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MADRAS RECORD OFFICE

Government of Madras

Public Works DEPARTMENT

G.O. No.	2533	Press
B.P. No.		Mis.
Dated	7-9	6874 —195—

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
7th September 1874.*

No. 136. Read the following endorsement of the Chief Engineer for Irrigation, dated Ootacamund, 7th August 1874, No. 23 :—

From J. H. LATHAM, Esq., Chief Engineer and Manager of the Madras Irrigation and Canal Company, to Lieutenant-Colonel J. MULLINS, R.E., Chief Engineer for Irrigation and Joint Secretary to Government, Fort Saint George, dated Kurnool, 30th July 1874, No. 88 :—

I HAVE the honor to forward* herewith my Report, together with those for the Upper and Lower Divisions, for the month of January last.

* By Book Post.

2. I regret that through an oversight in this office they were omitted to be sent at the proper time.

Chief Engineer's Report to accompany the Divisional Reports for January 1874.

The supply of the canal has been maintained during the month.

The following is the comparison of this season's irrigation with last up to date :—

Division.	Season of 1873-74.	Season of 1872-73.	DIFFERENCE.	
			Increase.	Decrease.
	ACRES.	ACRES.	ACRES.	
Upper...	4,580 20	4,081 35	498 85	
Lower...	9,696 79	4,835 98	4,860 81	
Total...	14,276 99	8,917 33	5,359 66	

This does *not* include cultivation supplied under and through Governmental tanks, amounting to near 2,000 acres, irrigated partly by canal water.

I have been enabled, by the kind assistance of the Acting Collector, to compile the accompanying table showing the name and population of every village in the Kurnool District, any part of which is commanded by the canal. In one column is the population of every hamlet (a "village" in India means the land of a village only, the houses being called "hamlets"), commanded by the canal; in another is the population of all hamlets not themselves commanded, lying within villages portion of which, however small, is commanded: in a third column is the total *wet* cultivation of the season now closing. It will be seen that 157 villages have the power to irrigate some portion of their territory, provided channels are made for them, and these villages contain 166,359 inhabitants, of which 133,851 lie under the canal. If these last consume rice only at 1 lb. a day, for men, women, and children, on the average, it would require 13,385 acres of good rice land, and 26,770 acres of poor rice land, to feed them; whereas the total area cultivated with *wet* crop is but 5,320, or adding 5,000 acres under Governmental tanks, 8,320.

The result seems encouraging. We find in Ramalakota Taluq, in which the small village of Roza is the only one lying entirely under the canal, 89 acres average cultivation in each village. In Nundikotakur Taluq, omitting the villages of Sangameshwaram, Lakshmapuram, and Metakondal, in which only detached fragments of poor land are commanded, and Kokkiransa on the same account, 77 acres per village. There seems then no reason why an average of 80 acres should not be reached any year, giving above 12,000 acres in the whole district. The taluq of Sirwell has made a good start.

KURNOL,
13th February 1874.

(Signed) J. H. LATHAM,
Chief Engineer and Manager.

Proceedings of the Madras Government, Public Works Department,
7th September 1874.

KURNOOL DISTRICT, UNDER THE CANAL.

Table showing the Population in December 1873, and the Irrigation in 1873-74.

Village.	POPULATION.		1st and 2nd Wet crops, 1873-74.
	Under the Canal.	Not under Canal.	
<i>Ramalakota Taluq.</i>			
Soonkasala		491	ACRES. 23 19
Kontalapad	400	496	7 37
Yedurur	476		73 16
G. Singavaram	924		56 61
Neduzur	925		69 77
Munagalapad	497	300	60 31
Mamidyapad	351		58 99
Roza	447		21 16
Kullur... ..		1,401	485 45
Kurnool Municipality	22,867		7 60
Jolapuram	2,324		115 06
11 Villages, Total...	29,211	2,688	a 978 67
<i>Nandikotakur Taluq</i>			
Rudravaram	300	1,045	66 33
Pudur	508		40 26
Allur		916	15 65
Shaitanikota	533		131 36
Mallyala	814		148 67
Maddigatla	232		48 28
Bijinavemula	566		32 77
Nagatur		1,110	87 78
Marvakonda	1,066		55 23
Virapuram	458		80 19
Muchumarri	1,339		426 23
Vellala	719		16 81
Sangameswaram		631	
Biravol	865		99 49
Palamarri	461		45 09
Pagadyala		1,128	145 56
Pratakota	1,928		180 00
Lakshmapuram		575	
Ganapavaram	1,265		253 76
Tatipad	1,083		38 52
Bollavaram	232		26 83
Kokkiransa		771	
Tummalur	609		1 00
Bannur	859		32 93
Tarigoppula	1,013	300	5 02
Jutur	722		95 57
Chelimella	200		142 99
Pamulapad	963		158 75
Kambalapilly	196		77 26
Banumukkala	200	459	2 54
Mitakandala	50	968	
Vempenta	709		
Tudicherla	716		56 07
Maddur	947		10 38
Guntakandala		558	
Vanala	1,359		77 14
Karrapolur	312		7 13
Regada Gudur	1,288		8 35
Velapanur	2,746		71 38
39 Villages, Total...	25,278	9,068	b 2,686 39

a. Being 619 Acres less than last year.

b. Omitting 23 Acres in Nizam's country, being 756 Acres more than last year.

Proceedings of the Madras Government, Public Works Department,
7th September 1874.

Table showing the population in December 1873, etc.—(Continued.)

Village.	POPULATION.		1st and 2nd Wet crops, 1873-74.
	Under the Canal.	Not under Canal.	
<i>Nundial Taluq.</i>			ACRES.
Bilakalagudur...	1,356		52-14
Budanur ...		497	7-55
Gadivemula ...		1,775	
Pesaravayi ...	1,109		9-95
Bhojanam ...	971		
Chindukur ...		1,334	
Paramatur ...	559		12-01
Santazutur ...		1,119	
Gadigerevula ...		861	
Karimaddula ...	1,325		11-24
Bandiatmakur ...	2,436		4-26
Tirripad ...	742		17-81
Karatamaddi ...		819	
Yerraguntla ...	889		
Kakanur ...	602		
Parnapalli ...	929		
Ernipad ...		1,415	3-46
Pulimaddi ...	954		
Rayamalpuram ...		416	
Bhimavaram ...	774		9-11
Ayavarikodur ...	945		
Byapakodur ...	764		2-07
Bollavaram ...		503	3-14
Nandial ...	9,468		65-2
Billalapuram ...	429		
Kottala ...		691	
Udumalpuram ...		824	
Nunepalli ...	538		38-22
Ayalur... ..		1,703	
Chapirevula ...	835		
Chebole ...	923		25-73
Kanala ...	1,692		
Pusulur ...	701		
Bramhanapalli ...	300		
Anupur ...		539	
Mittanala ...	658		
Guntanala ...	522		
37 Villages, Total...			(a) 261-90
<i>Sirwell Taluq.</i>			
Sambavaram ...	446		5-94
Dibaguntla ...		996	22-92
Nagulavaram ...	204		
Malappa Chintagunta	530		31-04
Julapalli ...	500		25-00
Pasarapad ...	586		4-69
Tellapuri ...	442		24-81
Kullur ...	230		12-50
Govindapalli ...		996	32-80
Kanalapalli ...		360	16-20
Kaminipalli ...		349	23-01
Jillella ...	1,293		49-01
Gosapad ...	902		33-17
Vantivelagala ...	314		23-66
Sirwell ...	2,279	500	110-52
Erraguntla ...	1,622		31-11
Kotapad ...	910		135-13

Proceedings of the Madras Government, Public Works Department,
7th September 1874.

Table showing the Population in December 1873, etc.—(Continued.)

Village.	POPULATION.		1st and 2nd Wet crops, 1873-74.
	Under the Canal.	Not under Canal.	
<i>Sirwell Taluq.—(Concluded.)</i>			
Vanikandinni	335		ACRES. 7-91
Yallur	1,662		176-44
Kristnapuram	559		
Jenipalli	218		11-77
Perur		727	4-90
Buttalur	779		13-28
Gumparamandinne	701		3-14
Chilakalur		361	
Nallagatla	666		37-13
Gopalapuram	343		29-33
Gubagundam	510		
Chintagoonta	1,843		120-14
Devarayapuram	486		34-97
Allagadda	516		35-06
Palasagram	231		3-36
Lingamdinne	456		17-51
Kotakandakur	1,669		
Patakandakur	995		40-66
Chintakommadinne	581		18-57
Ramapalle	306		
Pedda Bhojanum		909	30-00
Nelampad	924		
Maddur		719	
Bramhanapalli	378		
Kalugottapalle	486		
Gotlur	585		19-23
Mallemla	594		
Kullur		560	
45 Villages, Total...	26,081	6,477	21,217-96
<i>Koilkuntla Taluq.</i>			
Gundupapala	809		9-56
Revanur	1,202		26-90
Uppatur	182		
Kalugotla	1,283		
Govindinne	1,389		
Zoladarasi	583		
Chintagunta		20	
Lakirasvemula	1,424		81-92
Burrareddipalli	342		10-18
Arjanapuram	354		22-82
Bhimunipad	1,217		
Gubagundam Jammuladinne	560	1,154	5-95
Kondapuram	527		87-68
Donipad	2,110		46-69
Kampamalla	1,000		
Kristipad	1,000		
Harivaram	1,700		1-00
Papampalli			
Padigerai	27		
Suddamalla	507		
Vuyyalavada	2,042		
Kondupalli	577		
Sarvepalli	807		
Injed	753		

a. Being 480 acres more than last year.

Proceedings of the Madras Government, Public Works Department,
7th September 1874.

Table showing the Population in December 1873, etc.—(Concluded.)

Village.	POPULATION.		1st and 2nd Wet crops, 1873-74.
	Under the Canal.	Not under Canal.	
<i>Sirwell Taluq.—(Concluded).</i>			
Peddayammanur	 1,509	1,601	ACRES.
Reddwari Jammuladinne			
26 Villages, Total...	22,860	2,775	b 292-70
<i>Abstract for all Kurnool District.</i>			
Ramalakota	29,211	2,688	978-67
Nandikotakur	25,278	9,068	2,686 39
Nandial	30,421	12,496	261-90
Sirwell	26,081	6,477	1,217-96
Koilkuntla	22,860	2,775	292-70
Total...	133,851 33,504	33,504	5,437-62
	167,355		

b. Being 93 Acres more than last year.

Monthly Report for the Upper Division for January 1874.

I HAVE been so occupied after the Christmas holidays, first by the meeting at Cuddapah about new rules, and again by Mr. Badham's departure, that I have been able only to pay an occasional visit to the Overseers, and have been able to do none of the surveying I had intended in the 1st Section.

The whole of the irrigation has been checked, and though some blundering has been discovered, it seems not of any dangerous kind. One village, only this, Kallar, is still under survey.

The rice crop has been generally very good. Mr. Dumphy reports—

"The applications for water for the season have ceased. The total is certainly not so large as I was led to suppose, but is undoubtedly much in excess of the preceding seasons.

"The applications for the month were for—

ACRES.
"Floodings... 128-93
"Ordinary Irrigation... 2-11

"For the whole season (1873-74) eighteen villages have been supplied. There being a total for—

ACRES.
"Wet crops of acres... 322-01
"For Dry do... 281-21
"Surreptitious cases... 24-31

"Amongst the wet crops, paddy has been cultivated with such success that there is almost a certainty of a large area being devoted to it next season."

The Overseer's house at Puggadi is finished. That at Jupad half finished.

The progress with sluices (in the 5th Section) has been very bad, the Overseer, being capable but untrustworthy, has taken no care with his work. Overseer C. John has done himself credit in the 4th Section, and has nearly completed two aqueducts for channels, as well as the raising of canal bank.

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7th September 1874.*

The flow of water has been maintained, but such is the growth of reeds in the 1st Section that the water at the lower end is a foot lower now than it was in November, although the depth is maintained at the upper end.

The usual Returns accompany this report.

(Signed) J. H. LATHAM,
for Conservancy Engineer.

LOWER SECTION.

Report for the month of January 1874.

THE supply of water through the month has been plentiful for all irrigation purposes, and the crops of paddy in the Nundial and Sirwell Taluqs was all cut and harvested very early in the month. In the Prodator and Cuddapah Taluqs cutting commenced about the middle of the month and was completed by the end; except a few acres sown very late the yield from paddy crops has been generally very good throughout these sections, and very few cases of remission will, I hope, be even proposed, for the ryots all seem well satisfied with the results of their harvest of wet grain. I cannot yet speak with certainty about the amount of second crops, as many fields are still under conversion, and the ryots will not make their applications until they have got them ready for canal water, but this month the result will be known. During this month of January a supply of canal water was thrown into Nundial tank at the request of the Collector of Kurnool sufficient for a three months' supply to enable the ryots to obtain a 2nd crop under that tank. Canala tank also received a supply for the same purpose.

Up to the end of January the total amount of applications received for canal water since the end of last season was as in the following table:—

	1st Crop, at Rupees 6		2nd Crop, at Rupees 6.		Floodings.		Under Tanks.		Total.	
	A.	C.	A.	C.	A.	C.	A.	C.	A.	C.
Season 1873-74 ...	4,193	59	34	97	2,353	45	2,860	74	9,742	75
Do. 1872-73 ...	3,284	47	...	...	1,551	51	...	...	4,835	98
Increase...	1,209	12	34	97	801	94	2,860	74	4,906	77

The floodings include 815 acres flooded in the 10th Section, before the water came down the Upper Sections. The tanks include the total number of acres under the tanks in Nundial Taluq for which we have given water to supplement the first crop and to supply second crop.

No rain has fallen during the month, and the ryots are anxiously looking for the showers which generally fall about this time. At Iyalor dengue fever has been prevalent, and many of the Clerks and Overseers in that neighbourhood have suffered from it, though not severely.

DHOOR,
7th February 1874.

(Signed) J. DODSON,
Conservancy Engineer.

Return of Rainfall in the Kurnool and Cuddapah Districts for January 1874.
To accompany January's Report.

Nil.

(Signed) J. H. LATHAM,
Chief Engineer and Manager.

SUBMITTED for the information of Government.

2. It will be observed that by an oversight the report for January was not submitted at the usual time.

3. It is not quite apparent how the area of irrigation of the season 1872-73 given in the report of the Chief Engineer and Manager, Madras Irrigation and

*Proceedings of the Madras Government, Public Works Department,
7th September 1874.*

Canal Company, has been arrived at. In Proceedings, Madras Government, Nos. 2,971 and 3,029, of the 9th and 16th December, respectively, the areas are shown to have been in—

	ACRES.
Cuddapah	3,518.33
Deduct lands made over to the Company and cultivated but apparently not irrigated	45.72
	3,473.61
Kurnool	7,510.33
Deduct lands made over to the Company	1,576.65
	5,933.68
	9,407.29

or nearly 500 acres more than stated by Mr. Latham.

4. For this year the Returns received from the Collectors show the irrigation of the season to be, up to January, in—

	ACRES.
Kurnool	6,006.24
Cuddapah	1,250.31
	7,256.55

against the 14,276.99 acres of the Chief Engineer's report. Hitherto the Cuddapah Returns have varied greatly from the actual area of irrigation.

OOTACAMUND, (Signed) JOHN MULLINS, Lieut.-Colonel, R.E.,
7th August 1874. Chief Engineer for Irrigation.

No. 137. ORDER THEREON, 7th September 1874, No. 2,533.

IRRIGATION, No. 20.

THE Government hope that the Form E Statements for 1873-74 will now shortly be submitted, when the area of irrigation of the season, and the net revenue of the canal, will be more accurately exhibited.

2. The tables of population and irrigation of the several villages which are, or may be, irrigated by the canal are of considerable interest, and will enable the progress of irrigation in comparison with the population to be from time to time ascertained. It is observed that the total population in the immediate neighbourhood of the canal is 167,355.

(True Extract.)

Lieut.-Colonel, R.E.,
Joint Secretary to Government.

To the Chief Engineer and Manager of the Madras Irrigation and Canal Company.
" " for Irrigation.
" Revenue Department.

Exd. T. O'Connor.

Spare Copies

Village	Population			Village	Population		
	Under the Canal	Not under Canal	1873-4		Under the Canal	Not under Canal	1873-4
Juipalli	218			11-77 Boladara	583		
Perur		727		11-90 Chintagunta		20	
Buttutur	779			13-28 Lakshmaoornam	1424		81.92
Gumparamandina	701			3-14 Burrareddipalli	342		10.18
Chulakalur		361					22.82
Kallagalla	666			37-13 Bhimuniad	1217		
Gopalapuram	343			29-33 Gubagundam	500	1154	5.95
Gubagundam	510			Jammuladina			
Chintagunta	1843			120-12 Kondapuram	522		7.68
Devarayapuram	486			34-97 Donipad	2100		46.69
Allapadda	516			35-08 Kumpamolla	1098		
Palasgram	231			36-36 Kristipad	1027		1.00
Lingamdi	456			17-51 Harivaram	1756		
Kotakandakur	1669			Papanipalli	650		
Patakandakur	995			40-63 Padigepad	227		
Chintakommadina	581			18-57 Suddamalla	507		
Ramapalle	306			Thuyyalarada	2042		
Pedda Bhogam		909		30-00 Kondupalli	577		
Melampad	924			Sarvepalli	807		
Maddur		719		Sujid	753		
Bramhapalli	378			Peddayanmanur		1601	
Kalugottapalli	486			Reddware			
Gottur	585			19-23 Jammuladina	1509		
Mallamala	594			26 Villages Total	22860	2775	292.70
Kullur		560		Abstract for all Carnool District			
45 Villages Total	26081	6477		26-96 Ramalakota	29211	2688	978.67
Kovilkuntha Taluq				Kandikotakur	25278	9068	2686.39
Gundupapala	809			9-56 Nandial	39121	12196	261.90
Revannur	1202			26-90 Sirivell	26081	6477	1217.96
Uppatur	182			Koilkuntha	22860	2775	292.70
Kalugotta	1283			Total	133851	33504	5437.62
Govindin	1389				33504		
					167355		

Submitted for the information of Govern-
ment.

2. It will be observed that by an oversight the report for January was not submitted at the usual

Return of rain-fall in the Turnool & Cuváparah
Districts for January 1874.
To accompany January's Report.

Station	Rain fall		Remarks No.
	I	D	
Kurnool	Nil		
Velapanam			
Agaloo			
Dhoo			

John H. Lasham
Mist. Engr. Dryden, N.Y.

3473.61

Kurnool ————— 7510. 33.
 deduct Lands made
 over to the Company ——— 1576. 65 5933. 68
 9,407. 29

or nearly 500 acres more than stated
by Mr Lathaw

4. For this year the returns received
from

N^o 23.

Submitted for the information of Govern-
ment

2. It will be observed that by an oversight the report for January was not submitted at the usual time

3. It is not quite apparent how the area of irrigation of the season 1872-73 given in the report of the Chief Engineer & Manager, Madras Irrigation and Canal Company has been arrived at. In P.M. G. Nos 2971 & 3029 of the 9th and 16th December, respectively, the areas are shown to have been in

Cuddapah. — acres 3518.33

deduct lands made
over to the Company
and cultivated but
apparently not irrigated

45.72 3473.61

Kurnool — — — — — 7510.33

deduct lands made
over to the Company

1576.65 5933.68

9407.29

or nearly 500 acres more than stated
by Mr Latham

4. For this year the returns received
from

Adm. 277 50/10/14
L. 18/10/13
S.M. 5053 2/1/14
22/10/14

from the Collectors show the irriga-
tion of the season to be up to
January, in

Kurnool	Acres 6006.24
Cuddapah	1250.31
	<hr/> 7256.55

against the 14276.99 acres of
the Chief Engineer's report. Hitherto
the Cuddapah returns have
varied greatly from the actual
area of irrigation.

Potacamund 3 Wundulins St Polkb.
7th August 1876
Chief Engineer for Irrigation

To
The Secretary to Govt P. & O.

For the
Chief Engineer
Cuddapah
District
P. & O.

500

P. W. 1874 Report
Presented for report
No 5053

From.

The Chief Engineer
for irrigation.
No 23

Dated 7th } August 7th.
Recd 12th }

Am. 5. ✓

Submitting
the report on the Madras
Irrigation Canal Company's
works for the month of
January 1874-

Q. No. 2533. 7-9-74.

Ob 136

ca. 15th Aug 74

Public Works Department
Proceedings of the Madras Government
Read the following
From The Chief Eng. and 2533
managed by Mr
and Co. Company (H. B. 88 dated
"Chief Eng. for Mr - (H. B. 23 dated 7th
Aug 1874)

The Government
hope that the form
E statements for 1873-74
will now shortly be
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the season, and the
net revenue of the
Canal, will be more
accurately exhibited
2. The tables of po-
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which are, or may be,
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of

MP
13/10

of irrigation in com-
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population in the
immediate neigh-
bourhood of the
canal is 167,355.

Mr. 10/9/74

mm

136-137.

Re. 15/8/74.

Recd 13/8/74. Retd 13/8/74

2. Chf Engr. Manager
in J.H. L. v
- Chf Engr. for M. v
- Rev. Dept. v
S. Capri's dis. 16/9/74.
S. 19/9/74

of irrigation in com-
parison with the po-
pulation to be from
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Wm. 10/9/74

Wm

5053 A ✓
Govt. of (1874) Madras.
PUBLIC WORKS.

To

The Secy. & Mgrs.
of the M. & C. Co.

Dated

Recd.

Encl. 5.

G. O. 7 Sept. 1874, No. 2533

Nos. 136-137

Madras Irrigation and
Canal Company's Canal.

Passing orders on
Report in the Com-
pany's Canal for
the month of January
1874 —

136-137.

D. 15/8/74.

Recd 13/8/74 Retd 13/8/74