(1) Number of pages 18

(2) Date of repair 21.8.78.

(3) Initials of the Referencer

TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

Revenue DEPARTMENT

G.O. No. / B.P. No: 2440A	Press. / ~~Mis.~~
Dated 3.8-1977	197 .

Not to be folded or roughly handled

Archives 1—5,806—24-2-78.

GOVERNMENT OF MADRAS.

REVENUE DEPARTMENT.

3rd August 1877, No. 2,440-A.

Famine Relief.

Read the following paper :—

No. 44-A. Endorsement of the Chief Secretary to Government, dated Fort St. George, 26th July 1877, No. 1,453.

Read the following letter from Surgeon S. M. TYRRELL, Zillah Surgeon, Guntoor, to Deputy Surgeon-General W. J. VANSOMEREN, M.D., Indian Medical Department, Presidency and Northern District, dated 11th July 1877, No. 156.

I HAVE the honor to submit this my second report on the local relief-camp, which has been by the Collector of the district placed under my charge since the submission of the last report.

2. The strength at the camp to-day is as detailed in the margin.

Men	176
Females	133
Children	238

3. Regarding their physical condition I have to make the following remarks :—

I. Anæmia.—There have not been more than about half a dozen cases of anæmia among those admitted to relief.

II. Physique.—This, with few exceptions, has been entirely below par. In almost all, and especially in the aged, the subcutaneous fat has been absorbed, for the skin now in wrinkles loosely covers the more or less wasted muscles; in some there is hardly any muscle to cover. Emaciation in all its stages is very evident in all those that I have had to admit, except in the case of some who are kept here, because they had sick relatives (wives, husbands, or children) in the Relief Hospital.

III. Young Children.—About one-half of those admitted were in a wretched condition of emaciation; many were living skeletons: their skins were dirty and coarse to the touch, abdomens protuberant, and limbs attenuated, with a very small, aged, and careworn appearance of the face.

Many of the infants were in a more or less advanced stage of atrophy.

Several, I am pleased to say, have improved, and are still improving, under the liberal dietary now supplied to them.

IV. Females—(a.) Adults.—A good many nursing women were on admission in a sad state of emaciation; their breasts were shrunken and flattened, with hardly any milk in them, and yet the child was applied to them to satisfy (as they said) its craving for food.

In others, again, although the breasts were more or less full of milk, yet the babes presented a wretchedly emaciated appearance, because the milk was poor and innutritive. They are all improving.

(b.) Girls.—As far as I have been able to judge of all those from 12 to 14 years of age and even upwards, in some puberty has been arrested by scanty living, anxiety of mind, and all the distressing circumstances attendant upon their having to quit their own village homes in search of food.

V. Children born during the Famine.—They have, in the majority of cases seen by me, been born in a more or less emaciated condition. The ages of such children varied from a few days to a couple of months.

Of older children, those who were said to be 12 and 18 months old, looked as if they were but a month or two old.

VI. Pregnant Women.—There have been since the camp was opened four confinements, and others are expecting to be shortly confined. These cases were sent to the Famine Relief Hospital. A child born to-day, although looking well, weighs 4 lbs.

VII. Dietary.—Since I have been in charge of the camp two scales of diet have been issued. The first was Dr. Cornish's, which in my opinion was more or less sufficient for adults and boys and girls above 12, but for those below that age it was barely sufficient, as all asked for more; they looked hungry and unsatisfied.

The present dietary (Drs. Smith and Gordon's) is in my opinion more suited to the class of people seeking relief at the camp, as it is liberal as well as nutritious.

The fact that it suits them is shown by the results of my weighments, as more or less all have improved under its use (*vide* statements attached).

With this dietary meat is allowed three times, and also buttermilk (without any extra charge on the State) four times a week.

In connection with the grant of buttermilk to the people, I have to observe that their desire for it is something remarkable: all castes look forward to the buttermilk days with pleasure, and they reserve a small portion of rice to be mixed up with it, which they then partake with much gusto.

In hospital patients will refuse conjees of kinds, broths, beef-tea, &c., for buttermilk, which is all they want with their rice.

VIII. Cost of the Diet per Head.—The cost of the diets in the two scales are as per margin. It includes the supply of mats, chippas, lotas, water-pots of sizes, tubs, ropes, baskets, brooms, sulphur for fumigation purposes, and milk to infants, as well as firewood for cooking. The contractor is the Jail Contractor, Ch. Narasiah, who took up the task of supplying the relief-camp at my request.

	Rs.	A.	P.
Dr. Cornish's Diet Scale.			
Full	0	3	2
Three quarter	0	2	11
Half	0	2	6
Quarter	0	2	3
Drs. Smith and Gordon's Diet Scale.			
Full	0	3	2
Half	0	1	7

IX. Sanitary and Conservancy Arrangements of Camp and its immediate Neighbourhood.—They are carefully carried out by 2nd-Class Hospital Assistant Jeyram Sing, No 720.

It was at first very difficult to get the people to attend to the cleanliness of the camp. They defecated and micturited wherever they pleased and would not clean their wards. When asked to work they at once said "we are not prisoners that you should compel us to work."

We have, however, gradually got them into working order, and now some of them take a pride in keeping their sheds clean by keeping the floor and the ground outside all round, for a yard, with a mixture of fresh earth and cowdung.

Sulphur is burnt under the superintendence of the Hospital Assistant every evening in the sheds as a sanitary precaution, and its results have so far been satisfactory.

In the latrines the dry-earth system is regularly practised.

In short, I have at the camp adopted all the sanitary measures that I am by regulations directed to carry out in the jail. I specially selected the Deputy Jailor of my jail to look after the camp, and the Collector of the district, on my recommendation, appointed him Camp Supervisor.

X. Camp Working Staff.—One Camp Supervisor, one Gumastah, two Warders, two Cooks.

Medical Subordinate.—Second-class Hospital Assistant Jeyram Sing.

Police Guard.—There is a Police Guard of a Deputy Constable and three Constables.

XI. Water-supply.—From the wells in the neighbourhood. They do not contain much water, and the supply is barely sufficient for the people at the camp just now.

When the camp was first started the supply was sufficient for all purposes.

The water is good in quality.

I have ordered one of the wells to be deepened so as, if possible, to increase its water-supply.

Statement No. I, showing the Weights of 12 Male Paupers at the Relief Camp, Guntoor.

No.	Name.	Age.	Height.	Weight. Dr. Cornish's Dietary. 13th May.	Dr. Cornish's Dietary. 27th May.	Drs. Gordon and Smith's Dietary. 10th June.	Drs. Gordon and Smith's Dietary. 24th June.
1	B. Janakiramudu	50	5-5	7- 4½	7- 1	7- 8½	7- 8½
2	Shaik Meerah	70	5-4	6-12	6-12	6- 9½	6-10
3	G. Veeranah	50	5-4	7- 7	7- 8½	7-10½	7-10
4	Y. Condadu	50	5-5½	8-13	8- 9½	9- 9	9- 0
5	V. Muthadu	50	5-9½	7- 2½	7- 5½	7- 4½	7-10
6	R. Gursvadoo	40	5-4	7- 4½	7- 7	7- 6½	7- 9
7	T. Ravanappah	50	5-0	6- 3	6- 2	6- 1	6- 0
8	P. Sashadoo	35	5-3	7-10	7-13½	7-11	7-11½
9	D. Narsadoo	60	5-1½	5- 9½	5- 9	5-13	6- 0
10	M. Gooravadoo	40	5-1	6- 9	6-11	6- 9½	7- 6
11	Mohadeen Sahib	76	5-6	7-10	7-10	7-11½	8- 1
12	Cassim Sahib	40	5-3	6-12½	6-10½	7- 0½	7- 4
	Total ..	611	63-2-50	85-13-50	86-1-50	87-0-12	88-13-75
	Average ..	50-92	5-3-20	7-2-29 or lbs. 100-29	7-2-46 or lbs. 100-46	7-3-51 or lbs. 101-51	7-5-81 or lbs. 103-81

Statement No. II, showing the Weights of 4 Female Paupers at the Relief Camp, Guntoor.

No.	Name.	Age.	Height.	Weight. Dr. Cornish's Dietary. 13th May.	Dr. Cornish's Dietary. 27th May.	Drs. Gordon and Smith's Dietary. 10th June.	Drs. Gordon and Smith's Dietary. 24th June.
1	K. Adhi	30	5- 3	7- 5	7- 4½	7-8½	7-13
2	P. Sayi	40	5- 2	5-10	6- 1	5-8½	5-12½
3	Chatha Bee	30	4-11½	6- 8½	6-13	7-1	7- 1
4	D. Pitchy	30	5- 0	6- 5	6- 5	6-7½	6-10
	Total ..	130	20-4-50	26-0-50	26-9-50	26-11-75	27-8-50
	Average ..	32-50	5-1-12	6-7-12 or lbs. 91-12	6-9-32 or lbs. 93-32	6-9-94 or lbs. 93-94	6-12-62 or lbs. 96-62

Statement No. III, showing the Weights of 11 Children at the Relief Camp, Guntoor.

No.	Name.	Age.	Height.	Weight. Dr. Cornish's Dietary. 13th May.	Dr. Cornish's Dietary. 27th May.	Drs. Gordon and Smith's Dietary. 10th June.	Drs. Gordon and Smith's Dietary. 24th June.
1	R. Musaly	9	3- 9	2-12	2- 2	2- 3	3-0
2	R. Jugy	5	3- 3	2- 2	2- 1½	2- 0½	2- 3
3	R. Soobadu	1½	2- 1	0-12	0-12	0-11	0-11½
4	K. Gurivy	9	3-3½	3- 2	3- 2	3- 1	2- 1½
5	D. Pitchy	9	4- 0	3- 4	3- 4½	3- 2½	3- 3
6	M. Gurivy	9	3.11	2-12	2-11½	2-11½	2-12
7	Do. Koty	9	4- 2½	3- 6½	3- 7½	3.10	3-11½
8	M. Rosigadu	8	3- 9	2- 7½	2- 8	2- 5½	2-10
9	Mohomedah Bee	12	4- 7	4-10½	5- 0	4-12½	5- 3
10	China Cassim Bee	1	2- 0	1- 6	1-10½	1- 7½	1-11
11	Emam Bee	12	4- 1	3- 3	3- 2½	3- 2	3- 4
12	Chinna Casseim	10	3- 6	2-11½	2-12	2-12	3- 0½
	Total ..	84-5	42-5-25	33-4-75	32-12-25	32-9	35-5-5
	Average ..	7-04	3-6-44	lbs. 38-90	lbs. 38-35	lbs. 38-08	lbs. 41-29

Statement IV, showing Weights of Prisoners in Guntoor Jail.

Class of Prisoners.	Average. Age. Y.	M.	Height. Ft.	In.	Weight. lbs.
Juveniles	13	18	4	10·48	79·34
Young men	25	73	5	5·89	115·9
Old men	50	92	5	0·95	97·02
Women	26	69	4	11·40	99·72

2440A
3

Revenue Department, 3*rd August* 1877, *No.* 2,446-*A*.

No. 5,745.

A VALUABLE report, and the condition of the coolies is encouraging on the whole.

(Signed) W. J. VANSOMEREN, M.D.,
Deputy Surgeon-General, I.M.S.,
Presidency and Northern District.

MADRAS,
23*rd July* 1877.

No. 458.

FORWARDED to the Chief Secretary for the information of Government.

(Signed) G. SMITH, M.D.,
Surgeon-General, Indian Medl. Dept.

FORT ST. GEORGE,
25*th July* 1877.

TRANSFERRED to the Revenue (Famine) Department.

(Signed) D. F. CARMICHAEL,
Chief Secretary.

No. 44-B. ORDER THEREON, 3rd August 1877, No. 2,446-A.

Miscellaneous.

COMMUNICATED to the Sanitary Commissioner.

(True Extract.)

(Signed) J. H. GARSTIN,
Additional Secretary to Government

To the Sanitary Commissioner.
„ the Surgeon-General, Indian Medical Department.
„ the Board of Revenue.
„ the Financial Department.
„ the Collector of the Kistna District.

Exd. A. F. Goodall.

Govt. of [1877] Madras.

REVENUE.

To

THE SANITARY COMMISSIONER.

&c., &c.

Dated August 3rd.
Issued on 13th 18th.
Printed 25th.
Rec^d.

Encl

G.O., 3rd August 1877, No. 2,440-d.

AUGUST.

Nos. 44-A—44-B.

FAMINE RELIEF, No. 1,516.

Relief Camp at Guntoor in Kistna District—Commenting to the Sanitary Commissioner Surgeon Tyrell's report on the—

No 156

From

Surgeon T. N. Tyrell.
Hillah Surgeon.
Guntoor

To

The Deputy Surgeon General
Indian Medical Department
Madras.

Guntoor
the 11th July 1877.
Despd 16 July 1877.

Sir

I have the honor to submit this my second report on the local Relief Camp, which has been by the Collector of the District placed under my charge since the submission of the last Report.

Men 170
Females 133
Children 238
541

2 The strength at the camp to day is as detailed in the margin.

3 Regarding their physical condition I have to make the following remarks.

I Anæmia

There have not been more than about half a dozen cases of anæmia among those admitted to relief.

II Physique.

This with few exceptions has been entirely below par. In almost all, and especially in the aged, the subcutaneous fat has been absorbed, for the skin now in wrinkles loosely covers the more or less wasted muscles; in some there is hardly any muscle to cover. Emaciation, in all its stages is very evident in all those that I have had to admit, except in the

case of some who are kept here because they had sick relatives (wives, husbands, or children) in the Relief Hospital.

III Young children. About one half of those admitted were in a wretched condition of emaciation; many were living skeletons, their skins were dirty and coarse to the touch, abdomens hard, belly distended, limbs attenuated with a very sad, aged and careworn appearance of the face.

Many of the infants were in a more or less advanced stage of atrophy.

Several I am pleased to say have improved and are still improving under the liberal dietary now supplied to them.

IV Females.
(a) Adults. A good many nursing women were on admission in a sad state of emaciation; their breasts were shrunken and flattened, with hardly any milk in them and yet the child was applied to them to satisfy (as they said) its craving for food.

In others again, although the breasts were more or less full of milk, yet the babes presented a wretchedly emaciated appearance, because the milk was poor and innutritive. They are all improving.

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V Children born during the famine. They have, in the majority of cases seen by me, been born in a more or less emaciated condition. The ages of such children varied from a few days to a couple of months.

Of older children, those who were [illegible] looked as if they were but a month or two old.

VI Pregnant women. There have been since the camp was opened four confinements, and others are expecting to be shortly confined. These cases were sent to the Famine Relief Hospital. A child born to-day although looking well weighs 4 lbs.

VII Dietary. Since I have been in charge of the camp, two scales of diet have been issued. The first was Dr. Cornish's, which in my opinion was more or less sufficient for adults and boys and girls above 12, but for those below that age it was barely sufficient as all asked for more, they looked hungry and unsatisfied.

The present dietary (Dr. Smith and Gordon's) is in my opinion more suited to the class of people seeking relief at the camp, as it is liberal as well as nutritious.

The fact that it suits them is shown by the results of my

weighments, as more or less all have improved under its use.
(Vide statement attached).

With this dietary, meat is allowed three times and also buttermilk (without any extra charge on the state) 4 times a week.

In connection with the point I have to observe that their desire for it is something remarkable: all castes look forward to the buttermilk days with pleasure, and they reserve a small portion of rice to be mixed up with it which they then partake with much gusto.

In Hospital, patients will refuse conjies of kinds, broths, beaf tea &c, for buttermilk which is all they want with their rice.

VIII Cost of the diet per head.

The cost of the diets in the two scales are as per margin.

It includes the supply of mats, chipparas, lotas, water pots of sizes, tents, ropes, baskets, brooms, sulphur for fumigating purposes and milk to infants, as well as firewood for cooking. The contractor is the jail contractor, Soh Narasiah, who took up the task of supplying the Relief

Dr. Cornish's diet scale.

	Rs. A. Ps.
Full	0-3-2
Three quarter	0-2-11
Half	0-2-6
Quarter	0-2-3

Drs. Smith & Gordon's diet scale.

	Rs. A. Ps.
Full	0-3-2
Half	0-1-7

IX Sanitary and conservancy arrangements of camp and its immediate neighborhood.

camp at my request.

They are carefully carried out by 2nd class Hospital Assistant Jeyram Sing No. 720.

It was at first very difficult to get the people to attend to the cleanliness of the camp. They defecated and micturated [illegible] and would not clean their wards. When asked to work, they at once said "We are not prisoners that you should compel us to work."

We have, however, gradually got them into working order, and now some of them take a pride in keeping their sheds clean by sweeping the floor, and the ground outside all round, for a yard, with a mixture of fresh earth and cowdung.

Sulphur is burnt under the superintendence of the Hospital Assistant every evening in the sheds, as a sanitary precaution and its results have so far been satisfactory.

In the latrines the dry earth system is regularly practised.

In short, I have at the camp adopted all the sanitary measures that I am by regulations directed to carry out in the jail. I specially selected the Deputy

Statement shewing the average of 12 months Inspections of the Military Schools & Gymnases.

No	Names.	Age	Average			
			1st Inspection		2nd Inspection	
			13th May		27th May	10th June 24th Sept.
1	13. Jamuhiramudu	50	5-6	7-4½	7-1	7-8½
2	Shaik Mastak	70	5-4	6-12	6-12	6-9¾ 6-10
3	G. Venkatadu	50	5-4	7-7	7-8½	7-10½ 7-10
4	Gs. Gundadu	50	5-5½	8-13	8-9½	9-0 9-0
5	T. Muttadu	50	5-5½	7-2½	7-3½	7-4¼ 7-10
6	12. Hanmadoo	40	5-4	7-4½	7-7	7-5¾ 7-9
7	P. Yakkadoo	50	5-0	6-3	6-2	6-1 6-0
8	T. Ramanjulu	35	5-3	7-10	7-13½	7-11 7-11¼
9	G. Chinnadoo	60	5-1½	5-9½	5-9	5-13 6-0
10	A. Yenkatadoo	40	5-1	6-9	6-11	6-9⅛ 7-6
11	Mohaddin Sahib	70	5-6	7-10	7-10	7-11¼ 8-1
12	Basavin Sahib	40	5-3	6-12½	6-10½	7-0¼ 7-4
	Total	610	63-2-50	86-13-50	86-1-50	87-0-12 88-13-75
	Average	50.9	5-3-20	7-2-29 / 7-2-29	7-2-46 / 7-3-37	7-5-81 / 7-5-81
				Ave. 100-29	Ave. 100-46	Ave. 101-57 Ave. 103-81

Chas. L. Stuart
11 July 1877
Encl. 18-777

Chas. L. Stuart Surgeon

Statement of my last to Cuddapah the Camp, and the Collector of the Division on my recommendation, appointed him Camp Inspection.

X Camp working Staff.
1 Camp Inspection
1 Gunners
2 Masters
Total 5

Medical Subordinate 2nd Class Hospital Assistant.
Assistant Surgeon.
Police guard 1 Police is a Police guard of 1 Deputy Constable and 3 constables.

XI Water supply. From the wells in the neighborhood. They do not contain much water and the supply is barely sufficient for the people at the Camp pitched here.

When the Camp was first started the supply was sufficient for all purposes.
The water is good in quality.
I have ordered one of the wells to be deepened so as if possible to increase its water supply.

N. I have the honor to be Sir
Your most obedient servant
Chas. L. Stuart Surgeon
Assistant Surgeon.

Madras 23/7/77

Statement No II showing the weights of 4 Female paupers at the Relief camp Guntoor.

No.	Name	Age	Height	Weight			
				Dr. Cornish's Dietary		Drs Gordon & Smith's Dietary	
				13th May	27th May	10th June	24th June
1	K. Adhi	30	5. 3	7-5	7-4 1/2	7-9 1/4	7-13
2	P. Sayi	40	5-2	5-10	6-1	5-8 1/4	6-12 1/2
3	Chatha Bee	30	4-11 1/2	6-8 1/2	6-13	7-1	7-1
4	D. Pitchy	30	5-0	6-6	6-5	6-7 1/4	6-10
	Total	130	20-4-50	26-0-50	26-9-50	26-11-75	27-8-50
	Average	32-50	5-1-12	6-7-12	6-9-32	6-9-94	6-12-62
				lbs. 91. 12	lbs. 93. 32	lbs. 93. 94	lbs. 96. 62

Statement No. III showing the weights of 11 Children at the Relief Camp Guntoor.

No.	Name	Age	Height	Weight			
				Dr. Cornish's Dietary		Drs Gordon & Smith's Dietary	
				13th May	27th May	10th June	24th June
1	R. Musaly	9	3-9	2-12	2-2	2-3	3-0
2	R. Jogy	5	3-3	2-2	2-1 1/2	2-0 1/2	2-3
3	R. Soobadu	1 1/2	2-1	0-12	0-12	0-11	0-11 1/4
4	K. Gurivy	9	3-3 3/4	3-2	3-2	3-1	3-1 1/2
5	D. Pitchy	9	4-0	3-4	3-4 1/2	3-2 1/4	3-8
6	M. Gurivy	9	3-11	2-12	2-11 1/2	2-11 1/2	2-12
7	Do. Koty	9	4-2 1/2	3-6 1/4	3-7 1/2	3-10	3-11 1/4
8	M. Rosigadu	8	3-9	2-7 1/2	2-3	2-5 1/2	2-10
9	Mohomedah Bee	12	4-7	4-10 1/2	5-0	4-12 1/2	5-3
10	China Cassim Bee	1	2-0	1-6	1-10 1/2	1-7 1/2	1-11
11	Emam Bee	12	4-1	3-3	3-2 3/4	3-2	3-4
12	Chinna Casseim	10	3-6	2-11 1/2	2-12	2-12	3-0 1/2
	Total	84-5	42-5-25	33-4-75	32-12-25	32-9	35-5-5
	Average	7-04	3-6-44	lbs. 38-90	lbs. 38-35	lbs. 38-08	lbs. 41-29

IV Statement showing weights of prisoners in Gunton Jail. No 5642 - 77 - Aug

Class of Prisoners.	Average. Age. Years.	Age. Months.	Height Ft. In.	Weight lbs.
Juveniles - - -	13	18	4 1048 / 4 1048	79 - 34
Young men - -	25	73	5 . 5.89	115 . 9
Old men - - -	50	92	5 . 0.95	97 . 02
Women - - -	26	69	4 - 11.40	99 . 72

Wm A Pyne
Bryan

1765 1/2

1 Aug 1 4467/77

1765 1/2

№ 468

Forwarded to the Chief Secretary for the information of Government

For Surgeon General Med Dept
Lt de Geoze
25 July 1877.

№ 1453

Transferred (illegible)
Revenue (From)
Dept.

For Chief Secretary
Fort St. George
26th July 1877.

№ 5642. 1877. 29/7

Fwd 1877 Dept.

From

Surgeon G. M. Tyrrell
Killah Surgeon
Guntoor

To

The Dy. Surgeon General
Indian Medical Depart.
Madras.

Dated 11th July.
Despd 25 Inst.
Received 24 July
Rec'd 26th No. 156 Enc: 1
Ref 27 Subject.

Submits the second report on the Relief Camp

№ 2440-A

Communicated to the Sanitary Commissioner.

24-7-77 3 August/77

F 27-7-77 R 30-7-77

28 August 1877

Surgeon Tyrrell
Relief Camp
Guntoor
Collector of Kistna