

(1) Number of pages 28
(2) Date of repair 7-2-73
(3) Initials of the Referencer _____

TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

Revenue DEPARTMENT

G.O. No.	1610	Press
B.P. No.		Mis.
Dated	1.5.1877	191.

Not to be folded or roughly handled

1610

GOVERNMENT OF MADRAS.
REVENUE DEPARTMENT.

1st May 1877, No. 1,610.

No. 20. Read the following Endorsement of the Officiating Chief Secretary to Government, Fort St. George, dated 13th April 1877, No. 847 :—

Read the following letter from Surgeon-General G. SMITH, M.D., Surgeon-General, Indian Medical Department, to the Hon. D. F. CARMICHAEL, Officiating Chief Secretary to Government, Public Department, dated Fort St. George, 11th April 1877, No. 222.

I HAVE the honor to submit, for the information of His Grace the Governor in Council, a report from the Zillah Surgeon, Nellore, dated 25th March, on the physical condition of the coolies employed on relief-works at that station and receiving the new scale of wages.

ENCLOSURE No. 1.

From Surgeon-Major A. M. ROSS, Zillah Surgeon, Nellore District, to Surgeon-Major W. J. VANSOMEREN, M.D., Deputy Surgeon-General, Indian Medical Service, Presidency and Northern Districts, Madras, dated 25th March 1877, No. 52.

I HAVE the honor, with reference to G.O., No. 757, dated 1st March 1877, and the Surgeon-General's orders thereon, to submit the result of my examination on the 23rd instant (in the presence of the Collector) of the relief coolies on the new scale of wages, and to enclose table of weights. The coolies were not examined exactly to date owing to a mistake on the part of the Tahsildar and his absence on duty elsewhere. It will be seen from the returns appended that the men on an average gained weight to the extent of 5 oz., that the women lost weight to the same extent, that the boys gained to the extent of 3 oz., and the girls gained to the same extent.

2. It will be seen also that the weights in proportion to height and age are very low in the case of some of the adult women exceedingly so.

3. Many of the coolies, male and female, first examined had so far recovered as to be drafted off to the canal-work, so that the observations were not so numerous as in the preceding week.

4. That there has not been more falling off in the weights of the coolies is due to several causes which, for the present, render the examination for the special purpose for which it was instituted worthless.

(1st.) Many of the coolies were on first examination so reduced that they could not well be reduced further retaining power to do even light labor.

(2nd.) It was elicited by examination of the coolies that all the lower castes Malas, Madigas, and Parias had had their diet largely supplemented by the flesh of the cattle now rapidly dying, some having one to three pounds of meat for two or three days in the week obtained in this way. Such of the Mahomedans as chanced to come across dying cattle in time to perform the requisite ceremony and bleed the animals to death had this advantage also. The lower castes Malas, Madigas, &c., dry the meat, so that a stock once obtained lasts them for some time during which they eat but little rice. The rain which fell during the week and which flooded the river enabled the fisher-caste to obtain a large quantity of fish to supplement the diet which they could purchase with their pay as coolies.

The Yanadies, although they will not eat beef, especially the carcasses of cattle which have died, supplement their diet with frogs, snakes, birds, &c.

(3rd.) The Reddies and others have generally some store of grain which they draw upon, which must be now waxing low.

These sources of food-supply, however, will in time cease to disturb an examination into the value of the new diet scale. The Tahsildar of Nellore estimates that in this taluq three-fourths of the cattle have already died; frogs and lizards, and apparently other reptiles are rapidly disappearing, and soon these sources of food-supply for the lower castes will have disappeared.

Revenue Department, 1st May 1877, No. 1,610.

When that time comes, there will probably be a rapid, if not a fatal, deterioration in the health and strength of the coolies on relief-works.

5. Meantime the result of the observations made is unsatisfactory in the extreme. They prove nothing; if not this indeed, that if the amount of food purchasable by the present scale of wages had not been largely supplemented by animal food obtained in other ways, the weight, health and strength of the coolies would have fallen off in a marked manner.

6. The only way it seems to me that the Government can cavil the sufficiency or otherwise of the new scale of pay to relief coolies to maintain health, strength, and life is, to make the experiment in cases where the conditions can be reliably known and regulated.

8. I would, therefore, while continuing the present series of observations, suggest that the permission of the Government may be solicited to my placing, for a time a certain number of prisoners in the jail here on the allowance fixed for male relief coolies, viz., 1 lb. of rice with such condiments, &c., as can be purchased for 6 pies. I would select, say, 24 healthy male prisoners for the experiment, and carefully watch these day by day, so that the experiment should not be carried out to their serious detriment.

9. With a view to rendering the conditions more certain and as regards stress of labor equal to that expected from relief coolies, I would employ them on light work within the jail premises, and place a careful warder in charge.

10. Two or three weeks would be quite sufficient to show a pronounced result.

No. 2,669.

For the reasons stated by Surgeon-Major Ross, the weighments now sent are worthless as proofs of the sufficiency of the present wages of the working poor.

2. Feeling assured that 1 lb. rice with the usual proportion of condiments is altogether inadequate to meet the requirements of the human body, I am unprepared to recommend that any prisoners be subjected to such an insufficient diet even for a few weeks. The experiment is already being made with the poor, some of whom might be kept under close observation, and deterred from getting other food than that which is provided for them, but care should be taken that only those who can bear the experiment be chosen as its subjects.

Madras, 28th March 1877.

(Signed) W. J. VANSOMEREN, M.D.,
Deputy Surgeon-General, Indian Medical Service,
Presidency and Northern Districts.

TRANSFERRED to the Revenue (Famine) Department.

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

No. 21.

ORDER THEREON, 1st May 1877, No. 1,610.

Miscellaneous.

The Governor in Council sanctions the introduction into the Nellore Jail, as a temporary and experimental measure, of a punitive ration, consisting of one pound of rice and such condiments as can be purchased for six pies.

2. The effect of the diet on the prisoners subjected to it will be carefully noted daily by the Superintendent who will take care that it is stopped at once in any case where its continuance is likely to cause serious injury.

Revenue Department, 1st May 1877, No. 1,610.

3. The experiment is in no case to be tried for a greater period than one month.

(True Extract.)

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

To the Surgeon-General, Indian Medical Department.
the Inspector-General of Jails.
the Board of Revenue.
the Financial Department.
the Judicial Department.
the Accountant-General.
the Sanitary Commissioner.

Exd. F. R. Bantleman.

inst. return of ^{amount} deposit

Q.

	Average weight of 1500 pounds	Average weight of 1500 pounds
Men	92 5	92
Women	76 2	75
Boys	43 3	43
Girls	46 14	47
Averages	64 10	64

used	lost	right	weight
03	the	03	
5	"	"	"
"	"	"	5
3	"	"	"
3	"	"	"
3	"	"	3
1	"	"	"

W. H. R. M. Ross, Eugene, Oregon
G. H. R. M. Ross, Eugene, Oregon

Girls

Names	Height	Probable age	Weight on 1 st March	Weight on 23 rd March	
Matangi Karasi	4 "	10	54	53	I
Gannam Audi	4 4	10	51	50	II
Sarani Rangumma	3 11	9	42	42	
Dana Pitchi	4 7	12	52	50	3
Bottu Lutchi	4 5	12	54	54	
Peta Perindevi	4 3	10	50	52	
Garitoti Mahalakshmi	4 "	8	48	42	4
Dara Bungaru	4 "	8	4	48	
Gunta Poli	4 5	10	4	48 1/2	"
Dara Chinastarasi	3 8	7	39 1/2	40 1/2	...
Kotu Audemma	4 5	12	4	50	IV
Perri Atchi	4 5	12	4	41	V
Kanaboyana Poli	4 6	13	5	51	5
Chitteti Lutchame	4 3	12	4	41	VI
Doddapelli Venkata	4 4	13	7	48 1/2	...
Kanaboyana Chie Pillai	4 2 1/2	12	5	45	
Agnihotram Muthamma	3 11	8	5	44	6
Total			7 1/2	800 1/2	
Gravage			7 03	47 - 1	

look same same
5 7 4 - 17

16 1/2
4

Almond Hall Surgeon Major
Gilbert Surgeon Major

Women

1619/5

Name	Height in feet	Weight in pounds	Age	Height in inches	Weight in pounds	Age
Mangalagiri Pichamma	4 1/2	50	74	74	74	14
Kandaboyya Peddi	5 6	18	85	85	85	9
Mandati Hanakamma	4 1/2	50	66	66	66	6
Modoor Lutche	4 10	45	67	67	67	2
Lokala Venkumma	5 2	45	83	83	83	3
Matina Bee	4 9	45	59	59	59	11
Guduma Bee	4 1/2	30	78	78	78	11
Muttikal Akki	4 10	30	74	74	74	11
Malika Poli	4 10	35	68	68	68	4
Manadi Subbar	5 3	40	79	79	79	13
Peta Pungaramma	4 11	20	81	81	81	11
Machala Venkamma	4 1/2	25	81	81	81	11
Galaoli Lachamma	5 1	40	98	98	98	5
Yeniga Adamma	5 4	50	71	71	71	6
Getti Subbaku	5 1	35	74	74	74	6
Katla Mahadevamma	5 2	25	79	79	79	11
Boyyana Lakshmi	4 11	20	83	83	83	11
Challa Peeri	4 6	50	84	84	84	11
Amara Ramamma	4 9	40	77	77	77	7
Atukuri Mungu	5	17	73	73	73	11
Kalajani Adamma	4 10	50	82	82	82	11
Gandamarapa Perica	4 10	50	78	78	78	11
Meezoor Jellamma	4 9	35	83	83	83	11
Dana Stehi	4 8	30	70	70	70	11
Chookati Lutche	5 2	35	83	83	83	9
Krava Anthoni	4 10	35	70	70	70	11
Saravathi	8 3	35	83	83	83	10
De Peddi	5 3	35	86	86	86	11
Anukati Luchmi	4 11	45	80	80	80	12
Total			2208	2208	2208	
Average			76-2	76-2	76-2	

Sum & Nos. Given Major
in 1819

1619/5. I have found this is a very nice
woman and weight to be same as the
other.

610
7

Place	Age	Sex	Notes
Pettan Vemstadri	5	4	53- 112 11
Mooga Ramon	5	3 1/2	40 88 8
Koti Karamieppi	5	4	50 88 6
Gali Karamieppi	5	4 1/2	52 92 9
Potti Pagadu	5	5	35 98 10
Gudda Karamieppi	5	1	50 94 9
Chandugunta Karamieppi	5	4	53 108 11
Gadi Pagaru	5	1	25 87 6
Garitoti Subbon	5	3	50 98 9
Malichete Verappa	5	1	55 72 7
Perumillars Mullad	5	5	16 79 8
Arayana Subbon	4	11	16 81 1/2 7
Gophal elluvayami	5	5 1/4	55 96 9
Chittar Appaiyappa	5	16	91 9
Endote	5	17	55 110

Agel Pantunab	5	2	18 83 84
Allokate Kotado	5	2	60 94 94
Danavara Ramon	5	4	55 105 104
Bandy Subh	5	6	55 105 1/2 108
Perra Pottiy	5	6	22 88 92
Malik Subba	5	2 1/2	16 77 7 1/2
Mulliyala P.	5	1 1/2	15 79 78
Total			2031 2038
Chavara			the 3 the 9
			92-5 92-10

Heaven in Mosses & upon
 of the leaves of the

Sub function. This is a choice
 of the most important points of the

No.

From

The King's Paul. I. bid.

Dated

April 13th

1877.

FOR ORDERS.

D. Ross submits his report
of the weekly examⁿ of coolies
employed on the new scale
grazes in relief houses in the
neighbourhood of Nellore.
For various reasons he shows that
the result^s which exhibit an
increase in the average weight
of the examinees is not less &
as he foresees to try on an
another ~~set~~ number of prisoners
in the jail the Experiment
of putting them on the Temple
ration being such that they will
suffer no harm but at the
same time presenting the in-
supplementing the ration of
others of their own finding.
The suggestion has at any
rate the support of the proverb
"Hath experimentum in capere
vile" but D. Van Sonneren
who objects to the experiment
has unwillingly suggests that the
same experiment should be tried
on the other side. It is a ~~very~~ ^{very} choice

Good. Sanctura. It is a ~~choice~~ choice

on the reasonable receipt
of State Relief.

If the experiment is to be
tried, the jail is, I submit,
the place to try it, & the
Supt. might be authorized
to furnish reparatory
prisoners by sentencing
them to so many days
of the Temple Ration.

The experiment with
prisoners in this
is concurrent.

12/4/77

J. H. J.

Order and reports

1610

9

FOR ORDERS.

To Mr. J. J. J.
I do not know
Why this has come
back to me

10/21/11

MA

Drp

30 11/11

No 52

1610/10

Municipal Dispensary Kellie
25th March 1877

From

A. C. M. P. Esquire
Jelliah Surgeon
Kellie

To

The Dep^y Surgeon General
Ind^y Med^y Services
Punjab and A. Dist^y
Madras

Sir,

I have the honor to
refer to G.O. No 457 dated 1 March 1877
and the Surgeon General Orders therein to
submit the results of my Examination
on the 23rd instant (in the presence of
the Collector) of the relief Coolies on the
new scale of wages and to enclose
table of weights. The Coolies were
not examined exactly to date owing to
a mistake on the part of the Tahsil
and his absence on duty elsewhere. It
will be seen from the returns appended
that the men on an average gained
weight to the extent of 5 lbs that the
women lost weight to the same extent.

that the boys gained to the extent
of 3 to 5 and the girls ^{gained} lost to the same
extent

It will be seen also that
heights in proportion to height and
are very low in the case of some
The Adult Women Accordingly so.

Many of the Coolies male
and female ^{first examined} had so far recovered as
to be drafted off to the Canal work.
So that the observations were not
so numerous as in the preceding
week.

That there has not been
more falling off in the heights
of the Coolies is due to several causes
which for the present under the ex-
amination for the special purpose
which it was instituted withers

156 Many of the Coolies were
first examined so reduced
they could not well be reduced
further retaining power to do
in light labour

1610
2. It was elicited by exami-
nation of the Coolies that all the
lower Caste people Madigas and
Parials had their diet largely
supplemented by the flesh of the Cattle
now rapidly dying some having
to three pounds of meat for two or three
days in the week obtained in this
way. Such of the Chakamedars
as chanced to come across dying
Cattle in time to perform the requisite
ceremony and lead the animals to
death had this advantage also. The
lower Caste people Madigas the dry
the meat so that a sheep once
obtained lasts them for some time
during which they eat but little
rice. The rain which fell a
the week and which flooded the
enabled the fisher caste to buy
a large quantity of fish to sup-
plement the diet which they could
purchase with their pay as coolies.
The Madigas although
they will not eat beef except

Corcases of Cattle which have
suppliment their diet with
frogs Snakes, lizards &c. The
Ruddies and others have generally
some store of grain which they
live upon which must be, now
rising low.

These sources of food
supply however within time
 cease to disturb an estimation
into the value of the new diet scale
The Labrador of the estimates
that in this taking three fourths of
the Cattle have already died - frogs
and lizards ^{lizards} and apparently after reptiles
rapidly disappearing and soon
sources of food supply for
lower Castes will have disap-
peared. When that time comes
with probably be a rapid
not a fatal deterioration
the health and strength of the
wholesome relief works.

Meanwhile the results

Of the observations made is unsat-
isfactory in the extreme - They
prove nothing if not this indeed
that if the amount of food purchas-
able by the present scale of
wages had not been largely sup-
plimented by animal food obtained
in other ways the weight, health
and strength of the Coolies examined
would have fallen off in a marked
degree.

8. In this opinion I think
the Collector who was present when
the observations and enquiries were
made agrees with me.

9. The only way it seems to
me of proving satisfactory an-
swer and could the sufficiency
or otherwise of the new scale
of pay to relief Coolies' ^{to maintain} health strength
and life, is to make the experiment
in cases where the conditions
can be reliably known and
regulated.

I would therefore, while Con-
 sidering the present Series of Observations
 Suggest that the permission of the Government
 may be solicited to my placing for a time an
 European Officer in the position
 the allowance fixed for such relief
 his 1st office with such Condiments
 as can be purchased for 1 pie I would select
 say 24 healthy male prisoners for the
 Experiment and carefully wash them
 day by day both the upper and lower
 parts of the body and to their serious detriment

With a view to rendering the
 Conditions more certain and as regards
 the of labour equal to that expected
 of a relief Coolie I would employ them
 light work within the jail premises
 under a careful Warder in charge
 Two or three men would
 quite sufficient to show a pronounced
 result.

I have the honor to be
 Yours Obedt. Servt. St.
 Alexander Ross Surgeon General
 General Surgeon & Medical Officer

1872
 16/10/13

No. 2669

For the reasons stated by Surgeon Major Ross,
 the experiments now sent are worthless as proofs of the
 sufficiency of the present wages of the working poor.
 It is agreed that the diet is not the same as
 proportion of condiments is altogether inadequate to
 meet the requirements of the human body, I am un-
 prepared to recommend that any prisoners be sub-
 jected to such an insufficient diet even for a few weeks.
 The experiment is already being made with the poor
 of whom might be kept under close observation, and
 deterred from getting other food than that which is
 provided for them, but care should be taken that
 only those who can bear the experiment be chosen as the
 subjects.

On receipt
 10/10/13

Madras
 29/3/77

H. J. van Bommel
 Deputy Surgeon General
 Madras

No. 222.

Office of Surgeon General
16th April 1877

From

Surgeon General George Smith M.D.
Surgeon General M.D.

To

The Chief Secretary to Government
Public Department.

Sir.

I have the honor to submit for the
information of His Grace the Governor
in Council a report from the Hillale
Surgeon Mellow dated 25 March, on
the physical condition of the coolies
employed on Relief Works at that station and
receiving the new scale of wages.

I have the honor to be
Sir

Your most obedient servant

Per Lanto M.D.

Surgeon General M.D.

1510
29.3.77
The Hillale Surgeon
J. Mellow
The Surgeon Mellow
First
Second
Third
Fourth
Fifth
Sixth
Seventh
Eighth
Ninth
Tenth
Eleventh
Twelfth
Thirteenth
Fourteenth
Fifteenth
Sixteenth
Seventeenth
Eighteenth
Nineteenth
Twentieth
Twenty-first
Twenty-second
Twenty-third
Twenty-fourth
Twenty-fifth
Twenty-sixth
Twenty-seventh
Twenty-eighth
Twenty-ninth
Thirtieth
Thirty-first
Thirty-second
Thirty-third
Thirty-fourth
Thirty-fifth
Thirty-sixth
Thirty-seventh
Thirty-eighth
Thirty-ninth
Fortieth
Forty-first
Forty-second
Forty-third
Forty-fourth
Forty-fifth
Forty-sixth
Forty-seventh
Forty-eighth
Forty-ninth
Fiftieth
Fifty-first
Fifty-second
Fifty-third
Fifty-fourth
Fifty-fifth
Fifty-sixth
Fifty-seventh
Fifty-eighth
Fifty-ninth
Sixtieth
Sixty-first
Sixty-second
Sixty-third
Sixty-fourth
Sixty-fifth
Sixty-sixth
Sixty-seventh
Sixty-eighth
Sixty-ninth
Seventieth
Seventy-first
Seventy-second
Seventy-third
Seventy-fourth
Seventy-fifth
Seventy-sixth
Seventy-seventh
Seventy-eighth
Seventy-ninth
Eightieth
Eighty-first
Eighty-second
Eighty-third
Eighty-fourth
Eighty-fifth
Eighty-sixth
Eighty-seventh
Eighty-eighth
Eighty-ninth
Ninetieth
Ninety-first
Ninety-second
Ninety-third
Ninety-fourth
Ninety-fifth
Ninety-sixth
Ninety-seventh
Ninety-eighth
Ninety-ninth
One hundred

