9'25	5'6	...	16'13	...	...	9	...	...
5'50	7	4'75	5'50	1'75	12'50	9'75	...	3'15	3'33	6'50	4	7'68	2'25	...	25'45	3'37	5'54	...	4'56	2'78
51'50	44	62'27	50	33'45	54'32	55'09	71 & 16	57'75	63'75	53'50	74	57'33	60'00	20'00	27	42'25	41	100	23'95	30'53
...	...	...	4'50	...	...	...	3'75	27'50	4'06	17'50	33'33	9'25	5'6	...	16'13	...	...	9	...	...
5'50	7	4'75	5'50	1'75	11'5	9'5	...	3'15	3'33	6'50	4	7'68	2'25	...	25'45	3'37	5'54	...	4'56	2'78

STATEMENT
Capital Account of Irrigation Works in Deccan

Name of Work.	DURING YEAR.								
	Direct Charges.						Indirect Charges.		
	Works.	Establishment.	Tools and Plant.	Total.	Deduct—Receipts on Capital Account.	Total.	Capitalization.	Leave and Pension Allowances.	Total.
1	2	3	4	5	6	7	8	9	10
MAJOR WORKS.									
35.—PROTECTIVE IRRIGATION WORKS.									
<i>In Operation.</i>									
1. Pravara River Canal	6,16,215	1,48,878	13,226 (a) - 104	7,77,215	1,377	7,75,838	1,200	20,843	22,043
2. Chankapur Tank	15,513	3,754	333	19,600	...	19,600	...	526	526
3. Godavari Canals	33,617	8,185	723	42,475	...	42,475	259	1,189	1,398
4. Nira Canal and Shetphal Tank ...	7,817	1,891	168 (a) 103	9,979	...	9,979	...	265	265
5. Ahasvad Tank ... ..	...	...	...	...	...	...	...	...	...
Total ...	6,72,162	1,62,658	14,450 (a) - 1	8,49,269	1,377	8,47,892	1,459	22,773	24,232
<i>Under Construction.</i>									
6. Maladovi Tank ... ..	...	...	...	...	...	...	...	...	...
7. Budhial Tank	335	39	10	384	211	173	...	5	5
8. Nira Right Bank Canal	13,96,810	8,38,018	30,027 (a) 39,124	18,03,979	2,257	18,01,722	2,000	47,323	49,323
Total ...	13,97,145	3,38,057	80,037 (a) 39,124	18,04,363	2,468	18,01,895	2,000	47,323	49,323
Total, Protective Works ...	20,69,307	5,00,715	44,487 (a) 39,123	26,58,632	3,845	26,49,787	3,459	70,101	73,560
49.—IRRIGATION WORKS.									
<i>PRODUCTIVE WORKS.</i>									
9. Hathmati and Khari Cut Canals ...	...	...	...	...	...	...	...	...	...
10. Lower Pimpri River Works ...	...	...	...	...	...	...	...	...	...
11. Kdva River Works ... ..	...	...	...	...	...	...	...	...	...
12. Pravara River Works—Lakh Canal ...	...	...	...	...	...	...	...	...	...
13. Mutha Canals and Matoba Tank ...	-4,58,745	-45,810	-9,861	-5,14,416	...	-5,14,416	...	-6,413	-6,413
14. Elrnk Tank ... ..	...	...	...	...	...	...	...	...	...
15. Krishna Canal ... ..	...	...	...	...	...	...	...	...	...
Total, Productive Works ...	-4,58,745	-45,810	-9,861	-5,14,416	...	-5,14,416	...	-6,413	-6,413
Total, Major Works ...	16,10,562	4,54,905	34,626 (a) 39,123	21,39,216	3,845	21,35,371	3,459	63,688	67,147
43.—MINOR WORKS AND NAVIGATION.									
<i>In Operation.</i>									
16. Wangroli Tank ... ..	...	...	...	...	...	...	...	...	...
17. Yanka-Nagramma Tanks ... ..	...	...	...	...	...	...	...	...	...
18. Savli Tank ... ..	...	...	...	...	...	...	...	...	...
19. Sahlat do. ... ..	...	...	...	...	...	...	...	...	...
20. Fateao do. ... ..	...	...	...	...	...	...	...	...	...
21. Hartia do. ... ..	...	...	...	...	...	...	...	...	...
22. Mhasva do. ... ..	...	...	...	...	...	...	...	...	...
23. Jamba Canals ... ..	...	...	...	...	...	...	...	...	...
24. Paraul Tank ... ..	...	...	...	...	...	...	...	...	...
25. Pravara Left Bank Canal ... ..	...	...	...	...	...	...	...	...	...
26. Bhátodi Tank ... ..	...	...	...	...	...	...	...	...	...
27. Káurdi do. ... ..	...	...	...	...	...	...	...	...	...
28. Shirsuphal do. ... ..	...	...	...	...	...	...	...	...	...
29. Bhádatwadi do. ... ..	...	...	...	...	...	...	...	...	...
30. Koregaon do. ... ..	...	...	...	...	...	...	...	...	...
31. Ashti do. ... ..	...	...	...	...	...	...	...	...	...
32. Páthri do. ... ..	...	...	...	...	...	...	...	...	...
33. Revári Canal ... ..	...	...	...	...	...	...	...	...	...
34. Upper Man River Works ... ..	...	...	...	...	...	...	...	...	...
35. Yerla River Irrigation Works ...	...	...	...	...	...	...	...	...	...
Carried over ...	16,10,562	4,54,905	34,626 (a) 39,123	21,39,216	3,845	21,35,371	3,459	63,688	67,147

(a) Suspense account.

I.B.

and Gujarát for and to end of 1918-1919.

Grand Total.	TO END OF YEAR.									Grand Total.
	Direct Charges.					Indirect Charges.				
	Works.	Establishment.	Tools and Plant.	Total.	Deduct—Receipts on Capital Account.	Total.	Capitalisation.	Leave and Pension Allowances.	Total.	
11	12	13	14	15	16	17	18	19	20	21
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
7,9,7881	65,23,728	14,17,361	1,86,929 (a) 8	81,28,026	8,223	81,19,803	60,807	1,98,430	2,59,237	88,70,130
20,126	16,03,913	3,14,747	58,676	18,77,386	2,132	18,75,254	17,297	44,701	62,001	19,37,205
43,873	80,78,974	13,02,328	2,23,785	96,05,085	2,026	96,03,059	3,09,393	1,82,323	4,91,716	1,00,04,775
10,244	48,55,663	11,88,918	1,32,936 (a) 103	61,77,019	8,382	61,69,337	1,84,874	1,83,722	3,68,596	65,87,833
...	15,98,308	3,45,781	62,937	20,07,026	1,473	20,05,553	36,924	53,539	90,463	20,06,016
8,72,124	2,25,60,586	45,68,133	6,65,262 (a) 111	2,77,95,092	22,236	2,77,72,856	6,09,385	6,02,718	12,72,103	2,90,44,069
...	2,42,869	60,546	1,473	3,04,888	2,848	3,02,040	875	9,013	9,888	3,11,928
178	3,98,757	89,656	5,041	4,93,454	1,991	4,91,463	5,741	13,553	19,293	5,00,756
18,51,045	1,15,93,747	18,87,584	6,21,830 (a) 1,67,634	1,42,70,795	12,097	1,42,58,698	60,141	2,64,202	3,24,343	1,46,83,101
18,51,223	1,22,35,373	20,87,786	6,28,344 (a) 1,67,634	1,50,69,137	16,936	1,50,52,201	66,757	2,85,827	3,52,584	1,54,04,785
27,23,347	3,47,95,959	66,06,919	12,93,606 (a) 1,67,745	4,28,64,229	39,172	4,28,25,057	6,76,142	9,48,545	16,24,687	4,44,40,741
...	10,05,076	2,24,187	13,189	12,42,452	1,469	12,40,983	36,598	38,392	74,990	13,16,373
...	3,67,308	74,388	3,228	4,45,419	87	4,45,332	8,694	14,545	23,239	4,68,621
...	7,60,525	1,88,801	22,555	9,71,881	140	9,71,741	31,133	31,817	62,950	10,34,101
...	2,64,529	68,441	19,477	3,52,647	201	3,52,446	5,824	13,021	18,845	3,71,591
-5,20,829	50,92,474	10,41,705	1,18,288 (a) -1,136	62,51,331	12,328	62,39,003	98,628	2,01,613	2,99,141	65,34,144
...	10,07,089	2,12,509	9,713	12,29,311	1,194	12,28,117	69,948	42,321	1,12,269	13,40,386
...	7,35,136	1,56,273	2,568	8,92,977	...	8,92,977	21,822	29,660	51,482	9,44,459
-5,20,829	92,32,132	19,66,004	1,89,018 (a) -1,136	1,13,86,018	15,369	1,13,70,649	2,67,547	8,71,469	6,39,016	1,20,09,665
22,02,518	4,40,28,091	85,72,923	14,82,624 (a) 1,66,609	5,42,50,247	54,541	5,41,95,706	9,43,689	13,20,014	22,63,703	5,64,59,409
...	2,11,223	27,921	1,826	2,40,970	743	2,40,227	46,798	3,910	50,703	2,90,530
...	2,22,942	14,168	924	2,38,034	2	2,38,032	46,820	1,983	42,603	2,80,635
...	2,02,183	30,269	1,974	2,34,426	247	2,34,179	16,793	4,238	21,031	2,55,210
...	1,34,805	22,199	1,443	1,58,462	...	1,58,462	22,470	3,107	25,577	1,84,029
...	88,822	17,325	1,209	1,07,356	...	1,07,356	6,680	2,425	9,105	1,16,441
...	83,437	11,936	2,679	47,952	4	47,948	23,052	2,382	25,434	73,382
...	1,01,269	26,399	1,129	1,28,787	6	1,28,781	5,026	6,140	10,176	1,38,956
...	7,86,229	1,91,841	13,129	9,91,199	21	9,91,178	12,015	37,896	49,911	10,41,089
...	1,62,423	42,832	2,823	2,08,078	71	2,08,007	972	6,988	7,960	2,14,965
...	2,94,168	85,770	4,523	3,24,461	144	3,24,317	6,943	16,290	23,238	3,47,550
...	2,73,838	70,183	9,354	3,53,375	690	3,52,685	13,023	13,960	27,022	3,79,707
...	31,433	8,495	884	40,812	...	40,812	3,079	1,693	4,778	45,590
...	1,71,148	38,190	2,861	2,12,199	...	2,12,199	5,137	7,232	12,369	2,24,568
...	1,57,001	43,493	2,621	2,13,115	...	2,13,115	4,667	10,240	14,907	2,27,422
...	30,044	7,661	218	37,923	...	37,923	...	1,266	1,266	39,189
...	6,09,236	1,45,084	8,122	7,62,442	5,892	7,57,550	52,311	26,730	79,041	8,36,591
...	5,21,783	1,40,435	7,403	6,29,621	1,796	6,27,825	990	14,061	16,021	6,42,846
...	47,057	9,693	21	56,771	...	56,771	1,249	1,751	3,000	59,811
...	3,14,286	95,068	6,782	4,16,076	241	4,15,835	5,990	17,571	23,451	4,39,286
...	5,89,656	1,24,186	8,065	7,21,907	2,365	7,19,542	22,684	22,944	45,628	7,64,870
...	49,22,968	11,23,088	77,900	61,23,956	11,722	61,12,234	2,89,764	2,00,619	4,90,383	66,02,617
22,02,518	4,40,28,091	85,72,923	14,82,624 (a) 1,66,609	5,42,50,247	54,541	5,41,95,706	9,43,689	13,20,014	22,63,708	5,64,59,409

STATEMENT

Name of Work.	DURING YEAR.								
	Direct Charges.					Indirect Charges.			
	Works.	Establishment.	Tools and Plant.	Total.	Deduct—Receipts on Capital Account.	Total.	Capitalization.	Leave and Pension Allowances.	Total.
	2	3	4	5	6	7	8	9	10
1									
Brought forward ...	Rs. 16,10,562	Rs. 4,51,905	Rs. 34,626 (a) 39,123	Rs. 21,39,216	Rs. 3,845	Rs. 21,35,371	Rs. 3,469	Rs. 63,666	Rs. 67,147
43—MINOR WORKS AND NAVIGATION—concluded.									
<i>In Operation—concluded.</i>									
36. Chikhli Canal ...	...	...	...	...	...	...	...	...	...
37. Maini Tank ...	...	...	...	...	...	...	...	...	...
38. Muchkundi do. ...	...	...	...	...	...	...	...	...	...
39. Gadikeri do. ...	...	...	...	...	...	...	...	...	...
40. Gokak Canal, 1st Section and Storage Works ...	...	...	...	...	...	...	...	...	...
41. Dambal Tank ...	...	...	...	...	...	...	...	...	...
42. Nerleri do. ...	...	...	...	...	...	...	...	...	...
43. Madag do. ...	...	...	...	...	...	...	...	...	...
44. Asundi do. ...	...	...	...	...	...	...	...	...	...
45. Mavinkop do. ...	...	...	...	...	...	...	...	...	...
46. Dharma Canal ...	2,401	406	57	2,954	...	2,954	...	69	69
Total ...	2,401	496	57	2,954	...	2,954	...	69	69
<i>Under Construction.</i>									
47. Victoria Tank ...	4,962	1,161	106	6,219	390	5,829	...	161	161
48. Suki River ...	...	...	...	...	...	...	...	...	...
Total ...	4,962	1,151	106	6,219	390	5,829	...	161	161
<i>In Abeyance.</i>									
49. Gokak Canal, 2nd Section ...	...	...	...	...	...	...	...	...	...
Total, Minor Works ...	7,363	1,647	163	9,173	390	8,783	...	230	230
GRAND TOTAL ...	16,17,925	4,56,552	34,789 (a) 39,123	21,48,389	4,235	21,44,154	3,459	63,918	67,377

I-B—concluded.

Grand Total.	To end of Year.									Grand Total.
	Direct Charges.						Indirect Charges.			
	Works.	Establishment.	Tools and Plant.	Total.	Deduct—Receipts on Capital Account.	Total.	Capitalisation.	Leave and Pension Allowances.	Total.	
11	12	13	14	15	16	17	18	19	20	21
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
22,02,518	4,40,28,091	85,72,928	14,82,621 (a) 1,68,009	5,42,50,247	54,541	5,41,95,706	9,48,689	18,20,014	22,68,703	5,64,50,400
...	49,22,968	11,28,088	77,900	61,23,966	11,722	61,12,234	2,89,764	2,00,819	4,90,383	66,03,617
...	39,984	13,611	208	58,803	...	58,803	917	2,723	3,639	87,443
...	8,43,053	1,16,100	8,512	4,62,666	540	4,62,125	3,875	21,650	25,525	4,87,650
...	1,11,830	26,300	2,294	1,40,484	287	1,40,217	14,386	4,104	18,490	1,68,707
...	13,105	8,118	140	16,363	...	16,363	13	543	556	16,018
...	11,00,148	1,81,106	21,236	13,02,490	740	13,01,750	53,379	26,808	80,172	13,81,922
...	49,262	10,769	878	60,909	62	60,847	1,084	2,099	3,133	63,980
...	61,881	15,324	1,165	78,360	6	78,354	243	2,795	3,038	81,392
...	1,26,596	31,841	2,825	1,61,262	14	1,61,248	...	6,550	6,550	1,67,808
...	48,805	10,881	1,065	60,741	...	60,741	12,536	1,718	14,254	74,995
...	25,738	6,232	353	30,323	188	30,135	2,101	1,218	3,319	33,604
3,023	76,341	16,270	1,103	93,714	...	93,714	2	2,377	2,379	96,098
3,023	69,17,711	15,54,700	1,12,659	85,85,070	13,489	85,71,581	3,78,150	2,72,987	6,51,137	92,22,718
5,990	50,438	10,642	651	61,731	1,360	60,371	2,468	1,491	3,954	64,325
...	12,212	2,749	178	15,139	...	15,139	...	385	385	15,524
5,990	62,650	13,391	829	76,870	1,360	75,510	2,468	1,876	4,339	79,849
...	92,036	70,024	14,246	1,76,306	...	1,76,306	740	13,238	13,978	1,90,284
9,013	70,72,397	16,38,115	1,27,734	88,38,246	14,849	88,23,397	3,81,858	2,88,101	6,69,464	94,92,851
22,11,531	5,11,00,488	1,02,11,038	16,10,358 (a) 1,66,800	6,80,88,483	69,890	6,30,19,103	18,25,042	16,08,115	29,33,157	6,59,52,360

(a) Suspense Account.

C. W. C. CARSON,
Accountant General, Bombay.

Statement showing the Financial Results of Irrigation Works in

(Realizations under main heads of

Name of Work.	REVENUE (ACTUAL RECEIPTS).									
	Irrigation.			Navigation.	Plantations.	Water-power.	Miscellaneous.	Total.	Refunds of Revenue.	Gross Revenue less refunds.
	Water-rate directly paid.	Share of Land Revenue.	Total.							
1	2	3	4	5	6	7	8	9	10	11
MAJOR WORKS.										
35.—Protective Irrigation Works.										
1. Pravara River Canal ...	14,526	...	14,526	...	421	...	296	15,243	...	15,243
2. Chankapur Tank ...	20,296	...	20,296	...	...	...	130	20,426	4	20,422
3. Godavari Canal ...	2,02,022	...	2,02,022	...	667	...	9,481	2,12,170	149	2,12,021
4. Nira Canal and Shetphal Tank ...	2,09,046	...	2,09,046	...	837	...	6,322	2,16,205	17	2,16,188
5. Mhaswad Tank ...	24,074	...	24,074	...	1,269	...	5,408	30,751	...	30,751
Total ...	4,68,964	...	4,68,964	...	3,194	...	21,687	4,94,795	170	4,94,625
42.—IRRIGATION WORKS.										
Productive Works.										
9. Hathmati and Khari Cut Canals ...	38,002	...	38,002	...	7	...	5,206	41,215	57	41,158
10. Lower Panjira River Works ...	13,262	2,794	16,046	...	250	...	2,209	18,505	...	18,505
11. Kadva River Works ...	41,039	594	41,633	...	...	...	3,187	44,820	...	44,820
12. Pravara River Works—Lakha Canal ...	1,450	225	1,675	...	125	...	366	2,166	...	2,166
13. Mutha Canals and Matoba Tank ...	80,500	155	80,655	403	2,698	...	2,72,396	3,56,152	172	3,55,980
14. Elruk Tank ...	31,153	...	31,153	...	1,153	...	82,759	1,15,064	...	1,15,064
15. Krishna Canal ...	90,451	...	90,451	...	...	...	591	31,042	14	31,028
Total ...	2,33,856	3,758	2,37,614	403	4,233	...	3,66,714	6,08,964	243	6,08,721
Total, Major Works ...	7,03,820	3,758	7,07,578	403	7,427	...	3,88,351	11,03,759	413	11,03,346
43.—MINOR WORKS AND NAVIGATION.										
16. Wangroli Tank ...	442	3,125	3,567	...	...	...	233	3,800	...	3,800
17. Tranza-Nagramma ...	...	54	54	...	...	...	...	54	...	54
18. Savli Tank ...	96	...	96	...	65	...	60	211	...	211
19. Sahiat do. ...	27	636	663	...	...	...	148	811	...	811
20. Futelao do. ...	151	...	151	...	26	...	81	258	...	258
21. Hartala do. ...	441	...	441	...	...	...	1,411	1,852	...	1,852
22. Mhasva do. ...	771	...	771	...	18	...	1,280	2,069	...	2,069
23. Janda Canals ...	5,061	...	5,061	...	543	...	724	6,322	...	6,322
24. Parul Tank ...	4,843	...	4,843	...	...	...	31	4,874	...	4,874
25. Pravara Left Bank Canal ...	6,915	76	6,991	...	96	...	365	7,451	...	7,451
26. Bhatodi Tank ...	2,630	1,411	3,941	...	354	...	3,649	7,944	...	7,944
27. Kasurdi do. ...	263	...	263	...	...	...	...	263	...	263
28. Shirsuphal do. ...	4,463	...	4,463	...	...	...	454	4,917	...	4,917
29. Bhadaiwalido. ...	3,661	...	3,661	...	...	...	246	3,907	...	3,907
30. Koregaon do. ...	2,572	...	2,572	...	4	...	969	3,545	...	3,545
31. Ashli do. ...	14,305	...	14,305	...	35	...	7,359	21,699	...	21,699
32. Pashri do. ...	6,300	...	6,300	...	21	...	550	6,871	...	6,871
33. Revadi Canals ...	3,654	...	3,654	...	...	...	233	3,897	...	3,897
34. Upper Man River Works ...	1,575	...	1,575	...	...	...	201	1,776	...	1,776
35. Yerla River Irrigation Works ...	9,893	...	9,893	...	...	...	336	10,229	14	10,215
36. Chikbli Canal ...	800	...	800	...	38	...	...	838	...	838
37. Maini Tank ...	7,478	...	7,478	...	...	...	171	7,649	22	7,627
38. Muchkundi do. ...	...	...	...	...	...	...	3,009	3,009	...	3,009
39. Gadikeri do. ...	...	2,061	2,061	...	...	...	...	2,061	...	2,061
40. Gokak Canal, First Section, and Storage Works ...	33,135	...	33,135	...	300	14,313	5,153	52,908	121	52,786
41. Dambal Tank ...	953	916	1,869	...	...	...	670	2,539	...	2,539
42. Medleri do. ...	145	...	145	...	...	...	592	737	...	737
43. Madag do. ...	1,642	...	1,642	...	120	...	252	2,014	...	2,014
44. Asundi do. ...	769	687	1,456	...	...	...	937	2,393	...	2,393
45. Marinkop do. ...	...	2,279	2,279	...	...	...	...	2,279	...	2,279
46. Dharma Canal ...	4,697	4,961	9,658	...	...	...	298	34	...	34
Total, Minor Works and Navigation ...	1,17,592	6,284	1,23,876	...	1,619	14,313	29,407	1,69,216	167	1,69,058
GRAND TOTAL ...	8,21,413	10,042	8,31,455	403	9,046	14,313	4,17,758	12,72,974	570	12,72,404

Deccan and Gujarat for the year ending 31st March 1918-1919.

Revenue and Working Expenses.)

WORKING EXPENSES.														
Revenue Management.				Maintenance and Repairs.							Total Cost of Maintenance.	Indirect Charges.	Grand Total Working Expenses.	Net Revenue.
Establishment.			Total Revenue Management.	Total Establishment.	Works.	Repairs.	Sundries.	Tools and Plant.	Plantations.					
Total Establishment.	Navigation.	Civil Officers.												
12	18	14	15	16	17	18	19	20	21	22	23	24	25	
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
8,902	...	728	9,630	3,825	735	12,771	...	339	1,793	19,458	1,783	30,965	—15,622	
6,274	...	1,015	6,289	3,186	4,473	7,248	...	274	1,023	16,303	1,184	23,678	—3,254	
54,623	...	10,460	65,083	24,158	10,495	73,017	...	2,077	13,120	1,22,867	11,039	1,38,979	13,943	
29,342	...	10,463	39,805	15,397	9,705	47,921	...	1,324	3,963	78,310	6,363	1,34,878	91,810	
6,406	...	1,318	7,724	2,442	2,386	7,362	...	210	121	12,481	1,339	21,384	9,367	
1,04,547	...	23,984	1,28,531	49,008	27,793	1,48,319	...	4,214	20,020	2,48,264	21,497	3,09,282	95,943	
...	
...	...	1,800	1,800	3,466	6,869	17,429	...	197	405	28,456	485	30,741	10,417	
1,010	...	1,369	2,879	440	513	1,194	...	51	48	2,249	208	4,981	18,074	
6,536	...	2,052	8,558	3,948	6,430	8,391	...	339	921	20,079	1,468	30,185	14,685	
893	...	99	992	384	...	1,535	...	38	...	1,952	179	3,123	—867	
55,760	...	3,788	59,548	27,993	8,671	1,03,129	—1,408	2,407	178	1,40,965	11,785	2,12,238	1,43,742	
2,641	...	5,391	8,032	2,586	381	9,123	...	301	884	13,230	732	21,994	98,070	
3,175	...	1,652	4,827	1,893	88	6,923	253	151	563	9,900	710	15,487	15,591	
70,015	...	16,151	86,166	40,710	23,005	1,47,729	—1,156	8,509	8,034	2,16,881	15,502	3,18,469	2,90,222	
1,74,562	...	40,135	2,14,697	89,718	50,798	2,95,943	—1,156	7,723	23,054	4,66,085	36,969	7,17,781	3,86,566	
...	
...	...	335	335	973	2,256	5,237	...	60	...	8,526	186	8,997	—5,197	
...	...	5	6	303	828	1,507	...	18	...	2,656	42	2,708	—2,649	
...	...	5	6	394	24	8,017	...	24	...	3,459	55	3,519	—3,308	
...	...	66	66	538	86	3,968	...	33	89	4,714	75	4,864	—4,043	
...	...	8	8	438	495	2,878	...	27	...	3,838	61	3,907	—3,649	
...	
291	...	34	326	738	2,763	191	...	86	...	3,778	144	4,247	—2,395	
133	...	39	172	341	580	538	...	40	200	1,744	66	1,982	87	
832	...	263	1,085	2,121	2,870	5,214	...	246	399	10,650	418	12,348	—8,020	
1,124	...	242	1,366	308	94	1,116	...	26	21	1,565	200	3,181	1,743	
8,791	...	351	4,142	2,218	1,106	6,518	...	191	1,250	11,288	841	16,296	—8,815	
278	...	253	526	626	229	2,191	...	73	63	3,202	126	3,564	4,090	
162	...	13	175	100	...	400	...	8	...	608	87	720	—457	
689	...	225	914	428	...	1,632	...	87	51	2,106	156	3,286	1,681	
597	...	183	780	369	...	1,887	...	82	88	1,876	135	2,791	1,116	
340	...	129	469	870	3,014	465	...	101	...	4,450	169	5,088	—1,543	
343	...	1,138	1,481	876	1,454	1,978	...	102	72	4,462	171	6,184	16,505	
100	...	337	437	254	...	987	...	80	81	1,802	80	1,789	6,082	
366	...	183	549	241	...	877	...	23	86	1,227	85	1,391	2,088	
729	...	79	808	477	...	1,786	...	46	123	2,432	169	3,409	—1,633	
1,936	...	495	2,431	1,269	...	4,598	...	121	481	6,464	449	9,344	871	
164	...	40	204	107	...	400	...	10	29	546	38	798	50	
1,051	...	374	1,435	696	...	2,582	...	68	221	3,545	245	6,226	2,401	
203	203	318	...	1,250	...	30	...	1,593	72	1,868	1,141	
67	...	206	283	27	...	109	...	2	...	138	12	413	1,648	
2,765	...	1,678	4,443	1,927	689	4,620	...	127	...	6,783	673	11,779	41,006	
531	...	139	670	292	...	1,168	...	28	...	1,458	115	2,273	286	
148	...	8	156	81	...	825	...	8	...	414	32	602	135	
290	...	82	362	155	...	548	...	15	70	793	61	1,211	803	
128	...	107	233	69	...	277	...	6	...	352	27	612	1,741	
75	...	223	303	41	...	164	...	4	...	209	16	528	1,751	
918	...	—246	672	225	...	902	...	55	...	1,182	160	2,014	—1,980	
18,034	...	6,988	25,022	17,313	16,468	58,870	...	1,475	3,294	97,540	4,932	1,27,494	41,564	
1,92,596	...	47,123	2,39,719	1,06,931	67,286	3,54,813	—1,156	9,398	26,348	5,63,625	41,931	8,46,275	4,27,129	

C. W. C. CARSON,
Accountant General, Bombay.

Statement showing the Financial Results of Irrigation Works in the

		General Financial Results to end							
Number of Works	Name of Works	Mileage in operation.		Estimated cost of construction (direct and indirect),	Date of completion of work (P. W. Code II, 1918).	Date when system first came into operation.	Total Capital outlay (direct and indirect).	Accumulated arrears of interest.	Accumulated surplus revenue.
		Main canals and branches.	Distributaries.						
1	2	3	4	5	6a	6b	7	8	9
MAJOR WORKS.									
35.—PROTECTIVE IRRIGATION WORKS.									
In Operation.									
1	Pravara Canal	33.00	13.00	1,16,70,562	Not completed.	1909-10	63,79,130	13,49,271	...
2	Chankapur Tank	13.11	9.93	19,83,072	1909-10	1909-10	19,37,205	8,33,467	...
3	Godavari Canal	118.50	67.46	1,01,47,321	1916-16	1911-12	1,00,94,776	23,32,129	...
4	Nira Canal including Sheshpal Tank	108.79	139.00	65,41,607	1899-99	1898-98	65,37,333	23,70,845	...
5	Mhaswad Tank	60.25	43.38	20,36,016	1900-01	1894-95	20,96,016	24,01,300	...
6	Gokak Canal, 1st Section	...	...	4,12,555	1894-97	1894-95	4,12,555	5,00,030	...
Total		337.65	262.75	2,26,21,274	...	...	2,94,57,635	98,32,942	...
Under Construction.									
7	Maldhari Tank	...	...	3,14,574	Not completed.	Under construction.	3,11,928	2,21,855	...
8	Budhpal Tank	...	...	14,54,611			5,00,769	2,34,663	...
9	Nira Right Bank Canal	...	...	2,57,72,489	...	...	1,46,83,101	17,23,868	...
Total		...	...	2,76,41,684	...	...	1,54,04,785	21,80,578	...
Total, Protective Works		337.65	262.75	6,03,62,958	...	...	4,48,62,410	1,20,13,218	...
40.—IRRIGATION PRODUCTIVE WORKS.									
10	Hathmati Canal, including Khari Col Canal.	60.00	69.50	13,15,973	1883-84	1873-74	13,15,973	9,33,493	...
11	Lower Pravara River Works	...	...	4,58,021	1884-85	1881-82	4,36,621	4,33,226	...
12	Kadwa River Works	22.12	14.38	10,84,191	1907-08	1908-09	10,34,191	10,55,620	...
13	Pravara River Works—Lakh Canal...	23.00	9.37	8,71,891	1893-94	1889-90	8,71,891	9,35,449	...
14	Mutha Canal, including Matola Tank	88.00	89.00	65,34,353	1895-97	1874-75	65,34,194	40,07,938	...
15	Ekrak Tank	48.00	1.98	13,40,338	1890-91	1872-73	13,40,338	15,19,833	...
16	Krishna Canal	63.97	...	9,46,790	1891-92	1899-70	9,44,469	6,16,811	...
Total, Productive Works		308.99	213.91	1,30,12,084	...	...	1,20,09,956	95,62,267	...
Total, Major Works		646.64	476.66	7,23,75,042	...	...	5,68,72,075	2,15,75,485	...
43.—MINOR WORKS AND NAVIGATION—IRRIGATION WORKS.									
17	Wangrol Tank	17.26	...	2,90,930	1906-09	1904-05	2,90,930	1,58,756	...
18	Trasna Nagrana Tanks	7.80	...	2,80,636	1900-10	1904-05	2,80,636	1,68,361	...
19	Savli Tank	8.35	1.33	2,65,210	1909-10	1908-09	2,65,210	1,68,002	...
20	Sahit do.	9.25	1.79	1,54,021	1911-12	1910-11	1,54,021	1,33,076	...
21	Futelo do.	3.99	...	1,16,461	1916-17	1915-16	1,16,461	22,238	...
22	Hartala do.	...	5.50	73,382	1886-87	1872-73	73,382	67,459	...
23	Mhaswa do.	...	7.00	1,38,568	1898-97	1877-78	1,38,568	2,19,446	...
24	Jamda Canals	39.00	75.00	10,41,039	1901-02	1870-71	10,41,039	21,97,442	...
25	Parul Tank	...	4.75	2,18,945	1894-96	1889-90	2,14,995	2,21,611	...
26	Pravara Left Bank Canal	18.00	21.00	3,47,650	1892-93	1874-75	3,47,650	6,01,223	...
27	Bhikodi Tank	4.60	4.50	8,79,707	1891-93	1871-72	8,79,707	6,34,283	...
28	Kamardi do.	...	1.75	45,590	1877-78	1868-70	45,590	93,434	...
29	Shimphal do.	...	12.50	2,24,568	1893-94	1879-80	2,24,568	3,08,775	...
30	Bhadalwadi do.	...	8.75	2,27,422	1890-91	1881-82	2,27,422	2,81,863	...
31	Koregaon do.	...	37.50	30,189	1891-92	1888-89	30,189	70,633	...
32	Ashi do.	27.50	3.15	8,86,091	1892-93	1881-82	8,86,091	10,55,036	...
33	Pithri do.	4.06	3.33	6,42,846	1908-09	1908-07	6,42,846	3,11,087	...
34	Kewtri Canal	...	...	59,811	1892-93	1895-96	59,811	29,871	...
35	Upper Man River Works	17.50	6.50	4,30,265	1901-92	1875-76	4,30,265	6,78,131	...
36	Yerla River Irrigation Works	33.33	4.00	7,71,814	1894-95	1889-70	7,84,879	9,97,026	...
37	Chikoli Canal	6.50	...	87,442	1892-93	1870-71	87,442	96,126	...
38	Maini Tank	9.35	7.68	4,87,650	1891-92	1876-76	4,87,650	6,23,210	...
39	Muchkund Tank	6.60	2.25	1,68,707	1893-91	1894-95	1,68,707	1,50,254	...
40	Gadikeri Tank	...	...	10,818	1891-92	1882-83	10,818	46,034	...
41	Gokak Canal, First Section	16.13	35.43	9,89,256	1894-97	1881-85	9,89,256	30	...
42	Dambal Tank	...	3.27	63,860	1885-86	1880-81	63,860	89,651	...
43	Medleri do.	...	4.87	81,392	1827-88	1884-86	81,392	1,28,943	...
44	Madag do.	...	...	1,67,588	1898-99	1886-87	1,67,588	3,18,475	...
45	Asundi do.	9.00	...	74,956	1899-90	1884-85	74,956	96,418	...
46	Mavinkop do.	...	4.96	33,524	1894-95	1880-82	33,524	38,694	...
47	Dharma Canal	16.00	13.00	96,334	Not completed.	1913-14	96,334	44,596	...
Total		271.32	235.69	86,33,288	...	...	88,10,062	96,65,932	46,034
Under Construction.									
48	Victoria Tank	...	...	4,61,003	Not completed.	Under construction.	4,61,003	...	...
49	Saki River	...	...	...			4,61,003	...	...
Total		...	...	4,61,003	...	...	4,61,003	...	...
In Allegiance.									
50	Gokak Canal, Second Section	...	...	1,91,995	...	...	1,90,394	2,78,652	...
Total, Minor Works		271.32	235.69	94,76,288	...	...	90,80,185	1,02,64,730	46,034
GRAND TOTAL		917.96	712.55	8,18,61,322	...	...	6,59,52,260	3,16,40,216	46,034

II-C.

Deccan and Gujarat for, and up to the end of, 1918-1919.

Financial Results of the year 1918-1919.										
Total sum-at-charge (column 7+column 8).	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 at 3 1/2 per cent. on direct Capital outlay to end of previous year, plus half the outlay of the year.	Net profit.	Net loss.	Area irrigated.	Percentage of working expenses to receipts (column 11 to column 12).
10	11	12	13	14	15	16	17	18	19	20
Rs.	Rs.	Rs.		Per cent.	Per cent.	Rs.	Rs.	Rs.	Acres.	Per cent.
97,26,401	16,243	30,366	-15,622	.....	.....	2,09,309	...	2,84,831	7,083	302.40
27,00,673	20,422	23,676	-3,254	.....	.....	64,050	...	68,794	4,405	115.03
1,24,22,694	2,12,031	1,08,879	1,03,152	0.13	0.10	3,35,023	...	3,30,878	40,245	0.786
80,68,478	2,16,368	1,24,879	91,810	1.40	1.01	2,14,037	...	1,22,817	84,012	6.53
44,97,316	30,761	21,304	9,367	0.15	0.21	60,820	...	60,473	9,577	60.54
9,72,696	.....	.....	.....	.....	.....	13,000	...	13,000	.....	.....
3,02,00,467	4,04,625	3,00,283	95,443	0.32	0.24	9,66,105	...	8,70,852	1,22,042	80.73
5,33,783	.....	.....	.....	.....	.....	10,516	...	10,516	.....	.....
7,44,410	.....	.....	.....	.....	.....	17,100	...	17,100	.....	.....
1,03,00,069	.....	.....	.....	.....	.....	4,05,063	...	4,05,063	.....	.....
1,76,85,161	.....	.....	.....	.....	.....	4,07,718	...	4,07,718	.....	.....
6,88,76,638	4,34,825	3,59,282	95,543	0.21	0.17	14,58,013	...	18,03,570	1,12,042	80.73
23,40,466	41,158	30,711	10,447	0.79	0.46	43,209	...	32,702	2,843	74.00
9,61,847	18,605	4,811	13,017	2.02	1.67	15,677	...	18,133	3,456	30.11
20,50,720	44,320	30,135	14,055	1.43	0.70	30,834	...	19,116	4,008	14.00
18,07,331	2,190	3,123	-957	.....	.....	15,271	...	15,228	603	178.19
1,05,42,079	3,55,930	2,12,393	1,43,742	2.00	1.78	3,26,185	...	82,443	19,872	60.61
28,00,219	1,16,064	21,844	93,870	1.05	3.25	42,761	50,200	.....	4,914	10.71
16,91,270	31,023	15,487	15,591	1.65	1.00	81,093	...	15,601	8,126	40.75
2,16,71,932	6,06,721	3,18,499	2,90,222	2.43	1.85	4,14,819	...	1,14,037	60,770	62.32
7,84,47,560	11,03,346	7,17,738	3,85,606	.....	0.40	16,81,772	...	14,78,317	1,09,518	05.06
4,40,686	3,800	8,997	-5,197	.....	.....	8,374	...	13,561	1,709	236.76
4,36,986	64	2,730	-2,666	.....	.....	8,283	...	17,017	40	5,005.91
4,13,213	211	3,619	-3,398	.....	.....	8,154	...	11,462	241	1,007.79
3,17,104	811	1,364	-4,053	.....	.....	8,517	...	9,670	268	59.83
1,38,700	263	8,279	-3,619	.....	.....	7,787	...	7,787	18	1,147.54
1,40,841	1,832	4,247	-2,395	.....	.....	7,069	...	4,004	301	22.32
3,58,102	2,009	1,082	87	0.06	0.02	4,104	...	4,207	879	95.79
32,38,531	6,328	12,348	-6,020	.....	.....	81,511	...	40,531	5,943	100.13
4,36,856	4,574	3,131	1,443	0.81	0.40	7,512	...	6,509	555	64.46
9,46,773	7,461	16,206	-8,745	.....	.....	11,202	...	20,107	3,235	21.31
10,13,000	7,844	8,944	4,099	1.08	0.40	12,200	...	8,190	1,349	48.16
1,44,024	253	720	-457	.....	.....	1,411	...	1,478	7	273.39
6,33,243	4,917	8,236	1,781	0.75	0.32	7,364	...	8,707	1,015	66.91
5,12,285	8,907	2,791	1,116	0.49	0.22	7,350	...	6,914	1,300	71.94
1,00,222	3,845	5,083	-1,238	.....	.....	7,320	...	2,943	250	113.82
16,91,127	21,609	6,134	15,465	1.78	0.82	20,359	...	10,704	6,076	20.77
9,53,033	6,871	1,789	5,082	0.79	0.33	21,400	...	10,718	1,431	24.04
89,632	3,407	1,861	2,546	3.40	2.35	1,977	60	.....	461	47.75
11,14,417	1,716	8,409	-1,633	.....	.....	14,479	...	71,112	1,118	101.36
17,51,698	10,215	9,344	871	0.11	0.05	23,063	...	24,123	4,401	91.47
1,53,683	838	788	50	0.00	0.03	1,773	...	1,231	13	138.93
11,10,846	7,827	5,228	2,401	0.49	0.22	16,070	...	17,489	2,270	64.2
3,46,961	8,009	1,861	1,141	0.72	0.33	4,891	...	3,741	.....	02.04
10,919	2,061	1,068	974	9.74	9.74	670	1,078	.....	377	2.04
9,61,285	62,765	11,779	41,006	4.23	4.23	31,394	9,042	.....	9,091	22.31
1,32,661	2,639	2,278	290	0.11	0.20	2,119	...	1,853	401	40.62
2,05,505	727	602	125	0.16	0.08	2,555	...	2,091	55	61.04
4,37,073	2,014	1,211	603	0.48	0.18	5,014	...	4,811	87	60.13
4,71,411	2,383	612	1,771	2.37	1.04	2,111	...	34	2.9	25.7
35,556	2,229	936	1,771	8.23	4.92	1,041	700	.....	577	13.17
1,50,989	.....	2,014	-1,980	.....	.....	3,112	.....	5,192	7,907	6,023.63
1,87,45,934	1,80,068	1,27,494	41,664	0.47	0.22	2,94,434	...	2,12,870	52,033	70.41
80,183	.....	.....	.....	.....	.....	2,700	...	2,000	.....	.....
19,432	.....	.....	.....	.....	.....	7	...	627	.....	.....
1,08,065	.....	.....	.....	.....	.....	2,507	...	2,677	.....	.....
4,68,635	.....	.....	.....	.....	.....	6,130	...	6,133	.....	.....
1,93,44,915	1,00,018	1,27,494	41,704	.....	0.21	2,61,531	...	2,61,531	62,431	76.41
9,77,22,475	12,72,404	8,45,273	4,27,129	.....	0.44	21,56,872	...	17,29,743	2,14,551	60.43

C. W. C. CARSON,
Accountant General, Bombay.

STATEMENT III-C.

Demands and Realizations during the year 1918-1919 in Deccan and Gujarat.

Irrigation Works.	Balance of demands unrealized at commencement of year. (b)	DEMANDS OF THE YEAR (a).				Total including Balance at commencement of year.	Deduct—Remissions not including Cash Refunds.	Net Total.	Deduct—Amount unrealized at close of year.	Actual Realizations of the year.
		Rabi, 1917-1918.	Kharif, 1918-1919.	Miscellaneous Receipts.	Total.					
1	2	3	4	5	6	7	8	9	10	11
MAJOR WORKS.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
85.—PROTECTIVE IRRIGATION WORKS.										
1 Pravara River Canal...	—611	6,081	12,346	703	19,130	13,519	.....	18,519	3,276	15,243
2 Chankapur Tank ...	4,216	10,601	7,178	130	17,909	22,128	.....	22,128	1,702	20,426
3 Godavari Canal ...	67,008	64,947	3,86,609	11,075	4,12,631	4,79,639	712	4,78,927	2,66,737	2,12,170
4 Nira Canal and Shetphal Tank ...	4,572	31,857	5,20,906	7,159	5,69,922	5,64,494	148	5,64,346	3,48,141	2,16,205
5 Mhaswad Tank ...	—112	13,985	26,098	6,676	46,709	46,597	14	46,583	16,832	30,751
Total, Protective Works ...	75,076	1,27,421	9,08,137	25,743	10,56,301	11,31,977	874	11,30,503	6,35,708	4,94,795
49.—IRRIGATION PRODUCTIVE WORKS.										
9 Hathmati and Khairat Canal ...	43,430	19,935	3,583	5,213	28,781	72,161	980	71,181	29,966	41,215
10 Lower Panjra River Works ...	1,032	(a) 5,432	(c) 7,708	2,469	15,599	16,031	.....	16,031	910	15,721
11 Kādwa River Works ...	5,246	11,117	29,618	3,187	43,922	49,167	.....	49,167	4,931	44,226
12 Pravara River Works—Lakh Canal ...	87	517	884	495	1,896	1,983	.....	1,983	42	1,941
13 Mutha Canals and Mūtaba Tank ...	52,280	8,938	2,34,276	2,75,497	5,18,711	5,70,991	241	5,70,750	2,14,758	3,55,997
14 Ekrut Tank ...	7,956	4,607	24,510	85,793	1,14,910	1,22,865	.....	1,22,865	7,501	1,15,064
15 Krishna Canal ...	30,334	2,779	71,644	691	74,914	1,05,248	.....	1,05,248	74,246	31,042
Total, Productive Works ...	1,40,363	53,325	3,72,123	3,73,235	7,98,683	9,39,046	1,221	9,37,825	3,32,619	6,05,206
Total, Major Works ...	2,15,439	1,80,746	12,75,260	3,98,976	18,54,984	20,70,423	2,095	20,68,328	9,68,327	11,00,001
43.—MINOR WORKS AND NAVIGATION.										
16 Wangrol Tank ...	98	1,110	2,015	233	3,358	3,456	10	3,446	2,771	675
17 Tranza-Nagramma Tanks ...	...	59	...	...	59	59	.....	59	59	...
18 Savli Tank ...	96	856	608	115	1,679	1,675	.....	1,675	1,464	211
19 Sabhat do. ...	...	596	608	148	1,352	1,352	.....	1,352	1,177	175
20 Futelo do. ...	72	90	85	107	232	304	.....	304	46	258
21 Hartala do. ...	...	158	644	1,440	2,242	2,242	.....	2,242	390	1,852
22 Mhasva do. ...	43	419	689	1,298	2,436	2,479	.....	2,479	410	2,069
23 Jāmda Canals ...	1,551	3,604	13,711	1,366	18,481	20,032	.....	20,032	13,704	6,328
24 Parsul Tank ...	10	4,157	1,381	31	5,469	5,679	.....	5,679	705	4,874
25 Pravara Left Bank Canal ...	8	3,257	4,408	465	8,130	8,138	.....	8,138	763	7,375
26 Bhātodi Tank ...	14	2,507	2,134	4,003	8,644	8,658	.....	8,658	2,125	6,533
27 Kāsudi do. ...	...	203	60	...	263	263	.....	263	...	263
28 Shirsaphal do. ...	206	1,000	3,267	454	4,714	4,920	.....	4,920	3	4,917
29 Bhādalvādi do. ...	1	495	5,631	253	6,276	6,277	.....	6,277	2,370	3,907
30 Koregaon do. ...	...	2,499	714	973	4,186	4,186	.....	4,186	641	3,545
31 Ashti do. ...	—119	5,467	9,748	7,894	22,009	22,490	26	22,464	765	21,699
32 Pāthri do. ...	—1	4,819	1,587	371	6,977	6,976	.....	6,976	105	6,871
33 Ravari Canal ...	...	2,100	1,535	233	3,918	3,918	.....	3,918	21	3,897
34 Upper Man River Works ...	...	1,575	2,415	201	4,191	4,191	.....	4,191	2,416	1,776
35 Yoria River Irrigation Works.	89	8,951	9,096	358	18,383	18,472	.....	18,472	8,243	10,229
36 Chikhali Canal ...	471	829	653	38	1,020	1,491	.....	1,491	653	538
37 Maini Tank ...	518	5,631	1,979	171	7,781	8,369	.....	8,369	720	7,649
38 Muchandi Tank ...	...	...	...	3,009	3,009	3,009	.....	3,009	...	3,009
39 Gadikori do. ...	...	...	...	...	...	...	.....	...	...	...
40 Gokak Canal, First Section, and Storage Works ...	1,532	8,893	6,765	19,851	55,509	57,091	.....	57,091	4,185	52,906
41 Dambal Tank ...	785	218	908	670	1,796	2,531	.....	2,531	908	1,623
42 Medleri do. ...	21	4	639	593	1,236	1,257	.....	1,257	590	737
43 Madag do. ...	976	1,158	1,716	372	3,246	4,224	.....	4,224	2,210	2,014
44 Asundi do. ...	81	238	612	937	1,787	1,818	.....	1,818	112	1,706
45 Māvinkop do. ...	...	...	...	...	...	...	.....	...	...	...
46 Dharna Canal ...	8,702	...	83	238	381	9,083	.....	9,083	4,068	4,995
Total, Minor Works ...	15,176	60,323	93,584	45,457	1,99,364	2,14,540	36	2,14,504	51,573	1,62,931
Grand Total ...	2,30,615	2,41,069	13,68,844	4,44,435	20,54,348	22,84,963	2,131	22,82,832	10,19,900	12,62,932

(a) Excluding Irrigation Share of Land Revenue.

(b) Correct balances as now reported by the Revenue Officers in Canal Returns Nos. VI and VII.

(c) Inclusive of assessments shown in Canal Return No. IX.

R. SRINIVASA AYYAR,
Accountant General, Bombay.

STATEMENT IV-C.

Statement showing the Financial Results of Irrigation Works in Decan and Gnjardit for the year ended 1918-1919, based on the assessment of the year.

Principal Results and Operations for the year ended 31st March 1919.

		REVENUE ASSESSED DURING THE YEAR.														
Irrigation Works.		Capital outlay (direct and indirect) to end of year.	Direct assessed Revenue.							Indirect Revenue (Land Revenue due to operation of Canal).	Grand Total.	Working Expenses, direct and indirect.	Net Revenue of the year.	Percentage on Capital outlay for end of year.		
			Occupier's rate.	Owner's rate.	Plantations.	Water-power.	Navigation.	Miscellaneous.	Total.							
1		2	3	4	5	6	7	8	9	10	11	12	13	14		
MAJOR WORKS.																
35.—PROTECTIVE IRRIGATION WORKS.																
1	Pravara River Canal	83,79,130	17,791	421				292	19,411		19,424	3,865	-12,431	(a)		
2	Chandrapur Tank	18,72,238	21,017					130	21,147		21,147	3,170	-25,29	(a)		
3	Godavari Canal	1,00,04,278	5,98,504	667				10,408	8,16,079		8,16,079	1,08,070	3,72,706	3.15		
4	Alm Canal and Shetpal Tank	65,37,813	6,33,912	817				6,312	6,41,121		6,41,121	1,36,378	8,10,743	7.40		
6	Mhaswad Tank	30,96,016	50,518	1,200				5,07	57,194		57,194	31,346	55,010	1.71		
	Total, Protective Works	2,00,41,039	12,28,832	3,194				22,519	12,54,676		12,54,676	3,80,713	8,55,218	2.94		
40.—IRRIGATION PRODUCTIVE WORKS.																
9	Hathmati and Khairat Canal	15,15,978	4,081	7				5,870	9,254		9,254	90,761	-21,447	(a)		
10	Lower Pajhira River Works	6,05,081	12,673	250				2,376	15,121		17,497	4,301	13,066	2.78		
11	Kidwa River Works	1,00,34,191	39,194					3,177	42,581		42,575	8,123	12,410	1.24		
12	Pravara River Works—Lakh Canal.	3,71,991	1,673	156				379	2,166		2,225	8,123	728	(a)		
13	Mutha Canal and Muteba Tank	65,24,144	2,49,153	2,906			403	2,72,396	3,19,238	118	3,19,461	3,19,238	3,12,667	4.78		
14	Ekrat Tank	13,40,895	37,588	1,163				94,540	1,31,238		1,32,398	21,014	1,01,304	7.90		
15	Krishna Canal	5,44,580	51,714	85				591	56,395		56,395	16,437	69,028	7.91		
	Total, Productive Works	1,30,09,866	4,39,143	4,233			401	3,66,119	8,01,376	3,768	8,00,136	3,18,400	4,47,017	4.06		
	Total, Major Works	4,10,51,896	16,57,975	7,427			401	8,91,148	20,56,052	3,768	30,80,711	7,17,761	13,42,900	3.27		
43.—MINOR WORKS AND NAVIGATION.																
16	Wangroli Tank	2,90,930	2,018					283	2,54	3,125	5,273	8,907	-8,674	(a)		
17	Tranra-Nagramma Tanks	2,90,028								54	2,701	-2,679	(a)			
18	Sevil Tank	2,55,210	605	65				60	723		723	3,619	-2,786	(a)		
19	Sahyat do.	1,04,028	605					148	755	688	1,911	4,824	-2,053	(a)		
20	Futale do.	1,10,461	75	56				81	142		142	3,907	-3,755	(a)		
21	Harkula do.	72,398	800					1,440	2,420		2,420	6,247	-1,362	(a)		
22	Mhaswa do.	1,35,636	1,651	19				1,360	2,996		2,962	1,062	640	0.93		
23	Jamda Canal	10,41,089	19,143	513				723	19,400		19,400	12,344	7,407	0.72		
24	Parul Tank	2,14,092	1,540					31	1,621		1,621	3,131	-1,510	(a)		
25	Pravara Left Bank Canal	3,47,530	4,527	354				810	4,937		5,099	16,268	-11,198	(a)		
26	Bhatodi Tank	3,79,707	6,102	254				2,640	10,406	1,411	11,046	8,774	8,064	2.12		
27	Kawadi do.	45,000							60		60	720	-660	(a)		
28	Shirumphal do.	2,24,567	7,900					454	7,964		7,964	5,326	4,116	1.53		
29	Rhadavadi do.	2,37,422	7,170					260	7,439		7,429	2,291	4,018	2.94		
30	Koregaon do.	39,183	540					181	1,113		1,013	6,068	-8,275	(a)		
31	Revadi Canal	8,30,091	31,465	35				7,239	39,839		39,840	1,134	82,735	3.91		
32	Pithri do.	64,845	3,354	21				5,40	9,083		9,083	1,749	5,140	0.93		
33	Yerla River Works	59,811	2,477					331	2,710		2,710	1,911	440	1.12		
34	Upper Man River Works	4,39,248	8,573					301	5,774		5,774	8,440	2,405	0.74		
35	Yerla River Irrigation Works	2,61,570	22,627					330	22,953		22,953	9,384	13,619	1.78		
36	Chikhali Canal	77,442	1,939	35				171	1,069		1,069	704	940	0.69		
37	Mahi Tank	4,67,050	9,404						9,215		9,215	5,326	3,900	0.92		
38	Muchkund Tank	1,56,707						3,009	3,009		3,009	1,608	1,411	0.72		
39	Gadikori do.	10,918								2,081	2,081	418	1,669	0.74		
40	Golk Canal, First Section, and Storage Works	13,61,922	44,286	300	14,313			5,339	66,527		66,527	11,779	54,758	3.76		
41	Dambal Tank	63,080	1,090					678	1,730		1,730	2,682	2,379	0.70		
42	Modori do.	81,392	882					593	1,275		1,275	1,073	673	0.70		
43	Madga do.	1,67,699	2,532	120				222	2,984		2,984	1,211	1,718	1.09		
44	Asundi do.	74,908	711					627	1,048		1,048	697	1,723	2.70		
45	Mavalup do.	33,614								2,279	2,279	524	1,781	0.73		
46	Dharma Canal	85,139	53					298	381	-5,901	-5,520	2,016	-6,594	(a)		
	Total, Minor Works	92,22,718	1,82,329		1,619	14,313		29,821	2,27,746	6,284	2,34,030	1,37,466	1,06,676	1.16		
	Grand Total	5,02,77,743	18,40,304		9,046	14,313	6.2	4,20,973	22,84,798	10,042	22,94,791	8,46,276	14,49,705	2.76		

(a) No percentage is calculated, as the net revenue against the work is a minus figure.

B. SRINIVASA AYYAR,
Accountant General, Bombay.

Statement of Area irrigated by Irrigation Works in the

No.	Name of work.	AREA IRRIGATED IN ACRES.					AVERAGE DISCHARGE, CUBIC FEET PER SECOND.					
		Kharif.	Rabi.	Total.	Flow.	Lift.	Double cropped.		At Head.		Utilized.	
							Area irrigated.	Percentage of Total Area.	Kharif.	Rabi.	Kharif.	Rabi.
		8	4	5	6	7	8	9	10	11	12	13
MAJOR WORKS.												
<i>Protective Works.</i>												
1	Pravara River Works—Pravara Right Bank Canal	5,270	1,814	7,084	7,078	6	175	2.47	36	11	23	8
2	Girna Left Bank Canal	(1,606)	(3,247)	4,495	4,495	...	935	20.82	87.61	40.66	37.61	40.66
3	Darna Dam	1,737	2,760	852	...	352	...	...	...	...	...	...
3	Godavari Right Bank Canal	8,606	(24,696)	28,779	23,253	26	2,414	8.54	110	157	92	137
3	Godavari Left Bank Canal	4,622	(19,312)	17,614	17,593	21	765	4.34	70	97	58	89
4	Nira Canal and	31,994	(36,452)	49,880	49,662	218	2,791	5.60	354	314	321	308
4	Shetphal Tank	9,251	(3,089)	4,762	4,761	1	255	5.36	31	31	31	31
5	Mhasvad Tank	4,755	(5,035)	9,577	9,323	254	...	...	40.41	61.36	50.41	61.36
	Total	60,479	61,564	122,043	121,165	878	7,335	6.01	...	...	...	...
<i>Productive Works.</i>												
9	Hithmati Canal and	(200)	259	1,453	1,423	30	...	...	56	26	39	26
9	Khari Cut Canal	1,194	(830)	1,365	1,198	197	...	...	29	(c) 6	29	...
10	Lower Panjra River Works	330	370	700	700	...	177	7.04	9.46	11.51	9.46	11.51
11	Kadva River Works—Waghad Tank	(1,628)	(1,936)	2,470	2,417	53	78	3.16	23.21	28.36	23.21	28.36
11	Kadva River Works—Falked Canal	1,731	739	980	978	2	47	4.80	5.29	6.17	5.29	6.17
11	Kadva River Works—Ojhar-T & m-bat Canal	(885)	(724)	1,245	1,243	2	260	20.82	8.92	9.39	8.92	9.19
11	Kadva River Works—Wadali Canal	(663)	(508)	963	900	63	118	12.25	8.34	3.19	4.44	3.39
12	Pravara River Works—Lakh Canal	(550)	(559)	15,305	15,305	...	207	1.74	201	126	...	...
13	Mutha Canals and Matoba Tank	13,228	(7,458)	15,305	15,305	...	207	1.74	201	126	...	...
14	Ekrak Tank	1,616	(761)	1,910	1,910	...	...	...	5.37	4.32	5.37	4.32
15	Krishna Canal	2,330	2,474	4,804	4,722	82	...	...	33.90	47.92	29.61	47.02
15	Krishna Canal	5,530	2,597	8,127	6,843	1,284	140	1.72	74.90	50.46	74.90	50.46
	Total	29,350	10,092	39,352	37,639	1,713	1,037	2.78	...	...	...	...
	Total, Major Works	89,829	71,656	161,395	158,804	2,591	8,422	5.22	...	...	...	...
MINOR WORKS AND NAVIGATION.												
16	Wangroli Tank	(73)	781	784	768	16	...	...	M.c.ft. 52.65	...	M.c.ft. 52.65	...
17	Tranza-Nagramma Tanks	(129)	...	281	281	...	...	...	M.c.ft. 19.33	...	M.c.ft. 19.33	...
18	Savli Tank	(107)	...	107	107	...	...	...	M.c.ft. 60.64	...	M.c.ft. 60.64	...
19	Sahat do.	(d) 107	...	107	107	...	...	...	M.c.ft. 0.49	...	M.c.ft. 0.49	...
20	Futelo do.	197	164	361	360	...	...	...	0.96	0.96	0.96	0.96
21	Hartala do.	298	374	670	670	1	...	...	2.76	4.79	2.76	4.79
22	Mhasva do.	4,647	1,293	5,943	5,943	...	...	...	58.50	43.95	42.63	40.95
23	Jamda Canals	520	35	555	555	...	74	2.52	...	...	...	...
24	Pareul Tank	2,119	116	2,235	2,235	...	30	1.34	61	29	17	29
25	Pravara River Works—Pravara Left Bank Canal	431	909	1,340	1,329	11	58	4.33	0.77	1.68	0.77	1.68
26	Bhatodi Tank	7	7	7	7	...	...	...	...	...	...	...
27	Kasurdi do.	(624)	(1,350)	1,655	1,655	...	...	...	8.04	6.50	8.04	6.50
28	Shirsaphal do.	(756)	(1,057)	1,390	1,390	...	...	...	4.16	2.94	4.16	2.94
29	Bhadraladi do.	163	87	240	248	2	...	...	2.04	0.79	2.04	0.79
30	Koregaon do.	1,440	4,098	5,638	5,627	11	...	...	14.34	20.90	14.34	20.90
31	Ashti do.	361	1,076	1,436	1,363	73	...	...	1.45	8.38	1.95	8.38
32	Patbri do.	289	222	461	460	1	108	23.42	2.68	2.89	2.68	2.89
33	Revadi Canal	413	696	1,109	1,107	2	77	6.94	6.58	5.41	6.03	5.20
34	Upper Min River Works	1,606	2,890	4,496	4,484	13	132	2.94	20.38	24.39	13.18	24.07
35	Chikhli Canal	141	33	174	168	8	15	8.62	2.80	1.62	2.80	1.62
36	Mandi Tank	706	1,570	2,276	2,250	26	161	7.07	3.48	9.08	3.48	9.08
37	Muchkundi do.	377	...	377	...	...	...	...	...	...	...	...
38	Gadikeri do.	5,206	3,889	9,095	8,787	308	...	...	37.40	33.87	37.00	33.87
39	Gokak Canal, 1st Section and S. ongu Works.	177	230	230	230	...	...	...	4.80	1.36	4.80	1.36
40	Dambal Tank	44	53	144	...	...	...	...	3.13	8.69	3.13	8.69
41	Medleri do.	683	211	896	877	19	...	...	7.92	9.70	7.92	9.78
42	Madag do.	117	22	139	133	6	...	...	5.53	4.02	5.53	4.02
43	Asundi do.	577	16	577	...	...	...	...	1.64	...	1.64	...
44	Mavinkop do.	7,604	357	7,661	16	...	...	...	13.35	0.62	13.35	0.52
45	Dharma Canal	22,576	19,041	41,617	41,111	506	595	1.43	...	...	...	...
46	Total, Minor Works	8,632	547	9,149	...	...	...	...	...	...	...	...
	GRAND TOTAL	112,405	90,607	203,012	199,915	3,097	9,017	4.44	...	...	...	...

Bombay Presidency, excluding Siml, during the year 1913-1919.

AREA IRRIGATED PER CUBIC FOOT PER SECOND.				BASE TO WHICH THE DUTIES OF WATER ARE CALCULATED.		Remarks.
Discharged at Head.		Utilized.		Kharif.	Rabi.	
Kharif.	Rabi.	Kharif.	Rabi.			
14	15	16	17	18	19	20
(a) 128.16	(a) 164.91	(a) 173.93	(a) 226.75	16th June to 15th October.	16th October to 15th February.	<p>Note—The antique figures in brackets represent areas actually irrigated during the respective seasons and the duties have been calculated on these figures. They differ from those in Statement IV-f, owing to the fact that certain areas irrigated during the rabi season are assessed in kharif papers and <i>vice versa</i>. In the rabi season in addition to pure rabi crops perennial and eight months crops are irrigated. To obtain correct duties therefore these crops have to be added to the rabi area.</p> <p>(a) A fair duty considering the scattered nature of irrigation.</p> <p>* These figures of kharif include hot weather and monsoon crops. The figures in italics represent hot weather irrigation.</p> <p>(b) The low duties are due to high proportion of cane which requires thrice as much water as is required for ordinary seasonal crops.</p> <p>† Figures for utilized discharge are not available as the quantity let into Matoba Tank was not measured. Besides water was supplied for drinking purposes to the City and Cantonment, of Poona.</p> <p>‡ Area under consolidated assessment.</p> <p>§ Area indirectly irrigated by underground percolation from the Mutha Right Bank Canal.</p> <p>(c) Used in filling adjoining tanks for domestic purposes and 2 acres were irrigated from water in the Chandola Tank.</p> <p>(d) This is wholly hot weather cultivation and figures in subsequent columns are based on this.</p> <p>Farsul Tank.—This tank was dry from June. The areas irrigated shown in column 3 were hot weather crops, etc., for which water was sufficient to end of May. As the tank was practically dry during both the seasons, no duties can be calculated. The area shown in column 4 was not irrigated on tank water but could be watered only by a tributary sale of the Farsul River below the tank.</p> <p>Pravara River Works.—Pravara Left Bank Canal.—Small discharge available for only one month hence very low duty.</p> <p>Shirsuphal and Bhawalwadi Tanks.—In calculating the kharif duty shown in columns 14 and 16 the hot weather area shown in Statement G is deducted from the areas shown in column 3 of this statement. The duties have been calculated on the antique figures in brackets shown in column 3.</p> <p>Hot weather discharges of the Shirsuphal and Bhawalwadi tanks have not been included as they are generally very small in this season. If they are shown the duties would have to be calculated to a basis of eight months which would give greatly inflated figures. Even during the monsoon and the rabi seasons, there is no discharge from these tanks for days together.</p>
42.70	79.85	42.70	79.85			
...			
78.25	157.30	93.55	180.26			
66.03	163.15	79.69	183.27			
90	116	100	118	16th February to 15th October.	16th October to 15th February.	
105	99	105	99			
94.83	78.59	94.33	78.59			
...			
...			
17.75	9.96	25.49	9.96	15th June to 14th October.	15th October to 14th February.	
19.41	...	19.41	...			
161.08	182.10	161.08	182.10			
...			
69.76	69.29	69.76	69.29			
125.71	117.34	125.71	117.84	16th June to 15th October.	16th October to 15th February.	
74.23	98.80	74.33	93.80			
65.95	164.90	123.87	164.90			
...			
...			
(b) 66	(b) 59	16th February to 15th October.	16th October to 15th February.	
301	176	301	176	16th June to 15th October.		
69.73	93.90	78.96	95.70	15th February to 14th October.		
101	144	101	144	16th February to 15th October.		
...			
...			
M.c.ft. 13.50	...	M.c.ft. 13.50	...	15th June to 14th October.	15th October to 14th February.	
...			
M.c.ft. 7.86	...	M.c.ft. 7.86	...			
M.c.ft. 1.76	...	M.c.ft. 1.76	...			
M.c.ft. 96.73	...	M.c.ft. 36.73	...			
142.75	223.96	142.75	223.96	15th February to 14th October.	15th October to 14th February.	
107.24	81.42	107.24	81.42			
86.86	41.64	103.26	44.69			
...			
41.55	4.00	124.65	4.00			
554	649	554	649	16th June to 15th October.	16th October to 15th February.	
...			
78	208	78	208			
182	360	182	360			
80	205	80	205			
107	227	107	227	15th February to 14th October.	15th October to 14th February.	
185	159	185	159			
82.69	82.83	82.69	82.83			
63	129	63	129			
79	118	79	118			
62	56	62	56	16th February to 15th October.	16th October to 15th February.	
202.28	172.89	202.28	172.89			
...			
...			
137	150	137	150			
64	161	64	161	16th February to 14th October.	16th October to 15th February.	
14	16	14	16			
87	23	87	23			
4	96	4	96			
352	...	352	...			
563	686	563	686	16th January to 15th October.	16th October to 15th January	
...			
...			

Statement showing incidence of Working Expenses and Assessed Water Revenue

No.	Name of Work.	Average Discharge of the year at Canal Head in cubic feet per second.	WATER-RATE ASSESSED.					Gross assessed Revenue from all sources.	Working Expenses, Direct and Indirect.
			Occupier's.	Owner's.	Total Direct.	Indirect.	Total Direct and Indirect.		
			Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
	MAJOR WORKS.								
	<i>Protective Works.</i>								
1	Pravara River Works—Pravara Right Bank Canal ...	45	17,731	...	17,731	...	17,731	18,434	30,265
2	Chankapur Tank—Girna Left Bank Canal ...	...	21,017	...	21,017	...	21,017	21,147	23,676
3	Lake Beale—Darna Dam	252	2,36,492	...	2,36,492	...	2,36,492	5,16,679	1,98,979
	Godavari Right Bank Canal	157	2,08,203	...	2,08,203	...	2,08,203		
	Do. Left Bank Canal	840.64 80.88	6,33,962	...	6,33,962	...	6,33,962	6,41,121	1,24,378
4	Nira Canal and Shetphal Tank ...	371.50 54.10	50,518	...	50,518	...	50,518	57,194	21,384
5	Mhasvad Tank ...	...	...	...	...	...	...	...	...
	Total ...	...	12,28,832	...	12,28,832	...	12,28,832	12,54,576	3,99,262
	<i>Productive Works.</i>								
9	Hathmati Canal and ...	55	4,081	...	4,081	...	4,081	9,294	30,741
	Khari Out Canal ...	29	...	...	...	...	...	...	...
10	Lower Panjhra River Works	9.75	12,673	...	12,673	2,784	15,457	17,916	4,831
	Wagbad Tank ...	...	...	...	...	...	...	728	5,306
	Palkhed Canal ...	25.42	20,748	...	20,748	594	21,342	23,819	20,431
11	Kadva River Works—Ojhar-T & m bat Canal ...	6.27	9,133	...	9,133	...	9,133	9,268	1,950
	Waddali Canal ...	8.23	9,313	...	9,313	...	9,313	9,660	2,448
12	Pravara River Works—Lakh Canal ...	15	1,673	...	1,673	225	1,898	2,393	3,123
	...	175.51	...	...	...	...	...	...	...
	Mutha Canals and Matoba Tank	8.484	2,49,153	...	2,49,153	155	2,49,308	5,24,505	2,12,238
	...	180.35	...	...	...	...	...	...	...
13	Etrik Tank ...	39.45	37,595	...	37,595	...	37,595	1,23,388	21,994
14	Krishna Canal ...	77.20	84,774	...	84,774	...	84,774	85,365	15,437
15	...	...	...	...	...	...	...	...	...
	Total ...	...	4,29,143	...	4,29,143	3,758	4,32,901	8,06,136	3,18,499
	Total, Major Works ...	...	16,57,975	...	16,57,975	3,758	16,61,733	20,60,711	7,17,781
	MINOR WORKS AND NAVIGATION.								
16	Wangroli Tank ...	M. Cf. 137.81	2,015	...	2,015	3,125	5,140	5,373	8,997
17	Tranra-Nagramma Tanks	...	...	...	...	54	54	54	2,723
18	Savli Tank ...	M. Cf. 8.4.27	608	...	608	...	608	723	3,519
19	Sahat do. ...	M. Cf. 80.64	607	...	607	636	1,243	1,391	4,864
20	Futela do. ...	M. Cf. 0.49	35	...	35	...	35	142	3,907
21	Hartala do. ...	1.24	999	...	999	...	999	2,439	4,247
22	Musva do. ...	3.43	1,564	...	1,564	...	1,564	2,862	1,862
23	Jamda Canals ...	50.28	18,543	...	18,543	...	18,543	19,809	12,368
24	Parsul Tank ...	1.531	1,590	...	1,590	...	1,590	1,621	3,131
25	Pravara River Works—Pravara Left Bank Canal ...	94	4,527	...	4,527	76	4,603	5,068	16,266
26	Bhatodi Tank ...	1.08	6,492	...	6,492	1,411	7,903	11,906	3,854
27	Kasurdi do. ...	...	60	...	60	...	60	60	720
28	Shirsuphal do. ...	7.27	6,900	...	6,900	...	6,900	7,354	3,236
29	Bhadaniwadi do. ...	9.55	7,179	...	7,179	...	7,179	7,429	2,791
30	Koregaon do. ...	1.69	840	...	840	...	840	1,613	5,488
31	Ashti do. ...	11.76	31,465	...	31,465	...	31,465	38,859	6,134
32	Patthri do. ...	3.46	6,364	...	6,364	...	6,364	6,935	1,789
33	Revadi Canal ...	2.81	2,477	...	2,477	...	2,477	2,710	1,861
34	Upper Man River Works	6.16	5,573	...	5,573	...	5,573	5,774	3,409
35	Yerla River Irrigation Works	21.78	22,627	...	22,627	...	22,627	22,903	9,344
36	Chikhli Canal ...	2.74	1,030	...	1,030	...	1,030	1,068	788
37	Binani Tank ...	5.48	9,054	...	9,054	...	9,054	9,225	5,226
38	Muckhundi do. ...	...	...	...	...	...	...	3,009	1,863
39	Gadikeri do. ...	...	...	...	...	2,061	2,061	2,061	413
40	Gokak Canal, 1st Section, and Storage Works ...	35.93	46,686	...	46,686	...	46,686	62,537	11,779
41	Dambal Tank ...	3.93	1,066	...	1,066	916	1,982	2,652	2,273
42	Medleri do. ...	4.53	682	...	682	...	682	1,275	602
43	Madog do. ...	9.39	2,552	...	2,552	...	2,552	2,924	1,211
44	Asundi do. ...	5.15	711	...	711	687	1,398	2,335	612
45	Mavinkop do. ...	1.23	...	...	...	2,279	2,279	2,279	528
46	Dharma Canal ...	10.11	83	...	83	4,961	4,878	4,580	2,014
	Total, Minor Works ...	...	1,82,329	...	1,82,329	6,294	1,88,613	2,34,070	1,27,494
	GRAND TOTAL ...	...	18,40,304	...	18,40,304	10,042	18,50,346	22,94,781	8,45,275

on Canals in the Bombay Presidency, excluding Sind, during the year 1918-1919.

Area irrigated during the year.	WORKING EXPENSES.			OCCUPIER'S RATE.		TOTAL WATER-RATE, DIRECT AND INDIRECT.		Remarks.
	Per cent. on Gross Revenue.	Per Acre irrigated.	Per cubic foot per second of Discharge at Canal Head.	Per Acre irrigated.	Per cubic foot per second of Discharge at Canal Head.	Per Acre irrigated.	Per cubic foot per second of Discharge at Canal Head.	
Acres.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
7,084	167'44	4'36	685'89	2'50	394'03	2'50	394'03	
4,495	111'98	5'27	679'68	4'68	603'24	4'68	603'24	
852	38'51	4'30	441'92*	2'58	...	2'58	...	
28,279				10'48	(b)1,176'66	10'48	(b)1,176'66	
17,614				11'82	(b)1,326'13	11'82	(b)1,326'13	
54,642	19'40	2'23	884'80	11'80	(b)1,706'49	11'80	(b)1,706'49	
9,577	37'38	2'23	395'27	5'27	933'78	5'27	933'78	
1,22,043	31'83	3'27	.....	10'07	.....	10'07	...	
1,453	330'76	10'79	365'96	1'43	48'58	1'43	48'58	
1,395								
700	26'95	1'92	495'49	5'04	1,299'00	6'15	1,685'00	
1,814	...	...	...	...	...	...	...
2,470	37'62	3'27	803'34	8'04	816'21	8'64	839'58	
980	21'04	1'99	311'00	9'32	1,456'62	9'32	1,456'62	
1,245	25'34	1'97	297'45	7'38	1,131'69	7'48	1,131'69	
983	130'51	3'24	208'20	1'74	111'56	1'97	126'53	
17,243	(a)40'44	(a)12'31	(a)1,176'77	14'47	(b)1,381'50	14'48	(b)1,382'36	
4,804	17'32	4'58	558'40	7'32	933'00	7'32	933'00	
8,127	18'10	1'30	200'14	10'43	1,038'00	10'43	1,068'00	
39,300	39'51	7'74	.....	10'98	.....	10'52	...	
1,814								
161,423	34'83	4'10	.....	10'16	.....	10'18	...	
1,814								
5,734	167'46	11'48	65'29	2'57	14'62 Per M. Cft.	8'56	37'30 Per M. Cft.	
1,005'55	...	...	...	...	...	...	...
251	126'72	12'62	41'78	2'16	7'21 do.	2'16	7'21 do.	
107	348'96	45'36	82'05	5'67	10'01 do.	11'62	20'60 do.	
18	2,751'41	217'06	7,973'47 Per M. Cft.	1'94	71'43 do.	1'94	71'43 do.	
361	174'13	11'76	3,425'00	2'77	805'64	2'77	805'64	
670	69'25	2'96	574'00	2'33	458'83	2'33	453'33	
5,943	62'38	2'08	245'00	8'12	868'79	8'12	868'79	
565	193'15	5'64	2,495'41	2'67	1,039'21	2'67	1,039'21	
2,236	320'96	7'28	173'04	2'03	48'16	2'06	49'00	
1,340	32'37	2'88	3,568'00	4'84	6,011'00	5'10	7,318	
7	1,200'00	102'86	...	8'57	...	8'57	...	
1,655	44'00	1'96	445'12	4'17	949'11	4'17	949'11	
1,390	37'57	2'01	786'30	5'16	2,022'26	5'16	2,022'26	
259	231'00	20'35	3,011'00	3'36	497'00	3'36	497'00	
5,638	15'78	1'09	522'00	5'58	2,675'00	5'58	2,675'00	
1,436	25'79	1'25	517'00	4'13	1,899'00	4'43	1,899'00	
461	68'67	4'03	662'27	5'37	851'49	5'37	81'49	
1,109	59'04	3'07	533'40	5'02	904'00	5'02	901'00	
4,486	40'89	2'08	420'47	5'08	1,038'88	5'03	1,038'88	
174	73'78	4'53	287'59	5'52	360'00	5'52	350'00	
2,276	56'45	2'31	957'66	3'08	1,652'00	3'08	1,652'00	
...	62'08	...	...	...	...	...	...
377	20'04	1'10	...	...	...	5'47	...	
9,095	17'88	1'31	332'59	5'13	1,299'00	5'13	1,299'00	
230	85'71	6'08	538'37	4'68	271'00	5'20	504'00	
144	47'21	10'56	132'89	12'04	151'00	12'04	151'00	
55	41'42	1'35	144'34	2'84	304'00	2'84	304'00	
806	26'21	1'86	118'83	5'11	138'00	4'25	271'00	
139	23'17	0'92	429'27	...	...	3'95	1,853'00	
190	43'97	1'25	199'21	5'19	8'21	-0'62	-482'00	
577	...	...	...	...	...	...	...
16	...	...	...	...	...	...	...
7,861	...	...	...	...	...	...	...
41,617	54'47	2'51	.....	4'38	...	8'71	...	
9,149								
2,03,040	38'83	3'95	.....	8'38	...	8'65	...	
10,963								

High rates are also due to irrigation being scattered and undeveloped. Worked out on the working expenses of Rs. 1,80,747 for Godavari Canals only, excluding working expenses for the Lake Bole as the discharges entered in column 9 of the statement are for the canals only.

† The area of 28 acres is indirectly irrigated by underground percolation and the revenue of Rs. 52 realized therefrom.

(a) The large figures are explained by the fact that the working expenses include those for the Poona water supply which is a part of the Mutha Canals Project. (b) The high rate is due to high proportion of sugarcane, which is high rated crop on the Godavari, Nira and Mutha Canals.

‡ The average discharge for 2 months only. The tank was dry from June 1918.

§ These tanks are worked only during the monsoon and rabi seasons. Hence the discharge given is for the 8 months and not for 12 months. The discharge from these tanks in the hot weather being uncertain is not accounted for.

¶ Area under consolidated assessment.

Statement of Quantity and Value of Crops irrigated in the Bombay

		(1) PRAVARA RIVER WORKS—PRAVARA R. B. CANAL.		(2) CHANKA PUD TANK— GHANA L. B. CANAL.		(3a) DARNA DAM (LAKE BEALE).		(3b) GODAVARI RIGHT BANK CANAL.	
		Area Irrigated.	Estimated Value.	Area Irrigated.	Estimated Value.	Area Irrigated.	Estimated Value.	Area Irrigated.	Estimated Value.
		Acres.	Rs.	Acres.	Rs.	Acres.	Rs.	Acres.	Rs.
Gardens and Orchards.	Vegetables ...	68	7,413	3	157	...	...	105	5,482
	Fruits and other trees ...	166	45,047	72	8,746	...	...	101	5,258
Sugarcane ...		800	3,17,970	63	22,830	...	...	4,224	28,90,948
Cereals	Wheat ...	357	29,520	1,827	2,34,477	...	...	12,501	7,10,678
	Barley ...	...	...	...	...	...	...	...	...
	Rice ...	10	774	28	3,661	...	...	90	5,480
	Maize ...	272	22,093	177	13,366	...	...	941	1,34,348
	Jowar ...	2,684	1,48,511	47	4,811	...	...	246	34,538
	Chino, Ragi, Rala, Wara ...	...	...	...	...	...	...	1	15
	Bajri ...	1,768	55,717	869	1,12,625	...	...	3,020	1,72,502
Miscellaneous ...		...	...	3	193	...	...	...	...
Pulses	Gram, Udid, Mug... ..	256	15,117	940	1,06,164	...	...	4,025	1,63,023
	Tur ...	...	...	...	...	...	...	2	14
	Peas ...	...	...	3	360	...	...	3	86
	Groundnut ...	89	8,004	57	10,242	...	...	196	13,623
Miscellaneous ...		...	...	...	...	...	...	...	...
Fodder Crops	Fodder ...	131	7,848	131	8,983	...	...	663	1,14,008
	Lucerne, etc. ...	171	57,454	8	1,090	...	...	362	1,27,080
Fibres	Cotton ...	224	24,829	133	22,617	...	...	21	3,056
	Tág (Hemp) ...	9	681	...	...	...	...	79	3,699
Dyes ...		...	...	...	...	...	...	...	...
Drugs and Narcotics	Tobacco ...	4	680	...	...	...	...	6	1,066
	Bhang ...	...	...	...	...	...	...	...	...
Oil-seeds	Mustard, Sesam ...	...	...	...	...	...	...	...	...
	Linseed, Castor-oil ...	2	195	9	666	...	...	7	220
Condiments...	Chilly and Onions ...	57	7,210	4	666	...	...	52	6,064
	Garlic, Turmeric and Methi. ...	16	1,794	18	906	...	...	129	9,416
Miscellaneous ...		...	...	103	...	...	...	...	...
Land insufficiently irrigated		...	...	...	...	352*	...	1,505	...
Total		7,084	7,50,857	4,495	5,52,560	352	...	28,279	44,00,604
Area on which consolidated assessment is levied		...	...	...	...	...	...	...	...

* This area represents the area in the basin of Lake Beale let out for cultivation and measured as per G. R. No. 7200 of 9th August 1912. A uniform rate of Rs. 2 per acre was levied. The areas were not measured distinctly for each crop. Hence areas cannot be classified in respect of different crops and consequently no valuation of crops can be made.

III-E.

Presidency, excluding Sind, during the year 1918-1919.

(3c) GODAVARI LEFT BANK CANAL.		(4) NIRA CANAL, including SHETPHAL TANK.		(5) MHASWAD TANK.		(9) HATHMATI CANAL AND KHARI CUT.		(10) LOWER PANSARA RIVER WORKS.		(11) KADVA RIVER WORKS. Palkhed Canal.	
Area Irrigated.	Estimated Value.	Area Irrigated.	Estimated Value.	Area Irrigated.	Estimated Value.	Area Irrigated.	Estimated Value.	Area Irrigated.	Estimated Value.	Area Irrigated.	Estimated Value.
Acres.	Rs.	Acres.	Rs.	Acres.	Rs.	Acres.	Rs.	Acres.	Rs.	Acres.	Rs.
76	3,508	...	...	98	6,611	...	...	...	...	34	1,636
17	1,818	186	27,200	74	5,696	21	1,260	54	2,054	60	4,426
2,860	18,73,511	11,600	46,40,000	250	1,55,957	254†	2,780	3	404	308	1,07,966
8,548	6,32,642	2,518	3,77,700	319	87,598	84	4,200	383	13,602	472	74,614
...	...	...	...	19	1,208	24	1,200	...	...	...	...
14	847	...	...	210	60,561	146	7,800	1	30	114	16,651
495	60,145	...	...	433	29,076	275	1,100	...	...	17	1,129
324	16,450	15,000	15,00,000	3,013	7,93,708	1,577	63,080	33	1,259	17	862
...	...	...	...	69	2,518	9	270	...	...	...	...
806	58,490	12,000	12,00,000	401	62,555	163	2,445	13	400	299	27,408
...
1,515	74,370	2,300	2,30,000	619	85,915	43	1,290	2	157	151	11,302
4	145	200	20,000	11	1,744	...	...	...	...	...	...
1	5	...	...	...	...	...	...	28	500	...	...
124	8,800	5,000	7,50,000	3,183	5,20,281	7	210	107	10,699	554	55,362
...
427	72,571	700	70,000	261	50,998	...	...	...	...	105	10,515
273	85,351	120	24,000	1	27	...	...	...	...	21	2,910
3	480	330	66,000	378	85,630	117	5,850	61	3,760	...	...
104	5,006	350	35,000	...	...	2	100	...	...	35	2,572
...
13	1,647	20	2,000	1	20	...	...	...	...	18	1,728
...
...	...	...	...	1	236	...	...	...	...	...	...
3	99	...	...	...	...	18	1,440	...	...	...	...
29	8,692	1,850	5,55,000	84	9,817	...	...	...	...	185	50,950
138	8,521	...	...	4	1,207	...	...	2	165	28	2,783
...	...	2,518	1,15,580	2	210	108	1,080	2	100	...	...
1,845	...	...	...	146	...	...	...	6	...	52	...
17,614	29,08,084	54,642	96,12,480	9,577	19,61,631	2,848	93,585	700	33,130	2,470	3,72,814
...	...	...	...	...	...	...	...	1,814	...	...	...

† Actual plantation is 135 acres. Total area charged in different seasons is 254 acres.

STATEMENT

[illegible]

III-E—continued.

(13) MUTHA CANALS, INCLUDING MA'TORA TANK.		(14) EKURU TANK.		(15) KRISHNA CANAL.		(16) WA'ROHOLI TANK.		(17) TRA'NEA-NA- ORA'MMA TANK.		(18) SAVLI TANK.	
Area Irrigated.	Estimated Value.	Area Irrigated.	Estimated Value.	Area Irrigated.	Estimated Value.	Area Irrigated.	Estimated Value.	Area Irrigated.	Estimated Value.	Area Irrigated.	Estimated Value.
Acres.	Rs.	Acres.	Rs.	Acres.	Rs.	Acres.	Rs.	Acres.	Rs.	Acres.	Rs.
745	1,49,000	23	1,030	...	...	...	...	...	...	...	...
831	2,49,300	48	3,600	44	4,400	...	...	...	...	...	...
5,059	25,29,500	427	2,13,500	2,035	16,14,372	...	...	...	...	...	...
158	23,700	332	37,867	325	32,500	...	...	...	...	...	...
1	50	5	250	143	11,840	...	...	...	...	...	...
608	60,800	353	21,180	782	62,560	131	7,860	...	...	34	2,010
248	24,800	41	1,344	86	6,880	27	540	...	...	23	460
1,050	1,05,000	1,892	1,88,200	2,845	2,84,500	5	200	...	...	...	...
1	50	...	...	13	650	2	40	...	...	1	20
2,142	2,14,200	25	1,560	27	1,350	330	16,500	...	...	116	5,800
2,372	2,37,200	...	...	53	2,650	...	...	...	...	...	...
c	...	...	...	...	...	...	...	...	...	...	...
184	18,400	219	12,900	349	21,650	...	...	...	...	...	...
41	4,100	7	448	...	...	...	...	...	...	...	...
4	400	...	...	...	...	...	...	...	...	...	...
144	21,600	685	1,23,387	190	19,000	...	...	...	...	...	...
...	...	1	20	141	14,100	...	...	...	...	...	...
1,957	1,95,700	122	15,250	178	17,800	222	8,880	...	...	106	4,240
247	49,400	3	600	...	...	...	...	...	...	...	...
15	3,000	518	51,900	19	5,700	42	2,100	...	...	1	50
57	5,700	...	...	45	4,500	...	...	...	...	...	...
...
11	1,100	3	300	2	400	...	...	...	...	...	...
16	1,600	...	...	...	...	...	...	...	...	...	...
15	1,500	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	2	40	...	...	...	...
164	49,200	44	5,800	183	26,600	13	650	...	...	...	...
14	1,400	8	2,700	635	3,17,500	...	...	...	...	...	...
807*	41,750	48	...	77	7,700	10†	...	...	...	...	...
352	...	...	...	...	...	...	...	...	...	...	...
17,243	39,88,450	4,804	6,81,906	8,127	24,56,652	784	38,810	...	...	281	12,810
...

* Includes an area of 28 acres indirectly irrigated by underground percolation from the Mutha Right Bank Canal. The areas were not measured distinctly for each crop and the valuation, viz., Rs. 2,800, included in the estimated value, is based on the consideration on the general condition of the crops in the year under report as well as the Bazar rates then prevailing.

† Water was given for ploughing purposes.

				(19) SAHIAT TANK.		(20) FUTELAO TANK.		(21) HABTALA TANK.	
				Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.
				Acres.	Rs.	Acres.	Rs.	Acres.	Rs.
Gardens and Orchards.	{	Vegetables ...	...	...	...	...	...	15	438
		Fruits and other trees ...	...	...	...	...	...	...	...
Sagarcane	...	...	...	...	...	...	...	22	6,675
Cereals	{	Wheat	...	...	...	...	...	244	4,544
		Barley	...	...	...	...	...	...	...
		Rice	...	...	...	...	...	...	...
		Maize	...	...	...	18	900	...	...
		Jowar	...	...	...	...	...	40	1,008
		Chino, Ragi, Rala, Wara...	...	...	...	...	...	...	...
		Bajri	...	...	...	...	...	...	...
		Miscellaneous	...	...	...	...	...	...	...
Pulses	{	Gram, Udid, Mug...	...	...	...	...	...	16	125
		Tur	...	...	...	...	...	...	...
		Peas	...	...	...	...	...	...	...
		Groundnut	...	...	...	...	...	3	300
		Miscellaneous	...	...	...	...	...	...	...
Fodder Crops	{	Fodder	...	98	3,920	...	...	6	100
		Lucerne, etc.	...	...	...	...	...	...	...
Fibres	{	Cotton	...	...	...	...	...	8	300
		Tág (Hemp)	...	...	...	...	...	...	...
Dyes	...	...	...	...	...	...	...	...	...
Drugs and Narcotics.	{	Tobacco	...	...	...	...	...	...	...
		Bhang	...	...	...	...	...	...	...
Oil-seeds	{	Mustard, Sesam	...	...	...	...	...	...	...
		Linseed, Castor-oil	...	...	...	...	...	...	...
Condiments	{	Chilly and Onions	...	9	450	...	...	12	270
		Garlic, Turmeric and Methi.	...	...	...	...	...	...	...
Miscellaneous	...	...	...	...	...	...	...	...	...
Land insufficiently irrigated	...	...	...	...	...	...	...	...	...
Total				107	4,370	18	900	361	13,760
Area on which consolidated assessment is levied				...	...	...	...	...	...

III-E—continued.

(22) MHAUSA TANK.		(23) JA'NDA CANALS.		(24) PARBUL TANK.		(25) PRAVARA RIVER WORKS—PRAVARA L. R. CANAL.		(26) BHA'TODI TANK.	
Area Irrigated.	Estimated Value.	Area Irrigated.	Estimated Value.	Area Irrigated.	Estimated Value.	Area Irrigated.	Estimated Value.	Area Irrigated.	Estimated Value.
Acres.	Rs.	Acres.	Rs.	Acres.	Rs.	Acres.	Rs.	Acres.	Rs.
10	2,885	367	1,68,436	1	31	58	2,521	...	...
...	...	...	...	19	3,487	122	30,591	...	...
...	...	176	69,990	10	3,097	92	43,801	7	3,150
347	14,532	1,260	71,630	68	4,657	27	3,332	24	5,760
...
...	...	44	2,608	...	...	6	401	7	420
...	...	6	165	14	1,082	85	7,166	12	1,560
198	17,043	2,530	1,54,884	...	...	101	9,397	820	2,29,800
...	...	...	...	...	...	1	59	...	...
11	685	160	10,221	66	3,309	1,475	76,286	185	27,750
...
77	1,733	108	5,805	138	8,477	11	669	71	8,695
...
...	...	6	476	...	...	...	...	...	...
6	335	10	816	4	247	7	492	82	43,050
...
3	150	19	444	33	1,482	11	690	...	...
...	...	2	82	...	...	52	9,414	1	1,000
17	1,275	1,191	97,669	172	10,809	174	51,097	18	2,160
...	...	3	114	...	...	1	75	...	...
...
1	200	1	52	...	...	2	728	...	...
...	...	...	...	...	...	...	...	71	10,650
...
...	...	2	60	...	...	...	...	...	...
...
...	...	51	6,789	...	...	10	1,295	26	4,550
...	...	7	209	24	1,413	...	...	...	...
...	...	...	...	...	...	...	...	16	8,800
...	...	...	...	6	...	...	...	...	...
670	33,838	5,943	5,90,450	555	37,591	2,285	2,37,964	1,340	3,47,045
...

				(27) KÁSURI TANK.		(28) SHIRSUPHAL TANK.		(29) BRÁDALVÁDI TANK.	
				Area Irrigated.	Estimated Value.	Area Irrigated.	Estimated Value.	Area Irrigated.	Estimated Value.
				Acres.	Rs.	Acres.	Rs.	Acres.	Rs.
Gardens and Orchards.	{	Vegetables	...	...	...	5	500	2	200
		Fruits and other trees	...	1	100	19	3,800	2	600
Sugarcane	...	...	...	6	1,800	28	11,200	137	54,800
Cereals	{	Wheat	...	...	...	47	4,700	38	5,700
		Barley	...	...	...	...	...	...	...
		Rice	...	...	...	1	100	23	2,300
		Maize	...	...	...	...	...	...	...
		Jowár	...	...	...	581	58,100	112	11,200
		Chino, Rági, Rála, Wars...	...	...	...	...	...	1	100
		Báji	...	...	...	135	13,500	81	8,100
		Miscellaneous	...	...	...	642	64,200	876	87,600
Pulses	{	Gram, Udid, Mug...	...	...	...	43	4,300	35	3,500
		Tur	...	...	...	5	500	10	1,000
		Peas	...	...	...	...	...	...	...
		Groundnut	...	...	...	23	3,450	41	6,150
		Miscellaneous	...	...	...	...	...	...	...
Fodder Crops	{	Fodder	...	...	...	...	...	...	...
		Lucerne, etc.	...	...	...	31	3,100	1	100
Fibres	{	Cotton	...	...	...	63	6,300	9	900
		Tág (Hemp)	...	...	...	...	...	...	...
Dyes	...	...	...	...	...	...	...	...	...
Drugs and Narcotics.	{	Tobacco	...	...	...	2	200	...	...
		Bháng	...	...	...	...	...	...	...
Oil-seeds	{	Mustard, Sesam	...	...	...	...	...	...	...
		Linseed, Castor-oil	...	...	...	...	...	...	...
Condiments	{	Chilly and Onions	...	...	...	14	2,100	3	450
		Garlic, Turmeric and Methi	...	...	...	...	...	...	...
Miscellaneous	...	...	...	...	...	11	1,100	19	1,900
Land insufficiently irrigated...				...	...	5	...	...	...
Total				7	1,900	1,635	1,77,150	1,890	1,84,600
Area on which consolidated assessment is levied				...	...	...	...	...	...

				(36) CHIKHOLI CANAL.		(37) MAINI TANK.		(38) MUCHKUNDI TANK.		(39) GADIKERI TANK.		(40) GOKAK CANAL, 1ST SECTION, AND STORAGE WORKS.	
				Area irrigated.	Esti- mated Value.	Area irrigated.	Esti- mated Value.	Area irrigated.	Esti- mated Value.	Area irrigated.	Esti- mated Value.	Area irrigated.	Esti- mated Value.
				Acres.	Rs.	Acres.	Rs.	Acres.	Rs.	Acres.	Rs.	Acres.	Rs.
Gardens and Orchards.	{	Vegetables	...	...	...	...	...	...	...	...	...	45	2,250
		Fruits and other trees	...	2	200	19	3,800	...	...	...	...	50	5,000
Sugarcane	...	...	...	35	27,844	46	35,880	...	...	...	...	338	75,712
Cereals	{	Wheat	...	...	...	70	5,192	...	...	...	...	...	...
		Barley	...	14	1,120	...	...	...	...	...	...	161	7,728
		Rice	...	4	320	16	640	...	...	...	...	212	13,568
		Maize	...	2	160	44	1,408	...	...	...	...	2,895	1,21,590
		Jowar	...	18	1,800	1,170	1,71,990	...	...	...	...	2,486	1,19,328
		Chino, Ragi, Rala, Wara...	...	...	...	21	1,344	...	...	...	...	400	9,600
Pulses	{	Bajri	...	...	...	319	20,097	...	...	...	...	32	192
		Miscellaneous	...	5	250	...	...	...	...	...	...	...	...
		Gram, Udid, Mug...	...	11	1,100	313	65,730	...	...	...	...	146	2,336
		Tur	...	...	...	...	...	...	...	...	...	29	435
		Peas	...	...	...	...	...	...	...	...	...	...	...
Fodder Crops.	{	Groundnut	...	...	...	178	14,240	...	...	...	...	58	482
		Miscellaneous	...	3	300	...	...	...	...	...	...	...	...
Fodder Crops.	{	Fodder	...	1	100	...	...	...	...	...	...	...	...
		Lucerne, etc.	...	...	...	...	...	...	...	...	...	...	...
Fibres	{	Cotton	...	5	1,500	1	200	...	...	...	...	308	19,250
		Tág (Hemp)	...	...	...	...	...	...	...	...	...	242	4,840
Dyes	...	...	...	...	...	...	...	...	...	...	...	...	...
Drugs and Narcotics.	{	Tobacco	...	...	...	2	1,230	...	...	...	...	...	...
		Bhang	...	...	...	...	...	...	...	...	...	...	...
Oil-seeds	{	Mustard, Sesam	...	...	...	...	...	...	...	...	...	...	...
		Linseed, Castor-oil	...	...	...	...	...	...	...	...	...	1	8
Condiments	{	Chilly and Onions	...	24	7,200	19	1,580	...	...	...	...	780	99,840
		Garlic, Turmeric and Methi.	...	48	24,000	7	1,296	...	...	...	...	2	64
Miscellaneous	...	...	...	2	200	51	1,140	...	...	...	...	910	1,820
Land insufficiently irrigated	...	...	...	...	...	...	...	...	...	...	...	...	...
Total				174	66,094	2,276	3,25,817	...	...	...	...	9,095	4,84,043
Area on which consolidated assessment is levied				...	...	...	...	...	...	377	...	...	...

III-E—concluded.

(41) DANIEL TANK.		(42) MEDLERI TANK.		(43) MADAG TANK.		(44) ASUNDI TANK.		(45) MÁVINKOP TANK.		(46) DHARMA CANAL.		TOTAL.	
Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.
Acres.	Rs.	Acres.	Rs.	Acres.	Rs.	Acres.	Rs.	Acres.	Rs.	Acres.	Rs.	Acres.	Rs.
19	346	3	90	14	1,085	24	1,866	...	...	...	...	1,798	3,59,349
3	29	32	3,882	2	183	1	80	...	...	...	...	2,098	4,49,570
15	769	12	1,610	1	208	42	5,933	...	...	...	...	29,742	1,49,45,036
...	...	...	...	...	...	...	...	...	...	...	...	81,614	25,37,854
...	...	...	...	...	...	...	...	...	...	...	...	407	24,388
2	26	...	...	392	11,763	...	...	...	...	16	800	3,847	3,31,882
...	...	...	...	...	...	...	...	...	...	...	...	6,509	4,53,727
85	2,300	3	60	...	...	16	321	...	...	...	...	43,536	42,77,461
9	180	...	...	3	37	6	110	...	...	...	...	652	18,179
...	...	...	...	...	...	...	...	...	...	...	...	25,703	21,51,976
...	...	...	...	...	...	...	...	...	...	...	...	3,951	3,92,093
4	8	...	...	2	33	...	...	...	...	...	...	13,022	10,18,589
...	...	...	...	...	...	...	...	...	...	...	...	339	29,185
...	...	...	...	...	...	...	...	...	...	...	...	45	1,827
...	...	...	...	...	...	...	...	...	...	...	...	11,654	16,99,393
...	...	...	...	...	...	...	...	...	...	...	...	156	14,505
...	...	...	...	...	...	...	...	...	...	...	...	5,410	6,14,373
...	...	...	...	...	...	...	...	...	...	...	...	1,653	3,95,688
33	102	...	...	13	1,044	1	40	...	...	...	...	3,324	5,71,245
...	...	...	...	...	...	1	30	...	...	...	...	983	65,899
...
...	...	...	...	...	...	...	...	...	...	...	...	92	13,008
...	...	...	...	...	...	...	...	...	...	...	...	87	12,256
27	412	...	...	...	...	...	...	...	...	...	...	47	2,161
...	...	...	...	...	...	...	...	...	...	...	...	44	2,711
6*	...	5	468	190	10,533	37	1,994	...	...	...	...	4,215	9,28,041
27	112	...	...	263	14,979	11	472	...	...	...	...	1,594	4,03,401
...	...	...	...	16	...	...	...	...	...	...	...	5,183	2,19,991
...	...	...	...	...	...	...	...	...	...	...	...	4,334	...
230	4,284	55	6,110	896	39,865	139	10,846	...	...	16	800	2,03,040	3,19,33,651
144	...	...	...	...	...	190	...	577	...	7,861	...	10,963	...

* The crops were eaten up by insects while young.

STATEMENT

Comparative Statement of Irrigation and Rainfall for the years 1917-1918

Civil District.	OF THE CIVIL DISTRICT.			WORKS SUPPLYING IRRIGATION.		Culturable area commanded by the Irrigation Works in Column 6 in Acres.
	Total area in Acres.	Culturable area in Acres.	Cultivated area in Acres.	No.	Name.	
1	2	3	4	5	6	7
Ahmedabad ...	Acres. 2,451,927	Acres. 1,822,212	Acres. 825,698	9	{ Hathmati Canal Khatri Cut " Total ...	Acres. 28,840 20,000 48,840
Kaira	1,027,119	871,007	661,243	{ 16 Wangroli Tank 17 Tranza-Nagrama Tanks 18 Savli Tank 19 Saiat " Total ...	5,000 1,290 4,700 4,000 14,990	
Panch Mahals ...	1,028,987	707,815	392,991	20	Futelo Tank	1,200
West Khándesh..	3,481,246	1,740,221	1,125,125	10	Lower Pánjhra River Works... ..	12,627
Eas Khándesh ...	2,908,601	2,125,529	1,950,105	{ 21 Hartale Tank 22 Mhásava " 23 Jámada Canals Total ...	527 4,075 40,185 44,787	
Poona District	3,421,521	2,539,645	1,033,201	{ 4 Nira Canal and Shetphal Tank 18 Mutha Canals including Mátoba Tank 27 Kásurdi Tank 28 Shirsaphal " 29 Bhádálvádi " Total ...	227,670 49,800 478 2,500 2,400 282,848	
Nasik District ...	3,768,870	2,554,173	1,543,506	{ 2 Chankapur Tank—Girna Left Bank Canal. 11 Kádva River Works. { Wághad Tank O j h á r T á m b á t Canal Wádál Canal 24 Parsul Tank 3 Godavari River Works— { Lake Beale Dam Godavari Right Bank Canal Godavari Left Bank Canal Total ...	15,109 26,280 7,421 2,729 3,197 83,000 137,736	
Ahmednagar Dis- ict.	4,241,861	3,249,639	1,792,020	{ 3 Godavari River Works— { Godavari Right Bank Canal Godavari Left Bank Canal 1 Pravara Right Bank Canal 12 Láksh Canal 25 Pravara Left Bank Canal 26 Bhátodi Tank Total ...	136,890 60,000 25,636 21,155 18,667 256,738	
Sholápur District.	2,916,026	2,581,818	1,860,511	{ 5 Mhaswad Tank 14 Ekrúk " 30 Koregaon " 31 Ashti " 32 Páthri " Total ...	102,400 16,941 2,394 16,826 4,586 143,146	

IV-E.

and 1918-1919 in the Bombay Presidency, excluding Sind.

Area at present estimated as annually irrigable by the works specified in Column 6.	AREA IRRIGATED IN ACRES.						RAINFALL.		REMARKS.
	1917-1918.			1918-1919.			1917-1918.	1918-1919.	
	Kharif.	Rabi.	Total.	Kharif.	Rabi.	Total.			
	8	9	10	11	12	13	14	15		16	17
Acres. 8,000 16,000	Acres. 1,075 9,121	Acres. 4,569 1,849	Acres. 5,644 10,470	Acres. 1,194 1,393	Acres. 259 2	Acres. 1,453 1,395	Inches. 47.23 49.53	Inches. 7.18 9.36	At Prantij. At Ahmedabad Civil Hospital.
24,000	10,196	5,918	16,114	2,587	261	2,848			
3,400 800 3,000 2,000	88 ... 91 2	200 30 29 146	283 30 120 148	784 ... 231 107	... ... 231 ...	784 ... 231 107	51.90 53.62 52.90 53.34	8.31 4.17 6.73 8.34	Rain-gauges fixed on the tanks.
9,200	176	405	581	1,172	...	1,172			
800	...	45	45	18	...	18	43.69	12.34	
12,627	54 *1,195	816 *619	870 *1,814	330 *1,197	370 *617	700 *1,814	23.56	8.40	* Area under consolidated assessment.
415 1,700 5,000	23 26 558	73 154 926	101 180 1,484	197 296 4,647	164 374 1,296	361 670 5,943	29.67 26.24 28.98	12.62 13.14 9.11	
7,115	612	1,153	1,765	5,140	1,834	6,974			
113,280 4,200 16,800	25,897 2,771 11,104	5,313 470 799	31,210 3,241 11,903	31,994 3,251 13,223	17,888 1,511 2,077	49,880 4,762 15,305	24.21 28.68 31.97	11.20 9.44 14.68	
3,250 160 1,800 2,000	1,217 18 589 860	678 48 274 129	1,893 66 883 989	1,816 7 751 1,083	294 ... 904 887	1,910 7 1,655 1,390	22.21 18.39 21.06 23.36	5.13 3.14 9.66 14.43	
141,480	42,456	7,709	50,165	61,850	23,069	74,909			
5,100	1,716	1,757	3,473	1,737	2,758	4,495	15.34	6.66	
... 9,837	... 1,275	... 1,250	... 2,525	... 1,731	... 739	... 2,470	... 24.68	... 11.82	
2,367 2,433	808 339	373 323	1,181 662	703 736	277 509	980 1,245	16.68 16.31	8.76 7.41	
1,000	446 317	671 336	1,117 653	520 214	35 108	555 352	10.52 31.51	3.96 13.33	
30,109	900 645	1,174 1,278	2,074 1,923	941 938	2,667 4,546	3,608 5,484	16.15 16.15	8.15 8.15	
50,846	6,446	7,162	13,608	7,550	11,639	19,189			
49,331	5,443	7,414	12,857	7,665	17,008	24,671	16.15	8.15	
24,656 11,280 14,768 12,124	2,209 2,042 593 816 139	2,666 1,598 215 933 641	4,875 3,630 841 1,809 780	3,684 5,270 404 2,119 431	8,446 1,814 559 116 909	12,130 7,084 963 2,235 1,340	16.15 24.05 26.29 24.05 34.04	8.15 12.91 14.20 12.91 14.43	
112,154	11,242	13,650	24,792	19,728	23,695	43,423			
24,300 16,941 1,050 11,780 2,500	3,636 1,770 86 1,217 133	2,080 614 422 1,039 1,016	5,766 2,384 508 2,256 1,152	4,671 2,330 163 1,540 361	4,484 2,471 87 4,093 1,075	9,055 4,804 250 5,638 1,436	23.91 33.49 23.07 26.78 35.89	10.77 9.73 8.09 12.68 8.90	
56,571	6,895	5,171	12,066	8,965	12,218	21,183			

§ The Godavari Canals project is complete and hence the area irrigable at present is the same as projected.
 † Area indirectly irrigated by under ground percolation from the Matha Right Bank Canal.

STATEMENT

Civil District.	OF THE CIVIL DISTRICT.			WORKS SUPPLYING IRRIGATION.		Culturable area commanded by the Irrigation Works in Column 6 in Acres.
	Total area in Acres.	Culturable area in Acres.	Cultivated area in Acres.	No.	Name.	
1	2	3	4	5	6	7
Sátara ...	8,140,970	2,360,442	2,328,925	5	Mhaswad Tank	3,814
				15	Krishna Canal	28,458
				33	Bevéri "	3,624
				34	Upper Mán River Works	7,823
				35	Yrta River Irrigation Works	10,880
				36	Chikhli Canal	1,478
				37	Maini Tank	4,625
					Total	58,237
Bijápur ...	3,552,827	8,283,103	2,909,272	38	Muchkundi Tank	5,417
Belgaum ...	2,952,485	2,289,831	1,599,396	39	Gadikeri Tank	Not known
				40	Gokák Canal, 1st Section and Storage Works	17,627
					Total	17,627
Dhárwár ...	2,946,961	2,462,112	2,115,723	41	Dámbal Tank	2,600
				42	Medleri "	880
				43	Madag "	1,945
				44	Asundi "	1,011
				45	Dharma Canal	12,870
					Total	18,556
Kánara ...	2,526,954	381,466	338,262	45	Mávinkop Tank	755
	40,466,355	28,898,513	20,475,678		Grand Total	1,043,564

IV-E—concluded.

Area at present estimated as annually irrigable by the works specified in Column 6.	AREA IRRIGATED IN ACRES.						RAINFALL.		Remarks.	
	1917-18.			1918-19.			1917-18.	1918-19.		
	Kharif.	Rabi.	Total.	Kharif.	Rabi.	Total.				
	8	9	10	11	12	13	14	15		16	17
Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Inches.	Inches.		
500	127	141	268	184	338	522	22-06	10-75		
12,320	2,914	590	3,504	5,580	2,597	8,127	22-45	11-51		
1,920	242	479	721	239	222	461	22-25	14-16		
2,060	464	388	852	413	696	1,109	13-08	10-43		
5,480	846	2,194	3,040	1,606	2,890	4,496	17-67	10-24		
1,478	228	65	293	141	33	174	17-92	15-44		
4,625	447	1,386	1,833	706	1,570	2,276	20-29	11-88		
28,403	5,268	5,243	10,511	8,819	8,346	17,165				
750	...	...	...	...	...	...	18-25	16-16		
417	377*	...	377*	377*	...	377*	29-20	26-14		
17,627	4,795	1,746	6,541	5,206	3,889	9,095	20-20	18-48		
18,044	4,795	1,746	6,541	5,206	3,889	9,095				
	377*		377*	377*		377*				
1,000	99	54	153	177	53	230	25-00	15-05		
	144*		144*	144*		144*				
600	72	1	73	45	10	55	27-74	11-86		
1,345	331	256	587	685	211	896	29-24	22-00		
1,011	90	40	130	117	22	139	26-01	14-23		
		190*	190*		190*	190*				
12,870	627	...	627	16	...	16	72-64	49-62		
	7,504*	357*	7,861*	7,504*	357*	7,861*				
16,826	1,219	351	1,570	1,040	296	1,336				
	7,648*	547*	8,195*	7,648*	547*	8,195*				
617	388*	...	388*	577*	...	577*	No rain-gauge.			
479,433	89,359	49,269	138,628	112,405	90,607	203,012				
	9,608*	1,166*	10,774*	9,799*	1,164*	10,963*				

* Area under consolidated assessment.

† Area indirectly irrigated by underground percolation from the Mutha Right Bank Canal.

STATEMENT F.

Statement showing the Operation of Irrigation Works in the Bombay Presidency, excluding Sind, for the year 1918-1919.

No.	Names of Works.	AMOUNT DUE, 1918-1919.		REMISSIONS.		TOTAL.		Grand Total.	Remarks.
		Kharif.	Rabi.	Kharif.	Rabi.	Kharif.	Rabi.		
1	2	3	4	5	6	7	8	9	10
	MAJOR WORKS.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
	<i>Protective Works.</i>								
1	Pravara River Works—Pravara Right Bank Canal ...	12,348	5,885	...	...	12,348	5,885	17,731	
2	Chambapur Tank—Girna Left Bank Canal ...	7,178	13,839	...	...	7,178	13,839	21,017	
3	Lake Beale (Darna Dam) ...	648	261	...	...	648	261	909	
3	Godavari Right Bank Canal ...	1,95,352	1,01,140	...	...	1,95,352	1,01,140	2,96,492	
4	Godavari Left Bank Canal ...	1,40,909	67,594	...	...	1,40,909	67,594	2,08,503	
4	Nira Canal and Shetphal Tank combined ...	5,21,063	1,13,066	157	...	5,20,906	1,13,056	6,33,962	
5	Mhaswad Tank ...	26,098	24,419	...	...	26,098	24,419	50,517	
	Total ...	9,03,294	3,25,694	157	...	9,03,187	3,25,694	12,28,881	
	<i>Productive Works.</i>								
9	Hathmati and Khari Out Canals combined ...	3,878	498	295	...	3,583	498	4,081	
10	Lower Pánjhra River Works ...	7,708	4,965	...	...	7,708	4,965	12,673	
	Waghed Tank ...	...	...	...	...	...	...	...
11	Kádva River ...	15,448	5,305	...	...	15,448	5,305	20,748	
	Palkhed Canal ...	...	...	...	...	...	...	...
	Olhar Tánbat Works ...	7,758	1,375	...	...	7,758	1,375	9,133	
	Canal ...	6,417	2,896	...	...	6,417	2,896	9,313	
12	Pravara River Works—Lákh Canal ...	884	789	...	...	884	789	1,673	
13	Mutha Canals and Mátoba Tank combined ...	2,34,736	16,004	460	...	2,34,276	16,004	2,50,280*	
14	Ekrak Tank ...	24,510	13,084	...	...	24,510	13,084	37,594	
15	Krishna Canal ...	71,544	13,231	...	...	71,544	13,231	84,775	
	Total ...	3,72,878	58,147	755	...	3,72,123	58,147	4,30,270	
	Total, Major Works ...	12,76,172	3,83,841	912	...	12,75,260	3,83,841	16,59,101	
	MINOR WORKS AND NAVIGATION.								
16	Wangrol Tank ...	2,015	...	...	...	2,015	...	2,015	
17	Tranza-Nagramma Tanks ...	...	...	...	...	...	...	...
18	Savli Tank ...	608	...	...	...	608	...	608	
19	Sabhat do. ...	608	...	...	...	608	...	608	
20	Futelo do. ...	35	...	...	...	35	...	35	
21	Hartala do. ...	644	355	...	...	644	355	999	
22	Mhasva do. ...	689	875	...	...	689	875	1,564	
23	Jámda Canals ...	13,711	4,832	...	...	13,711	4,832	18,543	
24	Paras Tank ...	1,381	209	...	...	1,381	209	1,590	
25	Pravara River Works—Pravara Left Bank Canal ...	4,408	119	...	...	4,408	119	4,527	
26	Bhátodi Tank ...	2,134	4,358	...	...	2,134	4,358	6,492	
27	Kásurdi do. ...	60	...	...	...	60	...	60	
28	Shirsapal do. ...	3,260	3,640	...	...	3,260	3,640	6,900	
29	Bhádalyádi do. ...	5,531	1,648	...	...	5,531	1,648	7,179	
30	Koregaon do. ...	714	136	...	...	714	120	840	
31	Ashti do. ...	2,774	21,717	26	...	9,748	21,717	31,465	
32	Páthri do. ...	1,587	4,777	...	...	1,587	4,777	6,364	
33	Revári Canal ...	1,607	927	22	36	1,585	891	2,476	
34	Upper Mán River Works ...	2,415	3,158	...	...	2,415	3,158	5,573	
35	Yerla River Irrigation Works ...	9,099	13,537	3	6	9,096	13,531	22,627	
36	Chikhli Canal ...	653	377	...	...	653	377	1,030	
37	Maini Tank ...	1,979	7,076	...	...	1,979	7,076	9,055	
38	Muchkundi Tank ...	...	...	...	...	...	...	...
39	Gadikeri do. ...	...	...	...	...	...	...	...
40	Gokák Canal, 1st Section, and Storage Works ...	26,765	19,921	...	...	26,765	19,921	46,686	
41	Dámál Tank ...	908	158	...	...	908	158	1,066	
42	Medleri do. ...	639	43	...	...	639	43	682	
43	Madag do. ...	1,716	836	...	...	1,716	836	2,552	
44	Asundi do. ...	612	99	...	...	612	99	711	
45	Mavinkop do. ...	...	...	...	...	...	...	...
46	Dharma Canal ...	83	...	...	...	83	...	86	
	Total, Minor Works ...	93,635	88,788	51	42	93,584	88,746	1,82,330	
	GRAND TOTAL ...	13,69,807	4,72,629	963	42	13,68,844	4,72,687	18,41,431	

* In addition to this Rs. 2,13,346 were due from the Poona water supply for this year. The Poona water supply revenue is creditable to Mutha Canal.

STATEMENT I-F.

Statement showing water-rates per acre in force during 1918-1919 on Irrigation Works in the Bombay Presidency, excluding Sind.

No.	Names of Works.	WATER-RATES.							Single water- ing.	Coupler's rate.	Owner's rate.	Water admi- nistr- ator's rate.	Remarks.
		Irriga- tion in blocks.	Perennial.	Early eight months.	Mon- soon four months.	Rabi four months.	Hot weather.	Miscel- lanous.					
1	2	3	4	5	6	7	8	9	10	11	12	13	14
	MAJOR WORKS.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.				
	Protective Works												
*1	Pravara River Works— Pravara Right Bank Canal (a) §	...	...	...	2	3	4	...	1				(c) Sanctioned till an assured supply of water can be given from the Reservoir at Bhandardara. <i>Vide</i> Government Resolutions No. A.I.—1909, dated 1st September 1910, No. A. I.—2496, dated 8th March 1913 and No. A.I.—1087, dated 2nd November 1917.
2	Girna Left Bank Canal (b) §	...	14	8	3	5	6	...	1				(c) Rates sanctioned in Government Resolutions Nos. A.I.—1431 and 1904, dated 26th June 1910 and 4th October 1911 respectively.
3	Godavari Right Bank Canal (c) §	...	22½	12	3	5	7	...	(A) 1				(c) Sanctioned in Government Resolution No. A. I.—6311, dated 27th June 1917 for a period of 6 years, ending 14th February 1924.
	Godavari Left Bank Canal (c) §	...	...	...	...	...	...	...	(B) 2				The rate of Rs. 5 per acre for land set out for cultivation in the basin of Lake Boda, sanctioned in G. R. No. A.I.—2300, dated 9th August 1913 up to the 1st June 1917 was assessed also during 1918-19.
4	Nira Canal (c) ...	...	16 (20)	45	30	...	...	...	(d) 1				(A) From 16th June to 14th February for ordinary crops and (B) from 14th February to 14th June for ordinary crops and for Sugarcane and Pan gardens throughout the whole year as sanctioned in Government Resolutions No. A.I.—1526, dated 26th July 1911 and No. A.I.—4514, dated 18th May 1912.
	Shetphal Tank (c) ...	...	...	...	...	...	...	...	(d) *2				(d) Sanctioned in Government Resolution No. A.I.—2213, dated 16th October 1910.
5	Mhaswad Tank § (e) ...	...	14	8	3	5	6	...	1				(e) Rates 10 till 14th February 1918 and after that date Rs. 20 for five years ending 14th February 1924, <i>vide</i> Government Resolution No. A.I.—679, dated 24th January 1918.
	Productive Works.												A For Sugarcane. B For Pan-gardens. * For Sugarcane and Pan gardens. † For Perennial crops other than Sugarcane and Pan gardens.
6	Hathmati Canal (m) ...	...	10	3	1	2	6	...	2				(c) Sanctioned for a period of six years with effect from 15th February 1918, <i>vide</i> Government Order No. A.I.—1576, dated 12th February 1918.
7	Khari Cut Canal (m) ...	...	14	7	1	5	6	...	2				(m) Rates sanctioned until further orders, <i>vide</i> Government Resolution No. 156 A.I.—1113, dated 12th July 1914.
10	Lower Pánjhra River Works (f) ...	...	...	8	2	4	6	...	1				(f) In force for 6 years ending 31st March 1921, <i>vide</i> Government Resolution No. A.I.—7063, dated 7th July 1916.
11	Godavari River Works— (Palkhed Canal ...) (Ojha-Tambhat ...) (Wadali Canal ...)	...	(g) * 26 † 13	7	2	5	6	...	2	NIL	NIL		(g) Rates sanctioned in Government Resolution No. A. I.—4194 or 7th April 1914, for areas outside leased areas to be in force for 5 years ending the 15th June 1918. These rates also apply to the leased areas from the 15th February 1918, the date of expiry of the period of the lease in question.
12	Pravara River Works—Lakh Canal (a) ...	...	8	4	1	2	4	...	...				(h) Sanctioned in Government Resolution No. A.I.—12037, dated 11th December 1918, for one year ending 31st March 1919 or until the improved supply of water from Lake Arthur Hill is available.
	Sugarcane under the Mutha Canal within the Poona City and Suburban Municipality and Cantonment limits or within one mile of those limits.	...	50	...	...	...	...	...	...				† This rate is levied in proportion to the time for which water is supplied, according to the scale laid down in Note (c) to the schedule attached to Government Resolution No. A.I.—2213, dated 16th October 1910, <i>vide</i> Government Resolution No. A.I.—6007, dated 27th May 1919.
13	Sugarcane on all remain- ing land commanded by both the canals.	...	45	12	3	5	7	...	1				(i) The perennial rate of Rs. 15 in force till 15th February 1919 and all other rates to be in force for a period of six years ending 15th February 1924, <i>vide</i> Government Order No. A.I.—6109, dated 19th June 1917 and No. A.I.—6708, dated 4th October 1918.
	Sugarcane under the Mutha Tank.	...	45†	...	...	...	...	...	*2				(n) Sanctioned for a term of 10 years or up to 15th June 1920, <i>vide</i> Government Resolution No. A. I.—2205, dated 14th November 1919.
	Pan gardens ...	...	30	...	...	...	...	...	...				(e) Rates sanctioned in Government Resolution No. A. I.—1839, dated 8th September 1910, are continued up to 15th June 1920, <i>vide</i> Government Order No. A.I.—6000, dated 14th September 1917.
	Perennial crops other than Sugarcane and Pan gardens.	...	22½	...	...	...	...	...	...				(p) Rates sanctioned in Government Resolution No. A. I.—1128, dated 15th May 1910 are to continue up to 31st July 1920 <i>vide</i> Government Resolution No. A. I.—1016, dated 14th September 1915.
14	Ehrak Tank (a) §	...	15 17½	8	3	5	7	...	1				(g) Rates sanctioned in Government Resolution No. A.I.—1355, dated 14th June 1910 are to continue up to 15th June 1920, <i>vide</i> Government Resolution No. A. I.—227, dated 10th January 1918.
15	Krishna Canal (n) ...	...	15† 30*	8	3	5	7	...	1				
	MINOR WORKS AND NAVI- GATION.												
16	Wangrol Tank (o) ...	...	...	6½	2½	4	6	For rice	1½				
17	Tranra-Nagrauma Tanks (p) ...	...	...	6	2	4	6	For rice	1				
18	Savali Tank (q) ...	...	...	8	4	4	6	...	1				

Note—(1) For lift irrigation half the ordinary rates are charged.
(2) Double the ordinary rates are charged as penal rates for taking water without permission.
(3) Leakage or percolation rates are the same as ordinary rates.

(4) Water rate for non-irrigational purposes should not be less than Re. 1 per 10,000 cubic feet, *vide* Government Resolutions No. A.I.—679, dated 26th January 1918 and No. A.I.—7094, dated 7th July 1918.

(5) Re. 2 per acre to be charged for single watering given to those who are not regular irrigators or holders of sub-leases *vide* Government Resolution No. A.I.—1759, dated 6 July 1910 and Government Order No. A.I.—2326, dated 3rd March 1916.

§ For Sugarcane and Pan gardens double the ordinary rates are charged.

STATEMENT F.

Statement showing the Operation of Irrigation Works in the Bombay Presidency, excluding Sind, for the year 1918-1919.

No.	Names of Works.	AMOUNT DUE, 1918-1919.		REMISSIONS.		TOTAL.		Grand Total.	Remarks.
		Kharif.	Rabi.	Kharif.	Rabi.	Kharif.	Rabi.		
1	2	3	4	5	6	7	8	9	10
	MAJOR WORKS.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
	<i>Protective Works.</i>								
1	Pravara River Works—Pravara Right Bank Canal ...	12,346	5,385	...	...	12,316	5,385	17,731	
2	Chankapur Tank—Girna Left Bank Canal ...	7,178	13,839	...	...	7,178	13,839	21,017	
	Lake Beale (Darna Dam) ...	648	261	...	...	648	261	909	
3	Godavari Right Bank Canal ...	1,95,352	1,01,140	...	...	1,95,352	1,01,140	2,96,492	
	Godavari Left Bank Canal ...	1,40,609	67,594	...	...	1,40,609	67,594	2,08,203	
4	Nira Canal and Shetphal Tank combined ...	5,21,063	1,13,056	157	...	5,20,906	1,13,056	6,33,962	
5	Mhasvad Tank ...	26,098	24,419	...	...	26,098	24,419	50,517	
	Total ...	9,08,294	3,25,694	157	...	9,08,137	3,25,694	12,28,831	
	<i>Productive Works.</i>								
9	Hathmati and Khari Cut Canals combined ...	3,878	498	295	...	3,583	498	4,081	
10	Lower Panjhra River Works ...	7,708	4,965	...	...	7,708	4,965	12,673	
	Waghad Tank ...	...	...	...	...	...	...	...
11	Kadva River Works ...	15,448	5,305	...	...	15,448	5,305	20,748	
	Palkhed Canal ...	...	...	...	...	...	...	...
	Ojhar Tambet Canal ...	7,768	1,375	...	...	7,768	1,375	9,133	
	Waddi Canal ...	6,417	2,896	...	...	6,417	2,896	9,313	
12	Pravara River Works—Lakh Canal ...	884	789	...	...	884	789	1,673	
13	Mutha Canals and Malsoba Tank combined ...	2,34,738	16,004	460	...	2,34,276	16,004	2,50,280*	
14	Ekrak Tank ...	24,510	13,084	...	...	24,510	13,084	37,594	
15	Krishna Canal ...	71,544	13,231	...	...	71,544	13,231	84,775	
	Total ...	3,72,878	58,147	755	...	3,72,123	58,147	4,30,270	
	Total, Major Works ...	12,76,172	3,83,841	912	...	12,75,260	3,83,841	16,59,101	
	MINOR WORKS AND NAVIGATION.								
16	Wangroli Tank ...	2,015	...	...	...	2,015	...	2,015	
17	Tranra-Nagramma Tanks ...	...	...	...	...	...	...	...
18	Savli Tank ...	608	...	...	...	608	...	608	
19	Sahit do. ...	608	...	...	...	608	...	608	
20	Futelo do. ...	35	...	...	...	35	...	35	
21	Hartala do. ...	644	355	...	...	644	355	999	
22	Mhasva do. ...	689	875	...	...	689	875	1,564	
23	Jamda Canals ...	13,711	4,832	...	...	13,711	4,832	18,543	
24	Parvel Tank ...	1,381	209	...	...	1,381	209	1,590	
25	Pravara River Works—Pravara Left Bank Canal ...	4,408	119	...	...	4,408	119	4,527	
26	Bhatodi Tank ...	2,134	4,358	...	...	2,134	4,358	6,492	
27	Kasurdi do. ...	60	...	...	...	60	...	60	
28	Shirsuphal do. ...	3,260	3,640	...	...	3,260	3,640	6,900	
29	Bhadalvadi do. ...	5,531	1,648	...	...	5,531	1,648	7,179	
30	Koregaon do. ...	714	126	...	...	714	126	840	
31	Ashti do. ...	9,774	21,717	26	...	9,748	21,717	31,465	
32	Pathri do. ...	1,587	4,777	...	...	1,587	4,777	6,364	
33	Revári Canal ...	1,607	927	22	36	1,585	891	2,476	
34	Upper Man River Works ...	2,415	3,158	...	...	2,415	3,158	5,573	
35	Yerla River Irrigation Works ...	9,099	13,537	3	6	9,096	13,531	22,627	
36	Chikhi Canal ...	653	377	...	...	653	377	1,030	
37	Maini Tank ...	1,979	7,076	...	...	1,979	7,076	9,055	
38	Muehkundi Tank ...	...	...	...	...	...	...	...
39	Gadikeri do. ...	...	...	...	...	...	...	...
40	Gokak Canal, 1st Section, and Storage Works ...	26,765	19,921	...	...	26,765	19,921	46,686	
41	Damal Tank ...	908	158	...	...	908	158	1,066	
42	Mederi do. ...	639	43	...	...	639	43	682	
43	Madag do. ...	1,716	836	...	...	1,716	836	2,552	
44	Asundi do. ...	612	99	...	...	612	99	711	
45	Mavinkop do. ...	...	...	...	...	...	...	...
46	Dharma Canal ...	83	...	...	...	83	...	83	
	Total, Minor Works ...	93,635	88,788	51	42	93,584	88,746	1,82,330	
	GRAND TOTAL ...	13,69,807	4,72,629	963	42	13,68,844	4,72,587	18,41,431	

* In addition to this Rs. 2,18,346 were due from the Poona water supply for this year. The Poona water supply revenue is creditable to Mutha Canals.

STATEMENT G.

STATEMENT

Statement showing Areas and Water-rate Assessments in the Bombay Presidency, fixing the Scale

No.	Names of Works	IRRIGATION IN BLOCKS.		PERMANENT.		8 MONTHS.		MONSOON—4 MONTHS.		RAST—4 MONTHS.	
		Area.	Assessment.	Area.	Assessment.	Area.	Assessment.	Area.	Assessment.	Area.	Assessment.
	MAJOR WORKS.	Acres.	Rs.	Acres.	Rs.	Acres.	Rs.	Acres.	Rs.	Acres.	Rs.
	Protective Works.										
1	Pravara River Works—Pravara Right Bank Canal	...	...	1,188	6,138	433	975	1,789	3,587	3,304	6,963
2	Chandrapur Tank—Girna Left Bank Canal	...	...	75	1,717	168	1,023	1,015	3,175	3,014	14,009
3	Godavari Right Bank Canal	...	...	4,686	1,50,364	337	3,559	3,408	11,443	10,185	90,230
4	Left Bank Canal	...	...	3,140	1,34,545	171	1,130	1,194	4,094	13,680	64,687
5	Nira Canal, including Shetpal Tank.	14,030	2,24,480	7,387	2,32,083	4,897	66,794	7,251	23,371	17,305	86,615
6	Mhaswad Tank	...	...	322	7,404	746	5,462	4,135	12,425	3,967	21,154
	Total	16,030	2,24,480	16,777	5,82,248	6,742	71,802	10,298	57,905	59,445	2,86,548
	Average rate	...	18'00	...	33'61	...	10'58	...	5'00	...	4'86
	Productive Works.										
8	Hathmati and Khari Out Canals combined	...	...	1,388	1,143	...	...	1,437	3,225	236	443
10	Lower Panjhra River Works	...	...	8116	655	107	631	93	102	359	2,748
11	Waghed Tank	...	...	...	...	...	...	...	...	...	...
12	Kidwa River	...	...	357	7,719	896	6,346	348	810	713	8,068
13	Palikhet Canal	...	...	242	5,407	268	1,768	171	396	234	1,314
14	Wadali Canal	...	...	104	3,408	210	1,618	246	699	528	2,382
15	Pravara River Works—Lakh Canal	...	...	58	236	89	520	305	248	404	789
16	Within the Poona City, Suburban Municipal and Cantonment limits or within one mile of those limits	...	...	1,352	48,883	...	...	...	...	...	...
17	Mutha	...	...	5,220	1,76,969	...	...	...	...	...	...
18	On all the remaining land commanded by both Canals, including Pan gardens wherever situated throughout the Canals	...	...	6	180	...	...	...	...	...	...
19	All lands commanded by both Canals	...	...	6,578	2,27,477	1,633	19,596	3,602	10,806	3,353	16,765
20	Mitoba Tank	...	...	656	7,044	...	...	...	...	...	...
21	Ehrak Tank	...	...	475	11,529	1,551	10,803	119	403	2,474	13,084
22	Krishna Canal	...	...	2,065	54,623	2,569	13,677	2,697	13,321	669	1,693
	Total	...	...	10,691	4,19,542	7,316	64,786	9,008	20,701	8,937	44,826
	Average rate	...	...	...	29'34	...	7'49	...	3'31	...	5'02
	MINOR WORKS AND NAVIGATION.										
23	Wangroli Tank	...	...	...	...	...	...	711	2,015	...	...
24	Tarna-Nagamma Tanks	...	...	...	...	...	...	...	...	...	...
25	Savli Tank	...	...	...	...	...	...	152	908	...	...
26	Sahist do.	...	...	...	...	...	...	...	...	...	...
27	Fuleiso do.	...	...	...	...	...	...	...	...	...	...
28	Hariela do.	...	...	...	...	...	...	...	...	...	...
29	Mhaswa do.	...	...	...	...	...	...	...	...	...	...
30	Jamda Canals	...	...	...	...	...	...	...	...	...	...
31	Parasol Tank	...	...	...	...	...	...	...	...	...	...
32	Pravara River Works—Pravara Left Bank Canal	...	...	...	...	...	...	...	...	...	...
33	Bhatodi Tank	...	...	...	...	...	...	...	...	...	...
34	Kaurdi do.	...	...	...	...	...	...	...	...	...	...
35	Shirumphal do.	...	...	...	...	...	...	...	...	...	...
36	Bhambavadi do.	...	...	...	...	...	...	...	...	...	...
37	Koregaon do.	...	...	...	...	...	...	...	...	...	...
38	Ashli do.	...	...	...	...	...	...	...	...	...	...
39	Pathri do.	...	...	...	...	...	...	...	...	...	...
40	Revadi do.	...	...	...	...	...	...	...	...	...	...
41	Upper Man River Works	...	...	...	...	...	...	...	...	...	...
42	Yerla River Irrigation Works	...	...	...	...	...	...	...	...	...	...
43	Chikhi Canal	...	...	...	...	...	...	...	...	...	...
44	Maini Tank	...	...	...	...	...	...	...	...	...	...
45	Machkundri do.	...	...	...	...	...	...	...	...	...	...
46	Gadikeri do.	...	...	...	...	...	...	...	...	...	...
47	Gokak Canal, 1st Section and Storage Works	...	...	...	...	...	...	...	...	...	...
48	Dambal Tank	...	...	...	...	...	...	...	...	...	...
49	Medori do.	...	...	...	...	...	...	...	...	...	...
50	Nadag do.	...	...	...	...	...	...	...	...	...	...
51	Asundi do.	...	...	...	...	...	...	...	...	...	...
52	Mavinkop do.	...	...	...	...	...	...	...	...	...	...
53	Dharma Canal	...	...	...	...	...	...	...	...	...	...
	Total	...	...	1,851	29,201	4,692	26,266	38,229	55,420	16,085	66,746
	Average rate	...	...	...	15'00	...	5'42	...	3'05	...	4'42
	Grand Total	14,030	2,24,480	29,619	6,11,051	18,30	1,51,358	48,534	1,43,315	83,477	4,00,119
	Average rate	...	18'00	...	30'76	...	8'09	...	5'08	...	4'78

Note.—The difference between the figures of total area and assessments in this Statement and those in Statements I.—E. to IV.—E. is hypothetical and are arrived at on the assumption that

G.

excluding Sind, during 1918-1919, according to the system of classification adopted in of Water-rates.

HOT WEATHER.		MISCELLANEOUS.		GRAND TOTAL.		REMARKS.
Acres.	Assessment.	Acres.	Assessment.	Acres.	Assessment.	
400	1,081	...	...	7,084	17,731	
131	860	102	914	4,495	21,017	* This represents the area in the basin let out for cultivation.
...	...	353	909	353*	909	
653	4,906	...	...	28,279	2,96,403	
440	3,355	...	...	17,614	2,08,323	
430	3,010	2,536	5,872	54,642	6,33,603	
261	2,443	146	330	9,577	50,517	† This addition is for the difference between the amounts of water rates charged according to the areas actually watered and the amount to be recovered from irrigators according to the areas sanctioned in blocks.
2,315	15,676	3,436	8,425	122,043	12,26,574	
...	677	...	245	...	10,07	
922	4,291	...	...	2,846(A)	9,105(B)	‡ Charged again in different seasons.
8	50	79	39	(19700)	(11)4,325	(A) Exclusive of Himmat.
...	...	...	...	...	...	(B) Rs. 295 in Kharif have had to be remitted as the crop was not matured for want of moisture in the land, and 1/11 water rate had to be charged.
105	650	52	165	2,470	20,748	(C) Exclusive of 1,814 acres of manual Bagayat area.
39	234	7	114	1,216	5,813	(d) Exclusive of Rs. 8,349 on account of enhanced water rates on old works.
73	455	12	66	933	1,673	
9	79	...	...	...	...
534	3,738	859	1,718	17,215	2,87,144	§ An area of 28 acres is indirectly irrigated by under ground percolation from the Nutha Right Bank Canal and hence it cannot be classified in respect of different crops. The revenue realized therefrom is Rs. 52.
155	1,655	...	...	4,504	37,594	
140	770	130	780	6,127	84,774	
2,015	11,932	1,155	2,932	30,352	4,63,606	
...	592	...	247	...	11,79	
7	390	...	...	784	2,335	
129	779	...	...	281	1,337	
107	608	...	...	107	608	
...	...	...	...	18	35	
8	27	...	...	361	990	
3	12	...	...	670	1,564	
81	433	...	...	5,943	18,643	
33	315	6	11	555	1,690	
...	...	...	...	2,235	4,527	
12	218	13	45	1,340	6,492	
...	...	...	...	7	63	
...	...	16	32	1,635	6,900	
...	...	19	38	1,390	7,170	
41	375	...	...	250	840	
...	...	...	...	5,638	31,459	
...	...	...	...	1,430	6,354	
...	...	...	...	461	2,634	
...	...	...	...	1,109	5,573	
33	202	4	16	4,496	22,638	
...	...	5	20	174	1,030	
...	...	18	170	2,276	0,055	
...	
...	
119	1,480	909	1,113	9,085	46,686	
13	78	...	...	230	1,066	
...	...	...	...	65	682	
...	...	19	52	686	2,552	
25	152	1	2	139	711	
...	
...	...	...	...	16	83	
671	8,059	1,010	1,571	41,617	1,83,530	
...	764	...	155	...	441	
5,001	32,907	5,681	12,928	203,012	18,76,010	
...	663	...	229	...	924	

ducto difference in treatment of fractions in some cases, and in others to the fact that the figures in this Statement are more or less certain areas are assessed at certain rates.

STATEMENT

Statement showing operations of the year 1918-1919

1	2	3	CAPITAL OUTLAY, DIRECT AND INDIRECT.		LENGTH OF		AREA UNDER COMMAND.	
			During 1918-1919	To end of 1918-1919	Canal.	Distrib- utaries.	Gross.	Irrigable at present.
	Names of Works.	Amount of Estimate, Direct and Indirect.						
		Rs.	Rs.	Rs.	Miles.	Miles.	Acres.	Acres.
MAJOR WORKS.								
<i>Protective Works.</i>								
1	Pravara River Works—Pravara Right Bank Canal	1,16,70,592	7,97,881	83,79,130	33	13	73,763	24,656
2	Chankapur Tank—Girna Left Bank Canal	19,53,072	20,126	19,37,205	13.11	9.93	18,982	5,100
3	Lake Beale (Darna Dam)	1,00,86,800	43,873	1,00,94,776	70.50	48	144,310	49,331
4	Godavari Right Bank Canal ... ..	...	...	...	48	9.46	88,080	30,109
5	Godavari Left Bank Canal ... ..	...	...	...	100.25	189	274,447	117,480
6	Nira Canal, including Shetphal Tank	*89,49,307 *8,06,034	10,244	65,37,853	6.54	43.36	129,045	24,800
7	Mhasvad Tank	*27,34,426	...	20,96,016	66.25	...	...	...
	Total ...	3,62,00,301	8,72,124	2,90,44,959	337.65	262.75	728,627	251,476
<i>Productive Works.</i>								
8	Hathmati and Khari Cut Canals combined	7,62,392 6,10,329	...	13,15,973	21 39	30 129.50	44,744 32,000	8,000 16,000
9	Lower Panjhra River Works	*7,04,681	...	4,68,621	...	45	13,117	12,627
10	Kidwa River Works	*7,01,730 *4,66,402 *17,785 *63,461	...	10,34,191	11 4.50 8.62	14.36 ...	28,832 8,055 3,486	9,837 2,367 2,433
11	Pravara River Works—Lakh Canal	*7,60,764	...	3,71,891	23	9.37	29,913	11,280
12	Mutha Canals, including Matoba Tank	*1,23,73,762 2,10,500	-5,20,329	65,34,144	88	67 17	94,087 10,700	16,800 3,250
13	Ekruk Tank	*21,35,580	...	13,40,886	48	1.68	17,152	16,941
14	Krishna Canal	16,80,936	...	9,44,459	68.87	...	28,327	12,320
	Total ...	2,04,68,282	-5,20,329	1,20,09,665	306.99	213.91	310,413	111,855
	Total, Major Works ...	5,66,68,583	13,92,953	4,10,54,624	644.64	476.66	10,39,040	363,331
MINOR WORKS AND NAVIGATION.								
15	Wangroli Tank	2,48,544	...	2,90,930	17.26	...	5,000	3,400
16	Tranva-Nagaramma Tanks	3,12,734	...	2,80,635	7.60	...	1,500	800
17	Savli Tank	2,49,222	...	2,55,210	8.35	1.32	4,700	3,000
18	Sahat do.	1,86,782	...	1,84,029	9.25	1.79	4,000	2,000
19	Futela do.	1,10,785	...	1,16,461	3.99	...	1,500	800
20	Hartala do.	75,040	...	73,382	...	5.50	584	415
21	Mhasva do.	1,40,015	...	1,38,956	...	7.00	4,647	1,700
22	Jamda Canals	10,88,640	...	10,41,089	39	75.00	46,288	5,000
23	Parsul Tank	2,23,612	...	2,14,995	...	4.75	3,337	1,000
24	Pravara River Works—Pravara Left Bank Canal	3,48,211	...	3,47,550	19	21	23,724	14,763
25	Bhatodi Tank	3,78,278	...	3,79,707	4.50	5.50	15,126	12,124
26	Kasurdi do.	45,950	...	45,590	...	1.75	597	160
27	Shirapthal do.	2,22,282	...	2,24,568	...	12.50	4,500	1,800
28	Bhadalvadi do.	2,28,724	...	2,27,423	...	9.75	3,000	2,000
29	Koregaon do.	42,049	...	39,169	3.75	...	2,394	1,050
30	Ashti do.	8,24,927	...	8,36,091	27.60	3.15	17,882	11,780
31	Pachri do.	6,72,556	...	6,42,846	4.66	3.33	5,000	2,500
32	Revatri Canal	59,148	...	59,811	10.25	...	3,813	1,920
33	Upper Man River Works	4,44,531	...	4,39,286	17.50	6.50	8,413	2,080
34	Yarla River Irrigation Works	7,45,314	...	7,64,870	39.33	4.00	11,234	5,480
35	Chikhli Canal	57,415	...	57,442	6.50	...	1,871	1,478
36	Maini Tank	3,90,492	...	4,37,650	9.25	7.58	4,876	4,625
37	Muchkundi do.	1,68,420	...	1,58,707	5.50	2.25	5,570	760
38	Gadikeri do.	17,631	...	16,918	...	Irrigation channel.	687	417
39	Gokak Canal, 1st Section, and Storage works	15,40,882	...	13,81,922	16.13	35.43	18,668	17,627
40	Dambal Tank	64,906	...	63,980	...	3.27	3,000	1,000
41	Medleri do.	81,705	...	81,392	...	5.64	1,916	600
42	Madag do.	2,49,407	...	1,87,598	9.00	...	2,851	1,345
43	Asundi do.	80,485	...	74,995	...	4.86	1,800	1,011
44	Mavincop do.	34,384	...	33,504	...	2.79	872	617
45	Dharma Canal	98,334	5,023	95,998	27.15	3.71	13,562	12,870
	Total, Minor Works ...	94,41,905	3,023	92,22,718	279.47	228.37	222,912	116,102
	GRAND TOTAL ...	6,61,10,488	13,95,976	5,02,77,342	924.11	705.03	1,261,952	479,433

H.

in the Bombay Presidency, excluding Sind.

Rainfall.	Discharge of Canal at head, cubic feet per second.	AREA.		Amount of gross Assessment.	Realiza- tions.	Working Expenses	Net Revenue.	Remarks.	
		Applied for.	Irrigated.						
10	11	12	13	14	15	16	17	18	
Inches.		Acres.	Acres.	Rs.	Rs.	Rs.	Rs.		
12.91	45	10,116	7,084	18,484	15,243	30,865	-15,622		
6.66	34.84	4,675	4,495	21,147	20,422	23,676	-3,254		
{ 13.38	...	{ 352	{ 352	5,16,679	2,12,021	1,98,979	13,042	*Includes interest charges during construction.	
8.15	252	31,239	28,279						
8.15	157	19,496	17,614						
{ 11.20	340.64	{ Information not available	{ 54,642	6,41,121	2,16,188	1,24,378	91,810		
9.44	30.86	...	9,577						
10.70	54.10	...	9,577						
...	.....	65,848	122,043	12,54,575	4,04,625	3,99,282	95,343	
7.13	55	1,389	1,453	9,294	41,158	30,741	10,417	†Vide remarks on Statement I-A. †Area under consolidated assessment.	
9.36	29	1,051	1,395						
8.40	9.75	705	11,814						
...	.....	...	...	42,975	44,820	30,135	14,685	
11.82	25.42	2,583	2,470						
8.76	1.27	1,072	980						
7.41	8.23	1,340	1,245	2,393	2,166	3,123	-957	*Includes an area of 28 acres indirectly irrigated by underground percolation.	
14.29	15	1,125	963						
14.58	175.51	{ Information not available	{ 17,243						
5.13	4.84	...	...	5,24,805	3,55,980	2,12,288	1,43,742	
9.73	39.45	5,874	4,804	1,23,388	1,15,064	21,994	98,070		
11.51	77.20	10,159	8,127	85,965	31,028	15,437	16,591		
...	.....	25,298	39,380	8,06,186	6,08,721	3,18,499	2,90,222	
...	.....	...	11,814	...	...	...	...
...	.....	91,146	161,423	20,60,711	11,03,346	7,17,781	3,85,565	
...	.....	...	11,814	...	...	...	...
8.31	137.81	946	784	5,378	3,800	8,997	-5,197	§Vide remarks on Statement II-A.	
4.17	.....	...	...	54	54	2,703	-2,649	
6.73	84.27	255	281	723	211	3,519	-3,308		
8.34	80.64	120	107	1,391	811	4,554	-4,043		
12.84	0.49	78	18	142	258	3,907	-3,649		
12.62	1.24	374	361	2,439	1,852	4,247	-2,395		
13.14	3.45	769	670	2,863	2,069	1,982	87		
9.11	50.28	7,746	5,943	19,809	6,328	12,348	-8,020		
8.95	1.53	625	555	1,621	4,874	5,131	1,743		
12.91	94	2,413	2,235	5,068	7,451	16,266	-8,815		
14.93	1.08	1,440	1,340	11,906	7,944	3,854	4,090		
3.14	.....	...	7	60	263	720	-457	
9.56	7.27	Information not available	1,655	7,354	4,917	3,236	1,681		
14.43	3.55		1,390	7,429	3,907	2,791	1,116		
8.49	1.69		250	1,813	3,545	5,088	-1,543		
12.68	11.76	5,700	5,638	38,859	21,699	6,134	16,565		
8.90	3.46	1,500	1,436	6,985	6,871	1,789	5,082		
14.16	2.81	761	461	2,710	3,897	1,661	2,036		
10.43	6.16	1,562	1,109	5,774	1,776	3,409	-1,633		
10.24	21.78	6,804	4,496	22,963	10,215	9,344	871		
15.44	2.74	392	174	1,068	888	788	50		
11.88	5.48	3,196	2,276	9,225	7,627	5,228	2,401		
16.16	.....	...	...	3,009	3,009	1,868	1,141	
No rain gauge.	.....	...	1377	2,061	2,061	413	1,648	
13.48	35.98	6,877	9,095	66,537	52,785	11,779	41,006		
15.05	3.93	288	230	2,652	2,539	2,273	296		
11.36	4.53	64	55	1,275	787	602	135		
22.00	8.39	897	896	2,924	2,014	1,211	803		
14.23	5.15	167	139	2,335	2,393	612	1,781		
No rain gauge.	1.23	...	1577	2,279	2,279	528	1,751		
49.62	10.11	39	18	17,861	34	2,014	-1,980		
...	.....	13,303	41,617	2,81,070	1,69,058	1,27,494	41,564	
...	.....	...	19,149	...	...	...	...
...	.....	134,149	2,03,040	22,94,781	12,72,404	8,45,275	4,27,129	
...	.....	...	110,863	...	...	...	...

STATISTICAL STATEMENTS

FOR

IRRIGATION WORKS, SIND.

FOR THE YEAR 1918-19.

STATEMENT

Statement of Canals in the Indus

1	MAJOR WORKS.			
	Begari Canals District.			
	Desert Canal.	Unbarwah.	Begari Canal.	Total.
	2	3	4	5
Source of supply of water	River Indus.	River Indus.	Wadhu Dhand ex-River Indus.	...
Minimum discharge of water... C. ft. per sec. ...	...	...	...	...
Maximum discharge of Canal	3,399	2,069	6,614	...
Average annual rainfall ... ..Inches.	1.36	1.05	2.03	...
Gross area commanded ... ..Acres.	388,985	246,970	751,680	1,387,635
Culturable area commanded	388,985	214,056	680,521	1,283,562
Area irrigable by complete project	129,660	112,025	340,260	581,945
Area irrigable at present	129,660	112,025	340,260	581,945
<i>Sanctioned Estimate.</i>				
Direct charges Rs.	26,55,351	7,68,050	24,69,981	58,93,382
Indirect charges	80,019	20,780	64,601	1,65,400
Interest during construction... ..	27,62,085	7,31,846	31,01,313	65,95,244
Total Estimate Rs.	54,97,455	15,20,676	56,35,895	1,26,54,026
<i>Expenditure to end of 1918-1919.</i>				
Direct charges Rs.	26,54,805	7,68,050	24,03,220	58,26,075
Indirect charges	80,006	20,780	79,306	1,80,092
Interest during construction... ..	27,62,085	7,31,846	31,01,313	65,95,244
Total Expenditure Rs.	54,96,896	15,20,676	55,83,839	1,26,01,411
<i>Works as now sanctioned.</i>				
Main Canals Irrigation Miles.	96	34	78	208
Branch Canals	171	82	114	367
Distributaries	69	5	52	126
Of the above—				
Navigable Canals Miles.	4	...	58	62
<i>Works completed at end of 1918-1919.</i>				
Main Canals Irrigation Miles.	96	34	78	208
Branch Canals	171	82	114	367
Distributaries	69	5	52	126
Of the above—				
Navigable Canals Miles.	4	...	58	62

I-A.

Right Bank Division for 1918-1919.

Shikarpur Canals Dis- trict.	MINOR WORKS FOR WHICH CAPITAL AND REVENUE ACCOUNTS ARE KEPT.			MINOR WORKS FOR WHICH ONLY REVENUE ACCOUNTS ARE KEPT.		
	Ghar Canals District.		Karachi Canals District.	Shikarpur Canals District.	Western Nara District.	Karachi Canals District.
Máhiwáh.	Sukkur Canal.	Ghar Canal.	Sattah Canal.	Other Canals.	Other Canals.	Other Canals.
6	7	8	9	10	11	12
Gudu Dhand ex- River Indus.	River Indus.	River Indus.	River Indus.	River Indus.	River Indus.	River Indus.
...
1,692	2,333	6,151	672	4,819	...	...
...	142	0.52	0.75	...	0.07	1.07
200,251	246,713	505,649	60,976	477,924	990,586	6,158,771
145,445	162,118	395,944	23,757	381,917	715,718	1,799,083
99,000	90,000	250,000	23,757	229,640	406,311	1,295,923
99,000	90,000	250,000	14,059	229,640	397,696	233,244
14,45,248	13,76,052	5,48,405	1,74,028	...	...	...
72,103	61,761	30,854	6,051	...	...	...
7,85,043	...	...	...	...	...	...
23,02,399	14,37,813	5,79,259	1,80,079	...	...	...
13,80,892	13,76,052	5,48,405	1,74,028	...	...	...
58,792	61,761	30,854	6,051	...	...	...
7,85,043	...	...	...	...	...	...
22,24,727	14,37,813	5,79,259	1,80,079	...	...	...
29	(a) 72	39	30	180	351	(b) 458
177	56	119	6	96	313	462
87	...	144	...	...	16	...
...	...	103	4	...	267	164
29	(a) 72	39	30	180	351	(b) 458
177	56	119	6	96	313	462
87	...	144	...	...	16	...
...	...	103	4	...	267	164

(a) The difference in decrease of 2 miles is due to the portion of Napat Sukkur Canal below its junction with Edewah having been abandoned. It is not known when it was abandoned but from its neglected condition it seems to have been done years ago.

(b) Two miles less is in Main Canal Kalri due to cuts Nos. 1 and 3.

STATEMENT

Statement of Canals in the Indus

	MAJOR WORKS.								
	Jámró Canal District.	Nasrat Canal Districts.			Eastern Nára District.				
	Jámró Canal.	Dád Canal.*	Nasrat Canal.	Total.	Nára Supply Channel.	Eastern Nára.	Amthró Canal.	Thár Canal.	Rhipro Canal.
	1	2	3	4	5	6	7	8	9
Source of supply of water	Eastern Nára.	Indus.	Indus.	...	Indus.	Nára Supply Channel.	Eastern Nára.	Eastern Nára.	Eastern Nára.
Minimum discharge of River... C. ft. per second.	.....	(a) 21,784	(a) 21,784	...	(a) 21,784	...	...	...	...
Maximum discharge of Canal... " "	3,012	4,103	2,183	...	...	...	2,800	1,400	200
Average annual rainfall Inches.	2.63	0.70	0.38	...	...	1.06	2.03	1.89	0.99
Gross area commanded Acres.	870,860	630,100	383,700	1,013,800	167,400	789,991	437,559	158,039	35,743
Culturable area commanded "	792,106	393,007	310,440	703,447	25,000	501,609	406,675	136,000	33,745
Area irrigable annually by complete project . "	300,000	156,685	104,100	260,785	23,000	90,900	149,500	50,000	8,600
Area irrigable at present "	264,035	103,485	60,235	163,720	9,000	58,400	132,000	50,000	8,000
<i>Sanctioned Estimate.</i>									
Direct charges Rs.	89,24,825	26,64,707	18,64,866	45,29,673	...	...	...	...	...
Indirect charges "									
Interest during construction "	61,34,409	15,78,367	10,41,184	26,19,551	...	...	...	...	...
Total Estimate ... Rs.	1,50,59,234	42,43,074	29,06,160	71,49,224	...	...	...	...	...
<i>Expenditure to end of 1918-1919.</i>									
Direct charges Rs.	87,11,551	25,67,728	18,06,777	43,74,506	...	...	...	...	...
Indirect charges "	2,60,068	93,783	58,189	1,51,971	...	...	...	...	...
Interest during construction "	61,34,409	15,78,367	10,41,184	26,19,551	...	...	...	...	...
Total Expenditure ... Rs.	5,51,06,028	42,39,877	29,06,160	71,46,027	...	...	...	...	...
<i>Works as now sanctioned.</i>									
Main Canals Irrigation Miles	117	96	97	193	12	(a) 320	97	24	38
Branch Canals "	63	193	95	288	...	...	49	48	5
Distributaries "	467	(c) 153	118	276	...	31	42	18	...
Of the above—									
Navigable Canals Miles.	.....	...	...	...	12	320	92	...	...
<i>Works completed to end of 1918-1919.</i>									
Main Canals Irrigation Miles.	117	87	79	166	12	(a) 320	96	24	15
Branch Canals "	63	192	136	328	...	...	49	48	...
Distributaries "	467	(c) 129	69	198	...	...	41	2	...
Of the above—									
Navigable Canals Miles.	.....	...	...	...	12	320	92	...	...

* Includes figures for Ren Distributary, ex-Dád.

(a) Minimum discharge of Indus at Bakkur.

(b) Do.

(c) Includes 33 miles of Ren Distributary ex-Dád.

(d) Practically a river.

I-A—concluded.

Left Bank Division for 1918-1919.

		MINOR WORKS FOR WHICH CAPITAL AND REVENUE ACCOUNTS ARE KEPT.							MINOR WORKS FOR WHICH ONLY REVENUE ACCOUNTS ARE KEPT.		
		Hyderabad Canals District.				Fuleli Canals District.			Naras Canals District.	Hyderabad Canals District.	Fuleli Canals District.
Hiral Canal.	Total.	Alibahur Kucheri.	Grant Marak.	Sarfaraz.	Total.	Fuleli Canal.	Hannali Canal.	Total.	Total.	Total.	Total.
11	12	13	14	15	16	17	18	19	20	21	22
Eastern Nara.	.....	Indus.	Indus.	Indus.	...	Indus.	Indus.	...	Indus.	Indus.	Indus.
.....	.....	(a) 21,784	(a) 21,784	(a) 21,784	...	(b) 24,210	(b) 24,210	...	(a) 21,784	(a) 21,784	(b) 24,210
250	.....	293	874	486	...	10,000	1,000	...	...	...	...
2-27	.....	0-91	0-99	1-84	...	2-24	2-24	...	...	1-05	2-30
55,480	1,844,212	75,500	240,000	165,000	480,500	1,708,000	144,000	1,847,000	700,000	930,000	147,800
49,916	1,152,945	51,900	238,400	189,000	429,300	1,437,500	84,000	1,521,500	295,041	827,370	95,900
15,700	331,100	18,300	58,350	40,800	117,450	450,000	21,000	471,000	111,800	215,800	55,000
20,000	277,400	18,300	58,350	40,800	117,450	400,000	18,000	418,000	69,379	215,800	30,000
.....	75,48,589	{ 23,207 710 }	{ 3,77,008 6,121 }	{ 1,18,559 6,121 }	{ 5,25,605 6,121 }	{ 19,74,646 72,881 }	{ 2,89,929 14,876 }	{ 22,64,575 87,757 }	...	...	...
.....	1,03,99,936	...	...	...	...	...	...	...	...	...	...
.....	1,79,48,525	23,917	3,77,008	1,24,680	5,25,605	20,47,527	3,04,805	23,52,332	...	...	...
.....	69,63,343	23,207	3,19,428	1,18,559	4,61,194	19,74,646	2,89,929	22,64,575	...	...	...
.....	2,41,125	710	11,662	6,121	18,798	72,881	14,876	87,757	...	...	...
.....	1,03,99,936	...	...	...	...	...	...	...	...	...	...
.....	1,76,04,404	23,917	3,31,390	1,24,680	4,79,987	20,47,527	3,04,805	23,52,332	...	...	...
19	610	26	26	79	131	100	34	134	110	137	65
22	134	32	146	34	212	876	46	922	142	442	69
13	104	...	...	...	...	29	14	43	15	...	4
.....	424	22	22	30	74	328	39	367	...	105	10
19	486	26	24	79	129	100	34	134	110	137	65
22	119	32	146	34	212	876	46	922	141	442	69
.....	43	...	...	...	...	28	14	42	15	...	4
.....	424	22	22	30	74	328	39	367	...	105	10

STATEMENT

Capital Account of Irrigation Works

Name of Work.	DURING YEAR.								
	Direct Charges.						Indirect Charges.		
	Works.	Estab- lish- ment.	Tools and Plant.	Total.	Deduct Receipts on Capital Account.	Total.	Capitali- zation.	Leave and Pension Allowances.	Total.
1	2	3	4	5	6	7	8	9	10
MAJOR WORKS.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
PRODUCTIVE WORKS.									
1. Desert Canal	11,257	2,327	-256	13,328	...	13,328	...	326	326
2. Unharwāh ... ..	...	...	...	...	...	...	...	...	...
3. Begāri Canal	35,285	7,294	-803	41,776	...	41,776	...	1,021	1,021
4. Mahiwāh ... ..	...	...	...	...	...	...	...	...	...
5. Eastern Nāra Works	1,18,351	38,767	1,054	1,58,172	...	1,58,172	...	5,427	5,427
6. Jamrāo Canal	51,529	1 2025	-613	62,741	...	62,741	...	1,684	1,684
7. Dād do	-5,149	-1,687	-46	-6,882	...	-6,882	...	-236	-236
8. Nasrat do.	-799	-262	-7	-1,068	...	-1,068	...	-37	-37
9. Naulakhi do. ... ..	...	...	...	...	...	...	...	...	...
10. Sukkur Barrage Works ... ..	...	...	...	...	...	...	...	...	...
Total ...	2,10,474	58,464	-871	2,68,067	...	2,68,067	...	8,185	8,185
MINOR WORKS AND NAVIGATION.									
11. Sukkur Canal	9,624	1,893	-219	11,298	...	11,298	...	265	265
12. Ghār do. ... ..	...	...	...	...	...	...	...	...	...
13. Suttah do. ... ..	...	...	...	...	...	...	...	...	...
14. Alibahar Kacheri Canal.. ... ..	...	...	...	...	...	...	...	...	...
15. Mārak Great do.	65,948	20,942	588	87,478	...	87,478	...	2,932	2,932
16. Sarfraswah ... ..	...	...	...	...	...	...	...	...	...
17. Fuleli Canal	13,986	4,441	124	18,551	...	18,551	...	622	622
18. Hasanali do. ... ..	...	...	...	...	...	...	...	...	...
Total ...	89,558	27,276	493	1,17,327	...	1,17,327	...	3,819	3,819
GRAND TOTAL ...	3,00,032	85,740	-378	3,85,394	...	3,85,394	...	12,004	12,004

I-B.

in Sind for and to end of 1918-1919.

	TO END OF YEAR.									
Grand Total.	Direct Charges.						Indirect Charges.			Grand Total.
	Works.	Establish- ment.	Tools and Plant.	Total.	Deduct Receipts on Capital Account.	Total.	Capitali- zation.	Leave and Pension Allow- ances.	Total.	
11	12	13	14	15	16	17	18	19	20	21
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
13,654	21,48,713	4,85,706	25,428	26,54,842	87	26,54,805	2,284	77,722	80,006	27,34,811
...	6,31,222	1,34,479	2,349	7,68,050	...	7,68,050	1,958	18,827	20,780	7,68,830
42,797	20,38,181	3,59,582	5,476	24,08,239	19	24,08,220	17,925	61,381	79,306	24,82,526
...	11,27,521	2,43,877	9,500	13,50,898	6	13,50,892	24,649	34,143	58,792	14,39,684
1,53,599	55,03,961	13,86,350	78,208	69,63,519	176	69,63,343	3,084	2,38,041	2,41,125	72,04,468
64,425	70,18,402	15,08,178	{ 1,51,351 (a) 4,606 }	87,12,532	981	87,11,551	48,924	2,11,144	2,60,068	89,71,619
-7,118	21,74,586	3,73,780	19,296	25,67,762	34	25,67,728	41,453	52,329	93,782	26,61,510
-1,105	15,46,919	2,58,143	6,868	18,06,935	158	18,06,777	22,749	35,440	58,189	18,54,966
...	4,876	236	...	5,112	...	5,112	...	33	33	5,145
...	-284	.....	...	-284	...	-284	...	...	...	-284
2,76,252	2,21,89,197	47,45,381	{ 8,23,471 (a) 4,606 }	2,72,63,605	1,411	2,72,61,194	1,63,021	7,29,060	8,92,081	2,81,53,275
11,663	11,48,150	2,13,361	13,701	13,76,212	160	13,76,052	20,468	41,296	61,761	14,87,813
...	4,46,950	98,471	2,984	5,48,405	...	5,48,405	12,536	18,318	30,854	5,79,259
...	1,40,183	31,819	2,076	1,74,028	...	1,74,028	1,597	4,454	6,051	1,80,079
...	19,686	3,548	23	23,207	...	23,207	...	710	710	23,917
90,410	2,56,700	60,321	2,487	3,19,508	80	3,19,428	1,554	10,408	11,962	3,31,390
...	1,03,432	15,097	30	1,18,559	...	1,18,559	3,102	3,019	6,121	1,24,680
19,173	16,15,751	3,50,001	9,398	19,75,150	504	19,74,646	14,412	58,469	72,881	20,47,527
...	3,35,342	40,286	5,301	2,89,929	...	2,89,929	7,976	6,900	14,876	3,04,805
1,21,146	39,67,094	8,21,904	36,000	48,24,998	744	48,24,254	61,643	1,48,573	2,05,216	50,29,470
3,97,398	2,61,56,291	55,67,236	{ 3,59,471 (a) 4,606 }	3,20,87,603	2,155	3,20,85,448	2,24,684	8,72,638	10,97,297	3,31,82,745

(a) Suspense Account.

C. W. C. CARSON,
Accountant General.

STATEMENT

Statement showing the Financial Results of Irrigation

Realizations under main heads of

Works.	REVENUE (ACTUAL RECEIPTS).													Revenue Manage		
	Irrigation.					Plan- ta- tion.	Mis- cellane- ous.	Total.	Less— Refunds of Re- venue.	Gross Revenue less Refunda.	Deduct- Share due to old Irriga- tion.	Total Revenue due to Improve- ment.	Establishment.			
	Direct.	Indirect.			Total.								Direc- tion.	Total.	Civil Officers.	
	Water- mills directly paid.	Share of Land Revenue.	4 per cent. on 4/10ths of proceeds from sale of occupancy rights in waste or other lands up to end of year.	Total.												
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	
MAJOR WORKS.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
PRODUCTIVE WORKS.																
1. Desert Canal ...	64,956	1,94,982	2,187	1,97,169	2,02,125	61	4,172	2,06,358	...	2,06,358	...	2,06,358	...	12,110	13,257	
2. Unharwah ^a ...	234	1,17,085	3,035	1,20,730	1,20,954	28	519	1,21,501	...	1,21,501	...	1,21,501	...	5,413	7,735	
3. Begari Canal ...	18,783	3,72,370	9,444	8,81,714	4,00,497	21	4,556	4,05,074	...	4,05,074	33,613	3,71,461	...	20,883	26,497	
4. Mahiwh ^a ...	633	84,075	3,180	87,255	87,885	30	1,440	89,358	364	89,174	1,10,497	-21,323	...	19,733	7,352	
5. Eastern Nara Works.	4,020	5,09,795	4,223	5,14,018	5,18,038	2,506	15,840	5,36,384	...	5,36,384	3,444	5,32,940	...	47,448	31,105	
6. Jamsai Canal ...	2,057	6,44,502	71,845	7,16,347	7,18,404	787	29,095	7,48,386	69	7,48,217	...	7,48,217	...	1,05,445	20,030	
7. Dad do. ...	2,635	2,06,712	8,105	2,14,817	2,17,452	715	1,678	2,19,845	375	2,19,470	83,913	1,35,557	...	32,193	15,583	
8. Nasrat do. ...	187	1,46,160	13,763	1,59,923	1,60,110	450	1,492	1,62,032	...	1,62,032	72,854	89,198	...	26,555	3,434	
9. Naulakhi do. ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
10. Sukkur Barrage Works ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Total ...	83,505	22,76,181	1,15,782	23,91,963	24,85,498	4,588	58,792	25,45,858	628	25,46,320	3,04,321	22,42,009	...	2,69,790	1,31,203	
MINOR WORKS AND NAVIGATION.																
11. Sukkur Canal ...	1,818	1,68,703	848	1,69,550	1,70,868	...	4,033	1,74,901	...	1,74,901	84,806	90,095	...	...	13,596
12. Ghur do. ...	1,734	7,35,467	7,609	7,43,076	7,44,810	225	12,086	7,57,071	...	7,57,071	1,35,512	6,21,559	...	...	49,605
13. Suttah do. ...	27	29,893	905	30,768	30,795	...	2	30,797	...	30,797	16,145	14,652	...	...	1,950
14. Alibahar Kacheri Canal ...	921	20,441	810	21,231	22,202	...	347	22,549	...	22,549	17,505	5,044	...	...	1,981
15. Marak Great Canal...	2,819	1,57,548	3,406	1,60,954	1,63,773	...	3,379	1,66,152	...	1,66,152	59,437	1,06,715	...	...	13,000
16. Sarfrazwah ...	1,170	44,182	1,294	45,476	46,616	...	2,115	46,761	...	46,761	18,806	29,955	...	...	3,482
17. Fulci Canal ...	30,568	8,13,988	15,164	8,29,152	8,59,720	395	15,507	8,75,922	...	8,75,922	2,44,549	6,31,373	...	...	60,886
18. Hasanali Canal ...	227	43,315	695	44,010	44,237	...	453	44,690	...	44,690	5,916	38,774	...	...	2,695
Total ...	36,794	20,13,506	30,761	20,44,267	20,63,061	630	37,172	21,20,843	...	21,20,843	5,52,076	15,38,167	...	...	1,40,057
GRAND TOTAL ...	1,22,299	42,89,637	1,46,543	44,36,230	45,63,519	5,218	85,964	46,69,701	628	46,69,073	8,56,997	37,82,076	...	2,69,790	2,77,690	
Works for which only Revenue Accounts are kept	33,840	15,45,276	50,681	16,95,957	17,19,797	1,366	33,510	17,54,573	387	17,54,186	...	17,54,186	...	...	1,00,200

I-C.

*Works in Sind for the year ended 31st March 1919.**Revenue and Working Expenses.*

WORKING EXPENSES.																	NET REVENUE.	
Total Revenue Management.	Maintenance and Repairs.									Indirect Charges.	Grand Total Working Expenses.	Deduct—Old Maintenance Charges.			Total Working Expenses on Improve- ments.	Total.	Due to Improvements.	
	Establishment.			Works.	Repairs.	Sun- dries.	Planta- tions.	Tools and Plant.	Total Cost of Main- tenance.			Direct.	In- direct.	Total.				
	Direction.	Execu- tive.	Total.															
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
25,807	12,726	2,050	68,607	...	...	-1,491	72,882	3,682	1,01,931	...	...	...	1,01,931	1,04,427	1,04,427	
13,143	5,687	3,191	24,321	...	...	-626	32,673	1,657	47,378	...	...	...	47,378	74,123	74,123	
47,380	21,881	10,772	95,361	-1,946	...	-2,417	1,23,681	5,323	1,27,384	8,757	2	8,759	1,68,026	2,37,690	2,08,830	
27,115	20,634	2,196	91,970	...	6,141	-2,284	1,18,886	5,852	1,51,433	31,007	273	21,280	1,30,143	-62,349	-1,51,466	
78,653	49,111	26,843	1,37,907	-61	2,501	7 3	2,15,464	13,518	3,07,835	344	...	841	3,07,101	2,28,819	2,26,749	
1,25,475	80,875	4,478	1,74,888	-594	6,694	1,656	2,47,787	23,285	3,96,547	...	...	...	3,96,547	3,51,670	3,51,670	
47,770	37,929	4,628	68,593	1,465	8,167	904	1,36,676	9,117	1,39,589	64,071	1,138	45,200	1,48,363	25,001	-12,803	
35,590	27,292	4,271	75,144	...	4,369	746	1,11,691	7,540	1,55,230	19,365	463	19,808	1,36,422	6,322	-45,224	
...	
...	
4,00,813	2,31,146	58,326	7,46,603	-1,136	27,822	-3,350	10,59,410	70,774	15,30,997	63,634	1,966	65,400	14,36,597	10,17,238	8,48,312	
13,598	10,866	2,471	62,390	...	334	-1,256	64,786	1,620	79,901	13,336	100	13,362	66,539	96,000	33,569	
49,665	23,787	6,941	1,11,831	34	2,140	-2,786	1,41,980	3,361	1,65,008	19,680	201	18,841	1,76,185	5,62,086	6,46,394	
1,860	2,270	1,800	9,742	...	...	-263	13,549	318	15,817	8,968	225	9,218	6,690	14,680	9,013	
1,981	900	...	2,835	...	...	26	3,700	126	5,867	9,076	188	9,268	-2,399	16,682	6,443	
12,000	9,191	813	28,131	...	...	268	38,393	1,387	51,690	22,976	427	23,407	23,275	1,14,472	78,449	
3,462	4,217	...	13,278	...	...	118	17,613	691	21,696	7,661	179	7,821	13,963	27,075	16,960	
60,688	75,243	18,127	2,32,880	718	933	2,112	3,16,019	10,534	3,86,241	1,14,396	2,098	1,16,363	3,69,560	4,99,681	3,61,493	
2,695	3,108	...	9,737	...	...	87	12,982	435	16,112	3,380	78	3,458	12,634	28,578	26,120	
1,40,057	1,29,672	25,162	4,50,880	762	3,397	-1,672	6,08,081	18,172	7,72,310	1,98,281	3,461	2,01,732	5,70,678	13,48,533	9,87,049	
5,46,870	3,60,717	88,478	1,97,478	-384	81,219	-5,022	16,67,491	83,946	23,69,307	2,91,616	5,317	2,97,132	20,06,175	23,66,766	17,75,901	
1,00,200	1,49,368	61,674	6,07,089	-2,036	...	-10,557	8,05,538	...	9,08,738	...	...	...	9,05,738	8,48,448	8,48,448	

C. W. C. CARSON,
Accountant General.

STATEMENT

Statement showing the Financial Results of Irrigation

No.	Name of work.	GENERAL FINANCIAL RESULTS TO END OF						
		Mileage in operation.		Estimated cost of construction (direct and indirect).	Date of completion of work (P. W. Code II, 1918).	Date when system first came into operation.	Total Capital Outlay (direct and indirect).	Accumulated arrears of interest.
		Main canals and branches.	Distributaries.					
1	2	3	4	5	6	6a	7	8
	MAJOR WORKS.	Miles.	Miles.	Rs.	Date.	Date.	Rs.	Rs.
	PRODUCTIVE WORKS.							
1	Desert Canal	267-00	69-00	27,35,370	1891-92	1872-73	27,34,811	.....
2	Unharwah	116-00	5-00	7,88,830	1890-91	1885-86	7,88,830	.....
3	Begari Canal	192-00	52-00	25,34,587	1890-91	1855-56	24,82,526	.....
4	Mahiwah	293-00	...	15,17,356	Not completed. 1897-98	1901-02	14,39,684	6,45,880
5	Eastern Nara	574-75	...	75,48,589	1854-55	1854-55	72,04,468	.....
6	Jamrui Canal	180-00	457-00	89,24,825	1901-02	1900-01	89,71,619	.....
7	Dad do.	278-78	91-46	26,64,707	1906-07	1901-02	26,61,510	6,99,173
8	Nasrat do.	214-84	69-12	18,64,966	1906-07	1903-04	18,64,966	1,75,935
9	Naulakhi do. ... ..	...	...	12,62,554	Not completed.	...	5,145	2,794
10	Sukkur Barrage Works ... ..	...	...	.....	Not started.	...	-284	-54
	Total ...	2,116-37	743-58	2,98,41,784	...	...	2,81,53,275	15,23,728
	MINOR WORKS AND NAVIGATION.							
11	Sukkur Canal	128-10	...	14,37,813	1885-86	1870-71	14,37,813	.....
12	Ghar do.	302-88	...	5,79,259	1878-79	1856-57	5,79,359	.....
13	Suttah do.	36-00	...	1,80,079	1909-10	1904-05	1,80,079	39,041
14	Alibahar Kachari	58-50	...	23,917	1875-76	1873-74	23,917	.....
15	Mara k Great	169-90	...	3,77,008	1881-82	1873-74	3,31,390	.....
16	Surfmarwah	112-60	...	1,24,680	1875-76	1873-74	1,24,680	...
17	Fuleli Canal	1,002-00	...	20,47,527	1892-93	1861-62	20,47,527	.....
18	Hasanali	94-00	...	3,04,805	1905-07	1903-04	3,04,805	.....
	Total ...	1,903-98	...	50,75,088	...	...	50,29,470	39,041
	GRAND TOTAL ...	4,020-35	743-58	3,40,16,872	...	...	3,31,82,745	15,62,769

II.C.

Works in Sind for, and up to the end of, 1918-19.

1918-19.		FINANCIAL RESULTS OF THE YEAR 1918-10.									
Accumulated surplus revenues.	Total sum-at-charge (column 7 + column 8).	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 at 3'4818 per cent. on direct Capital Outlay to end of previous year, plus half the outlay of the year.	Net profit.	Net loss.	Area irrigated.	Percentage of working expenses to receipts (column 11 to column 12).
9	10	11	12	13	14	15	16	17	18	19	20
Rs.	Rs.	Rs.	Rs.	Rs.	Per cent.	Per cent.	Rs.	Rs.	Rs.	Acres.	Per cent.
26,62,607	27,34,811	2,66,358	1,01,931	1,64,427	6'01	6'01	92,208	72,224	...	125,659	38'27
22,06,689	7,88,830	1,21,501	47,378	74,123	9'40	9'40	26,742	47,331	...	51,772	38'90
82,38,818	24,82,520	3,71,461	1,68,025	2,02,836	8'17	8'17	82,948	1,19,888	...	172,291	45'89
...	20,85,564	-21,323	1,30,143	-1,51,466	...	...	48,079	...	1,90,845	32,108	...
42,67,330	72,04,468	5,32,940	3,07,191	2,25,749	3'13	3'13	2,39,097	...	18,948	208,638	57'64
9,28,941	89,71,619	7,48,217	3,96,647	3,51,670	3'92	3'92	3,02,226	49,444	...	223,958	59'00
...	33,60,683	1,35,557	1,48,360	-12,803	...	...	80,623	...	1,02,328	82,548	109'44
...	20,40,901	89,198	1,35,422	-46,224	...	...	62,627	...	1,09,161	59,888	161'82
...	7,939	...	...	...	...	...	178	...	178	...	...
...	-338	...	...	...	...	...	-10	...	-10	...	...
1,83,04,385	2,96,77,003	22,43,909	14,25,597	8,08,312	2'87	2'72	9,44,613	...	1,36,201	954,350	63'98
4,58,584	14,37,813	90,095	66,539	23,556	1'64	1'64	47,715	...	24,159	59,898	78'85
2,15,38,103	5,79,259	6,21,559	1,76,165	4,45,394	76'89	76'89	19,094	4,26,300	...	199,925	28'84
...	2,19,120	14,652	6,599	8,053	4'47	3'68	6,059	1,994	...	18,661	45'04
2,08,909	23,917	5,044	-3,399	8,443	35'30	35'30	808	7,635	...	9,970	...
19,74,388	3,31,390	1,06,715	28,275	78,440	23'67	23'67	9,599	68,841	...	64,837	26'50
3,98,041	1,24,680	29,955	18,865	10,090	12'90	12'90	4,128	11,962	...	20,780	46'20
91,86,819	20,47,527	6,31,273	2,69,880	3,61,493	17'66	17'66	68,430	2,93,063	...	353,791	42'74
1,24,174	3,04,806	38,774	12,654	26,120	8'57	8'57	10,095	16,025	...	17,066	32'64
3,38,89,020	50,68,511	15,33,167	5,70,578	9,67,589	19'24	19'09	1,65,928	8,01,661	...	739,878	37'09
5,21,93,405	3,47,45,514	37,82,076	20,06,175	17,75,901	5'35	5'11	11,10,441	6,65,460	...	1,604,228	53'04

C. W. C. CARSON,
Accountant General.

STATEMENT III-C.

Demands and Realizations during the year 1918-1919 in Sind.

Irrigation Works.		Balance of demands unutilized at commencement of year, (a)	Demands of year.	Total.	Deduct—Remissions including Cash Refunds.	Net Total.	Deduct—Amount unutilized at close of year.	Actual Total Receipts of year.	Deduct—Share due to old Irrigation.	Total Revenue due to Improvements.
1		2	3	4	5	6	7	8	9	10
	MAJOR WORKS.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
	PRODUCTIVE WORKS.									
1	Desert Canal	29,204	2,70,418	2,99,622	11,265	2,88,357	21,999	2,66,358	...	2,66,358
2	Unharwāh	947	1,20,993	1,21,940	...	1,21,940	439	1,21,501	...	1,21,501
3	Begāri Canal	17,522	4,12,191	4,29,713	7,673	4,22,040	16,966	4,05,074	33,613	3,71,461
4	Mahiwāh	7,448	85,039	92,487	184	92,303	3,129	89,174	1,10,497	-21,323
5	Eastern Nāra Works ...	5,127	5,34,566	5,39,693	14	5,39,679	3,295	5,36,384	3,444	5,32,940
6	Jāmro Canal	12,072	7,42,595	7,54,667	740	7,53,927	5,710	7,48,217	...	7,48,217
7	Dād do.	19,163	2,12,644	2,31,807	485	2,31,322	11,852	2,19,470	83,913	1,35,557
8	Nasrat do.	16,060	1,67,470	1,82,530	...	1,82,530	20,478	1,62,052	72,354	89,198
9	Naulākhī do. (b) ...	...	...	...	...	...	...	...	...	...
10	Sukkur Barrage Works (c).	...	...	...	...	...	...	...	...	...
	Total, Major Works ...	1,06,543	25,45,916	26,52,459	20,361	26,32,098	83,868	25,48,230	3,04,321	22,43,909
	MINOR WORKS AND NAVIGATION.									
11	Sukkur Canal	8,738	1,74,501	1,78,239	17	1,78,222	3,321	1,74,901	84,806	90,095
12	Ghār do.	261	7,58,756	7,59,017	...	7,59,017	1,946	7,57,071	1,35,512	6,21,559
13	Suttah do.	77	30,817	30,894	...	30,894	97	30,797	16,145	14,652
14	Alibahar Kacheri Canal...	516	22,222	23,737	...	22,737	188	22,549	17,505	5,044
15	Marak Grant do. ...	1,854	1,65,792	1,67,646	35	1,67,611	1,459	1,66,152	59,437	1,06,715
16	Surfrazwāh	6,726	60,101	66,827	800	56,027	7,266	48,761	18,806	29,955
17	Fuleli Canal	8,650	8,80,460	8,89,110	1	8,89,109	13,187	8,75,922	2,44,549	6,31,373
18	Hasanali do.	183	44,657	44,840	...	44,840	150	44,690	5,916	38,774
	Total, Minor Works and Navigation ...	22,004	21,27,306	21,49,310	853	21,48,457	27,614	21,20,843	5,82,476	15,39,167
	GRAND TOTAL ...	1,28,547	46,73,222	48,01,769	21,214	47,80,555	1,11,482	46,69,073	8,86,997	37,82,076

(a) Correct balances as now reported by the Revenue Officers in Canal Returns—Nos. VIII-A and IX.

(b) Work under construction.

(c) Works not yet commenced as "49—Irrigation Works." Exchange on expenditure in England under "49—Irrigation Works" adjusted during the year 1913-14.

R. SRINIVASA AYYAR,
Accountant General.

STATEMENT IV-C.

STATEMENT

Statement showing the Financial Results of Irrigation Works in Sind

Principal Results of Operations

Irrigation Works.		Capital Outlay (direct and indirect) to end of year.	REVENUE ASSESSED					
			Direct Revenue.				Indirect Revenue Revenue due to operation	
			Occupier's rate.	Plantations.	Miscellaneous.	Total.	Share of Land Revenue.	4 per cent. on 1/10ths of proceeds from sale of occupancy rights in waste or other lands up to end of year.
1		2	3	4	5	6	7	8
	MAJOR WORKS.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
	PRODUCTIVE WORKS.							
1	Desert Canal	27,34,811	70,941	61	4,172	75,174	1,93,057	2,187
2	Unharwān	7,88,830	143	28	519	690	1,17,268	3,035
3	Begāri Canal	24,82,526	24,480	21	4,556	29,057	3,73,690	9,444
4	Mahiwāh	14,39,684	388	30	1,440	1,858	80,001	3,180
5	Eastern Nāra Works	72,04,468	3,876	2,506	15,840	22,222	5,08,121	4,223
6	Jāmrao Canal	89,71,619	1,546	787	29,095	31,428	6,39,322	71,845
7	Dād do.	26,61,510	1,911	715	1,678	4,304	2,00,235	8,105
8	Nasrat do.	18,64,266	56	450	1,492	1,998	1,51,709	13,763
9	Naulkhi do.	5,145	...	...	...	...	.....	...
10	Sukkur Barrage Works	—284	...	...	...	...	.....	...
	Total, Major Works	2,81,53,375	1,03,341	4,598	58,792	1,66,731	22,63,403	1,15,782
	MINOR WORKS AND NAVIGATION.							
11	Sukkur Canal	14,37,813	1,008	...	4,033	5,041	1,68,612	848
12	Ghār do.	5,79,259	2,721	225	12,036	14,982	7,36,165	7,609
13	Suttah do.	1,80,079	47	...	2	49	29,863	905
14	Alibahar Kacheri Canal	23,917	358	...	347	705	20,677	840
15	Marak Groat do.	3,31,390	2,131	...	2,379	4,510	1,57,876	3,406
16	Surfrazwah	1,24,680	1,256	...	2,115	3,371	45,436	1,294
17	Fuleli Canal	20,47,527	30,625	395	16,807	46,827	8,13,469	15,164
18	Hasanali Canal	3,04,305	318	...	453	771	43,191	695
	Total, Minor Works and Navigation	50,29,470	38,464	620	37,172	76,256	20,20,289	30,761
	GRAND TOTAL	3,31,82,745	1,41,805	5,218	95,964	2,42,987	42,83,692	1,46,543

IV-C.

for the year ended 1918-1919, based on the Assessment of the year.

for the year ended 31st March 1919.

DURING THE YEAR.					WORKING EXPENSES.			NET REVENUE OF THE YEAR.		Percentage on Capital Outlay to end of year (improvements only).
Land tion of	Refunds of Revenue.	Grand Total.	Deduct—Share due to old Irrigation.	Total Revenue due to Improvements.	Total Charges, direct and indirect.	Deduct—Old Main-tenance Charges.	Total Working Expenses on Improvements.	Total.	Due to Improvements.	
Total.										
9	10	11	12	13	14	15	16	17	18	19
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
1,95,244	...	2,70,418	...	2,70,418	1,01,981	...	1,01,931	1,68,487	1,68,487	618
1,20,903	...	1,20,993	...	1,20,998	47,378	...	47,378	73,615	73,615	938
3,83,134	...	4,12,191	33,613	3,78,578	1,77,384	8,759	1,68,625	2,34,807	2,09,963	846
83,181	184	84,855	1,10,497	-25,642	1,51,423	21,280	1,80,143	-66,568	-1,55,785	(a)
5,12,344	...	5,34,566	8,444	5,31,122	3,07,585	344	3,07,191	2,27,081	2,23,981	311
7,11,167	69	7,42,526	...	7,42,526	3,96,547	...	3,96,547	3,45,979	3,45,979	386
2,08,340	375	2,12,269	83,913	1,28,356	1,93,569	45,209	1,48,360	18,700	-20,004	(a)
1,65,472	...	1,67,470	72,564	94,616	1,55,230	19,808	1,35,422	12,240	-40,806	(a)
...
...
23,79,185	628	2,545,288	3,04,321	22,40,967	15,30,997	95,400	14,35,597	10,14,291	8,05,370	286
1,69,460	...	1,74,501	84,806	89,695	79,901	13,362	66,539	94,600	23,156	161
7,43,774	...	7,68,766	1,85,512	6,23,244	1,95,006	18,841	1,76,165	5,63,760	4,47,079	7713
30,763	...	30,817	16,145	14,672	15,817	9,218	6,599	15,000	8,073	448
21,517	...	22,222	17,505	4,717	5,867	9,266	-3,399	10,355	8,116	8393
1,61,282	...	1,65,792	59,437	1,06,355	61,690	23,405	28,275	1,14,112	78,080	2356
46,730	...	50,101	18,806	31,295	21,686	7,821	18,865	28,415	17,430	1398
8,33,633	...	8,80,460	2,44,549	6,35,911	3,86,241	1,16,301	2,69,880	4,94,219	3,66,031	1788
43,886	...	44,667	5,916	38,741	16,112	8,458	12,654	28,545	20,087	856
20,61,050	...	21,27,306	5,82,676	15,44,630	7,72,310	2,01,732	5,70,578	13,54,996	9,74,052	1936
44,20,235	628	46,72,594	8,86,597	37,85,997	23,03,307	2,97,132	20,06,175	23,09,287	17,79,422	65

(a) No percentage is calculated, as the net revenue against the work is a minus figure.

B. SRINIVASA AYYAR,
Accountant General, Bombay.

General Abstract of Financial Results of Irrigation

		MAJOR WORKS—PRODUCTIVE WORKS.											MINOR WORKS AND NAVIGATION—AND REVENUE ACCOUNTS				
		In operation.								Under Construction.	Works not started.	Total.	Works				
		Desert Canal.	Unharwah.	Begsri Canal.	Mah. wdh.	Eastern Nara Works.	Jamro Canal.	Dad Canal.	Nasrat Canal.	Naulakhi Canal.	Sukkur Barrage works.		Sukkur Canal.	Ghar Canal.	Sattah Canal.	Alibahar Kacheri Canal.	Mamk Great Canal.
		Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Capital Outlay.	During year...	Direct ...	12,328	...	41,778	...	1,56,172	62,741	-6,882	-1,068	...	...	2,68,067	11,298	...	...	67,476
		Indirect...	328	...	1,021	...	5,427	1,684	-236	-37	...	...	8,188	265	...	...	2,932
	Total ...		12,656	...	42,799	...	1,61,599	64,425	-7,118	-1,105	...	...	2,76,255	11,563	...	...	70,410
To end of year.	During year...	Direct ...	26,54,805	7,68,060	24,03,220	13,80,892	69,63,348	87,11,551	25,87,723	18,06,777	5,112	-284	2,72,61,104	13,76,032	5,48,406	1,74,028	23,207
		Indirect...	80,006	20,780	79,306	86,792	2,41,125	2,80,068	93,782	58,189	33	...	8,62,081	61,761	30,654	6,061	710
	Total ...		27,34,811	7,88,840	24,82,526	14,67,684	72,04,473	89,91,619	26,81,510	18,64,966	5,145	-284	2,81,23,185	14,37,813	5,79,060	1,80,089	23,917
Gross Revenue.	During year...	Direct ...	69,189	781	23,300	457	22,306	31,670	1,638	1,898	...	...	1,61,259	5,393	13,995	-25	1,268
		Indirect...	1,97,169	1,30,720	3,48,101	-21,780	6,30,574	7,16,347	1,33,719	87,890	...	...	30,92,650	84,744	6,07,684	14,681	3,776
	Total ...		2,66,358	1,31,501	3,71,401	-21,323	6,52,880	7,48,017	1,35,357	89,788	...	...	31,54,809	90,137	6,22,679	14,656	5,044
To end of year.	During year...	Direct ...	21,69,536	24,487	13,93,498	32,899	13,33,627	9,16,410	-40,626	14,653	...	...	59,14,438	1,16,341	5,79,102	1,667	32,812
		Indirect...	71,49,220	43,81,288	1,06,93,959	10,36,369	2,18,53,904	1,22,47,650	24,10,662	24,69,444	...	...	6,66,41,726	55,69,022	3,06,25,606	1,78,078	3,07,354
	Total ...		93,68,756	43,85,775	1,20,87,457	10,69,268	2,31,87,531	1,31,64,060	24,51,116	24,84,087	...	...	7,25,56,164	57,14,363	3,11,04,908	1,79,643	3,40,166

Works in Sind for, and to end of, 1918-1919.

WORKS FOR WHICH CAPITAL ARE KEPT.				MINOR WORKS AND NAVIGATION—WORKS FOR WHICH ONLY REVENUE ACCOUNTS ARE KEPT.								Expenditure on and Receipts from Agricultural Works for which neither Capital nor Revenue Accounts are kept.		
in operation.				Grand Total.	Shikarpur Canals District.	Western Sars District.	Karachi Canals District.	Nasrat Canals District.	Hyderabad Canals District.	Fuleli Canals District.	Total.			
Sur-frazwah.	Fuleli Canal.	Hamasall Canal.	Total.									BAGARI CANALS DISTRICT.		
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
												Trenching and Strengthening 1890 Loop—Repairs.	Rs. 8,034	Rs.
												Kashmore Bund—Repairs	46,000	...
												Survey of Jagran Branch, Bagari Canal—Repairs.	78	...
												Begari Canal	6,383	...
												Establishment	10,409	...
												Tools and Plant	-1,209	...
												Share of collection charges	3,836	...
												Direct Receipts	...	3,132
												Irrigation share of Land Revenue	...	42,685
												Four per cent. on 9/10ths proceeds from sale of occupancy rights in lands.	...	307
												Total, Bagari Canals District	71,047	40,104
												SHIKARPUR CANALS DISTRICT.		
												Preliminary work of making survey and lining out in connection with Behar Canal Project—Works.	788	...
												Compensation for land taken up for constructing a channel in connection with the proposed sluice mile 24-8 Sukkur Begari Bund—Works.	484	...
												Compensation for land taken up in connection with the improvement of Garkino Canal—Works.	1,012	...
												Constructing a loop to Sukkur Begari Bund miles 28-31 Lo Lo Loop—Repairs.	88,807	...
												Constructing a loop to Sukkur Begari Bund miles 9 to 13 Beechnag Loop—Repairs.	57,021	...
												Constructing Bunds across Dorns above Sukkur in connection with training of the River Indus—Repairs.	109	...
												Constructing front embankment for wetting the Beechnag Loop—Repairs.	9	...
												Clearance Garkinowah Canal—Repairs.	908	...
												Bunds-Rohri District. { Works	564	...
												Repairs	49	...
												Bunds in Shikarpur Canals District—Repairs.	38,036	...
												Mahiwah { Works	86	...
												Repairs	10,067	...
												Establishment	80,902	...
												Tools and Plant	-4,368	...
												Suspense	107	...
												Share of collection charges	0,200	...
												Direct Receipts	...	2,704
												Irrigation share of Land Revenue	...	1,15,000
												Four per cent. on 9/10ths proceeds from sale of occupancy rights in lands.	...	1,701
												Total, Shikarpur Canals District	2,48,122	1,20,165
												GHAR CANALS DISTRICT.		
												Constructing a forest sluice to Jhalil Suddabad Bund for the Irrigation of Adamji's Forest—Works.	823	...
												Constructing a pucca wall with a bullock shed and bath place at Aynogath—Works.	1,020	...
												Ghar Bunds—Repairs	11,038	...
												Ghar Canal—Repairs	4,135	...
												Sukkur Canal—Repairs	4,021	...
												Establishment	1,4,464	...
												Tools and Plant	-831	...
												Share of collection charges	22,134	...
												Direct Receipts	...	323
												Irrigation share of Land Revenue	...	2,21,930
												Four per cent. on 9/10ths proceeds from sale of occupancy rights in lands.	...	28
												Total, Ghar Canals District	48,193	2,22,801
												Carried over	3,67,964	3,68,660

(a) Correction of Rs. 2,073 made subsequently in Canal Return No. VIII-A by Collector Karachi.

(c) Correction of Rs. 2 made subsequently in Canal Return No. VIII-A by the Collector Hyderabad.

General Abstract of Financial Results of Irrigation

		MAJOR WORKS—PRODUCTIVE WORKS.										MINOR WORKS AND NAVIGATION— AND REVENUE ACCOUNTS						
		In operation.										Under Con- struc- tion.	Works not started.	Works				
														Total.	Sukkur Canal.	Ghār Canal.	Sattah Canal.	Alibohar Kacheri Canal.
		Desert Canal.	Unharwāh.	Begāri Canal.	Mahī- wāh.	Easter Nāran Works.	Jāmrao Canal.	Dād Canal.	Nas- rat Canal.	Naula- khi Canal.	Sukkur Barrage works.	Sukkur Canal.	Ghār Canal.							Sattah Canal.	Alibohar Kacheri Canal.	Marak Grent Canal.
		Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.		
Working Expenses.																		
During year...	Direct ...	98,249	45,721	1,69,304	1,24,704	2,63,873	3,73,262	1,40,381	1,82,333	...	...	13,66,689	65,125	1,72,965	6,500	-3,337	27,415
	Indirect...	3,682	1,657	6,321	5,379	13,618	23,295	7,979	7,087	...	...	68,908	1,414	3,290	93	-62	860
Total ...		1,01,931	47,378	1,69,625	1,30,143	3,07,191	3,96,547	1,48,360	1,35,422	...	...	14,35,597	66,539	1,76,165	6,593	-3,399	28,275
To end of year.	Direct ...	37,97,322	13,43,121	56,16,619	9,18,099	77,63,451	67,72,839	15,29,390	15,75,651	...	...	2,63,16,482	26,74,329	84,61,961	1,31,248	67,029	9,80,023
	Indirect ...	86,742	24,119	1,30,704	11,706	2,56,114	3,26,991	43,804	43,197	...	...	9,22,087	76,419	2,08,639	1,469	3,641	30,958
Total ...		38,64,064	13,67,240	57,47,323	9,29,805	80,19,565	60,99,740	15,71,994	16,18,848	...	...	2,62,38,579	27,49,748	86,71,600	1,32,717	90,673	10,10,981
Net Revenue.																		
During year ...		1,64,427	74,123	2,02,636	-1,51,466	2,25,749	3,51,670	-12,803	-46,224	...	...	8,08,312	23,558	4,45,394	8,053	8,443	79,440
To end of year ...		54,24,602	29,38,585	1,13,40,131	1,39,163	1,46,67,266	70,63,360	8,79,194	8,65,249	...	...	4,33,17,580	29,64,615	2,24,33,068	40,920	2,40,403	23,16,777

Works in Sind for, and to end of, 1918-1919—continued.

WORKS FOR WHICH CAPITAL ARE KEPT.				MINOR WORKS AND NAVIGATION—WORKS FOR WHICH ONLY REVENUE ACCOUNTS ARE KEPT.									Expenditure on and Receipts from Agricultural Works for which neither Capital nor Revenue Accounts are kept.		
in operation.				Grand Total.	Shikarpur Canals District.	Western Nara District.	Kardohi Canals District.	Nasrat Canals District.	Hyderabad Canals District.	Fateh Canals District.	Total.		Expenditure.		Receipts.
Surf-travelled.	Fateh Canal.	Hassan-ali Canal.	Total.										Rs.	Rs.	
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.				
												Brought over ...	3,67,904	3,84,700	
												WESTERN NARA DISTRICT.			
												Raising and strengthening Western Nara Bunds from miles 60-0 to 101-4 in Dada Sub-division—Works.	47,300	...	
												Raising and strengthening Nara Bunds from miles 30-5 to 67-3 in Pritohard Sub-division—Works.	40,817	...	
												Raising and Strengthening the Abad Bund from mile 0 to 3—Works.	9,216	...	
												Raising Head walls of sluices along Western Nara Bunds from miles 86-3 to 86-4—Works.	2,200	...	
13,414	2,61,442	12,207	5,55,887	10,22,546	1,83,743	3,55,414	1,71,745 (6)	80,780	1,04,011	39,175	9,05,738	Reconstructing the Beladars abutments along Western Nara Bund—Works.	3,878	...	
												Raising the Western Nara Bund in Lakharia Sub-division miles 3 to 11.	4,970	...	
421	9,438	367	14,721	83,629	...	...	...	...	...	...	...	Acquiring land for the extension of Western Nara Bunds from Phitta to Bohawan—Works.	28,428	...	
												Nara Bunds ... { Works ...	724	...	
												Manhand Bund ... { Repairs ...	1,00,018	...	
												Establishment ...	3,480	...	
13,805	2,69,880	12,654	5,70,578	20,08,175	1,83,743	3,25,414	1,71,745	80,780	1,04,011	39,175	9,05,738	Tools and plant ...	48,484	...	
												Share of collections charges ...	5,611	...	
												Direct Receipts ...	672	...	
												Irrigation share of Land Revenue ...	4,026	...	
												Four per cent. on 1/10ths of proceeds from sale of occupancy rights in lands.	20	...	
												Total, Western Nara District ...	2,84,503	4,870	
												KARACHI CANALS DISTRICT.			
												Preparing fresh designs and estimates for a project for Sukkur Barrage—Works.	8,130	...	
												Examinations and reclassifications of unoccupied land and certain fallow occupied land commanded by Rohit Left and Right Canals—Works.	44,470	...	
5,93,905	88,89,744	3,01,612	2,21,39,941	5,04,46,433	...	...	...	...	...	...	...	Constructing a new sluice at mile 20-4 of Baghar Uchito Bund—Works.	2,371	...	
												Constructing a new sluice at mile 23-4 of Baghar Uchito Bund—Works.	3,280	...	
												Raising and Strengthening Bund Left Bank.	3,074	...	
20,007	2,70,511	9,219	6,20,806	15,42,953	...	...	...	...	...	...	...	Raising and Strengthening Bunds Right Bank in Jerruck Sub-division.	5,108	...	
												Raising and Strengthening Bunds Right Bank Baghar Uchito Bund—Works.	29,406	...	
												Constructing a double pipe sluice in mile 8-5 of Panah Baghar Bund—Works.	250	...	
6,14,002	91,70,255	3,10,831	2,27,50,807	5,18,89,388	...	...	...	...	...	...	...	Constructing a double pipe sluice mile 10-4 of Mulchand Shahabunder Bund, Rajwah to Gungah.	4,516	...	
												Do. 20-4 do. ...	...	...
												Do. 22-1 do. ...	4,114	...	
												Do. 26-3 do. ...	5,030	...	
												Do. 16-2 of Baghar Uchito Bund.	5,225	...	
												Baghar Uchito Bund—Works.	3,015	...	
												Compensation for land acquired for Barrow pits in connection with work of raising and strengthening the Panah Baghar Bund—Works.	903	...	
												Raising and strengthening Baghar Uchito Bund—Works.	436	...	
												Raising and strengthening Baghar Bund—Works.	5,000	...	
												Raising and strengthening Mulchand Shahabunder Bund—Works.	1,103	...	
16,060	3,61,493	26,120	9,87,589	17,75,801	1,40,502	2,56,707	1,03,588	52,777	1,88,421	10,413	8,46,445	Constructing a retired loop at Belo—Repairs.	2,407	...	
												Constructing a loop to Bunds Right Bank Baghar Uchito Bund miles 6 to 8-7—Repairs.	1,81,016	...	
												Bunds Right Bank—Repairs ...	4,652	...	
												Bunds Left Bank—Repairs ...	35,031	...	
												Sattah Canal ... { Works ...	67,958	...	
												Establishment ... { Repairs ...	1,994	...	
												Tools and Plant ...	4,207	...	
												Share of collection charges ...	92,343	...	
												Direct Receipts ...	2,020	...	
6,08,098	1,19,97,105	2,76,869	4,08,94,951	8,42,12,531	...	...	...	...	...	...	...	Irrigation share of Land Revenue ...	8,414	...	
												Four per cent. on 9/10ths of proceeds from sale of occupancy rights in lands.	80,904	...	
												Total, Karachi Canals District ...	4,55,783	35,271	
												Carried over ...	11,12,840	28,640	

(b) Correction of Rs. 134 on account of collection charges due to the correction marked (a) on page 191.

General Abstract of Financial Results of Irrigation

	MAJOR WORKS—PRODUCTIVE WORKS.											MINOR WORKS AND NAVIGATION— AND REVENUE ACCOUNTS				
	In operation.								Under con- struction.	Works not started.	Total.	Works				
	Desert Canal.	Unharwah	Bogdri Canal.	Mah- wah.	Eastern Nara Works.	Jamro Canal.	Dad Canal.	Nas- rat Canal.	Naulakhi Canal.	Sukkur Barrage works.		Sukkur Canal.	Ghar Canal.	Sattah Canal.	Alibahar Kachari Canal.	Marak Great Canal.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
<i>Simple Interest.</i>																
During year	82,203	20,742	82,048	48,070	2,39,697	3,02,226	89,523	62,927	178	—10	9,44,513	...	...	...	...	...
To end of year	27,62,055	7,31,846	31,01,313	7,55,048	1,03,89,830	61,34,409	15,78,307	10,41,184	2,794	—54	2,05,38,923	...	...	...	...	...

Works in Sind for, and to end of, 1918-1919—continued.

WORKS FOR WHICH CAPITAL ARE KEPT.				MINOR WORKS AND NAVIGATION—WORKS FOR WHICH ONLY REVENUE ACCOUNTS ARE KEPT.								Expenditure on and Receipts from Agricultural Works for which neither Capital nor Revenue Accounts are kept.		
in operation.				Grand Total.								Expenditure.	Receipts.	
Sur-frazwāh.	Fulell Canal.	Hasan-all Canal.	Total.		Shikarpur Canals District.	Western Nara District.	Karachi Canals District.	Nasrat Canals District.	Hyderabad Canals District.	Fulell Canals District.	Total.	Rs.	Rs.	
												Brought over	11,13,340	4,38,040
												KARACHI BUILDINGS DISTRICT.		
												Making a survey on the Indus-Works.	33,313	...
												Demarcating the boundaries between Sind and Bahawalpur State-Works.	2,132	...
												Maintenance of steamers, gauges and snagging the Indus—Repairs.	14,743	...
												Store-room at Sukkur—Repairs	43	...
												Excavating a trench in front of Kotri gauge—Repairs.	34	...
												Gauge at Sukkur—Repairs	80	...
												Indus River Commission office Kotri—Repairs.	103	...
												Boat at Hajmore, Khussian, Thul, Kassar, Rajar Pithi, Dalha, Chun and Seer—Repairs.	159	...
												Establishment	7,089	...
												Tools and Plant	—925	...
												Direct Receipts	...	261
												Total, Karachi Buildings District	47,87	261
												NASRAT CANALS DISTRICT.		
												Constructing a Bund from Harburt to Ghoro Alibabar.—Works.	73	...
												Canal Chawky and its subsidiary buildings at Daulatpur—Repairs.	1,267	...
												Bunds in Nasrat—Repairs	2,467	...
												Dad Canal { Works ...	4,008	...
												{ Repairs ...	23,211	...
												Nasrat Canal { Works ...	180	...
												{ Repairs ...	10,700	...
												Establishment	12,509	...
												Tools and Plant	255	...
												Share of collection charges	18,115	...
												Direct Receipts	...	3,546
												Irrigation share of Land Revenue	...	1,52,225
												4 per cent on 9/10th proceeds from sale of occupancy Rights in lands.	...	906
												Total, Nasrat Canals District	68,450	1,60,767
												Carried over	12,20,408	5,86,603

General Abstract of Financial Results of Irrigation

	MAJOR WORKS—PRODUCTIVE WORKS.											MINOR WORKS AND NAVIGATION— AND REVENUE ACCOUNTS				
	In operation.								Under con- struction.	Works not started.	Total.	Works				
	Desert Canal.	Unharwah	Begari Canal.	Mah- wah.	Eastern Nara Works.	Jamroo Canal.	Dad Canal.	Nara- rat Canal.	Naulakhi Canal.	Sukkur Barrage Works.		Sukkur Canal.	Ghar Canal.	Guthi Canal.	Alibabar Kachari Canal.	Marak Great Canal.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Net profit after paying interest.	73															
During year	73,224	47,381	1,10,868	-1,99,545	-13,918	40,444	-1,02,336	-1,08,151	-178	10	-1,36,201	...	...	...	...	...
To end of year	26,02,007	22,06,639	62,36,818	-6,45,880	42,67,330	9,28,041	-6,99,173	-1,75,935	-2,784	54	1,67,80,657	...	...	...	...	...

R. SRINIVASA AYYAR,
Accountant General, Bombay.

STATEMENT
Statement of Area irrigated by Irrigation Works

Name of Canal.	AREA IRRIGATED IN ACRES.			NET AREA IRRIGATED AFTER DEDUCTING AREA IN WHICH REMISSIONS WERE GRANTED.			NUMBER OF DAYS THE CANAL WAS IN FLOW.	
	Kharrif.	Rabi.	Total.	Kharrif.	Rabi.	Total.	Kharrif.	Rabi.
1	2	3	4	5	6	7	8	9
MAJOR WORKS.								
PRODUCTIVE WORKS.								
Shikarpur Canals District.	Máhiwáh ...	26,071	7,041	33,112	23,209	6,858	30,067	100
Begári Canals District.	Desert Canal ...	59,906	69,484	129,390	42,358	64,689	106,997	134
	Unhárwáh ...	85,721	18,241	53,952	30,086	17,009	47,695	117
	Begári Canal ...	148,054	51,523	199,577	117,286	50,464	167,750	142
MINOR WORKS.								
WORKS FOR WHICH CAPITAL AND REVENUE ACCOUNTS ARE KEPT.								
Ghár Canals District.	Sukkur Canal ...	54,494	16,573	71,067	41,475	16,168	57,663	95
	Ghár Canal ...	182,163	90,305	272,468	159,970	89,618	249,588	145
Karáchi Canals District.	Suttah Canal ...	13,490	549	14,039	11,932	540	12,472	107
WORKS FOR WHICH ONLY REVENUE ACCOUNTS ARE KEPT.								
Shikarpur District.	Canals in Rohri...	26,435	6,065	32,500	22,179	6,001	28,180	88
	Sind Canal ...	41,757	12,488	54,245	36,501	12,315	48,816	123
	Rajib Canal ...	3,704	2,535	6,239	2,470	2,517	4,987	113
	Chitti Canal ...	3,269	3,009	6,278	2,438	2,998	5,836	106
	Garang Canal ...	2,371	1,359	3,730	1,909	1,356	3,265	103
Western Nára District.	Western Nára including Nára Feeder and Pritchard Canal.	147,455	67,938	215,393	103,353	65,653	169,006	123
	Marvi ...	2,119	398	2,517	1,264	398	1,662	108
	Dadu Canal ...	6,292	4,332	10,624	4,593	4,332	8,925	114
	Phitta Canal ...	2,677	447	3,124	1,991	342	2,333	120
	Chario Wahur (Aral) including Manchar.	2,583	7,727	10,310	1,720	7,227	8,947	117
Karáchi Canals District.	Canals north of Kotri ...	3,536	2,882	6,418	3,143	2,818	5,961	71
	Wahurwah ...	1,561	239	1,800	1,212	231	1,443	98
	Baghar ...	26,171	3,561	29,732	9,931	3,561	13,492	107
	Pinyári ...	70,733	14,669	85,402	61,325	10,448	71,773	107
	Kalri ...	10,937	1,489	12,426	6,840	1,486	8,326	107
MAJOR WORKS.								
PRODUCTIVE WORKS.								
Jámrao Canal District.	Jámrao Canal ...	159,135	72,201	2,31,336	157,706	70,549	228,255	179
Nasrat Canals District.	Dád Canal ...	76,571	8,691	85,262	74,627	8,583	83,210	97
	Nasrat Canal ...	57,646	1,890	59,536	48,473	1,514	50,287	98
Eastern Nára District.	Mithrao Canal ...	101,216	5,163	106,379	90,842	5,098	95,940	168
	Thar Canal ...	50,134	2,587	52,721	48,247	2,530	50,777	153
	Hiral Canal ...	11,902	530	12,432	11,773	580	12,273	153
	Khipro Canal ...	2,418	1	2,419	1,605	1	1,606	117
MINOR WORKS.								
WORKS FOR WHICH CAPITAL AND REVENUE ACCOUNTS ARE KEPT.								
Hyderabad District.	Alibahar Kacheri ...	9,579	482	10,061	9,003	482	9,485	118
	Great Márak ...	60,785	4,437	65,222	59,480	4,418	63,878	121
	Sarfráz ...	19,252	1,643	20,895	18,151	1,643	19,794	92
Fuleli Canals District.	Fuleli Canal ...	298,780	62,668	361,448	292,049	62,470	354,528	183
	Hasanali Canal ...	16,087	1,274	17,361	14,755	1,248	16,003	129
WORKS FOR WHICH ONLY REVENUE ACCOUNTS ARE KEPT.								
Nasrat Canals District.	Mehrabwah ...	6,464	213	6,682	3,573	179	3,752	93
	Naulakhi ...	38,695	5,329	44,024	29,925	5,325	35,252	98
	Dambro ...	10,955	1,286	12,241	9,798	929	10,727	93

I-E.

in Sind during the year 1918-1919.

AVERAGE DISCHARGE IN CUBIC FEET PER SECOND.				AREA IRRIGATED PER CUBIC FOOT PER SECOND.				Δ = DEPTH OF WATER USED ON AREA IRRIGATED.		Remarks.
At Head.		Utilized.		At Head.		Utilized.				
Kharif.	Rabi.	Kharif.	Rabi.	Kharif.	Rabi.	Kharif.	Rabi.	Kharif.	Rabi.	
10	11	12	13	14	15	16	17	18	19	
C. ft.	C. ft.	C. ft.	C. ft.	Acres.	Acres.	Acres.	Acres.	Feet.	Feet.	20
Bank Division.										
1,026		1,026		29		29		6.89		
1,545		1,545		69		69		3.83		
1,022		1,022		47		47		4.98		
4,063		4,063		41		41		6.92		
1,474 | 84	1,474 | 84	28 | 193	28 | 193	6.78 | 1.43						
3,801	3,801	66	66	4.89						
526	526	24	24	6.93						
731	731	39	39	4.51						
1,251	1,251	39	39	6.26						
102	102	49	49	4.61						
94	94	62	62	3.42						
49	49	67	67	3.07						
3,705	3,705	46	46	5.35						
47	47	35	35	6.17						
79	79	30	30	8.0						
1,470	1,470	6	6	3.9						
52	52	115	115	1.23						
42	42	34	34	5.76						
3,538	Not known	4	...	53.5						High delta in Baghar is due to large quantity of water running to waste into the sea for want of regulators.
2,223	2,223	32	32	6.69						
389	389	21	21	10.19						
Bank Division.										
2,515 | 1,053	2,515 | 1,053	63.2 | 68.5	63.2 | 68.5	5.6 | 5.31						During the rabi season 110,856 acres of cotton—a kharif crop—were also watered for a few months.
3,239	3,139	26	26	7.4						An average discharge of 100 cusecs was wasted at the falls of Dad and the Yarowah.
1,315	1,315	38	38	5.1						Includes also area irrigated on Ren Distributary ex-Dad in the Hyderabad Canals District.
1,774 | 239	1,774 | 239	51 | 21	51 | 21	6.6 | 5.9						
966	966	53	53	5.3						
174	174	71	71	4.3						
41	41	39	39	6.0						
336	336	28	28	8.4						
835	835	76	76	3.2						
243	243	81	81	2.3						
5,909 | 1,524	5,901 | 1,388	49 | 41	49 | 45	7.5 | 5.9						
521	521	29	28	9.2						
62	62	108	108	1.7						
1,268	1,268	35	35	5.6						
211	211	68	58	3.2						

STATEMENT II-E.

Statement showing Incidence of Working Expenses on Assessed Revenue on Canals in Sind, during the year 1918-1919.

Name of Canal.	Average discharge of the year at Canal Head in cubic feet per second.	WATER-RATE ASSESSED DURING 1918-1919.					Gross Assessed Revenue from all sources.	Working Expenses, Direct and Indirect.	Area irrigated during the year	WORKING EXPENSES.		90 PERCENT. OF NET CONSOLIDATED ASSESSMENT.		TOTAL WATER RATE, DIRECT AND INDIRECT.	
		Occupier's.	Owner's.	Total, Direct.	Indirect.	Total, Direct and Indirect.				Per cent. on Gross Revenue.	Per acre irrigated.	Per cubic foot per second of discharge at Canal Head.	Per acre irrigated.	Per cubic foot per second of discharge at Canal Head.	Per acre irrigated.
1	2	3	4	5	6	7	8	9	10*	11	12	13	14	15	16
MAJOR WORKS.															
Productive Works.															
Shikarpur Canals District. Mahiwhā ...	1,028	388	...	388	83,181	83,569	85,030	1,51,423	32,103	178'06	4'72	147'69	2'40	77'97	2'60
Begri Canals District. { Desert Canal ...	1,545	70,943	...	70,943	1,95,244	2,66,186	2,70,419	1,01,031	131,302	37'69	0'64	95'97	2'24	124'89	2'20
Begri Canals District. { Unahriwhā ...	1,022	143	...	143	1,20,303	1,20,446	1,20,993	47,378	51,739	39'10	0'61	40'36	2'37	114'74	2'33
Begri Canals District. { Begri Canals ...	4,068	24,533	...	24,533	5,83,134	4,07,067	4,12,334	1,77,339	169,693	43'03	1'05	43'60	2'60	91'86	2'40
Jāmrao Canal District. Jāmrao Canal ...	1,773	1,546	...	1,546	7,11,167	7,12,713	7,42,526	3,94,547	223,939	59'40	1'77	223'66	2'89	360'53	3'18
Nasrat Canals District. { Dad Canal ...	3,239	1,911	...	1,911	2,08,340	2,10,251	2,12,269	1,23,509	82,543	91'19	2'34	69'78	2'66	61'82	2'54
Nasrat Canals District. { Nasrat Canal ...	1,316	56	...	56	1,65,472	1,66,528	1,67,470	1,55,230	69,383	92'69	2'61	118'03	2'64	115'36	2'78
Eastern Nāra District. { Mithrao Canal ...	1,359	482	...	482	2,70,168	2,70,650	2,77,822	1,48,772	105,104	53'56	1'41	100'47	2'59	198'50	2'57
Eastern Nāra District. { Thar Canal ...	966	1,771	...	1,771	1,46,038	1,47,857	1,52,240	43,369	51,890	28'49	0'83	44'89	2'98	150'91	2'35
Eastern Nāra District. { Eastern Nāra ...	...	1,623	...	1,623	64,370	55,893	62,511	1,01,036	57,307	161'93	2'70	...	1'39	...	...
Eastern Nāra District. { Hiral Canal ...	174	...	...	...	41,220	41,830	41,948	14,355	12,335	34'18	1'16	62'56	3'15	223'57	3'39
Total, Major Works ...	...	1,03,335	...	1,03,385	23,79,185	24,82,670	25,45,516	15,30,997	947,212	60'16	1'62	...	2'47	...	2'62
MINOR WORKS.															
<i>Works for which Capital and Revenue Accounts are kept.</i>															
Ghar Canals District. { Sukkur Canal ...	1,558	1,008	...	1,008	1,69,460	1,70,468	1,74,501	79,901	59,872	45'79	1'33	61'28	2'35	108'22	2'95
Ghar Canals District. { Ghar Canal ...	3,801	2,731	...	2,731	7,43,774	7,46,495	7,59,769	1,95,008	199,808	26'83	0'98	61'30	3'78	193'68	3'73
Karachi Canals District. Sattah Canal ...	528	47	...	47	30,783	30,816	30,817	15,812	13,061	51'33	1'16	30'07	2'30	56'77	2'36
Hyderabad Canals District. { Alibahar Bacher ...	336	339	...	338	21,517	21,875	22,232	8,367	9,970	39'40	0'59	17'46	2'35	61'06	2'10
Hyderabad Canals District. { Great Mirak ...	833	2,131	...	2,131	1,61,242	1,63,413	1,65,792	51,890	64,837	31'10	0'79	61'99	2'98	189'07	2'62
Hyderabad Canals District. { Sarfraz ...	243	1,256	...	1,266	46,730	47,958	50,101	21,636	20,730	43'28	1'04	89'24	2'47	186'98	2'81
Fuleli Canals District. { Fuleli Canal ...	3,557	30,625	...	30,625	8,33,633	8,64,258	8,80,490	3,88,241	363,793	43'67	1'06	108'58	2'78	230'10	2'44
Fuleli Canals District. { Hasamli Canal ...	521	318	...	318	43,896	44,204	44,657	16,112	17,006	36'07	0'94	30'02	2'63	82'60	2'69
Total, Minor Works ...	...	38,464	...	38,464	30,51,050	30,89,514	31,27,306	7,72,310	739,837	36'31	1'04	...	3'13	...	2'82
Grand Total ...	...	1,41,843	...	1,41,849	44,30,235	45,72,084	46,73,822	33,03,307	1,687,048	49'28	1'37	...	2'80	...	2'71

* Note.—The figures of area given in this column are exclusive of Dubari cultivation.

STATEMENT III—E.

STATEMENT III-E.

Statement of Quantity and Value of Crops irrigated in Sind during the year 1918-1919.

Description of Crops.		BEGÁRI CANALS DISTRICT.								
		Desert Canal.			Unhárwah.			Begári Canal.		
		Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.
1		2	3	4	5	6	7	8	9	10
		Acres.	Rs.	Rs.	Acres.	Rs.	Rs.	Acres.	Rs.	Rs.
Kharif	Rice	15,626	6,38,011	41	2,338	1,19,839	51	68,576	24,59,611	36
	Jowári	20,984	9,84,806	47	5,971	2,00,154	34	52,530	12,83,678	24
	Báji	20,713	8,56,152	41	26,412	9,97,950	38	23,075	5,16,737	22
	Cotton	87	12,942	149	89	21,120	237	57	3,868	68
	Other crops	2,496	89,489	36	911	25,683	28	3,816	1,50,933	40
	Total	59,906	25,81,400	43	35,721	13,64,251	38	148,054	44,14,827	30
Rabi	Wheat	32,935	20,24,007	62	10,368	7,14,488	69	11,822	7,77,752	66
	Barley	10	420	42	9	355	39	15	630	42
	Oil-seeds	14,859	4,53,646	31	1,655	80,710	49	5,287	92,260	17
	Other crops	21,630	7,70,430	36	6,209	1,90,047	31	34,399	7,39,130	21
	Total	69,434	32,48,503	47	18,241	9,85,600	54	51,523	16,09,772	31
Total under both Heads		129,340	58,29,903	45	53,962	23,49,851	44	199,577	60,24,599	30

Description of Crops.		BEGÁRI CANALS DISTRICT—concluded.						SHIKÁRPUR CANALS DISTRICT.		
		Canals from Káshmir Band.			Total.			Máhiwáh.		
		Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.
1		11	12	13	14	15	16	17	18	19
		Acres.	Rs.	Rs.	Acres.	Rs.	Rs.	Acres.	Rs.	Rs.
Kharif	Rice	540	10,692	20	87,080	32,27,653	37	2,499	17,154	7
	Jowári	634	16,286	26	80,119	24,84,924	31	14,943	44,451	3
	Báji	1,253	33,103	26	71,453	24,03,947	34	6,898	20,693	3
	Cotton	48	5,784	121	281	43,714	156	230	2,680	12
	Other crops	91	658	7	7,314	2,66,768	36	1,501	58,237	39
	Total	2,566	66,528	26	246,247	84,27,006	34	26,071	1,43,215	5
Rabi	Wheat	1,239	78,433	63	56,364	35,94,685	64	5,833	1,08,002	19
	Barley	3	123	41	37	1,528	41	68	1,913	28
	Oil-seeds	69	1,365	20	21,870	6,27,981	29	322	4,505	14
	Other crops	345	5,922	17	62,583	17,05,529	27	818	32,600	40
	Total	1,656	85,848	52	140,854	59,29,723	42	7,041	1,47,020	21
Total under both Heads		4,222	1,52,376	36	387,101	1,43,56,729	37	33,112	2,90,235	9

STATEMENT III-E—continued.

SHIKÁRPUR CANALS DISTRICT—continued.										
Description of Crops.	Canals in Rohri.			Sind Canal.			Rajib Canal.			
	Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.	
1	20	21	22	23	24	25	26	27	28	
	Acres.	Rs.	Rs.	Acres.	Rs.	Rs.	Acres.	Rs.	Rs.	
Kharif ...	{ Rice ...	3,667	44,769	12	20,477	2,97,665	15	2,366	18,928	8
	{ Jowári ...	19,545	69,654	4	17,433	1,24,005	7	1,066	5,830	5
	{ Báji ...	737	2,170	3	1,162	10,379	9	...	...	...
	{ Cotton ...	463	11,450	25	98	2,760	28	27	270	10
	{ Other crops ...	2,023	87,910	43	2,587	78,577	30	245	8,330	34
Total ...	26,435	2,15,053	8	41,757	5,13,386	12	3,704	32,858	9	
Rabi ...	{ Wheat ...	5,137	1,47,913	29	5,407	1,54,945	29	1,207	48,152	40
	{ Barley ...	56	1,467	26	4	80	20	2	40	20
	{ Oil-seeds ...	198	5,901	30	582	7,206	12	33	594	18
	{ Other crops ...	674	28,374	42	6,495	1,14,673	18	1,298	28,446	22
Total ...	6,065	1,83,655	30	12,488	2,76,904	22	2,535	77,232	30	
Total under both Heads ...	32,500	3,98,708	12	54,245	7,90,290	15	6,239	1,10,090	18	

SHIKÁRPUR CANALS DISTRICT—continued.									
Description of Crops.	Chitti Canal.			Garang Canal.			Banda in Rohri.		
	Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.
1	29	30	31	32	33	34	35	36	37
	Acres.	Rs.	Rs.	Acres.	Rs.	Rs.	Acres.	Rs.	Rs.
Kharif	Rice	1,646	13,168	8	401	3,208	8	...	...
	Jowári	1,242	6,210	5	1,718	8,590	5	29	58
	Báji	2	22	11	15	165	11	...	...
	Cotton	6	60	10	33	330	10	1	20
	Other crops	373	12,682	34	204	6,936	34	14	420
Total	3,269	32,142	10	2,371	19,229	8	44	498	11
Rabi	Wheat	1,541	61,640	40	710	28,400	40	60	1,500
	Barley	1	20	20	1	20	20	...	...
	Oil-seeds	64	1,152	18	28	504	18	...	...
	Other crops	1,403	30,868	22	620	13,640	22	...	...
Total	3,009	93,678	31	1,359	42,564	31	60	1,500	25
Total under both Heads	6,278	1,25,820	20	3,730	61,793	17	104	1,998	19

STATEMENT III-E—continued.

Description of Crops.		SHEKÁRPUR CANALS DISTRICT—concluded.								
		Sukkur Begári Bund.			Kásimpur Bund.			Total.		
		Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.
1		38	39	40	41	42	43	44	45	46
		Acres.	Rs.	Rs.	Acres.	Rs.	Rs.	Acres.	Rs.	Rs.
Kharif	Rice ...	357	2,856	8	...	...	...	31,413	3,97,748	13
	Jowári ...	965	4,960	5	463	1,389	3	57,404	2,64,647	5
	Bájrí ...	44	547	12	1	3	3	8,859	33,979	4
	Cotton ...	59	620	11	2	60	30	919	18,250	20
	Other crops ...	278	9,450	34	1	56	56	7,226	2,61,698	36
Total ...		1,703	18,433	11	467	1,508	3	105,821	9,76,322	9
Rabi	Wheat ...	862	33,760	39	87	2,610	30	20,844	5,86,922	28
	Barley ...	...	...	...	...	...	...	132	3,540	27
	Oil-seeds ...	23	414	18	...	...	...	1,250	20,276	16
	Other crops ...	781	17,178	22	1	56	56	12,085	2,65,833	22
Total ...		1,666	51,352	31	88	2,666	30	34,311	8,76,571	26
Total under both Heads ...		3,369	69,785	21	555	4,174	8	140,132	18,52,893	13

Description of Crops.		GHÁR CANALS DISTRICT.								
		Sukkur Canal.			Ghár Canal.			Ghár Bunds.		
		Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.
1		47	48	49	50	51	52	53	54	55
		Acres.	Rs.	Rs.	Acres.	Rs.	Rs.	Acres.	Rs.	Rs.
Kharif	Rice ...	39,097	6,96,688	18	159,200	32,46,202	20	1	8	8
	Jowári ...	13,462	1,18,239	9	18,667	1,62,016	9	170	850	5
	Bájrí ...	655	4,169	6	534	2,591	5	4	33	9
	Cotton ...	32	898	28	76	4,990	66	...	...	...
	Other crops ...	1,258	19,204	15	3,686	68,039	18	82	2,788	34
Total ...		54,494	8,39,198	15	182,163	34,88,838	19	257	3,684	14
Rabi	Wheat ...	8,192	2,47,825	30	24,511	5,28,533	22	168	6,320	40
	Barley ...	13	201	15	48	510	11	1	20	20
	Oil-seeds ...	985	10,428	11	13,500	1,04,482	8	3	54	18
	Other crops ...	7,383	1,07,242	15	52,246	6,96,001	13	34	748	22
Total ...		16,573	3,65,696	22	90,305	13,29,526	15	196	7,142	36
Total under both Heads ...		71,067	12,04,894	17	272,468	48,13,364	17	453	10,826	24

STATEMENT III-B—continued.

Description of Crops.		GRAN CANALS DISTRICT—consolid.			KARA'CHI CANALS DISTRICT.			WESTERN NARA DISTRICT.		
		Total.			Canals and Bunde.			Canals and Bunde.		
		Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value..	Value per acre.	Area irrigated.	Estimated value.	Value per acre.
1		56	57	58	59	60	61	62	63	64
		Acres.	Rs.	Rs.	Acres.	Rs.	Rs.	Acres.	Rs.	Rs.
Kharif	... { Rice	198,298	39,42,888	20	174,161	69,66,440	40	119,932	13,86,436	11
	... { Jowari	32,289	2,81,105	9	587	17,610	30	40,516	3,74,410	9
	... { Bajri	1,193	6,795	6	5,926	1,77,780	30	3,509	76,682	22
	... { Cotton	108	5,888	55	72	7,200	100	353	9,792	28
	... { Other crops	5,026	90,031	18	5,892	1,17,840	20	3,269	41,969	13
Total		236,914	43,26,720	18	186,638	72,86,870	39	167,579	18,39,289	11
Rabi	... { Wheat	32,861	7,82,678	24	129	3,870	30	32,739	4,79,809	15
	... { Barley	62	731	12	5,107	2,04,280	40	2,216	41,797	19
	... { Oil-seeds	14,488	1,14,964	8	13,092	2,61,840	20	13,629	1,21,815	9
	... { Other crops	59,663	8,03,991	13	8,332	2,49,960	30	35,653	2,58,935	7
Total		107,074	17,02,364	16	26,660	7,19,950	27	84,237	9,02,356	11
Total under both Heads		343,988	60,29,084	18	213,298	80,06,820	38	251,816	27,41,645	11

Description of Crops.		INDUS RIGHT BANK DIVISION.			JÁMRA'O CANAL DISTRICT.			EASTERN NÁRA DISTRICT.		
		Total.			Jámrao Canal.			Nára Supply Channel.		
		Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.
1		65	66	67	68	69	70	71	72	73
		Acres.	Rs.	Rs.	Acres.	Rs.	Rs.	Acres.	Rs.	Rs.
Kharif	{ Rice	610,884	1,58,71,175	26	5	200	40	439	2,195	5
	{ Jowári	210,915	34,22,696	16	3,961	2,06,602	52	706	2,118	3
	{ Bájri	90,940	26,99,186	30	37,386	8,97,302	24	48	144	3
	{ Cotton	1,733	84,844	49	110,855	1,28,22,200	116	2	60	30
	{ Other crops	28,727	7,78,306	27	6,928	1,88,862	29	182	10,192	56
Total		943,199	2,28,56,207	24	159,135	1,41,25,166	89	1,377	14,709	11
Rabi	{ Wheat	142,937	54,47,964	38	48,145	27,71,508	58	6,813	2,04,390	30
	{ Barley	7,554	2,51,876	33	721	31,588	44	12	360	30
	{ Oil-seeds	64,329	11,46,876	18	1,570	33,291	21	338	13,520	40
	{ Other crops	178,316	32,84,248	18	21,765	5,85,538	27	1,604	89,824	56
Total		393,136	1,01,30,964	26	72,201	34,21,985	47	8,767	3,08,094	35
Total under both Heads		1,336,335	3,29,87,171	25	231,336	1,75,47,151	76	10,144	3,22,803	32

STATEMENT III-E—continued.

Description of Crops.		EASTERN NARA DISTRICT—continued.								
		Eastern Nára.			Mithráo Canal.			Thar Canal.		
		Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.
1		74	75	76	77	78	79	80	81	82
		Acres.	Rs.	Rs.	Acres.	Rs.	Rs.	Acres.	Rs.	Rs.
Kharif	Rice ...	10,098	7,31,809	72	48,986	29,19,151	60	41,811	16,64,601	40
	Jowári ...	46	1,044	23	283	5,216	18	31	790	25
	Bájrí ...	7,437	2,49,882	34	10,431	3,00,483	29	1,649	39,439	24
	Cotton ...	4,279	4,10,815	96	40,992	40,07,706	98	6,273	6,27,300	100
	Other crops...	110	2,279	21	524	10,963	21	370	12,411	34
	Total ...	21,970	13,95,829	64	1,01,216	72,43,519	72	50,134	23,44,541	47
Rabi	Wheat ...	1,533	79,215	52	2,899	83,021	29	1,034	37,095	36
	Barley ...	67	2,253	34	44	1,166	27	177	3,186	18
	Oil-seeds ...	639	9,332	15	433	5,715	13	335	3,015	9
	Other crops...	1,439	27,089	19	1,787	32,168	18	1,041	36,559	35
	Total ...	3,678	1,17,939	32	5,163	1,22,070	24	2,587	79,855	31
Total under both Heads ...		25,648	15,13,768	59	1,06,379	73,65,589	69	52,721	24,24,396	46

Description of Crops.		EASTERN NARA DISTRICT—continued.					
		Khipro Canal.			Hiral Canal.		
		Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.
1		83	84	85	86	87	88
		Acres.	Rs.	Rs.	Acres.	Rs.	Rs.
Kharif	Rice ...	598	48,139	81	5,002	1,20,048	24
	Jowári ...	6	148	25	21	704	34
	Bájrí ...	1,345	52,343	39	2,429	76,514	32
	Cotton ...	419	38,269	91	4,295	3,73,665	87
	Other crops...	50	966	19	155	4,650	30
	Total ...	2,418	1,39,865	58	11,902	5,75,581	48
Rabi	Wheat ...	...	...	...	292	7,738	27
	Barley ...	...	...	...	1	20	20
	Oil-seeds ...	...	...	...	127	1,143	9
	Other crops...	1	18	18	110	2,185	20
	Total ...	1	18	18	530	11,086	21
Total under both Heads ...		2,419	1,39,883	58	12,432	5,86,667	47

STATEMENT III-E—continued.

Description of Crops.		EASTERN NARA DISTRICT—conold.			NASRAT CANALS DISTRICT.					
		Total.			Dad* Canal.			Nasrat Canal.		
		Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.
1		89	90	91	92	93	94	95	96	97
		Acres.	Rs.	Rs.	Acres.	Rs.	Rs.	Acres.	Rs.	Rs.
Kharif	Rice ...	106,934	54,85,943	51	15,114	8,53,953	23	185	3,180	17
	Jowari ...	1,093	10,020	9	20,372	4,06,496	19	26,566	76,340	3
	Bajri ...	23,339	7,18,805	31	27,087	7,75,884	29	8,107	40,792	5
	Cotton ...	56,260	54,57,815	97	8,642	5,08,719	59	18,056	8,74,116	48
	Other crops ...	1,891	41,461	30	4,856	1,33,332	27	4,732	62,575	13
	Total ...	189,017	1,17,14,044	62	76,571	21,78,384	28	57,646	10,57,003	18
Rabi	Wheat ...	12,571	4,11,459	33	3,318	1,31,003	89	456	23,659	52
	Barley ...	301	6,985	23	593	17,458	29	6	162	27
	Oil-seeds ...	1,872	32,775	18	1,862	75,194	40	718	10,906	15
	Other crops ...	5,982	1,87,843	31	2,918	40,802	14	710	10,806	15
	Total ...	20,726	6,39,062	31	8,691	2,64,457	30	1,890	45,583	24
Total under both Heads ...		209,743	123,53,106	59	85,262	24,42,841	29	59,536	11,02,536	18

* Includes also figures for Ren Distributary ex-Dad which is in charge of the Executive Engineer, Hyderabad Canals District.

Description of Crops.		NASRAT CANALS DISTRICT—concluded.						HYDERABAD CANALS DISTRICT.		
		Other Canals.			Total.			Alibahar Kacheri.		
		Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.
1		98	99	100	101	102	103	104	105	106
		Acres.	Rs.	Rs.	Acres.	Rs.	Rs.	Acres.	Rs.	Rs.
Kharif	Rice ...	7,353	1,54,288	21	22,652	5,11,421	23	398	9,552	24
	Jowari ...	42,268	1,93,409	5	89,706	6,78,245	8	569	8,320	15
	Bajri ...	9,237	76,421	8	44,431	8,93,037	20	5,838	1,08,810	19
	Cotton ...	2,202	69,856	32	28,900	14,52,691	50	2,640	1,61,850	61
	Other crops ...	1,917	59,747	31	11,505	2,56,654	22	134	3,120	23
	Total ...	62,977	5,53,721	9	197,194	37,89,108	19	9,579	2,91,652	31
Rabi	Wheat ...	7,440	2,54,493	34	11,214	4,09,155	36	117	5,700	49
	Barley ...	527	11,646	22	1,125	29,266	26	3	72	24
	Oil-seeds ...	407	8,974	22	2,987	95,074	32	45	1,884	42
	Other crops ...	1,031	16,456	16	4,659	68,064	15	317	6,406	20
	Total ...	9,405	2,91,569	31	19,986	6,01,559	30	482	14,062	29
Total under both Heads ...		72,382	8,45,290	11	217,180	43,90,667	20	10,061	3,05,714	30

STATEMENT III-E—continued.

Description of Crops.		HYDERABAD CANALS DISTRICT—continued.								
		Great Márah.			Sarfras.			Other Canals.		
		Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.
1		107	108	109	110	111	112	113	114	115
		Acres.	Rs.	Rs.	Acres.	Rs.	Rs.	Acres.	Rs.	Rs.
Kharif	Rice ...	6,020	1,80,240	30	1,189	27,598	24	1,570	55,390	35
	Jowári ...	1,542	17,278	11	362	7,078	19	2,691	51,291	19
	Báji ...	20,147	3,70,895	12	9,894	1,84,953	19	69,103	16,07,846	23
	Cotton ...	22,104	20,50,140	93	7,442	3,17,770	43	45,268	24,84,788	54
	Other crops ...	972	31,618	33	415	10,812	26	3,442	1,29,784	38
	Total ...	60,785	26,50,171	43	19,252	5,48,211	28	122,074	42,99,099	35
Rabi	Wheat ...	548	24,041	44	176	3,808	22	1,592	66,867	42
	Barley ...	...	...	...	...	...	...	3	45	15
	Oil-seeds ...	576	20,195	35	126	5,238	42	293	9,578	33
	Other crops ...	3,313	38,073	11	1,341	20,018	15	14,810	2,43,003	16
	Total ...	4,437	82,309	19	1,643	29,064	17	16,698	3,19,493	19
Total under both Heads ...		65,222	27,32,480	42	20,895	5,77,275	27	138,772	46,18,592	33

Description of Crops.		HYDERABAD CANALS DISTRICT—concluded.			FULBULI CANALS DISTRICT.					
		Total.			Fuleli Canal.			Hassanali Canal.		
		Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.
		116	117	118	119	120	121	122	123	124
		Acres.	Rs.	Rs.	Acres.	Rs.	Rs.	Acres.	Rs.	Rs.
Kharif	Rice ...	9,127	2,72,780	30	211,521	52,49,241	25	12,814	2,05,024	16
	Jowári ...	5,164	83,967	16	3,111	54,889	18	50	400	8
	Báji ...	114,982	22,72,504	20	49,555	7,84,229	16	2,646	31,752	12
	Cotton ...	77,454	49,84,548	64	28,674	9,64,884	34	407	6,105	15
	Other crops ...	4,963	1,75,334	35	5,919	2,19,180	37	170	6,564	39
	Total ...	211,690	77,89,133	37	298,780	72,72,423	24	16,087	2,49,845	16
Rabi	Wheat ...	2,433	1,00,416	41	10,311	2,23,201	21	27	432	16
	Barley ...	6	117	20	2,358	52,924	22	73	667	9
	Oil-seeds ...	1,040	36,835	35	29,114	5,34,204	18	935	16,830	18
	Other crops ...	19,781	3,07,500	16	20,385	3,28,955	15	239	3,018	13
	Total ...	23,260	4,44,928	19	62,666	11,39,284	18	1,274	20,937	16
Total under both Heads ...		234,950	82,34,061	35	361,448	84,11,707	23	17,361	2,70,782	16

STATEMENT III-E—concluded.

Description of Crops,		FUELI CANALS DISTRICT—concluded.					
		Other Canals.			Total.		
		Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.
1		125	126	127	128	129	130
		Acres.	Rs.	Rs.	Acres.	Rs.	Rs.
Kharif	{ Rice ...	11,120	2,82,770	25	235,455	57,37,035	24
	{ Jowári ...	114	1,644	14	3,275	56,938	17
	{ Bājri ...	6,234	90,459	15	58,435	9,06,440	16
	{ Cotton ...	1,735	38,651	22	30,816	10,09,640	33
	{ Other crops ...	221	8,516	39	6,310	2,34,260	37
	Total ...	19,424	4,22,040	22	384,291	79,44,808	24
Rabi	{ Wheat ...	65	1,214	19	10,403	2,24,847	22
	{ Barley ...	159	2,211	14	2,590	55,792	22
	{ Oil-seeds ...	1,299	16,111	12	31,348	5,67,145	18
	{ Other crops ...	1,476	11,145	8	22,600	3,43,118	15
	Total ...	2,999	30,681	10	66,941	11,90,902	18
Total under both Heads ...		22,423	4,52,721	20	401,232	91,35,210	23

Description of Crops.		INDUS LEFT BANK DIVISION.			GRAND TOTAL FOR SIND.		
		Total.					
		Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.
		131	132	133	134	135	136
		Acres.	Rs.	Rs.	Acres.	Rs.	Rs.
Kharif	{ Rice ...	374,173	1,20,07,379	32	985,057	2,78,78,554	28
	{ Jowári ...	103,199	10,33,767	10	314,114	44,56,463	14
	{ Bājri ...	278,573	56,88,148	20	369,513	83,87,334	22
	{ Cotton ...	304,285	2,57,26,894	84	306,018	2,58,11,738	84
	{ Other crops ...	31,097	9,05,571	29	59,824	16,83,877	28
	Total ...	1,091,327	4,53,61,759	41	2,034,526	6,82,17,966	33
Rabi	{ Wheat ...	84,766	39,17,385	46	227,703	93,65,349	41
	{ Barley ...	4,744	1,23,748	26	12,298	3,75,624	30
	{ Oil-seeds ...	38,817	7,65,180	19	103,146	19,12,056	18
	{ Other crops ...	74,787	14,92,123	20	253,103	47,76,371	19
	Total ...	203,114	62,98,436	31	596,250	1,64,29,400	27
Total under both Heads ...		1,294,441	5,16,60,195	39	2,630,776	8,46,47,366	32

STATEMENT

Comparative Statement of Irrigation and Rainfall for

Civil District.	OF THE CIVIL DISTRICT.			WORKS SUPPLYING IRRIGATION.		Culturable Area commanded by the Irrigation Works, in column 6 in Acres.
	Total Area in Acres.	Culturable Area in Acres.	Cultivated Area in Acres.	No.	Name.	
1	2	3	4	5	6	7
Khelat Territory.	513,195	276,920	85,140	1	Desert Canal	101,493
				2	Begári Canal	180,000
				Total		281,493
Upper Sind Frontier.	1,702,443	1,229,189	343,070	3	Desert Canal	287,492
				4	Unharwah	214,056
				5	Begári Canal	476,887
				6	Canals from Kashmir Bund	29,401
				7	Sukkur Canal	50,618
				8	Ghár Canal	53,714
				9	Sind Canal	4,119
Sukkur Collectorate.	3,604,805	1,924,760	211,765	10	Canals in Rohri	...
				Total		1,056,287
				11	Begári Canal	83,334
				12	Sukkur Canal	58,056
				13	Ghár Canal	942
				14	Ghár Bunds	2,940
				15	Mahiwah	145,445
				16	Sind Canal	186,919
				17	Canals in Rohri	146,498
				18	Garang Canal	17,900
				19	Rajib Canal	12,400
				20	Chitti Canal	18,200
				21	Bunds in Rohri	450
				22	Sukkur-Begári Bund	19,268
Larkana Collectorate.	1,835,035	1,249,484	421,207	23	Kásimpur Bund	5,000
				24	Nára Supply Channel	25,000
				Total		722,352
				25	Begári Canal	300
				26	Sukkur Canal	60,620
				27	Ghár Canal	375,822
				28	Ghár Bunds	220
				29	Sind Canal	87
				30	Western Nára	333,505
				31	New Feeder	1,600
				32	Pritchard Canal	21,011
				33	Wahurwah	7,200
				34	Marvi	9,721
				35	Dadu Canal	30,654
Karachi Collectorate.	5,498,556	1,663,867	266,692	36	Phitta Canal	14,460
				37	Manchar	21,500
				38	Aral	11,000
				39	Nára Bunds	10,005
				Total		902,945
				40	Canals north of Kotri	21,780
				41	Bunds north of Kotri	1,150
				42	Kalri	36,130
				43	Baghar	67,158
				44	Indus Canal, Right Bank	80,646
				45	Pinjari	138,002
				46	Indus Canal, Left Bank	147,391
				47	Satrah	60,976
				48	Bunds, Right Bank	8,740
				49	Bunds, Left Bank	23,520
				50	Other Canals (Mulchand)	14,601
				Total		600,804

IV-E.

the years 1917-1918 and 1918-1919 in Sind.

Area at present estimated as an usually irrigated by the works, specified in column 8.	AREA IRRIGATED IN ACRES.						RAINFALL.		Remarks.
	1917-1918.			1918-1919.			1917-1918.	1918-1919.	
	Kharif.	Rabi.	Total.	Kharif.	Rabi.	Total.			
	8	9	10	11	12	13	14	15		16	17
Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Ins. cts.	Ins. cts.	
65,000	12,915	36,316	49,231	11,532*	25,837*	37,369*	9 11	1 36	*Excludes Kharaba and uncultivated areas assigned by the Political Agent, Sibi, as under:—
30,000	12,302	6,888	19,190	8,252*	3,598*	11,850*	11 62	2 08	
96,000	25,217	43,204	68,421	19,784*	29,435*	49,219*			Kharif, Rabi. Total.
									Desert Canal. 2,705 10,346 20,161
									Begari Canal. 12,939 2,061 16,740
130,000	78,215	78,833	157,048	43,374	43,597	91,971	9 11	1 36	
70,000	45,576	44,346	89,922	35,721	18,241	53,962	6 64	1 5	
200,000	129,603	118,957	247,560	107,370	39,551	146,921	11 62	2 03	
4,000	2,460	2,687	5,147	2,666	1,666	4,222	11 49	1 96	
36,587	11,678	19,718	31,391	8,167	3,086	11,253	15 49	4 30	
20,185	9,706	7,824	17,530	8,534	870	9,404	15 48	4 30	
...	120	20	140	103	...	103	...	...
...	
460,772	277,358	271,680	549,038	210,835	106,951	317,786			
50,000	41,777	23,189	63,966	32,393	8,374	40,767	11 62	2 08	
49,168	17,749	11,333	29,082	14,429	6,776	20,205	12 93	0 96	
550	233	352	585	394	39	433	17 77	0 96	
1,900	150	325	475	257	198	453	17 77	0 96	
99,000	30,171	36,621	66,792	26,071	7,041	33,112			
111,372	56,771	39,157	95,928	41,654	12,438	54,142			
89,968	26,453	28,051	54,504	26,435	6,055	32,500			
9,500	2,340	4,700	7,040	2,371	1,359	3,730			
11,300	4,799	5,671	10,470	8,704	2,535	6,239	10 31	5 43	
14,500	4,638	6,910	11,548	3,269	3,009	6,278			
180	27	122	149	44	60	104			
13,000	2,318	8,348	10,666	1,703	1,666	3,369			
4,000	452	735	1,187	467	88	555			
23,000	1,848	13,110	14,958	1,377	8,767	10,144	...	...
470,436	189,726	177,624	367,350	154,568	57,463	212,031			
126	...	...	...	39	...	39	11 62	2 08	
49,359	38,937	29,733	68,670	31,898	7,761	39,659	17 77	0 43	
317,147	195,457	127,638	324,095	173,235	89,396	262,631	14 9	2 00	
75	...	78	73	...	...	...	17 18	1 26	
80	...	...	...	...	...	...	...	...
266,543	183,642	120,892	304,534	142,276	66,786	209,622			
1,600	532	209	741	445	102	547			
19,000	7,922	3,004	10,926	4,734	1,050	5,784			
5,180	1,583	2,050	3,633	1,561	239	1,800			
6,700	2,078	2,402	4,480	2,119	398	2,517	15 88	0 97	
21,550	7,827	10,830	18,657	6,292	4,322	10,624			
14,400	4,009	6,149	10,158	2,677	447	3,124			
26,500	1,644	6,912	8,556	1,021	4,351	5,372			
8,000	2,740	10,075	12,815	1,662	8,376	4,938			
7,963	1,020	2,262	3,282	1,356	217	1,673			
738,072	448,191	322,229	770,420	369,215	178,455	547,670			
12,963	6,218	6,144	12,362	3,536	2,852	6,418	15 88	0 97	
805	670	198	866	...	57	57			
25,280	15,726	8,347	19,073	10,837	1,489	12,420	10 50	0 89	
26,082	20,308	9,985	40,293	26,171	3,461	29,732	14 88	0 89	
31,479	34,376	6,655	41,031	26,801	2,986	29,787	10 84	1 08	
92,789	84,381	11,152	95,533	70,733	14,609	85,402	12 13	1 13	
57,684	38,769	3,569	42,338	30,426	2,584	33,010	11 71	1 06	
14,059	16,080	946	17,026	13,490	549	14,039	9 75	0 75	
4,986	5,748	546	6,294	4,672	450	5,122	12 14	1 06	
5,248	5,367	1,467	6,834	3,408	872	3,780	11 84	0 91	
3,206	4,317	619	4,936	4,906	1,000	5,906	...	...
274,311	241,060	44,626	286,686	195,080	30,599	225,679			

STATEMENT

Civil District.	OF THE CIVIL DISTRICT.			WORKS SUPPLYING IRRIGATION.		Culturable Area commanded by the Irrigation Works, in column 6 in Acres.
	Total Area in Acres.	Culturable Area in Acres.	Cultivated Area in Acres.	No.	Name.	
1	2	3	4	5	6	7
	Acres.	Acres.	Acres.			Acres.
Thar and Parkar	8,727,682	2,529,752	490,697	51	Jámrao Canal	590,496
				52	Eastern Nara	501,609
				53	Mithrao Canal	406,675
				54	Khipro Canal	33,745
				55	Thar Canal	136,000
				56	Hiral Canal	49,916
				57	Gháro Mahmudo	40,300
				58	Kari Shumali	26,600
					Total ...	1,785,341
Nawabshah Col- lectorate.	2,487,042	1,681,015	409,516	59	Jámrao Canal	201,610
				60	Mehrabwah	64,996
				61	Nasrat Canal	310,440
				62	Naulákhi	164,956
				63	Dámro	41,872
				64	Dad Canal	352,349
				65	Ren Distributary ex Dad	40,658
				66	Renwah	90,600
				67	Alibahar Kacheri	49,653
				68	Great Mára	171,670
				69	Gháro Mahmudo	57,380
				70	Other Canals	119,157
					Total ...	1,655,241
Hyderabad Col- lectorate.	2,833,813	1,361,893	524,805	71	Jámrao Canal ... ..	...
				72	Alibahar Kacheri	2,247
				73	Great Mára	76,730
				74	Gháro Mahmudo	270,700
				75	Sarfraz	139,400
				76	Kari Shumali	165,500
				77	Nasirwah	127,300
				78	Other Canals	530
				79	Fuleli Canal	1,437,500
				80	Hasanali Canal	84,000
				81	Other Canals	95,900
					Total ...	2,419,807
	27,202,671	12,116,880	2,752,892		Grand Total ...	9,424,360

Note.—The difference in the figures of columns 2, 3 and 4 as compared with the last

IV-E—concluded.

Area at present estimated as annually irrigated by the Works specified in Column 6.	AREA IRRIGATED IN ACRES.						RAINFALL.		Remarks.
	1917-1918.			1918-1919.			1917-1918.	1918-1919.	
	Kharif.	Rabi.	Total.	Kharif.	Rabi.	Total.			
	8	9	10	11	12	13	14	15		16	17
Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Ins. etc.	Ins. etc.	
196,832	109,658	70,040	179,698	118,425	58,502	176,927	14 65	2 87	
90,900	31,863	10,183	35,046	21,970	3,678	25,648	14 14	1 60	
143,500	97,026	19,429	116,455	101,218	5,163	106,799	12 51	2 08	
8,000	2,764	89	2,842	2,418	1	2,419	16 80	0 99	
50,000	49,645	2,995	52,640	50,134	2,587	52,721	17 83	1 89	
15,700	9,798	320	10,118	11,902	530	12,432	17 42	3 27	
(a)	5,784	460	6,234	5,781	198	5,979	14 37	1 21	(c) Included in Hyderabad Collectorate, separate figures not available.
(a)	4,451	280	4,731	4,432	87	4,519	13 98	1 01	
504,932	303,979	103,785	407,764	316,273	70,746	387,024			
67,203	42,491	16,170	58,661	40,706	13,699	54,405	15 51	1 22	
12,635	10,065	3,184	13,249	6,464	218	6,682	17 45	0 36	
60,790	66,401	11,477	77,878	57,646	1,890	59,536	18 4	0 88	
45,700	40,009	11,386	51,395	38,696	5,329	44,024	18 41	0 86	
13,103	12,075	3,830	16,765	10,955	1,283	12,241	19 24	0 39	
92,200	78,219	29,953	108,172	69,756	8,054	77,810	17 83	0 70	
11,255	7,712	5,555	13,267	6,515	637	7,152	20 29	0 85	
30,150	337	622	959	242	65	307	20 29	0 85	
12,500	11,052	3,945	14,997	8,249	479	8,728	17 87	0 91	
68,023	58,636	10,157	68,793	55,194	3,883	59,077	16 91	0 99	
24,000	21,171	8,909	25,080	18,719	2,067	20,776	14 37	1 21	
62,350	6,072	7,376	13,448	7,622	2,694	10,316	17 56	0 63	
487,433	354,240	107,414	461,654	320,963	40,291	361,254			
13,300	1,595	738	2,333	1,330	3	1,333	17 37	0 91	
58,350	7,694	3,304	10,998	5,691	564	6,245	16 91	0 99	
68,200	44,367	9,897	54,264	37,399	8,093	45,492	14 37	1 21	
40,800	27,751	2,276	30,027	19,252	1,643	20,895	12 91	1 84	
43,000	31,211	2,568	33,769	31,683	2,119	33,802	13 98	1 01	
30,250	23,687	4,317	33,404	23,040	3,932	26,972	15 56	1 12	
(b)	13	25	38	19	25	44			
400,000	341,935	44,846	386,780	298,780	62,668	361,448	12 43	2 24	(d) Included in Nawabshah Collectorate, separate figures not available.
30,000	18,043	912	18,955	16,087	1,274	17,361	14 63	2 88	
85,000	21,800	3,719	25,519	14,518	1,999	16,517	10 96	2 30	
723,900	523,010	73,124	596,134	447,803	82,310	530,113			
3,754,866	2,363,681	1,143,686	3,507,367	2,034,526	596,250	2,630,776			

year is due to revised figures reported this year by the Revenue Authorities.