M.R.O. 1—77,006—3-6-37.

(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. 1385 (I) Press ~~Mis.~~

Dated 23-6- 1877.

Not to be folded or roughly handled

No. 536.

Read the following :—

IRRIGATION.

Return of Grants and Appropriations for and Expenditure on Works for the Month of January 1877.

System, &c.	CAPITAL.								REVENUE.							
	EXTRAORDINARY.				ORDINARY.				EXTENSION AND IMPROVEMENTS.				MAINTENANCE AND REPAIRS.			
	Grants as per Budget.	Grants as they now stand.	Specific Appropriation.	Expenditure to end of Month.	Grant as per Budget.	Grant as they now stand.	Specific Appropriation.	Expenditure to end of Month.	Grant as per Budget.	Grants as they now stand.	Specific Appropriation.	Expenditure to end of Month.	Grant as per Budget.	Grants as they now stand.	Specific Appropriation.	Expenditure to end of Month.
	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
Godavery Delta System ..	2,58,400	2,01,469	2,01,469	1,17,193	8,100	9,600	9,600	1,105	..	6,500	5,993	6,964	1,25,000	1,45,000	1,39,962	1,08,245
Kistna Delta System ..	49,860	27,360	27,360	18,209	2,000	6,691	6,691	5,918	6,800	6,800	5,897	3,719	1,10,000	1,15,000	1,12,944	1,07,564
Pennair Anicut System ..	21,000	12,791	12,791	..	16,649	45,991	45,991	30,142	5,975	5,975	3,410	2,819	29,500	29,500	29,500	18,501
Chembrumbaukum Tank ..	..	..	..	..	12,000	7,000	7,000	1,464	..	..	741	583	27,300	27,300	16,411	15,373
Palar Anicut System ..	..	..	..	..	..	..	..	..	..	1,763	1,908	2,617	21,000	31,129	49,282	48,425
Pelandevai Anicut System ..	..	..	..	2,655	..	..	..	..	..	..	..	..	2,000	9,000	9,000	7,076
Cauvery Delta System ..	..	..	..	..	..	..	..	..	17,000	17,000	13,824	6,848	84,800	84,800	84,771	54,266
Strevikuntum Anicut System ..	36,820	36,820	36,820	29,302	..	..	..	..	..	2,500	2,317	2,084	17,000	14,500	12,919	10,365
Other Works * ..	..	..	..	..	..	..	8,693	..	..	..	319	..	..	..	42,834	..
Total ..	3,66,080	2,78,440	2,78,440	1,62,019	38,749	69,282	77,975	35,701	29,775	40,538	34,409	25,024	4,16,600	4,56,229	4,97,623	3,69,815

* The entry of other works is owing to the revised appropriation return from Chingleput District not having been received in this office.

Ordinary Agricultural.

Districts.	REPAIRS.				ORIGINAL WORKS.							
					MAJOR WORKS.				MINOR WORKS.			
	Grants as per Budget.	Grants as they now stand.	Specific Appropriation.	Expenditure to end of Month.	Grants as per Budget.	Grants as they now stand.	Specific Appropriation.	Expenditure to end of Month.	Grants as per Budget.	Grants as they now stand.	Specific Appropriation.	Expenditure to end of Month.
	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
Ganjam	39,000	39,000	39,000	35,095	...	...	...	...	3,000	3,000	3,000	2,194
Vizagapatam	19,000	16,000	14,811	8,961	...	...	...	...	2,000	2,000	2,000	535
Godavery	50,025	61,895	55,689	47,808	25,000	31,398	31,398	19,282	11,500	10,102	9,952	4,901
Kistna	8,200	18,200	17,805	14,760	1,000	2,804	2,804	2,381	3,500	3,500	3,012	839
Nellore	37,900	37,900	55,671	43,900	63,550	50,208	50,208	44,211	4,000	4,000	3,900	1,556
Cuddapah	70,000	50,000	50,000	42,050	...	...	...		12,000	17,000	12,000	10,975
Kurnool	40,000	46,400	39,962	35,693	20,000	25,398	25,398	9,631	8,000	16,818	14,203	10,586
Bellary	52,000	48,000	47,080	27,996	...	...	...	...	8,000	8,000	8,000	5,749
Presidency	3,000	3,000	1,927	1,292	...	...	...	...	...	...	...	...
Chingleput	74,700	74,700	42,730	79,939	32,942	20,214	20,214	14,604	20,000	20,000	7,499	14,264
North Arcot	1,01,500	91,373	75,143	65,572	...	3,500	3,500	1,241	20,000	18,235	18,092	16,384
South Arcot	1,06,000	89,000	88,930	64,417	22,000	16,000	16,000	11,213	20,000	17,500	17,317	13,416
Salem	54,000	54,000	55,503	48,422	5,000	9,218	9,218	6,166	15,000	15,000	16,155	13,540
Tanjore	62,300	62,300	62,201	44,213	...	...	...	...	8,000	3,000	2,088	790
Trichinopoly	83,000	86,500	84,373	81,220	...	...	...	...	8,000	13,340	13,255	11,509
Coimbatore	75,500	75,500	74,830	53,597	...	6,902	6,902	7,056	6,000	9,000	8,670	5,906
Malabar	1,500	1,500	1,500	2,032	...	...	...	...	500	500	...	...
Madura	50,000	47,408	47,207	35,937	...	...	...	...	4,000	7,092	4,500	6,044
Tinnevelly	63,000	66,500	65,747	62,363	21,100	21,100	21,100	13,306	15,000	15,000	14,702	10,602
Total ...	9,90,625	9,69,176	9,20,109	7,95,267	1,90,592	1,86,742	1,86,742	1,29,091	1,68,500	1,83,087	1,58,345	1,29,790

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(2)

No. 138—W.

No. 536-A. *Note by the Chief Engineer for Irrigation.*

THE return now submitted is a compilation received from the Examiner of Public Works Accounts and is intended to supersede and extend the information formerly laid before Government in the Statements of Repairs and Minor New Works under—

Capital Extraordinary.

	RS.
The grants amounted to	2,78,440
„ expenditure to	1,62,049
„ normal average expenditure would have for 10 months been ...	2,32,033

The short outlay is partly according to what is usual and partly owing to the keeping open of the Delta canals beyond the ordinary time for their closure. A considerable surrender of funds has been since made.

G.O., dated 22nd February 1877, No. 605.

Capital Ordinary.

	RS.
Grants	69,282
Expenditure	35,701
Do. normal average	57,735

The short outlay is considerable and unsatisfactory.

Revenue Extensions and Improvements.

	RS.
Grants	40,538
Expenditure	25,624
Do. normal average	33,770

In some cases the grants have been exceeded, but on the whole the progress was not good. A surrender of more than one-fourth of the grant for the Cauvery Delta system has since been made and at a date much too late.

19th March.

Revenue Maintenance and Repairs.

	RS.
Grants	4,56,229
Expenditure	3,69,815
Do. normal average	3,80,191

Probably the grants will be fully utilized. Most of the excess expenditure on the Palar Anicut system has been adjusted.

ORDINARY AGRICULTURAL.

Repairs.

	RS.
Grants	9,69,176
Expenditure	7,95,267
Do. normal average	8,07,647

The general progress is as close an approximation to that intended as could perhaps be expected under the special circumstances of the season. Additional funds have been provided for Nellore. In Chingleput the expenditure was greatly in excess of the appropriations. The grant is incorrectly entered. It should be 89,700.

Original Works,
Major.

In Kurnool the progress shown is unsatisfactory, but it is doubtful whether the entry under expenditure is correct. In Chingleput a large part of the grant was not available for expenditure, being under restriction pending the sanction of a revised estimate. The general results are—

	RS.
Grants	1,86,742
Expenditure	1,29,041
Do. normal average	1,55,618

and taken in connection with the remarks above made they are tolerably good.

Minor Works.

	RS.
Grants	1,83,087
Expenditure	1,29,790
Do. normal average	1,52,572

On the whole the progress is disappointing, as, in so dry a season, this class of work should have been ahead of, instead of behind, the average.

FORT ST. GEORGE,
12th April 1877.

(Signed) JOHN MULLINS, Lt.-Col., R.E.,
Chief Engineer for Irrigation.

To the Secretary to Government, Public Works Department,

No. 537. ORDER THEREON, 23rd April 1877, No. 1,385.

IRRIGATION, No. 52.
Account.

ORDERED to be recorded.

(True Extract.)

Lieut.-Col., R.E.,
Joint Secy. to Govt., P.W.D.,
Irrigation Branch.

To District Engineers.
To the Examiner of Public Works Accounts,
" Chief Engineer for Irrigation.
" Revenue Department.

Exd. E. C. Shunker.
Spare Copies

Irrigation

Return of Grants and Appropriations for and Expenditure on Works for the month of January 1877

Systems &ca.	Capital: Extraordinary — Grant as per Budget	Grants as they now stand	Specific Appropriation	Expenditure to end of month	Capital: Ordinary — Grant as per Budget	Grants as they now stand	Specific Appropriation	Expenditure to end of month	Revenue: Extensions & Improvements — Grant as per Budget	Grants as they now stand	Specific Appropriation	Expenditure to end of month	Revenue: Maintenance & Repairs — Grant as per Budget	Grants as they now stand	Specific Appropriation	Expenditure to end of month
Godavery Delta System	258400	201469	201469	177193	8100	9600	9600	1105		6500	5993	6954	125000	145000	139967	108245
Kistna Delta System	49860	27360	27360	18209	2000	6691	6691	5918	6800	6800	5097	3719	110000	115000	102944	107664
Pennar Anicut System	21000	12791	12791	-	16649	45991	45991	30142	5975	5975	3410	2019	29500	29500	29500	10501
Chembrambakam Tank	-	-	-	-	12000	7000	7000		-	-	741	583	27300	27300	16411	15373
Palar Anicut System	-	-	-	-	-	-	-	-	-	1763	1908	2617	21000	31129	49202	48425
Pelandorai Anicut System	-	-	-	-	-	-	-	-	-	-	-	-	2000	9000	9000	7076
Cauvery Delta System	-	-	-	-	-	-	-	-	17000	17000	13024	11848	84800	84000	84771	54266
Srivaikuntam Anicut System	36820	36820	36820	29302	-	-	-	-	-	2500	2317	2084	17000	14500	12919	10365
Other Works*	-	-	-	-	-	-	8693	-	-	-	1319	-	-	-	42834	-
Total	361680	278440	278440	162049	38749	69202	77975	35701	29775	40538	34409	25624	416600	454229	497623	369815

* The Entry of Other Works is owing to the Revised Appropriation Return from Chingleput District not having been received in this Office.

(II)

Ordinary Repair

Agricultural

Original Works

Districts	Repair: Grants as per Budget	Repair: Grants as they now stand	Repair: Specific Appropriation	Repair: Expenditure end of month	Major Works: Grants as per Budget	Major Works: Grants as they now stand	Major Works: Specific Appropriation	Major Works: Expenditure to end of month	Minor Works: Grants as per Budget	Minor Works: Grants as they now stand	Minor Works: Specific Appropriation	Minor Works: Expenditure to end of month
			5	4	4	5	4	5	5	5	5	4
Ganjam	39000	39000	39000	35095	-	-	-	-	3000	3000	3000	2194
Vizagapatam	19000	16000	14011	8961	-	-	-	-	2000	2000	2000	535
Godavery	50025	61895	55609	47008	25000	31398	31398	19282	11500	10102	9952	4901
Kistna	8200	18200	17015	14760	1000	2004	2004	2381	3500	3500	3012	839
Nellore	37900	37900	55671	43900	63550	50208	50208	44211	4000	4000	3900	1556
Cuddapah	70000	50000	50000	42050	-	-	-	-	12000	17000	12000	10975
Kurnool	40000	44400	39962	35693	20000	25398	25398	9631	8000	16818	14203	10586
Bellary	52000	40000	47080	27996	-	-	-	-	8000	8000	8000	5749
Presidency	3000	3000	1927	1292	-	-	-	-	-	-	-	-
Chingleput	74700	74700	42730	79939	32942	20214	20214	14604	20000	20000	7499	14264
North Arcot	101500	91373	75143	65572	-	3500	3500	1241	20000	10135	18092	16304
South Arcot	106000	89000	88930	64417	22000	16000	16000	11213	20000	17500	17317	13416
Salem	54000	54000	55503	48422	5000	9218	9218	6166	15000	15000	16155	13540
Tanjore	62300	62300	62201	44213	-	-	-	-	8000	3000	2008	790
Trichinopoly	83000	86590	84373	81220	-	-	-	-	8000	13340	13255	11509
Coimbatore	75500	75500	74820	53597	-	6902	6902	7056	6000	9000	8670	5906
Malabar	1500	1500	1500	2632	-	-	-	-	500	500	-	-
Madura	50000	47408	47207	35987	-	-	-	-	4000	7092	4500	6044
Tinnevelly	63000	66500	65747	62363	21100	21100	21100	13306	15000	15000	14702	10602
Total	990625	969176	920109	795267	190592	186742	186742	129091	160500	183087	158345	129790

G.O. No. 947 1/12 77

1877 IRRIGATION

P.W.D.
14 APR 77
No 3932

G.O. 23d April 77 I.B. No 53

E. I. Form No. 18.

OFFICE OF CHIEF ENGINEER FOR IRRIGATION,
No. 188 W. Fort St. George, 12 April 1877.

Note by the Chief Engineer for Irrigation.

Enclosures.
One.

The return now submitted is a compilation received from the Examiner of Public Works Accounts and is intended to supersede and extend the information formerly laid before Government in the Statements of Repairs and minor new Works under

Capital Extraordinary

the grants amounted to Rupees 2,78,440
— " — expenditure to Rupees — 1,62,049
— " — normal average expenditure would have, for 10 months, been — 2,32,033

The short outlay is partly according to what is usual, and partly owing to the keeping open of the Delta canals beyond the ordinary time for their closure. A considerable surrender of funds

G.O. 605 of 22d Feby 1877.

funds has been since made.-

Capital Ordinary.

Grants ———— Rupees 69,282
Expenditure ———— " —— 35,701
— do — normal average — " — 57,735

The short outlay is considerable and unsatisfactory.

Revenue Extensions and Improvements.

Grants ———— Rupees 40,538
Expenditure ———— " — 25,624
— do — normal average " — 33,770

In some cases the grants have been exceeded, but on the whole the progress was not good. A surrender of more than one fourth of the grant for the Cauvery Delta system has since been made and at a date much too late.- 19 March.

Revenue Maintenance and Repairs.

Grants ———— Rupees 4,56,229
Expenditure ———— 3,69,815
— do — normal average — 3,80,191

Probably the grants will be fully utilized. Most of the excess expenditure on the Palar Anicut system has been adjusted.-

Ordinary Agricultural.

Repairs.-

Grants ———— Rupees 9,69,176
Expenditure ———— 7,95,267
— do — normal average — 8,07,847

The general progress is as close an approximation to that intended as could perhaps be expected under the special circumstances of the season. Additional funds have been provided for Nellore. In Chingleput the expenditure was greatly in excess of the appropriations. The grant is incorrectly entered. It should be 89,700.

Original Works.

Major.

In Kurnool the progress shown is unsatisfactory, but it is doubtful whether the entry under expenditure is correct. In Chingleput a large part of the grant was not available for expenditure

expenditure being under restriction pending the sanction of a revised estimate.

The general results are

Grants	Rupees 186,742
Expenditure	129,041
do normal average	155,618

and taken in connection with the remarks above made they are tolerably good.

Minor Works.

Grants	183,087
Expenditure	129,790
do normal average	152,572

On the whole the progress is disappointing as in so dry a season this class of work should have been a head of instead of behind the average.

Lieut. Col. R.E.
Chief Engineer for Irrigation.

To
The Secretary to Government
P.W.D.

22.2.77 No 605

1877.

From The Chief Engineer for Irrigation

P.W.D.
14APR77
No 3932

Dated 12 }
Despd. 14 } April 1877.

Encl/1

No 188-W.

Statement of Outlay on Works & Repairs — Note submitting, with remarks, the — received from the Examiner of P.W. Accts. for January 1877.

G.O. 23rd April/77 I.B. No 536

Coll/6-77

E. I. Form No. 22.

No 1385 Public Works Department.

PROCEEDINGS of the MADRAS GOVERNMENT.

Under date the 23rd April/77

Read the following:—

Note by the Chief Engineer for Irrigation } (P.E. No 188 W, 12th April 1877)

Ordered to be recorded.—

14/4

D.G. ✓
Ex. P.W.A. ✓
Ch. E. for I. ✓
Rev. Dept. ✓

Despd - 11-5-77

~~C No 3932~~

Govt. of {1877} Madras.

PUBLIC WORKS.

To District Engineers

Dated 25/4

Issued

Recd. Encl.

G. O. 23d april 1877, No. 1385

Nos. 536-537

Statement of Outlay on Works & Repairs (Irrigation) for January 1877. Recorded

Entd. in Regr.

G. 11.4.77