

(1) Number of pages _____

(2) Date of repair _____

(3) Initials of the Referencer _____

MADRAS RECORD OFFICE.

Government of Madras.

Public Works DEPARTMENT.

G.O. No.	1298-99	Press Mis.
11-4-14		
Dated	1-5-	1867.

Not to be folded or roughly handled

1st May 1867.

Read the following letters :—

No. 11. From the Controller of Public Works Accounts, to the Secretary to Government, Department Public Works, dated Madras, 15th February 1866, No. 3,156.

Enclosures 8.

1. I have the honour to forward herewith the Statement of Remunerative Public Works for the year 1864-65, in continuation of that for the previous year, recorded in G. O. 27th February 1865, No. 553.

2. The delay in the submission of this Statement is owing, chiefly, to the Return for the Nellore District not having been received until the 5th instant, in letter from the Superintending Engineer, dated 31st January 1866, No. 108.

3. The Collector's report on the Pennair Anicut, with his Statement of the results of these irrigation works, on which the Superintending Engineer's Return was dependent, was addressed to the Board of Revenue on the 23rd December 1865, a copy of which was at the same time communicated to this Office, which was forwarded to the Superintending Engineer to enable him to compile his return; but in doing so, the Superintending Engineer has confined his statement to only the revenue and charges connected with the anicut and its subsidiary channels, without giving also the expenditure and revenue on the Nellore tank cultivation above the level of the anicut, as promised in Colonel Anderson's letter (paragraph 4), recorded in G. O. 17th January 1865, No. 156, and required by G. O. 27th February 1865, No. 553. The Collector's Statement, however, gives information respecting the area under cultivation, and the revenue derived from the Nellore tank above the level of the anicut works, separate from the area under cultivation, and the revenue derived from the influence of the anicut itself, and of its subsidiary channels; in both cases these particulars are given for the years from 1851-52 to 1860-61, and from 1861-62 to 1864-65, the average of the first ten years being compared with the results of the subsequent years to represent the increase in the revenue.

4. The general Statement for the past year being so long overdue, I thought it proper not to defer it any longer by calling for further information from the Superintending Engineer, respecting the original expenditure on construction and the maintenance, &c., charges disbursed during the above-mentioned period on the Nellore tank, as full information on this work, as well as on all the others included

in the annual Statement, will be furnished in answer to the requisition in G. O.*

* Paragraph 2.

30th January 1866, No. 359, which there

is not sufficient time to collect and arrange for the present Statement.

5. With reference to paragraph 4 of Mr. Dykes' letter, submitting his report on the Pennair Anicut works, in which that Officer would seem to imply that if the cost of the subsidiary reservoirs, to which water is now conveyed from this work, could be added to the expenditure incurred by this Government on it, the total cost would be much enhanced, and of course the returns lessened. I beg to observe that in this opinion I cannot at all concur, for (1) this Government had nothing whatever to do with the original cost incurred in the construction of these reservoirs, and beyond expending such sums as were absolutely required to keep them in fair order, so as to

secure what revenue was to be obtained from them, which whilst they were dependent on the seasons and the local rain-fall for their supply of water, there can be no charge properly debitable to us; (2) the capital expended on these subsidiary reservoirs is of very ancient date, so that if it could be ascertained what the amount was, there can be no doubt that, even allowing so small a per-centage as four per cent. for depreciation wear and tear, the whole cost has long ago been written off; (3) if these works had been able in themselves, with the supply of water collected from the local rain-fall, to supply all the lands under them with water for irrigation, and this was obtained every year without fail, then there would have been no necessity to undertake the anicut works at all; but if these latter have insured to the reservoirs a constant supply of water every year wholly independent of the variableness of the seasons in the district, and have thus secured the crops under them in each year, I can see no reason for adding to their cost the expenditure incurred on the old faulty works, simply for the purpose of reducing the returns obtained by better professional arrangements. I have never heard that, in calculating the profits on Railways in England, it was considered essential to add the former expenditure on Turn-pike roads and other means of communications, to obtain either the true results or to lessen the returns from them; and on the same principles I cannot see that any possible good could be obtained by saddling this work with the cost of old works, to which it is undoubtedly most beneficial, and which, without this powerful auxiliary, would be always liable to great losses, and sometimes to total failures.

6. I beg also to bring to notice that the Return for the Godavery District has had to be corrected in the column of Income from Rupees 143,51,616 to Rupees 153,51,616, from an error in the previous years' return. The local returns of the past two years are herewith forwarded, to show the items in which the corrections have been made, as well as on account of remarks made at the foot of the Statement explanatory of the items given, showing collection and charges. As respects the item of Collection, the Superintending Engineer explains that it consists simply of gross land collections, not including share of the increase in revenue derived from sundry sources, such as "Customs," "Abkarry," "Salt," though he considers that increases in these sources also are in a great measure due to the anicut works.

Vide paragraphs 11 and 12 of Government of India's Resolution, 18th December 1865, No. 1,230 C. It is not explained whether any share of the entire cost of the Civil Establishment of the district is deducted from the gross collections; but it is probably

not. The item of Maintenance Charges is shown not to include charges for management and distribution of both the navigation and irrigation works, nor a share of the charge on account of Public Works Establishment; but the amounts applicable to these shares are given as a foot-note in comparison with the revenue derived to show the net revenue obtained.

7. The Government of India having, in paragraph 6 of their Resolution, published with G. O. of 8th December 1865, No. 1,230 C, expressed a desire to be made acquainted with what has been done in this Presidency as regards the "Repairs and re-construction" of old native irrigation works, I beg to append a Statement exhibiting the expenditure on New Works and Repairs, Cultivation, and Revenue from the year 1855-56 to 1864-65 in four of our principal tank districts: in

these it will be seen the State expenditure on New Works has been inconsiderable, whilst much has been done on Repairs, in order to bring the tanks, &c., up to a satisfactory working condition. I can only speak personally of Bellary, having had charge of that district from 1856 to 1862, and here the administration of this department will, I trust, be allowed to have been on the whole satisfactory. During the mutinies nothing could be done to carry out new projects, and our whole attention was turned towards bringing the old native irrigation works into thorough order, as may be gathered from the expenditure incurred during those years under the head of Repairs. It will be seen that the cultivation has increased from an average for the three years, 1855-56 to 1857-58, of 83,845 acres, yielding an average revenue of Rupees 7,40,556, or about 8½ Rs. an acre, to 1,47,906 acres, or seventy-six per cent., yielding a revenue of Rupees 6,66,965 at about 4½ Rupees the acre, for the three years from 1861-62 to 1863-64, the falling off in the revenue arising entirely from the reductions allowed by the Government in the rates of assessment. From the figures above given this has been on an average Rupees 4½ per acre; and it will be further seen that the increase in the cultivation has continued in the last year for which we have accounts, whilst the expenditure on Repairs, which includes an annual maintenance grant of Rupees 15,200 for the Toongabuddra river-channels, has been reduced to a very small sum, notwithstanding the great increase in prices of labour and materials in that district on account of the immense rise in the value of its cotton produce.

8. It has been contended that this increase in the cultivation is more, if not entirely, due to the reduction in the assessment than to anything this department could have had to do with the works on which it is dependent. To this opinion I beg very respectfully to demur: (1) a very large portion of the increase is, I believe, due to second crop cultivation, and this could not have taken place if the tanks had not been made to hold more water, so as to supply the crops during the hot weather better than they formerly did; (2) in preparing all estimates for ordinary repairs care was taken to exhibit not only the Ayacut cultivation and revenue under each work, but the five previous year's cultivation and revenue, and the highest obtained at any time, to this was added a statement showing what old lands could be brought again into cultivation, and the extent of new lands the ryots were willing to take up if the repairs, as proposed, were carried out. These estimates were submitted to the Collector, who after making such enquiries as he considered necessary, signed them in token of his approval, and it was entirely on the guarantee of his counter-signature the Chief Engineer sanctioned the large disbursements made on account of repairs in the years 1857-58 to 1860-61; and (3) the confidence the ryots now feel in the condition of their works, which formerly always looked ready to breach and have the cultivation under them swept away.

No. 12. From the Assistant Secretary to the Government of India, Public Works Department, (Irrigation,) to the Secretary to the Government of Fort Saint George, in the Public Works Department, dated Fort William, 10th April 1867, No. 48 I.

The Statement of Remunerative Works in Madras for 1865-66, submitted with letter No. 835, dated 22nd March 1867, has been received in this Office. The State-

Proceedings of the Madras Government, Public Works Department,

1st May 1867.

ment for 1864-65, however, does not appear to have been submitted, and the undersigned has the honour to enquire if it was ever prepared, and if so, to request that a duplicate may be forwarded, as the original, if sent, was not received.

No. 13. ORDER THEREON, 1st May 1867, No. 1,298.

IRRIGATION, No. 1.

Ordered that the Statement referred to in this letter be forwarded to the Government of India.

(Here enter No. 1,299, dated 1st May 1867.)

(True Extract.)

(Signed) CHARLES A. ORR, Colonel, R. E.,
Secretary to Government.

Exd. S. T. Augustin.

PUBLIC WORKS DEPARTMENT.

FORT SAINT GEORGE,

1st May 1867.

No. 1,299.

No. 14.
To

THE SECRETARY TO THE GOVERNMENT OF INDIA,

PUBLIC WORKS DEPARTMENT.

SIR,

IRRIGATION, No. 2.

I am directed by His Excellency the Governor in Council to forward, in compliance with the request contained in Captain Pemberton's Memorandum of the 10th April 1867, No. 48 I, the Statement of Remunerative Works in this Presidency for the year 1864-65.

I have the honour to be,

Sir,

Your most obedient servant,

(Signed) CHARLES A. ORR, Colonel, R. E.,
Secretary to Government.

Exd. S. T. Augustin.

Statement of Remunerative

Name of Works.	CAPITAL.				Description.
	OUTLAY ON CONSTRUCTION (DEAD STOCK VALUATION.)				
	Description.	Amount up to the end of the past year.	Amount of the current year.	Total.	
Godavery Anicut and its subsidiary works.		Rs.	Rs.	Rs.	GODAVERY.
	Outlay on original works and re-construction.	39,35,633	3,48,944	42,84,577	Interest on the Capital, Rupees 39,35,633, at 4 per cent.
	Deduct deterioration by wear and tear at 1 per cent.	3,26,915	39,356	3,66,271	Maintenance and repairs.
	Balance of Capital ...	36,08,718	3,09,558	39,18,306	Total Charges ...
Kistna Anicut Project.					KISTNA.
	Outlay on original works and re-construction.	23,61,993	1,58,577	25,20,570	Interest on the Capital, Rupees 23,61,993, at 4 per cent.
	Deduct deterioration by wear and tear.	2,92,053	47,240	3,39,293	Maintenance and repairs.
	Balance of Capital ...	20,69,940	1,11,337	21,81,277	Total Charges ...
Palar Anicut Project—excavating Cumbankal Channel, and constructing masonry works.					MADRAS.
	Outlay on original works and re-construction.	1,84,712	20,211	2,04,923	Interest on the Capital, Rupees 1,84,712, at 4 per cent.
	Deduct deterioration by wear and tear.	...	...	...	Maintenance and repairs.
	Balance of Capital ...	1,84,712	20,211	2,04,923	Total Charges ...
Corattore Anicut.					
	Outlay on original works and re-construction.	16,430	...	16,430	Interest on the Capital, Rupees 16,430, at 4 per cent.
	Deduct deterioration by wear and tear.	...	...	...	Maintenance and repairs.
					Total ...
Casaveram Anicut.					
	Outlay on original works and re-construction.	20,316	...	20,316	Interest on the Capital, Rupees 20,316, at 4 per cent.
	Deduct deterioration by wear and tear.	...	...	...	Maintenance and repairs.
	Balance of Capital ...	36,746	...	36,746	Total Charges ...

Works for 1864-65.

REVENUE.							Remarks.
CHARGES.			INCOME.				
Amount up to the end of the past year.	Amount of the current year.	Total.	Description.	Amount up to the end of the past year.	Amount of the current year.	Total.	
Rs.	Rs.	Rs.		Rs.	Rs.	Rs.	
14,92,988	1,57,425	16,50,413	Gross proceeds from all sources.	153,51,616	17,81,604	171,33,220	
26,63,474	1,73,249	28,36,723					
41,56,462	3,30,674	44,87,136	Balance of Income.	111,95,154	14,50,930	126,46,084	
5,96,910	94,480	6,91,390	Gross proceeds from all sources.	23,53,888	4,86,702	28,40,590	Rupees 68,041 were remitted on account of loss of wet crops during the Cyclone of Nov. 1st, 1864, this causes a falling off in the Revenue to the extent of Rs. 49,158 as compared with 1863-64. The return per cent. on Capital invested would otherwise have been 1,484 for current year.
5,79,811	1,36,493	7,16,304					
11,76,721	2,30,973	14,07,694	Balance of Income.	11,77,167	2,55,729, being at 11.72 per cent.	14,38,896	
17,078	7,388	24,466	Gross proceeds of all sources.	51,884	10,713	62,597	
...	960	960					
17,078	8,348	25,426	Balance of Income.	34,806	2,365	37,171	
5,879	657	6,536	Gross proceeds from all sources.	95,373	22,117	1,17,490	
252	814	1,066					
6,131	1,471	7,602					
5,448	812	6,260					
1,542	3,126	4,668					
6,990	3,938	10,923					
13,121	5,409	18,530	Balance of Income.	82,252	16,708	98,960	

Statement of Remunerative

Name of Works.	CAPITAL.				Description.
	OUTLAY ON CONSTRUCTION (DEAD STOCK VALUATION.)				
	Description.	Amount up to the end of the past year.	Amount of the current year.	Total.	
East Coast Canal.		Rs.	Rs.	Rs.	MADRAS.—(Concluded.) Interest on the Capital, Rupees 5,04,631, at 4 per cent. Maintenance and repairs. Total Charges...
	Outlay on original works and re-construction.	5,04,631	5,891	5,10,492	
	Deduct deterioration by wear and tear.	...	...	...	
	Balance of Capital ...	5,04,631	5,891	5,10,492	
Lower Coleroon Anicut.	Outlay on original works and re-construction.	1,29,050	...	1,29,050	SOUTH ARCON. Interest on the Capital, Rupees 1,29,050, at 4 per cent. Maintenance, renewals, &c. Total Charges...
	Deduct deterioration by wear and tear, &c.	12,581	...	12,581	
	Balance of Capital ...	1,16,469	...	1,16,469	
Vellaur Anicut...	Outlay on original works and re-construction.	94,037	...	94,037	Interest on the Capital, Rupees 94,037, at 4 per cent. Maintenance, renewals, &c. Total Charges...
	Deduct deterioration by wear and tear, &c.	11,881	...	11,881	
	Balance of Capital ...	82,156	...	82,156	
Ragavien Channel and Ponnayur Anicut.	Outlay on original works ...	69,865	...	69,865	Interest on the Capital, Rupees 69,865, at 4 per cent. Maintenance, renewals, &c. Total Charges...
	Deduct deterioration by wear and tear.	6,160	...	6,160	
	Balance of Capital ...	63,705	...	63,705	
Tiruvady Anicut.	Outlay on original works ...	13,729	...	13,729	Interest on the Capital, Rupees 13,729, at 4 per cent. Maintenance, renewals, &c. Total Charges...
	Deduct deterioration by wear and tear.	2,274	...	2,274	
	Balance of Capital ...	11,455	...	11,455	

Works for 1864-65.—(Continued.)

REVENUE.							Remarks.
CHARGES.			INCOME.				
Amount up to the end of the past year.	Amount of the current year.	Total.	Description.	Amount up to the end of the past year.	Amount of the current year.	Total.	
Rs.	Rs.	Rs.		Rs.	Rs.	Rs.	
1,39,715	20,184	1,59,899	Gross proceeds from all sources.	8,10,585	*39,181	8,49,766	* In this amount a sum of Rupees 1,245 collected from the Southern Canal is also included.
2,52,142	...	...					
3,91,857	20,184	1,59,899	Balance of Income.	4,18,728	18,997	6,89,867	
1,34,212	5,162	1,39,374	Gross proceeds from all sources.	73,80,292	4,08,627	77,88,919	
3,98,297	...	3,98,297					
5,32,509	5,162	5,37,671	Balance of Income.	68,47,783	4,03,465, being at the rate of 312½ per cent.	72,51,248	
56,419	3,761	60,180	Gross proceeds from all sources.	12,42,099	96,285	13,38,384	
1,16,673	2,648	119,321					
1,73,092	6,409	1,79,501	Balance of Income.	10,69,007	89,876, being at the rate of 95½ per cent.	11,58,883	
12,131	2,795	14,926	Gross proceeds from all sources.	4,30,742	36,222	4,66,964	
13,571	...	13,571					
25,702	2,795	28,497	Balance of Income.	4,05,040	33,427, being at the rate of 47½ per cent.	4,38,467	
8,236	549	8,785	Gross proceeds from all sources.	4,09,275	31,590	4,40,865	
4,409	10,488	14,897					
12,645	11,037	23,682	Balance of Income.	3,96,630	20,553, being at 149½ per cent.	4,17,183	

Statement of Remunerative

Name of Works.	CAPITAL.				Description.
	OUTLAY ON CONSTRUCTION (DEAD STOCK VALUATION.)				
	Description.	Amount up to the end of the past year.	Amount of the current year.	Total.	
Vikravandy Anicut.		Rs.	Rs.	Rs.	SOUTH ARCOT.—(Concluded.) Interest on the Capital, Rupees 15,016, at 4 per cent. Maintenance, renewals, &c. Total Charges...
	Outlay on original works ...	15,016	...	15,016	
	Deduct deterioration by wear and tear.	1,300	...	1,300	
	Balance of Capital ...	13,716	...	13,716	
Vanamadavy Anicut.	Outlay on original works (from Income Tax Grant.)	18,151	2,842	20,993	Interest on the Capital, Rupees 18,151, at 4 per cent. Maintenance, renewals, &c. Total Charges...
	Deduct deterioration by wear and tear.	...	...	...	
	Balance of Capital ...	18,151	2,842	20,993	
Upper Anicut in Coleroon.	Outlay on original works and re-construction.	2,39,865	...	2,39,865	TANJORE. Interest on the Capital, Rupees 2,39,865, at 4 per cent. Maintenance, repairs, &c. Total Charges...
	Deduct deterioration by wear and tear.	...	...	...	
	Balance of Capital...	2,39,865	...	2,39,865	
Lower Anicut in Coleroon.	Outlay on original works and re-construction.	2,25,190	27,680	2,52,870	Interest on the Capital, Rupees 2,52,870, at 4 per cent. Maintenance, repairs, &c. Total Charges...
	Deduct deterioration by wear and tear.	...	...	...	
	Balance of Capital...	2,25,190	27,680	2,52,870	
Murthayaur Anicut in the District of Trichinopoly.	Outlay on original works ...	46,850	...	46,850	TRICHINOPOLY. Interest on the Capital, Rupees 46,850, at 4 per cent. Maintenance and repairs. Total ... Balance of Charges...
	Deduct deterioration by wear and tear.	...	...	...	
	Balance of Capital ...	46,850	...	46,850	

Works for 1864-65.—(Continued.)

REVENUE.							Remarks.
CHARGES.			INCOME.				
Amount up to the end of the past year.	Amount of the current year.	Total.	Description.	Amount up to the end of the past year.	Amount of the current year.	Total.	
Rs.	Rs.	Rs..		Rs.	Rs.	Rs.	
5,199	601	5,800	Gross proceeds from all sources.	34,299	5,798	40,097	
5,936	...	5,936					
11,135	601	11,736	Balance of Income.	23,164	5,197, being at 24 1/4 per cent.	28,361	
...	726	726	Gross proceeds from all sources.	...	5,636	5,636	
...	2,873	2,873					
...	3,599	3,599	Balance of Income.	...	2,037, being at 11 1/4 per cent.	2,037	
2,20,697	9,594	2,30,291	Gross proceeds from all sources.	125,90,371	5,13,309	131,03,680	
1,62,329	2,396	1,64,725					
3,83,026	11,990	3,95,016	Balance of Income.	122,07,345	5,01,319	127,08,664	
1,09,239	10,114	1,19,353	Gross proceeds from all sources.	4,21,326	25,615	4,46,941	
1,45,523	6,190	1,51,713					
2,54,762	16,304	2,71,066	Balance of Income.	1,66,564	9,311	1,75,875	
11,244	1,874	13,118	Gross proceeds from all sources.	25,566	2,269	27,835	
3,675	546	4,221					
14,919	2,420	17,339					
...	151	...	Balance of Income.	10,647	...	10,496	

Statement of Remunerative

Name of Works.	CAPITAL.				Description.
	OUTLAY ON CONSTRUCTION (DEAD STOCK VALUATION).				
	Description.	Amount up to the end of the past year.	Amount of the current year.	Total.	
Thadapully Channel.		Rs.	Rs.	Rs.	COIMBATORE. Interest on the Capital, Rupees 43,341, at 4 per cent. Maintenance and repairs. Total... Balance of Charges...
	Improving the channel and building new sluices, &c.	43,341	2,955	46,296	
	Deduct deterioration by wear and tear.	...	...	...	
	Balance of Capital...	43,341	2,955	46,296	
Calingaroyen Channel.		15,284	...	15,284	Interest on the Capital, Rupees 15,284, at 4 per cent. Maintenance and repairs. Total... Balance of Charges...
	Improving and extending Calingaroyen channel.	...	...	...	
	Deduct deterioration by wear and tear.	...	...	...	
	Balance of Capital ..	15,284	...	15,284	
Caniempolliem Channel.		42,970	...	42,970	Interest on the Capital, Rupees 42,970, at 4 per cent. Maintenance and repairs. Total... Balance of Charges...
	Outlay on original works and re-construction.	...	...	...	
	Deduct deterioration by wear and tear.	...	...	...	
	Balance of Capital...	42,970	...	42,970	
Arkencotta Channel.		13,079	3,944	17,023	Interest on the Capital, Rupees 13,079, at 4 per cent. Maintenance and repairs. Total... Balance of Charges...
	Improving and extending the Arkencotta channel.	...	...	...	
	Deduct deterioration by wear and tear.	...	...	...	
	Balance of Capital...	13,079	3,944	17,023	
Yennamakul Dam.		30,880	...	30,880	MALABAR. Interest on the Capital, Rupees 30,880, at 4 per cent. Maintenance and repairs. Total... Balance of Charges...
	Outlay on original works and re-construction.	10,499	618	11,117	
	Deduct deterioration by wear and tear.	...	...	...	
	Balance of Capital...	20,381	618	19,763	

Works for 1864-65.—(Continued.)

REVENUE.										Remarks.
CHARGES.			INCOME.							
Amount up to the end of the past year.	Amount of the current year.	Total.	Description.	Amount up to the end of the past year.	Amount of the current year.	Total.				
Rs.	Rs.	Rs.		Rs.	Rs.	Rs.				
4,955	1,733	6,688	Gross proceeds from all sources.	1,065	9,069	10,134				
18,780	4,636	23,416								
23,735	6,369	30,104								
22,670	...	19,970	Balance of Income.	...	2,700	...				
3,650	611	4,261	Gross proceeds from all sources.	120	122	242				
44,095	6,269	50,364								
47,745	6,880	54,625								
47,625	6,758	54,383	Balance of Income.	...	...	...				
61,878	1,719	63,597	Gross proceeds from all sources.	36,284	1,012	37,296				
15,219	...	15,219								
77,097	1,719	78,816								
40,813	707	41,520	Balance of Income.	...	...	...				
740	523	1,263	Gross proceeds from all sources.	3,727	2,067	5,794				
5,256	1,998	7,254								
5,996	2,521	8,517								
2,269	454	2,723	Balance of Income.	...	...	...				
24,704	1,235	25,939	Gross proceeds from all sources.	36,964	98	37,062				
20,898	678	21,576								
45,602	1,913	47,515								
8,638	1,815	10,453	Balance of Income.	...	...	...				

Statement of Remunerative

Name of Works.	CAPITAL.				
	OUTLAY ON CONSTRUCTION (DEAD STOCK VALUATION.)				
	Description.	Amount up to the end of the past year.	Amount of the current year.	Total.	Description.
Pennair Anicut Project.		Rs.	Rs.	Rs.	NELLORE.
	Outlay on original works and re-construction.	4,92,702	23,109	5,15,811	Interest on the Capital, Rupees 4,92,702, at 4 per cent.
	Deduct deterioration by wear and tear.	85,746	9,854	95,600	Maintenance and repairs.
	Balance of Capital...	4,06,956	13,255	4,20,211	Total... Balance of Charges...
					VIZAGAPATAM.
					None.
					GANJAM.
					None.
					CUDDAPAH.
					None.
					KURNOOL.
					None.
					BELLARY.
					None.
					PRESIDENCY.
					None.
					SALEM.
					None.
					BANGALORE.
					None.
					SOUTH CANARA.
					None.
					MADURA.
					None.
					TINNEVELLY.
					None.

Works for 1864-65.—(Concluded.)

Works for 1901-02. (continued)

REVENUE.							Remarks.
CHARGES.			INCOME.				
Amount up to the end of the past year.	Amount of the current year.	Total.	Description.	Amount up to the end of the past year.	Amount of the current year.	Total.	
Rs.	Rs.	Rs.		Rs.	Rs.	Rs.	
82,342	19,708	1,02,050	Gross proceeds from all sources.	1,26,235	64,875	1,91,110	
1,82,448	6,051	1,88,499					
2,64,790	25,759	2,90,549					
1,38,555	...	99,439	Balance of Income.	...	39,116, being at the rate of 7.58 per cent.	...	

(Signed) J. F. FISCHER, Captain, R. E.,
Controller of Public Works Accounts.

Copy.)

Colonel, R. E.,
Secretary to Government.

MADRAS,
15th February 1866.

(True

Office of the Controller of
Public Works Accounts.
No. 3156. Madras 15th February 1866.

From, Captain J. H. Fischer. R.E.
Controller of P.W. Accounts.
To, Colonel C. A. Orr. R.E.
Secretary to Government. P.W.

Sir,

I have the honor to forward herewith
the Statement of Summative Public
Works for the year 1864/65 in continuation
of that for the previous year recorded
in G.O. 27th February 1865 No. 653.

2. The delay in the submission of this
Statement is owing chiefly to the Return
for the Bellary District not having
been received until the 5th instant in
letter from the Superintending Engineer
dated 31st January 1866 No. 168.

3. The Collector's report on the Principal
Ainut with his Statement of the results
of these irrigation works on which the
Superintending Engineer's Return was
dependent, was addressed to the Board
of Revenue, on the 23rd December 1865,
a copy of which was at the same time
communicated to this Office, which was
forwarded to the Superintending Engineer
to enable him to compile his Return,
but in doing so the Superintending
Engineer has compiled his Statement
to only the Revenue and charges connect-
ed with the Ainut and its subsidiary

channels

channels, without giving also the expenditure and Revenue on the Nellore Tank cultivation above the level of the Ancient, as promised in Colonel Anderson's letter (para 4) recorded in L.O. 17th January 1865 N^o 156 and required by L.O. 27th February 1865 N^o 553. The Collector's statement however gives information respecting the area under cultivation and the Revenue derived from the Nellore Tank above the level of the Ancient works, separate from the area under cultivation and the Revenue derived from the influence of the Ancient itself, and of its subsidiary channels, in both cases these particulars are given for the years from 1851/52 to 1860/61 and from 1861/62 to 1864/65, the average of the first 10 years being compared with the results of the subsequent years to represent the increase in the Revenue.

4. The general statement for the past year being so long overdue, I thought it proper not to defer it any longer by calling for further information from the Superintending Engineer respecting the original expenditure on construction and the Maintenance &c. charges disbursed during the above mentioned period on the Nellore Tank, as full information on this work as well as on all the others included in the Annual Statement, will

para 2.

will be furnished in answer to the requisition in L.O. 30th January 1866 N^o 359, which there is not sufficient time to collect and arrange for the present statement.

5. With reference to para: 4 of Mr. Dykes' letter submitting his report on the Ancient works in which that Officer would seem to imply that if the cost of the subsidiary reservoirs to which water is now conveyed from this work could be added to the expenditure incurred by this Government on it the total cost would be much enhanced and of course the returns lessened, they to observe that in this opinion I cannot at all concur, for (1) this Government had nothing whatever to do with the original cost incurred in the construction of these reservoirs and beyond expending such sums as were absolutely required to keep them in fair order so as to secure what Revenue was to be obtained from them whilst they were dependent on the seasons and the local rain-fall for their supply of water, there can be no charge properly debitable to us, (2) the capital expended on these subsidiary reservoirs is of very ancient date so that if it could be ascertained what the amount was there can be no doubt that even allowing so small a percentage as 4 per cent for depreciation wear and tear the whole cost has long

long ago been written off, (3) if these works
had been able in themselves with the supply
of water collected from the local rains.
fail to supply all the lands under them
with water for irrigation and this was
obtained every year without fail then
there would have been no necessity to
undertake the Ancient works at all
but if these latter have insured to the
reservoirs a constant supply of water
every year wholly independent of the
variableness of the seasons in the District
and have thus secured the crops under
them in each year, I can see no reason
for adding to their cost the expenditure
incurred on the old faulty works
simply for the purpose of reducing the
returns obtained by better professional arrangements.
I have never heard that in calculating
the profits on Railways in England
it was considered essential to add the
former expenditure on Turn-pike roads
and other means of communications
to obtain either the true results or to
secure the returns from them and on
the same principles I cannot see that
any possible good could be obtained
by saddling this work with the cost
of old works to which it is undoubtedly
a most beneficial and which, without
this powerful auxiliary would be always
liable to great losses, and sometimes to
total failures.

I

vide paras.
11 and 12 of
Government of
India's Resolution
18th December
1865 No 1230 C.

6. 3 They also to bring to notice that the
Return for the Godavery District has
had to be corrected in the column of
Income from Pusses 14,35,616 to Pusses
15,35,616 from an error in the previous
year's Return. The local Returns of the
past two years are herewith forwarded
to shew the items in which the corrections
have been made, as well as on account
of remarks made at the foot of the
Statement explanatory of the items
given shewing collection and charges.
As respects the item of collection the
Superintending Engineer explains that
it consists simply of gross land collec-
tions not including share of the increase
in Revenue derived from sundry sources
such as "Lanatomis" "Alkary" "Salt" though
he considers that increases in these sources
also are in a great measure due to the
Ancient works. It is not explained whether
any share of the entire cost of the Civil
Establishment of the District is deducted
from the gross collection, but it is
probably not. The item of Maintenance
charges is shewn not to include charges
for Management and Distribution of
both the Navigation and Irrigation
works nor a share of the charge on
account of Public Works Establishment,
but the amounts applicable to these
shares are given as a foot note in comparison

with

with the Revenue derived to about the net Revenue obtained.

7. The Government of India having in para. 6 of their Resolution published with G.O. of 8th December 1865 N: 1230C expressed a desire to be made acquainted with what has been done in this Presidency in regards the "Repairs and reconstructions" of old native irrigation works. They also appended a statement exhibiting the expenditure on New Works and Repairs, Cultivation, and Revenue from the year 1855/56 to 1864/65 in four of our principal tank Districts: in these it will be seen the State Expenditure on New Works has been inconsiderable whilst much has been done on Repairs in order to bring the tanks ~~up~~ up to a satisfactory working condition. I can only speak personally of Bellary, having had charge of that District from 1858 to 1862 and where the administration of this Department will I trust be allowed to have been on the whole satisfactory, during the meantime nothing could be done to carry out new projects, and our whole attention was turned towards bringing the old native irrigation works into thorough order as may be gathered from the expenditure incurred during those years under the Head of Repairs

Repairs. It will be seen that the cultivation has increased from an average for the 3 years 1855/56 to 1857/58 of 8,384,5 acres yielding an average Revenue of Rupees 7,40,556 or about 8 4/5 Rupees an acre to 14,79,06 ^{or 76 per cent.} acres yielding a Revenue of Rupees 6,66,965 at about 4 1/2 Rupees the acre for the 3 years from 1861/62 to 1863/64, the falling off in the Revenue arising entirely from the reductions allowed by the Government in the rates of assessment. From the figures above given this has been on an average Rupees 4 3/10 per acre; and it will be further seen that the increase in the cultivation has continued in the last years for which we have accounts, whilst the expenditure on Repairs which includes an annual maintenance grant of Rupees 15,200 for the Tungabhadra River Channels has been reduced to a very small sum notwithstanding the great increase in prices of labor and materials in that District on account of the immense rise in the value of its cotton produce.

8. It has been contended that this increase in the cultivation is more if not entirely due to the reduction in the assessment than to any thing this Department could have had to do with the works on which it is dependent, to

to this opinion, they very respectfully to
demonstrate (1) a very large portion of the
increase is believed due to 2^d Crop Cultiva-
tion and this could not have taken place
if the tanks had not been made to
hold more water so as to supply the
crops during the hot weather better
than they formerly did. (2) in preparing
all estimates for ordinary repairs care
was taken to exhibit not only the
Ayacut cultivation and Revenue under
each work but the 5 previous years
cultivation and Revenue, and the high-
est attained at any time, to this was
added a statement showing what old
lands could be brought again into
cultivation and the extent of new lands
the ryots were willing to take up if
the repairs as proposed were carried out,
these estimates were submitted to the
Collector who after making such inquiries
as he considered necessary, signed them
in token of his approval and it was
entirely on the guarantee of his Counter-
signature the Chief Engineer sanctioned
the large disbursements made on account
of repairs in the years 1857/58 to 1860/61,
and (3) the confidence the ryots now feel
in the condition of their works which
formerly always looked ready to
breach and have the cultivation

under

under them swept away. -

15
I have the honor to be
Sir,

Yours most obedient servant

Captain P. E.

Controller of Public Works Account

The Secretary to Government. D. P. W.
Fort Saint George.

No 481

Government of India
Public Works Department
Irrigation.

To The Secretary to the Govt of Fort St. George
in the Public Works Department

Fort William, 10th April 1867.

The Statement of Remunerative
Works in Madras for 1865/66, submitted with
letter No 885 dated 22nd March 1867, has been
received in this office. The Statement for
1864/65, however, does not appear to have been
submitted, and the undersigned has the
honor to enquire if it was ever prepared, and
if so, to request that a duplicate may be for-
warded as the original, if sent, was not re-
ceived. —

W. Denton Capt. R. &

Asst. Secretary to the Govt of India

For the Secretary to the Govt of India
in the Public Works Department
at Fort William.
To the Secretary to the Govt of India
in the Public Works Department
at Fort St. George.

Attest 15th April 1867
W. Denton

Submitted to the Secretary to the Govt of India
in the Public Works Department
at Fort William.
Attest 15th April 1867
W. Denton

W. Denton 15th April 1867

Dr. J. H. L. C. D. D. D.
 Geo. W. Gooding & Co. May 14, 1876

John

The Academy: the
Poet & the Critic

To the Cong. & Sent by
Dr. J. J. J.

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Dec 24. }

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Regarding the
early submission of the
Statement of Disposition
with the 1844/18

Sept 12

H 299
 21298-10th May 1867.

Statement of Remuneration Works for 1864/65.

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Name of Works	Capital.			Revenue.			Remarks.				
	Outlay on Construction Paid Stockholders			Charges.	Income.						
	Description.	Amount brought up to the end of the current year.	Total.		Description	Amount brought up to the end of the current year.		Total.			
Godavery Ancient Works and its subsidiary Works	Original Works and re-construction.	39,35,633	3,40,944	42,04,577	Interest on the Capital at 4 per cent.	Rs 39,35,633. at 4 per cent.					
	Deduct deterioration by wear and tear at 1 per cent.	39,356	3,66,271	Maintenance and Repairs							
	Balance of Capital	3,40,944	39,10,306	Total Charges							
Kistnah Ancient project.	Original Works and re-construction.	23,61,993	1,50,577	25,20,570	Interest on the Capital at 4 per cent.	Rs 23,61,993. at 4 per cent.					
	Deduct deterioration by wear and tear	23,619	47,240	33,929	Maintenance and Repairs						
	Balance of Capital	20,19,940	1,11,337	21,01,277	Total Charges						

14,92,900	1,57,425	16,50,413	Gross Proceeds from all sources	153,51,616	17,01,604	171,33,220
26,63,474	1,73,249	28,36,723				
41,56,462	3,30,674	44,87,136	Balance of Income	11,95,154	14,50,930	12,46,084

Rs 62,000 were remitted on account of loss of wet crops during the Cyclone of November 1st 1904, this causes a falling off in the Revenue to the extent of Rs 49,150 as compared with 1903/04.

The Return per cent on Capital invested would otherwise have been 14.04 per cent for current year.

5,96,910	94,400	6,91,390	Gross proceeds from all sources	23,53,000	4,06,702	27,40,590
5,79,011	1,36,493	7,15,504				
11,76,721	2,30,973	14,07,694	Balance of Income	11,77,167	2,55,729	14,32,896

being at 14.72 per cent.

Rs 60,000 were remitted on account of loss of wet crops during the Cyclone of November 1st 1864. this caused a falling off in the Revenue to the extent of Rs 29,150 as compared with 1863/64.

The Return put out on Capital invested would otherwise have been 100% for current year.

Statement of Remunerative Works for 1864/65. (Continued.)

Name of Works.	Capital.			Description.	Charges.			Revenue.			Remarks.
	Description.	Amount up to the end of the last year.	Amount of the current year.		Amount of the current year.	Total.	Description.	Amount up to the end of the last year.	Amount of the current year.	Total.	
Palar Ancient Project excavating Cumbalkal channels & consty. Masonry Works	Outlay on Original Works and reconstruction	1,04,712	20,211	2,24,923	Interest on the Capital Rs. 1,04,712 at 4 percent	7,070					
						7,300					
						24,466					
	Deduct deterioration by wear and tear			Maintenance and Repairs		960	Gross proceeds of all Sources	51,804	10,713	62,517	
	Balance of Capital	1,04,712	20,211	2,24,923	Total Charge	7,070	Balance of Income	24,006	2,365	26,371	
Corattore Ancient	Outlay on Original Works and reconstruction	16,430		16,430	Interest on the Capital Rs. 16,430 at 4 percent	5,079					
						657					
						6,036					
	Deduct deterioration by wear and tear			Maintenance and Repairs		252					
						817					
Baxaveram Ancient	Outlay on Original Works & reconstruction	20,216		20,216	Interest on the Capital Rs. 20,216 at 4 percent	5,440					
						812					
						6,252					
	Deduct deterioration by wear and tear			Maintenance and Repairs		542	Gross proceeds from all Sources	95,273	22,117	1,17,390	
						3,126					
	Balance of Capital	26,746		26,746	Total Charge	3,127	Balance of Income	22,252	16,700	38,952	

In this Canal to also include

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* In this amount is lump
O'Brien's Obedience from the
Southern Canal Co also included

Statement of Remuneration

Works for 1864/65 (continued)

Name of Works.	Capital.			Description.
	Outlay on Construction (Dead Stock valuation)	Amount to the end of the last year.	Amount of the current year.	
Pagariy Chann. mel and Ponnayur Ancient	Outlay on Original Works	69,065	69,065	Interest on the Capital Rs. 69,065 at 4 percent
	Reduct deterioration by wear and tear	6,160	6,160	Maintenance, renewals &c.
	Balance of Capital	63,705	63,705	Total Charges
Tiruvady Ancient	Outlay on Original Works	13,729	13,729	Interest on the Capital Rs. 13,729 at 4 percent
	Reduct deterioration by wear and tear	2,274	2,274	Maintenance, renewals &c.
	Balance of Capital	11,455	11,455	Total Charges
Vikravandy Ancient	Outlay on Original Works	15,016	15,016	Interest on the Capital Rs. 15,016 at 4 percent
	Reduct deterioration by wear and tear	13,000	13,000	Maintenance and renewals &c.
	Balance of Capital	13,716	13,716	Total Charges

Charges.			Revenue.			Remarks.
Amount to the end of the last year.	Amount of the current year.	Total	Description.	Amount to the end of the last year.	Amount of the current year.	
12,131	2,795	14,926				
13,571		13,571	Gross proceeds from all sources	130,742	36,222	4,66,964
25,702	2,795	28,497	Balance of Income	4,05,040	23,427	4,28,467
8,236	549	8,785				
4,409	10,400	14,809	Gross proceeds from all sources	4,09,275	31,590	4,40,865
12,645	11,037	23,682	Balance of Income	398,630	20,550	4,19,182
5,199	601	5,800				
5,936		5,936	Gross proceeds from all sources	34,299	5,790	40,097
4,135	601	4,736	Balance of Income	28,164	5,197	33,361

Statement of Remunerative Works for 1864/65. (Continued)

Capital					
Name of Works.	Outlay on construction (Dead Stock valuation)	Amount up to the end of the first year.		Amount of the current year.	Total.
	Description				Description
Vanamaday Ancient	Outlay on Original Works (from Income Tax Grant) —	10,151	2,042	20,993	Interest on the Capital Rs. 10,151 at 4 p. Cent.
	(Deduct deterioration by wear and tear)	"	"	"	Maintenance Repairs &c. —
	Balance of Capital	10,151	2,042	20,993	Total Charges
Upper Ancient in Coleroon	Outlay on Original Works and reconstruction —	239,065	.	239,065	Interest on the Capital Rs. 239,065 at 4 p. Cent.
	(Deduct deterioration by wear and tear)	"	"	"	Maintenance Repairs &c. —
	Balance of Capital	239,065	.	239,065	Total Charges
Lower Ancient in Coleroon	Outlay on Original works and reconstruction —	225,190	27,600	252,790	Interest on the Capital Rs. 252,790 at 4 p. Cent.
	(Deduct deterioration by wear and tear)	"	"	"	Maintenance Repairs &c. —
	Balance of Capital	225,190	27,600	252,790	Total Charges

Revenue

Revenue										Remarks.
Charges.			Income.							
Amount to the end of the first year.	Amount of the current year.	Total.	Description.	Amount to the end of the first year.	Amount of the current year.	Total.				
	726	726	Gross proceeds from all sources			5636	5636			
	2073	2073								
	3599	3599	Balance of Income			2037	2037			
	220697	9594	220291	Gross proceeds from all sources			12590371	513309	13103600	
	162329	2396	164725							
	303026	11990	395016	Balance of Income			12207345	501319	12708664	
	109239	10114	119353	Gross proceeds from all sources			421326	25615	446941	
	145523	6190	151713							
	254762	16304	271066	Balance of Income			166564	9311	175875	

Statement of Revenue

Revenue Works for 1864/65. (Continued)

Capital

Name of Works	Description	Amount up to the end of the first year	Amount of the current year	Total	Description
Muthayaur Ancient in the District of Trichy mopoly	Outlay on Original Works	46,050	.	46,050	Interest on Capital Rs. 46,050 at 4 p cent
	(Deduct deterioration by wear and tear)	.	.	.	Maintenance and Repairs
	Balance of Capital	46,050	.	46,050	Balance of Charges

Thadapully Channel	Improving the Channel and building new sluices etc.	43,341	2,955	46,296	Interest on the Capital Rs. 46,296 at 4 p cent
	(Deduct deterioration by wear and tear)	"	"	"	Maintenance and Repairs
	Balance of Capital	43,341	2,955	46,296	Balance of Charges

Calungaroyen Channel	Improving and extending Calungaroyen Channel	15,204	.	15,204	Interest on the Capital Rs. 15,204 at 4 percent
	(Deduct deterioration by wear and tear)	"	"	"	Maintenance and Repairs
	Balance of Capital	15,204	.	15,204	Balance of Charges

Revenue

Charges	Income	Remarks
Amount up to the end of the first year	Amount up to the end of the first year	
Total	Total	
11,244	1074	12,118
3,675	546	4,221
14,919	2,420	17,339
	151	
	Balance of Income	10,647
		10,496
4,955	1733	6,688
10,780	4,636	23,416
23,735	6,369	30,104
22,670		19,970
	Balance of Income	2,700
3,650	611	4,261
44,095	6,269	50,364
47,745	6,000	54,625
47,625	6,750	54,375
	Balance of Income	

Statement of Remunerative Works, for 1864/65. (Continued)					
Name of Works.	Capital.				
	Outlay on Construction		Dead Stock valuation.		Description.
	Description	Amount to the credit of the fund.	Amount to the credit of the fund.	Total.	
87 Canimpoliem Channel	13	5	5	5	10 Interest on the Capital
	Outlay on Original Works & reconstruction	42,970	.	42,970	Rs 42,970 at 4 per cent
	Deduct deterioration by wear & tear	.	.	.	Maintenance and Repairs
	Balance of Capital	42,970	.	42,970	Total Balance of Charges
Arkencolta Channel	Improving and extending the Arkencolta Channel	13,079	3,944	17,023	Interest on the Capital
					Rs 13,079 at 4 per cent
	Deduct deterioration by wear and tear	.	.	.	Maintenance and Repairs
	Balance of Capital	13,079	3,944	17,023	Total Balance of Charges
Yennamakul Dam	Outlay on Original Works & reconstruction	30,000	.	30,000	Interest on the Capital
					Rs 30,000 at 4 per cent
	Deduct deterioration by wear and tear	10,499	610	11,109	Maintenance and Repairs
	Balance of Capital	20,301	610	19,763	Total Balance of Charges

Statement of Remunerative Works, for 1864/65. (Continued)					
Name of Works.	Revenue.				
	Charges.		Income.		Remarks.
	Description	Amount to the credit of the fund.	Description	Amount to the credit of the fund.	
Canimpoliem Channel	5	5	5	5	
	61,070	1719	63,597		
	Gross proceeds from all sources		36,204	1012	37,296
	15,219	.	15,219		
Arkencolta Channel	740	523	1,263		
	5,256	1,990	7,254		
	Gross proceeds from all sources		3,727	2,067	5,794
	5,996	2,521	8,517		
Yennamakul Dam	24,704	1,235	25,939		
	20,890	670	21,576		
	Gross proceeds from all sources		36,964	90	37,062
	45,602	1,913	47,515		
Yennamakul Dam	2,630	1,015	1,453		
	Balance of Income				

Statement of Remuneration Capital

Name of Works	Outlay on Construction (per cent stock valuation)			Description
	Description	Amount up to the end of last year	Amount of the current year	
Extending the Che. project to Paitayan your Ancient for widening main as far as necessary	Outlay on original Construction	12,000	9,509	21,677
	Interest on the Capital At 12,000. at 4 percent			
	Reduce deterioration by wear and tear			
	Balance of Capital	12,000	9,509	21,677
Constructing the Cheyaur Channel to Poorway	Outlay on Original Construction	32,976		32,976
	Interest on the Capital At 32,976 at 4 1/2 Cent			
	Reduce deterioration by wear and tear			
	Balance of Capital	32,976		32,976
Constructing 13 Morris in the Che. your Ancient Channel	Outlay on Original Construction	2,454		2,454
	Interest on the Capital At 2,454 at 4 1/2 cent			
	Reduce deterioration by wear & tear			
	Balance of Capital	2,454		2,454
	Balance of Capital	47,510	9,509	57,107
Palau Ancient	Outlay on Original Construction	66,945	33,003	70,374
	Interest on the Capital At 66,945. at 4 1/2 cent			
	Reduce deterioration by wear & tear			
	Balance of Capital	66,945	33,003	70,374
	Balance of Capital	66,945	33,003	70,374

Works for 1864/65 (Continued)

Charges			Revenue		
Amount up to the end of the year	Amount of the current year	Total	Description	Amount up to the end of the past year	Amount of the current year
3,774	423	4,257			
10,222		10,222			
14,602	423	15,025			
12,710	1319	14,029	Gross proceeds from all sources	33,915	6,400
12,710	1319	14,029			
241	90	939			
241	90	939			
20,153	1900	20,053	Balance of Income	5,762	4,500
172,476	26,790	199,274	Gross proceeds from all sources	36,921	7,976
5,929		5,929			
170,405	26,790	205,203			
141,404	10,222	160,306	Balance of Income		

Statement of Remunerative

Capital

Name of Works	Outlay on Construction (Dead stock valuation)				Description
	Description	Amount upto the end of the past year	Amount of the Current year	Total	
Poorey Ancient	Outlay on original Construction	130,157	16,526	146,683	Interest on the Capital
	Reduct deterioration by wear & tear	"	"	"	Rs. 130,157 at 4 percent
					Maintenance
	Balance of Capital	130,157	16,526	146,683	Total
Pannair Ancient Project	Outlay on original works & reconstruction	4,92,702	23,109	5,15,811	Interest on the Capital
	Reduct deterioration by wear & tear	85,746	9,854	95,600	Rs. 4,92,702 at 4 percent
					Maintenance & Repair
	Balance of Capital	406,956	13,255	4,20,211	Total
					Balance of Charges
					Vijaya Patam
					Stone
					Gangam
					Stone
					Buddhapah
					Stone
					Kutiror
					Stone
					Bellary
					Stone
					Preordiray
					Stone
					Lalim
					Stone
					Bangalore
					Stone
					South Canara
					Stone
					Machinar
					Stone
					Peninsular
					Stone

Works for 1964/65 (Continued)

Revenue

Charges			Income		
Amount upto the end of the past year	Amount of the Current year	Total	Description	Amount upto the end of the past year	Amount of the Current year
16,962	5,206	22,174	Gross proceeds from all sources	9,583	13,42
6,246	"	6,246			
23,214	5,206	28,420			
13,631	3,064	17,495	Balance of Income	"	"
82,342	19,700	102,050	Gross proceeds from all sources	126,235	64,075
1,82,440	6,051	1,88,499			
2,64,790	25,759	2,90,549			
1,30,555	"	99,439	Balance of Income	"	39,116

Office of the Controller of
Public Works Dept.
Madras 15th February 1965.
E. G. A.

Captain B. E.
Controller of P. W. Dept.

From

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The Controller of
Public Works Accounts

To

The Secretary to Government
P. W. Department.

(Dated 15th
Per

February 1866.

MDCCXLIX/66

Statement of Remunera-
tive Works for the
year 1864/65.

14

2

From 1 May 1865 to 31 Dec 1865



Bellevue wa letter

from the Society of

Friends of the Cornhill

of the North River

and 23rd Avenue New York

May 18/66

May 18/66

From May 18/66

Year	Cuddalore				Bellary			
	Expenditure		Revenue		Expenditure		Revenue	
	New Works	Repairs	Stagnant Cultivation in Acres	Assessment	New Works	Repairs	Stagnant Cultivation in Acres	Assessment
1855-56	8049	2346	71262	696943	14732	5099	85601	799600
1856-57	3744	28904	86626	842119	12001	54430	80390	773631
1857-58	69232	8409	72015	722011	1001	1000	154501	649353
1858-59	16005	7906	73252	690069	4020	152091	140501	661169
1859-60	3979	5442	70967	734721	1001	1001	130101	154951
1860-61	391	6309	77001	81555	120	72110	144340	653760
1861-62	23533	24601	70414	557604	899	4084	140001	664349
1862-63	12200	29050	84200	615610	2125	39090	115951	701511
1863-64	1061	22000	70011	562393	10501	8110	140510	634940
1864-65	2063	24615	82010	591900	151	2000	154651	622590

Madura

Generally

1855-56	1494	24130	8199	44466	11282	11569	122421	955106
1856-57	250	30441	84200	405303	1456	3444	100421	1116391
1857-58	105	52369	82320	150010	2314	61105	800611	1600002
1858-59	"	41396	91406	1418540	106	45015	149191	8061012
1859-60	"	20152	122991	520005	101	50005	149041	1410131
1860-61	"	26903	120630	192161	409	4244	130451	1111611
1861-62	"	36104	110946	809004	445	4084	116111	1111611
1862-63	"	10204	120901	500015	1921	90614	621121	1351011
1863-64	215	29022	150201	806610	956	62564	119162	1111611
1864-65	1500	29590	150100	549540	2161	81700	115511	1552121

Office of the Comptroller
P. W. Accounts
Madras 15th February 1866.

G.M.

Captain B.E.
Comptroller of P. W. Accounts

31
of 25-28 by 15-25 18

46 53/100

100 129/158

100 144/165

100 160/180

16 back in 100

Enclosed in a letter
from the Controller
of the Accounts to the
Secretary of the Government
dated 15th February
1881 No 3150.

100 160/180

100 160/180

Statement of Enumerative Works in the Lock

314

Name of Work.	Capital			
	Outlay on construction (Do not stock material)			
	Description	Amount up to the end of the year	Amount for the current year	Total
Goldens Ferry Ancient and its subsidiary Works.	Outlay on original Works & reconstruction	\$366,774 1/2	\$267,891	\$393,563
	Deduct deterioration by wear and tear at 1 percent	\$290,238	\$36,677	\$326,915
	Balance of Capital	\$377,504	\$231,214	\$360,877

Superintending Engineer's Office,
T^h D^W, Wall and,
17th November 1864-

* No credit taken for any share of the increase in Revenue from Landing such as Customs, atkins &c. though no doubt this is in great measure due to the ancient works. The Proceeds of Canal avails and grass rents also are up to the Ancient - they have been granted to the tolls for the

This is a return of Return of Canal Revenue does not there has been a large increase in which increase can only be paid

Statement of Enumerative Works in the Godavari

Capital				
Name of Work	Description	Outlay on construction and stock valuation		Description
		Amount up to the end of the past year.	Amount for the current year.	
Godavery Ancient and its subsidiary Works.	Original Works and reconstruction.	39,55,633	34,89,44	Interest on Capital 39.3
	Deduct Deterioration by wear & Tear at 1 per cent.	32,69,15	39,35,56	At 4 per cent Maintenance & Repairs.
Balance of Capital		36,08,718	30,95,88	Total Charge 39,18,306

Maintenance and Repairs — 17,32,49
 Management and distribution } Irrigation 14,000
 Share of S.D.W. Establishment } Irrigation 21,000
 25,000
* 2,36,249

* No credit taken for any share of the increase in Revenue from "Sundry sources" such as Customs, Akkary, Salt, &c though no doubt that increase is in a great measure due to the Ancient works.

The proceeds of Canal anenies and gross rents also are not credited to the Ancient - they have been granted to the Collector for the District Road.

Supg Engineer's Office, 12 D. W.
 Waltair, 14 October/05

C. Vardan. J. S. Pan

Statement of Enumerative Works for the Year 1864/65.

Delta District

34

Capital

Revenue

Name of Work

Outlay on Construction (Dead Stock Valuation)

Charges

Income

Description
Amount upto the end of the past Off. Year
Amount for the Current year
Total
Rs. Rs. Rs.

Description
Amount upto the end of the past Off. Year
Amount for the Current year
Total
Rs. Rs. Rs.

Description
Amount upto the end of the past Off. Year
Amount for the Current year
Total
Rs. Rs. Rs.

Remainder of Capital

Outlay on Original Works and Recon-
struction. 492702 23109 515811
Deduct deterioration
by wear and
tear. 85746 9854 95600

Interest on the
Capital Rs. 492702
at 4 percent - 82342 19708.102050
Maintenance
and Repairs. 182448 6051.188499
264790 25759 290549

Gross proceeds
from all
Sources. - 126235 64875 191110

Balance of Capital 406956 13255 420211

Balance of Charges 138555 " 99439

Balance of Income } 39116
being at the rate of 7.58 percent

Superintending Engineer &c &c
Camp at Bellur
31 January 1866

For Maintenance Establishment Rs. 2276
" Delta Irrigation Repairs. " 3775
Rs. 6051

C. T. Misra
Superintending Engineer &c &c

31-1-1866

my District for the year 1864/65.

3

Revenue

Charges			Income		
Amount up to the end of the last year.	Amount for the current year.	Total	Description	Amount up to the end of the last year.	Amount for the current year.
			Gross Proceeds from all sources	14,351,616	17,81,606
				15,371,616	16,133,220
11,929,988	15,74,225	16,50,413			
			Balance of Income	10,195,156	14,50,930
2,613,474	1,73,249	2,83,623		11,195,156	12,646,084
4,156,462	3,30,674	4,48,136			

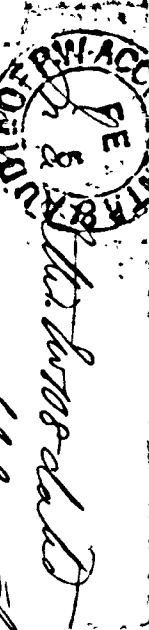
Gross Collections Land Revenue — 35,38,604
 10° 5° Average of 5 years }
 before commencement of Amint. } 17,57,000

Increase of Land Revenue 17,81,606
 * Deductions — 2,36,249
 Net Revenue 15,45,355

J. Peatte - Captain. R.E.
 Offg. Supy. Engineer, 1st Div.

no money
 age

Statement of Revenue
 received & paid for the
 year 1864/65.
 J. Peatte
 27 January 1865 from the
 Deputy Engineer 28th & 29th
 Contd. of 13th & 14th.



every District for the year 1863/64

Revenue.

Charges.				Income.			
Description	Amount up to the end of the year.	Amount for the current year.	Total	Description	Amount up to the end of the year.	Amount for the current year.	Total
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
Interest on the Capital 3667742 at 4 per cent	1346279	146709	1492988				
Maintenance & Repairs	2492551	169923	2662474	Gross proceeds from all sources	13628466	1723150	14351616
				Total	13628466	1723150	14351616
Total Charge	3837830	316632	4154462	Balance of Income	9788636	1406518	10195154

Gross Collections Land Revenue 1863/64 34,80,150
 Do do average of 5 years before commencement of aicut 17,57,000

Increase of Land Revenue 17,23,150

Deduct charges as follows
 Maintenance & Repairs 169923
 Management & distribution { Irrigation 15000
 { Extension 25000
 Share of D.P.W. Establishment 24,000 233923
 Net Increase 1489127

her Cent. an 48 lacs Capital sunk in the works - but the Collector's give the Delta Taluqs separately from the Upper taluqs: and no doubt the Dry Land Revenue by extension of cultivation of cotton, oil seeds &c. is attributed to the aicut works.

V. J. 7
 Superintending Engineer &c.

2. Sept. 8 PM 9/16/64
 No. 3156.

He is the Controller of
 D.P.W. Accounts
 dated 12-3-3 October/65.
 1863/64

Statement of Revenue
 in the works in the
 ordinary district
 for the year 1863-65.

N^o 328

Mellone, Collector's Office,
23^d December 1865.

From

J. W. B. Dykes Esquire,
Collector of Mellone.

To

W. Rudleston Esquire,
Secretary to the Board of Revenue,
Madras.

Sir

I have the honor to submit the results
of the Pennair Anihat irrigation for 1864-65.

*
In the year 1864-65,
the total expenditure
was Rs. 24,500, and
the total revenue
was Rs. 54,000.
In the year 1865-66,
the total expenditure
was Rs. 24,500, and
the total revenue
was Rs. 54,000.

Last year the increase was 54,000
rupees, this year it is 65,000.

Taking the total expenditure to
date at Rupees 4,73,000, our increase gives
us a return of 14 percent.

And Considering that this is
only the fourth year, and the project
is only partially developed, the returns
must I think be considered favourable
though we do take credit for the subsidiary
reservoirs,-

reservoirs, the cost of construction of which, if it could be ascertained, would considerably enhance the expenditure shown from the public purse.

5 The rise in the revenue from the Bellare Saluk irrigation above the level of the Anikhat, shows pretty clearly how the Anikhat has reacted on the tank - And, on the other hand, the current season has shown more clearly than ever how utterly essential such reservoirs are to irrigation from the Pennair.

6 Combined with reservoirs, there is a wide field for further utilizing the rivers under report - And I trust the day is not far distant when an Anikhat at Someewaram will water the Rapurn and Kavali Saluks, and an Anikhat at Sangam will pour the autumnal floods of the Pennair into

our reservoirs: North of the river, where we now have not half our irrigable area under occupation, and see volume of water rolling by to the sea

7 I greatly regret the delay there has been in submitting this report, in consequence of the inquiries necessary on the receipt of the Board's Proceedings of the 31 August last - I am glad to find that the orders as to drains have not as yet much affected our increase, that if we rose 23,000 Rupees last year, we have still risen 11,000 Rupees this. And before the next report goes in, I trust I shall have made the settlement of the Bellare Saluk, and be able to state definitely to what extent the Bellare Anikhat will be so much money in the pockets of those who have contributed

Contributed least to its construction.

I have &c.

/Signed/ J. W. C. Dykes
Collector

/True copy/

J. W. C. Dykes
Collector

S. Captain J. F. Fisher, R. E. No. 318
Controller of Public Works accounts,

with reference to his letter to
Secretary to Government, Public Works
Department, of the 28th November 1865

No. 2229.

Compd. Th. M.

Sup Engineer's Office
Camp at Nelson
31 January 1866.

No. 108
From Lieut Colonel G. Whisman R.E.
Superintending Engineer
To Captain J. S. Fischer R.E.
Controller of P.W. Accounts
Dachau

With reference to your letter
No. 2747 of 12th instant I have the
honor to forward the
Statement of Remunerative Work
for the year 1864/65 as therein requested.

The Copy of Collector's letter
with its enclosure is herewith
returned.

I have the honor to be
Sir
Your most obedient servant,

Geo. Morrison Esq. R.E.
Sup Engineer's Office

[Signature]

To the S.E. 22nd Regt 8/12
Jan'y 1866 No. 2747.

To Capt. G. Whisman R.E.
No. 3156.



Recd.

Collector of Revenue

The Controller of Public
Works Accounts

Jan'y 29/66

Recd 23rd
Jan'y 28th 1866

12/3/18
Enc. one

Forwarding Copy of
the 1864 Statement to the
Board of Revenue
Relating to the result of
the Museum Account 1864.
Saline for 1864. 65.

Dist
 Proceedings of the ¹²⁹⁸Madras Government
 Under date the 1st ^{May} April 1867
 Recd the following
 from the Controller of P.W.
 Accounts - (N. E. 15th February, 1866 No. 315)

from the Asst Secy to the
 Govt. of India - (N. E. 10th April 1867 No. 483)

Ordered that the
 Statement refd to in
 this letter be forwarded
 to the Govt of India -
 1299

To The Secy to the Govt of India
 P.W.D.

Sir,
 I am directed by His
 Excellency the Governor
 in Council to forward in
 compliance with the
 request contained in Capt.
 Pemberton's
 Memo of the 10th April 1867,
 No 483, the Statement of
 Remunerative Rates in
 this Presidency for the
 year 1864/65-

Recd 2/5/67 with three copies
 of the Statement

14
 G. W. St. George
 1st May 1867

W. S.

Report: 07/11/15 to 12/12/15
 No: 3156



The Chief Engineer
 of Division
 to Mr. P. W. D.
 Madras

Recd 21 January 1866

2/5/67

Forward Statement
 of Remunerative Rates
 for the year 1864/65 for
 the Madras District

Pub. Works 1867 (Depart)

Pro. of Govt. for May

Pro. of the Madras Govt.
11th May 1867

Passing orders on
the Statement of Munera-
ture Works in the Madras
Presidency for 1864-65.