

E. AFRICA  
24002

24002  
REC'D  
FILED 2 JUL 14



1914  
July

Medical & Sanitary Mission  
to E. Africa

Previous Paper  
40310

Members Submit report

Photos to library

Mr. Rockett

Keep for Guide  
Quarterly

The Report had been  
put into type as soon as possible  
if necessary eventually  
I am keeping  
plans & see in this part  
Report shall be separate  
Office Paper  
7/11/14

55 copies sent to...  
to the...  
to the...  
to the...  
to the...

52642 typing  
31154  
5/29/14

Mr. Head  
2/26/22  
15 sign  
Res/ 24/189  
1/6 bar  
at proof...  
E. DOR.  
7/8/14

Mr. Bottanby 1878

Mr. Read

I have read through the report

The above  
straight for  
the unmy  
-laps into

It is a good

send a pro

correct, but he is away until

week in September, it was contemplated

that it should be brought before the  
TAMS Comtee at their regular meeting

on 1 Sept. I rather doubt, however, its  
being found feasible to hold a meeting then

on the other hand, I should be sorry to let  
it go out to EA, even as an "uncorrected

proof" without giving the learned Professor  
the chance to revise it first.

shall I send a proof to  
Prof. B. forwarded, explaining

to Prof. Simpson that we want him to  
read it before we send out a dozen copies

and if he can we get back corrected,  
P.D. had better be warned to strike

off a number of copies of the revised  
about 100, in fact, if the each are to

go to U.S. J. A. S., 2 vols 2' bar. -  
AT 10/18/16

Don  
x  
x  
600.00

Ma Read

~~DEAF~~

Please see corrections made in  
report, which include Professor Sampson's  
The most important (of many) is the omission  
of Aff III - Dr Haran's scheme for the  
Nursing Service. The reference list on page  
36. We have had this scheme separated,  
I rejected it - see 14/13/14, I desl in ref.

Now? put mine (see last 4 lines  
of preceding minute), AF 19/18/14

at once

6. R.

9/18/14

the fraction

Research & Intelligence

W. R. D.

27/8/14

Ma Read This will come up for preliminary consider-  
tion at next Tuesday meeting of the Advisory  
Committee. I suggest that it should be referred to

Sub Committee, consisting of yourself, Sir R. Ross,  
Prof Simpson & D. Ballantyne.

AF 2/7/14

to me

10. 2 R.

2875/4.

Circulated to TAMS Committee 27 Aug 1914

M Road

As you are aware, Sir R. Ross suggested  
that it was premature to refer this to the  
sub-committee. That it would be better to send our  
views, in the first instance, to the Govs of the  
Ug, & Zanzibar for discussion before the  
issues were raised, they could be considered by  
the committee the report? Proceed accord

Prof Simpson has made some  
alterations on page 10. As 100 copies of the revised  
printed it would certainly be a pity to have a  
renew, which would mean scrapping the 1st  
sending out two copies each to AF & Ug, & a  
2 bar, after p. 10 in MS, still them to make  
same alterations in the 22 copies they will go  
C.A. and send C.A. the rest to send out by  
then revise as to reproduction AF 3/9/14

Proceed as proposed - & then  
 circulate in order that the authorities here  
 may see the Report, that Prof. S.  
 may be thanked, & that it may be  
 sented what of the plans are  
 to be reproduced.

111

at once  
 or JGR  
 3/12/14

to Read

The plans are as follows

state page 20

(1) Chart showing each by each the number of plague  
 cases & no of incubations, Mombasa

[Not referred to in the text of the  
 report.]

state page 41

(2) Chart showing gaugings of Mombasa water  
 supply, over a period of nearly 3 years  
 referred to in the text, page 41

state page 43

(3) Large scale map in four sections, showing  
 houses unfit for habitation & requiring to be  
 put into a fit state - Mombasa  
 [Referred to in the text, page 43]

state page 47  
 48

(4) & (5) Two plans (I & II), showing (I) the  
 divisions in the Indian bazaar (Nairade), & the  
 divisions of (II) subdivisions of plots into building  
 sites, buildings. [Referred to in the text, page 47]

length, pages 47, 48]

(6) Map of ... showing touring planning scheme  
[Referred to in text, page 58]

(7) Seven maps, as follows -

I Map of E.A.P. & Uganda, showing endemic plague areas, cotton growing districts & ...  
[Referred to in text, page 31]

II Map showing distribution of plague in parts of ...  
[Referred to in text, page 1]

III & IV Maps by D. Charles showing region & route of cholera epidemic, 1864-70  
[Referred to in text, page 1]

V Map showing occurrence of plague - Risirum district  
[Referred to in text, page 24]

VI Map of Mombasa Island, showing ...  
[Referred to in text, page 26]

VII Map of Nairobi, showing (a) touring planning scheme, and (b) distribution of plague  
[Referred to in text, pages 50, 51]

I see no reason to omit any of these maps except (2) but if it is thought necessary to make some further selection, I should omit (1), and perhaps (6) and (7) Nos. III

omit (1) only  
" 2-22

To illustrate generally

To illustrate to the 2-22

To illustrate 16, 17

To illustrate 23

To illustrate 44

To illustrate 49

To illustrate 50, 51

but to omit III & IV means more doubling of the text than in the other cases.

The photographs are -

I Nos 1-5, 7, 7A, 8-12 "Condition of Nairobi in Commercial Section of Town" These are referred to on page 47, par 117. If any are to be omitted, I should be content 1, 3, 7A, & 10 - remainder to be omitted, and after the text to correspond

II Nos 13 to 24 "Condition of Nairobi drainage works (but see Professor Simpson's recent note on envelope - I cannot understand it). These are referred to on page 54 (par 126). 13, 15 & 24 might be omitted, if any are to be, remainder of album, text would follow

III Nos 25 to 28 Nairobi Water Supply - springs & reservoir. Referred to in text (page 55, par 129). Two out of the four might be omitted - see as before

IV Nos 29 to 31 "Condition of drainage, military lines, etc." Referred to on page 55 (par 131). These might be omitted altogether, if thought desirable. Text to be altered in that case

V Nos 32, 33 "Insanitary housing at Nairobi" I cannot find any reference to these in the text they might be omitted altogether

VI Nos 32-34 (would want renumbering in any case) "Hygiene at Jerusalem". In view of the interest which is now being taken in the ... it would be a pity to omit these

omit " 2-22

Yes No

omit " 2-22

Yes No

They would no doubt be useful in a few years' time to show how the sanitation & appearance of the place had degenerated. They are not referred to in the text.

VII 13 Photographs of Kanjibar

- (1) Two of drains - referred to in text, page 71
- (2) One of refuse destructor & creek
- (3) One of a model Khoya lodging house
- (4) Four of the Gubara Infectious Diseases Hospital
- (5) Two of Sayda market, &
- (6) One of Sayda Market Road
- (7) One of an insanitary area, &
- (8) One of fresh water tank, & some more
- (9) One of a view of the town to show

These are all in the list of things to be omitted. I must say that I think (2), (3), (4), (5) might be omitted. They have no description in the text. (6) & (7) are also two of (8) might be left. One of (8) should go too.

omit  
Yes

above  
22/9/14

Mr. Siddian

I am sorry necessary steps to be taken for the purpose of reproducing the photos

22/9/14

Mr. Piddian

(1) I now circulate a revise containing all the maps and photographs, for consideration. I also send on a copy which, I think, should go to Professor Simpson, so that he may certify to the correctness or otherwise of the maps and plans. We have examined them to the best of our ability, but the big plan of Mombasa was very loosely done in the original and contains some obvious errors.

(2) Mr. Reade's first minute on this paper speaks of giving the Report to Parliament, but I understand that what is desired is a wide circulation. It is very desirable <sup>chiefly</sup> ~~that~~ the Report should not be published as a Parliamentary Paper if it can be avoided. The Stationery Office agreed to do the maps under the impression that they were for an Office Paper and would not come under the scrutiny of the House of Commons Committee. If the Paper, with its quite elaborate collection of maps, is now given to Parliament the Committee will assuredly have something to say about it, and the S. O. will harden its heart more than ever the next time we want anything out of the common in the way of maps.

(3) I have had all the illustrations stitched up together at the end, but they can, of course, be arranged in any order you wish.

(4) The two plans of which copies are put up separately are those which were overlooked when the Report was sent to the S. O. It has to be decided whether they are to go in, and whether there are any others.

18. 12. 14.

5. Please see also the attached memorandum from the S. O. as to the necessity of acknowledging the source of two of the maps.



Mr. Read

(1) I agree that the review should be seen by Professor Simpson. I propose to send it to him privately, & to put in him several of the points noted on the enclosed sheet.

(2) I agree that we should not present to Parliament in the circumstances. At the same time, I see nothing in the minutes or the draft to S.O., to justify the impression which Mr. Rockett says influenced S.O. in agreeing to the reproduction of the plans &c.

(3) I think that unless it is considered undesirable for technical reasons, the maps, plans & chart should face the pages on which they are first referred to. The illustrations can very well remain at the end, but references should be introduced in the form of footnotes to the text, so as to draw attention to them.

It seems to me that a Table of Contents is absolutely necessary, & that (if it would not mean undue delay) an index also should be added. It would be undesirable with the Office to let a report volume of 82 pages, with 12 maps &c., go out without the former, & if we are ever to

x enclosed  
I agree  
the things  
about

No, nothing  
the minutes  
draft, but  
Report was  
put into type  
in an Office  
Paper  
and so remain  
and the S.O.  
naturally  
cluded it  
would be completed  
in that form.

B. J.  
30. 12

make full use of, & get the utmost  
advantage out of, the report, an Index is  
indispensable. I dare say Mr. Harman would  
find it quite possible to take the matter  
in hand as a matter of urgency.

(4) Certainly the charts should go on,  
as part of Appendix V - in fact, as Appendix  
V - with the same headings & side notes  
as in that Appendix (in MS). A note should  
be added to par. 185, sub par. 1 (p. 72),  
referring to it.

(5) I suppose it will be sufficient if  
we add a footnote on page 16, par. 36, line 14,

"Maps I and II. Reproduced by kind  
permission of Messrs. Macmillan." If thought  
desirable, a note to the same effect could be  
added to the Table of Contents.

AT

29/11/15

at once

H. J. R.

30/11/15

Mr. Harman

Please see Professor Simpson's  
letter below. I have inserted all the references  
made. All the corrections I can in the margin  
returned them. AT 4/12/15

P.T.O.

Mr. Fiddian

Herewith is a copy of Revise 2, for authority to print off, with it is a copy of Mr. Harman's index.

On your verbal authority I am printing 350 copies. Your corrections from "British East Africa" to "East Africa Protectorate" reached me too late to be incorporated in this Revise, but they will duly be made in the press copies.

E. J. J.

20. I. 15.

Mr. Rockett

I have been through the index, which seems to me very complete & clear, & made some alterations.

A. to the report itself -

(1) Page 68, par. 115. I suppose Professor Simpson's M.S. did not include this memorandum (see line 8 of the par.). I must, I had better, ask him whether he has it; & if not, we shall have to alter the line by omitting "Jaffard", & the following line by altering "shari" to "shari".

(2) Page 83, App. IV. Probably the figures can supply the figures of area & population, which are missing from the text (under "Eastern Province"). I should like to agree, & if you will ultimately return this to me, I will send it on to Mr. Read for authority.

HT 25/1/15

East African Department

Please see (2) of Mr. Fiddian's minute above. If you can supply the figures, will you please do so?

E. J. J. 26.1.15

Mr. Rockett  
Agreed  
25/1/15

The whole of the manuscript sent to me is in type.

E. D. O.

Mr. Butterfield

29. I. 15.

Dear Sir

(I did not mean this to return to Mr. Rockett)

I answer a letter from Professor Simpson enclosing a memo. by Mr. Hobby, which I think should be added as Appendix No. VI - R, though not of order (it should be V) with under less disturbance than making it follow IV. There alter the text on page 48 to correspond with the marginal note as suggested by Prof. Simpson.

When this has been done, if the additions made to App. IV I think the report might be printed off.

AF 30/1/15

These should have a separate of of the ...

... I have indicated that the measurements 40x50 should be feet - the only denomination consistent with 15 families to the acre.

Yours

at once  
H. J. R.

P.T.O.

1/11/15

Mr. Sedgwick  
Chief of Workday's  
(M... ..)

J. D. O.  
5-2-15

Mr. Bettanley

I have gone through this  
proof, & I think it is all right. I see  
no bars, already printed the memo  
in A. N. was 11 20 - 50

understand  
MF 8/15

? how print A as in the address  
minutes of 30/15 in 15.03 8 2.15

at once  
W. S. R.  
8/11/15

Mr. Bettanley  
Mr. Head

This report is now ready, &  
350 copies have been printed. I think  
that some comparatively large number of  
copies should be sent to E. A. U. &  
Zanzibar, as the places primarily concerned,  
& a few copies to each of the rest of A.  
as of general sanitary interest, copies to

111

The two Schools of Trop. Med. the Trop.  
 Dis. Bureau (perhaps to J.O. Small)  
 & 6 copies to Prof. Simpson with copies.  
 The other members of the I.A.M.S. etc  
 should also have copies

AF 17/1/15

Say

E.A.P.	50
Uganda	20
Z'bar	10

Other T.A. places 3 each

W.C.S. 7/3/15

at once

W. J. R.

18 Jul 15

Sind. Nigeria 3 more copies of the  
 report - 3rd bn saying that it has  
 been suggested that 6 copies only would  
 not be sufficient for the Med. & Sur-  
 Dept of both Northern & Southern  
 Provinces. Upon return to me  
 (Dr. L. Bonfield, H.O.H. Khulana, should  
 have 2 copies with copies) AF 8/4/15

at once

20 Es. Neg. 9 April 1915 3pm  
 (3 add copies of report sent)

Send Professor Simpson 6 more copies  
with copies of 10 10 copies 3rd  
for with refer to an letter of 30 Mch  
I have telephoned message of today

AT 9/6/15

at me

Remind Agard & E'bar LFF  
was 20410  
at me

Mr. F. Jackson

Will you glance  
 at these and let me have  
 your back. Mr. Hauman  
 mentioned them  
 he understands you  
 that they to be done.  
 I should recommend  
 them to the reviewing  
 the original Report.  
 is, I think, important  
 that the reader should  
 be left under the  
 impression that he has  
 the complete Report.

E. D. R.

1.12.14



Information

Can you let me have  
all the Simpson photos off  
your table a night or two ago?

E. D. J.  
3-12-44

Mr. Rockett

I think Rex will do very  
well. I prefer Mr. Harman's numbering.  
I am not sure but I think that as far  
as possible reference to the photos, maps etc  
which it is not proposed to publish has  
been eliminated from the report as prepared  
for publication. I if that is so I see no  
advantage in having the numbers as they  
stood in the original. AF 4/10/44

THE SUPERINTENDENT OF PRINTING  
DEPARTMENT,  
COLONIAL OFFICE,  
DOWNING STREET,

To  
The Superintendent of Demands,  
*Demands*  
Stationery Office.

6th January, 1915. 191

MEMORANDUM

*Hand*  
Ten of these maps and plans are now returned for press but I should like to see final pulls of two of them before passing them for press.

Please note that 350 copies will be required, not 50, as stated on the Demand, No. 901, of 6th July, 1914.

It is assumed that where the plans have been reduced in scale the scale indicator has been altered on mathematical principles.

*E. D. O.*

TELEPHONE  
3927 P. O. MAYFAIR.

433  
31, YORK TERRACE,  
YORK GATE,  
RECENT'S PARK

Jan 2nd 1915

Dear Mr. Fiddian

Thanks very much  
for valuable recommendations  
which you will see I have adopted  
The maps & plans are used so  
far as I can discern correct. I  
have made a slight addition to Map III  
and asked that the position of Graham's  
town - East London be corrected  
In map IV I have added in one corner  
a little more red & yellow to make it  
conform to the text at page 52.

relating to the area occupied  
in Australia by the Railway  
Landings. In the original map  
all that was appears as deep  
IV as yellow was green which  
I think is a more appropriate  
colour as it is intended to  
indicate Park & grass land  
I do not know why the colour  
was changed to yellow. However  
I there is any special reason  
the yellow colour may remain

Yours sincerely

W. Timmins

My wife & I reciprocate your good wishes  
for a happy New Year.

Downing Street,

January, 1915.

Dear Professor Simpson,

With apologies for its rather stained condition, I enclose a copy of the revise of your East Africa report, maps and all. We are anxious that you should examine maps, plans and charts, and certify to their correctness - with such alterations as you think fit.

The maps &c., will require to be renumbered; it is proposed to make:-

yes	Dr. Christie's maps I & II,	to face	page 16.
yes	Map of distribution of plague in ports and countries &c.	III	-do- 17.
yes	Map of Nairobi	IV	-do- 23. <i>Results to be given</i>
yes	Plague map of Kisumu District		<i>Continued on this page should be so arranged with page 23. I could be sent with drawing 10, 11, 12, 13.</i> -do- 24.
yes	Cotton growing and plague areas	VI	-do- 31.
yes	Shimba Hills gullings	VII	-do- 41.
yes	Unfit habitations, Mombasa	VIII	-do- 43.
yes	Mombasa Island	IX	-do- 44.
yes	Typical bazaar premises Nairobi		-do- 47.
yes	Abdul Hussein estate, Nairobi	XI	-do- 48.
yes	Plan of Kisumu	XII	-do- 56.

All the photographs to be put at the end.

A Table of Contents and (if possible without too much delay) an index will also be included.

The King's African Rifles, Zanzibar, sickness

returns

returns were accidentally omitted: they will go in as Appendix V. A note will be added to paragraph 185 (1), page 72, referring to this appendix.

I have made some further corrections, but there are a few points to be settled.

*Yes  
looks to  
buildings*  
Page 8, paragraph 14, last line but one. "Of rooms, of buildings, ....". Should not this be "of rooms and buildings"?

Page 10, paragraph 20. The alteration you made in line 5, and the addition, will be made. They were inserted in Manuscript in the copies sent out to the Administrations in September.

*no it refers  
to a different  
individual  
who is still  
alive*  
Page 14, paragraph 29 (4), line 4. Should not "Christy" be "Christie"? I presume this is the gentleman referred to on page 16, and in Appendix I (if so, Dr. Milne misspells the name).

*Yes*  
Page 16: Please see footnote. We are obliged to make this acknowledgment. Is the title of the book correct? (References to maps and photographs will be inserted where necessary throughout the report.)

*so should be  
Euphorbia*  
Page 29, paragraph 76, last line. Is "Euphorbia" correct?

*In Eastern  
Province  
only*  
Page 31, paragraph 83, last line but two, and Appendix III. Is the list one of places in the whole of Uganda or in the Eastern Province only?

*corrected*  
Page 43, paragraph 107 (3), line 16. As the map is in one piece, ? alter to read "I attach a map of the area in Mombasa in which there are ....."

*It should be 14*  
Page 45, paragraph 111 (5), last line. I suppose it is paragraph 13, not paragraph 14, that is meant.

Page 51, paragraph 121 (5), line 20 on page.

should be required

Is "of owners required" correct? It reads oddly.

Name of road has been marked on the map.

Same page, paragraph 122 (IV), line 1. "Near Road" is not marked on map No. IV.

Hope I have made it clearer by the addition I have made

Page 54, paragraph 126, lines 5, 6. The meaning is difficult to follow

NO. Page 57; paragraph 139, line 2. Did you intend to italicise "so"?

yes.

Same page, paragraph 144, line 3. "And as it is for workshops ..." Should not "intended" be inserted before "for"?

no it refers to a map I saw in the office of the ...

Page 59, paragraph 153, lines 7, 8. "Area A" is not marked on map No. XII.

Page 63, paragraph 157 (3), lines 2, 3. "The pipes taken from it supply ..." Taken from what?

Hope I have made it clearly the first sentence is the one intended

Page 67, paragraph 167 (2), lines 2, 3. As this sentence stands, it is <sup>equally</sup> susceptible of the interpretation that the drains which act efficiently are the ones that may afterwards be concreted, <sup>and</sup> of the opposite interpretation.

Page 70, last line but one. Should not "to be" be inserted before "spread"?

Perhaps you would insert your replies to each query in the margin, and return this letter to me so annotated.

Yours sincerely,

Alan Fiddian

This is hardly first in a new official, but as the letter was written & dated yesterday & posted today, perhaps you will allow me to take this opportunity of wishing you and Mrs. Simpson & family, New Year 1917

Telephone:  
VICTORIA

457

MEMORANDUM

SUPERINTENDENT OF DEMANDS TO

H.M. STATIONERY OFFICE

WESTMINSTER, S.W.

*Dept of Printing  
Colonial Office*

14 November 1914

Two maps taken from Dr. Shoutie's work on Cholera epidemics in East Africa and sent for inclusion in Simpson Report on Sanitary Matters in East Africa are private property of Macmillan but the consent of Macmillan has been obtained for the reproduction secured provided that due acknowledgment is made Colonial Office will doubtless make the acknowledgment when maps are sent for printing

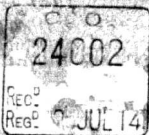
*B. Howard*



TELEPHONE  
3921 P. O. MAYFAIR.

458

31, YORK TERRACE,  
YORK GATE,  
REGENT'S PARK.



July 2<sup>nd</sup> 1914

Sir

I beg to forward my  
report, addressed to the Secretary  
of State for the Colonies on  
my recent visit to British  
East-Africa, Uganda & Zanzibar  
with photographs, maps, plans  
& charts relating thereto.

Yours sincerely  
H. J. Read Esq CB. C.M.S. W. J. Thompson

TELEPHONE  
3921 P. O. WAREHO

459  
31, YORK TERRACE,  
YORK GATE,  
REGENT'S PARK.

Jan 28<sup>th</sup> 1915

Dear Mr. Frederick

Fortunately I have

found a copy of Mr. Hobley's memo  
on the cost of establishing the National  
location & model town but I cannot  
find a copy of the cost of the land  
for the zone. so that the side para-  
graph should thus "Estimated cost of acquisition  
of land for zone, & estimated cost of erecting houses  
in National location & model town  
D. J. Simpson

Provincial Commissioner's  
Office.

Bombay,

17th September 1913.

*Mantosa*

Memorandum

Terms of Settlement in Native Location  
and proposed Native Town, Mantosa.

Native Location.

This is a location for labour employed by Government particularly the Railway Department, the large shipping firms etc. who have large gangs of labour working in the Railway yards at the pier and on ships.

This labour will be generally speaking of two classes: -

- 24  
7
- (a) Swahilis, Banyamwezi and Shihiris.
  - (b) Up country indentured labour.

Essentially the same accommodation will suffice for both of these classes but the married men should have married quarters.

Labour of this type will not be able to build their houses and the proposal is that Government should build on its own land quarters for its own employees and that the other land owners in the native location area should build for their men and the general labour force.

To induce these landowners to co-operate in this measure one must be in a position to demonstrate that that the scheme can be made to pay a good rate of interest on capital outlay.

It is true that under the Master and the Servants Ordinance employers are bound to provide suitable quarters for their employees, but these provisions can obviously only apply to men engaged on monthly wages whereas in Bombay with the exception of Government

employees most of the labour is only engaged day by day and the liability to provide quarters is thus evaded.

The Executive Engineer, P.W.D., has worked out the cost of housing the various classes in type dwellings upon lines laid down by Professor Simpson and his estimates include the cost of the dwellings and cost of roads and drains.

This may be summarised as follows:-

Type I. quarters for single labourers 90 men per acre  
Cost of building per acre.

(a) Rs 10,000/- for lime concrete houses and makati roof,

(b) Rs 6666/- for houses built of timber and rough cast (kikote) and makati roof.

Cost per acre for roads and drains, Rs 1586/-

Taking the more expensive type a total expenditure of Rs 11,686/- per acre.

For the cheaper type Rs 8252/- per acre.

Average value of land may be placed at £ 150 p.a. or Rs 2250/-

The two types then work out at

(a) Rs 12,436/- per acre concrete houses,

(b) Rs 10,502/- per acre timber and rough cast.

Maintenance Rs 700/- per acre.

A landowner should get at least 10% p.a. on his outlay, in this country, this comes to -

Type I,

Rs 1433/-

Type II,

Rs 1120/-

respectively

Divide

Divide these sums by 90, which is the number of men per acre and the amount payable by each type is Rs 16/<sup>12.50</sup> and Rs 12/50 respectively, or about Rs 1/30 and Rs 1/4 per month.

This is the position for the private land owners, and it means in practice that the labourers will have to be paid at least Rs 12/4 p.m. to afford Rs 1/30 p.m. in rent.

With regard to the housing of Government employes it is suggested that money should be borrowed for the purpose and the rent based at 5% on capital outlay, and that 1% of this be laid aside for a sinking fund to gradually pay-off the capital expenditure.

For Government purposes the calculation would be as follows:-

Cost of building

(\*) Rs 10,000/4 concrete construction.

The timber and mud construction is not recommended for Government as the cost of maintenance will be much higher and the life of the buildings is short. Concrete houses if systematically repaired will last indefinitely.

Costs of roads and drains Rs 1500/4

Cost of land price actually paid Rs 70 per acre, or Rs 1050/4

Maintenance Rs 700/4

The total cost thus works out at Rs 11,750/4 per acre. 5% on this amount is Rs 587/50 per annum.

Divide by 90 and it gives a rental of Rs 6/50 p.a. or about Rs 1/4 per month.

This is very low and could be met by labourers drawing on an average Rs 5/4 p.m. Note! This is a very low rate

rate and men drawing this rate would generally be in receipt of rations in addition.

Working it out on similar lines, the rent for married quarters will work out as follows:-

On private landowners' land, Rs. 2/10 p.m. this is rather too high a rent.

Government quarters, <sup>740</sup> say Rs 1/4 p.m. This is I think reasonable.

I have not referred to the necessary charges for Conservancy and it is estimated that the municipal rates will come to about <sup>25 cent</sup> -/25 per man per mensem in the single man's quarters, and <sup>50 cent</sup> -/50 per married man. As the cost of collection will be great the rates should, on private property, be collected through the house owners.

Model Native Town.

In this area it is proposed to lay out plots the majority of which will be <sup>40 x 55</sup> 40 x 55, these plots will be let out under temporary occupation permits and the tenants are to build their own houses according to an approved design.

The whole success of the scheme again depends on the financial aspect of the question.

The facts are as follows:-

Cost of roads per acre	Rs. 3510/-
"    "    "    "    "    "	"    "    "    "    "    "
"    "    "    "    "    "	"    "    "    "    "    "
Maintenance	500/-
Land per acre	<u>1500/-</u>
	Rs 6468/-

Government can be content with 5% on this, viz. Rs 323- 15 families can reside on an acre, and this gives a charge of Rs 21/- per a. per family or a rent

of Rs 1/75 p.m.

In addition, rates of Rs 50 cents per hut p.m. will probably be chargeable. I doubt if this rent can be realised at once, and it is recommended that a rent of not more than Rs 1/- per month be charged to begin with.

The present procedure in the native town is as follows:-

A native goes to a landowner and seeks permission to build a house. If he obtains such permission he pays the landowner a lump sum, generally about Rs 2/- to Rs 5/- (this is called "mkate") and then builds. He pays to this landlord a monthly ground rent of about Rs 50 to Rs 1/-. No roads or drains are provided by the landlord. With the rise in rental the practice of paying "mkate" is ceasing.

Number of the Indian landowners bought their land at very low rates many years ago, and have earned but little revenue for it. Natives have upto now had but little difficulty in obtaining permission from a landowner to build, but if, as is proposed, Government insists on the landowner laying out proper metalled roads and concrete drains, the Indian and Arab landowner will emphatically object and it will be extremely difficult to get him to develop his land under these conditions, as they strongly object to any capital outlay which they consider unproductive.

Even if they are allowed to let out their plots and have them occupied and earning rent before they are forced to make up the roads and drains, the greatest difficulty will be experienced.

The policy, therefore, seems to be to lay out our own section of the model town and get it occupied at reasonable rents and when the Rating Ordinance is drafted to provide for a system of differential rating. That is to say rate on a higher scale the old native town which owing to its congestion and bad laying out will be twice as costly to keep sanitary as the new model town.

Further, some system of rating undeveloped property should be imposed, to aid in including landowners to lay out building areas.

M. C. W. Hobley.

Provincial Commissioner

17-9-1913.



Appendix <sup>V</sup> VF

Records of Cases  
from Native Troops (Kings African Rifles)  
Admitted as In-Patients to  
Government Native and Ziwani Hospitals,  
Zanzibar.

1904 - 1913

" - "

"All Diseases"  
(including Malaria)

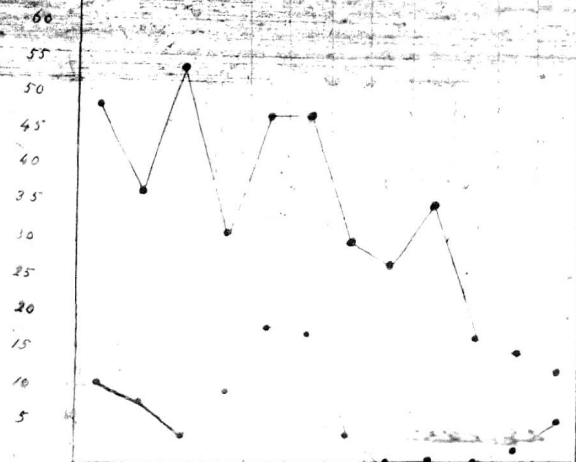
Malaria

Compulsory Quinine served out every  
Wed & Sat since April 1909 in grs X  
dose:-

R	Zinc Sulph	grs X
	Acid Sulph dil	95
	Magn Sulph	37
	Aq	ad 37

1907

Month. Jan Feb Mar Apr May June July Aug. Sept. Oct. Nov. Dec.  
 Rainfall. 4.8. 1.42 4.04 6.68 7.33 0.72 0.38 2.07 2.14 1.79 5.14 5.48



Notes:-

March. Pat's m.

Conjunctivitis

res. m.

M. y. June

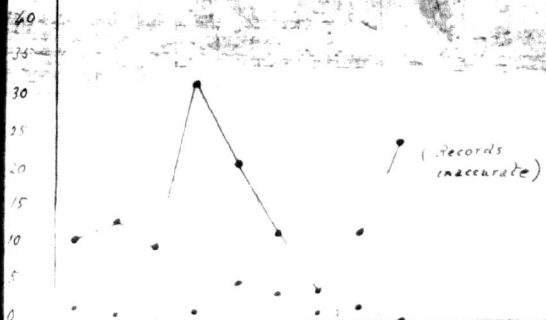
L. m. h. c.

L. m.

S. m. b.

1909

Month. Jan Feb Mar Apr May June July Aug. Sept. Oct. Nov. Dec.  
 Rainfall. 4.28 1.32 9.29 26.30 4.56 0.19 2.91 3.11 2.51 6.85 10.75 4.76



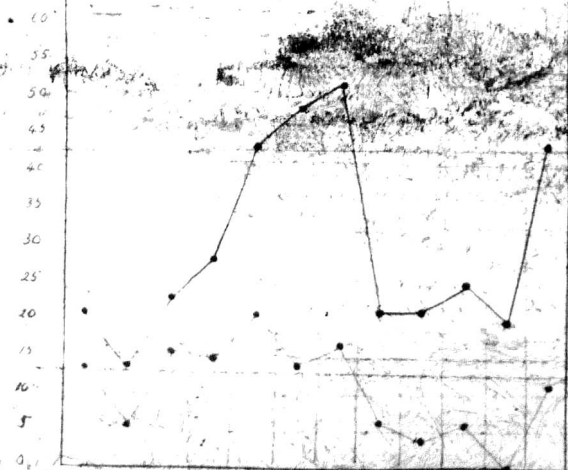
Notes:-

April Venereal cases

4 conjunctiv.

1908

Month. Jan Feb Mar Apr May June July Aug. Sept. Oct. Nov. Dec.  
 Rainfall. 0.04 0.32 4.29 10.47 13.93 3.65 4.02 1.28 1.59 2.58 11.45 0.45

Average Strength  
200 men

Notes:-

May. Malaria

Bronchitis

Thin Bronchitis

minor S.

July. Typhoid

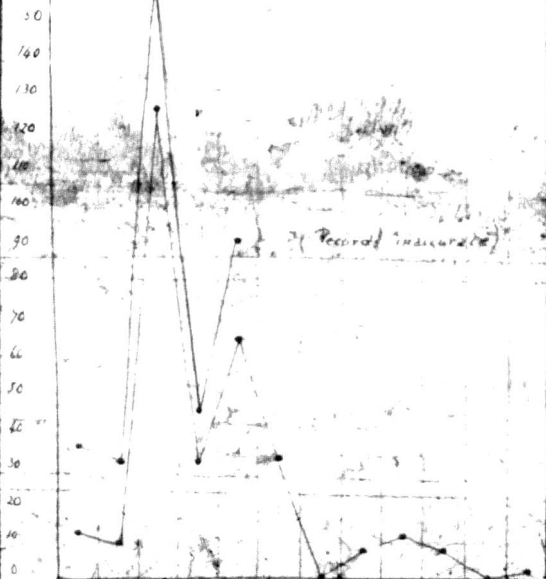
shock

Dec. Typhoid

Conjunctivitis

1910

Month. Jan Feb Mar Apr May June July Aug. Sept. Oct. Nov. Dec.  
 Rainfall. 4.71 2.36 0.80 14.32 11.77 0.02 3.30 1.82 0.67 1.81 7.47 8.08



Average Strength

193 men.

Notes:-

March Malaria cases

Malaria in a

newly arrived

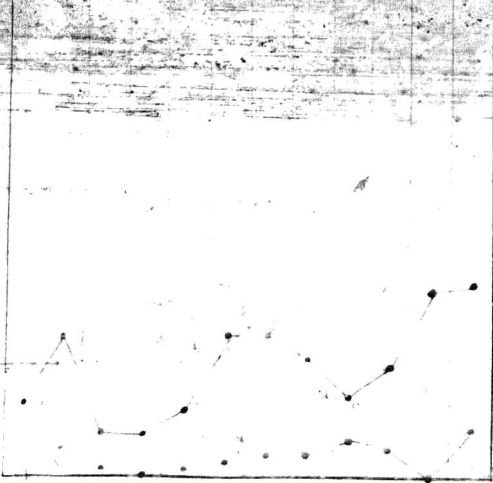
Coy. of Nandi

natives

1913

Feb. Mich. Ap. May June July Aug. Sept. Oct. Nov. Dec.

0.22 0.41 0.22 1.34 0.17 51 2.24 1.53 1.76 1.22 2.89 6.26 1.86

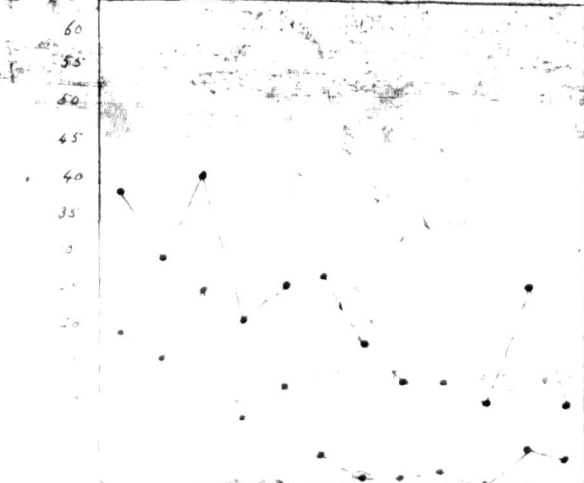


Average Strength  
220 men

Notes:-  
June-July Minor surgical, circumcision  
Nov. Dec " " & dysenteric diarr.

Month Jan Feb. Mich. Ap. May June July Aug. Sept. Oct. Nov. Dec.

Rain fall 0.39 1.37 4.77 1.79 11.18 0.47 0.31 0.88 2.58 4.22 3.20 1.3



Average Strength  
200 men

Notes  
Jan-Mch Malaria & venereal  
July Venereal & c. circumcisions  
Nov

Feb 1914

Jan Feb. Mich. Ap. May June July Aug. Sept. Oct. Nov. Dec.

4.36 6.99 7.39 10.09 3.45 0.47 0.03 1.04 6.59 0.98 5.70 17.82



Average Strength  
225 men

Notes:-  
May Diarrhoea  
June Dysenteric diarrhoea & surgical  
Oct Venereal  
Dec " " & rheumatism

Y EA  
26002  
14

159



7 Sept 14

DRAFT

N. 834  
Colfield  
371  
20%  
MINUTE  
Kiddie FH9

G. Fiddes.  
H. Just  
J. Anderson.  
E. Emmott  
H. H...

Handwritten notes: "I have the honor to", "transmit to you", "a report by Professor W. J. Simpson, M.D., on his visit to the East Africa, the Uganda Protectorate & Zanzibar during 1913."

I have the honor to  
transmit to you  
a report by Professor W. J.  
Simpson, M.D., on  
his visit to the East Africa, the  
Uganda Protectorate & Zanzibar  
during 1913.

2. The map  
photographs etc have  
yet been reproduced.  
was thought best to take  
the earliest opportunity of  
placing the subject matter  
of the report in the hands  
of the administration concerned.  
3. The C.A. for U

This report  
(attached on p 10, as  
in copy of memo  
herewith)

to send 55 copies to  
be transmitted by parcel  
as indicated in dft.

Colonies are being instructed to  
send you <sup>11/2</sup> <sup>thirty-two</sup> more  
copies of the report. You will  
note that certain alterations  
have been made in manuscript  
on page 10 of the enclosed  
copies; & the copies which  
will be forwarded by the C.A.  
should be similarly altered  
before they are put into  
circulation.

4. I shall be glad  
if you will furnish me with  
your views on the part of  
the report which concerns  
your admin<sup>y</sup>

at an early date.

SECRET.

Y & A

370

24002

14

16/11

14 Sept '16

DRAFT

Professr W J R Simpson, F.M.C. J.  
M.D., F.R.C.P.

MINUTE

Mr. Fiddian  
Mr. Reed

Mr. G. Fiddles  
Sir H. Just  
Sir J. Anderson.  
Lord Emmott, Islington  
Mr. Harcourt.

Recd 35612

I am to inform you that revised proof copies of your report of the 2nd of July last, on the subject of your visit to the I.A.P., Ug. & Z'lan, have been forwarded to the Govs. of British Resident respectively, with a request for their views.

2. The question of reproducing some or all of the photographs and plans accompanying the report will receive attention at

for course

an early date. In the meantime  
Mr. H. desires to take this  
opportunity of expressing  
his sincere thanks to you for  
the report, the proposals

put forward therein are  
clearly expressed and deserve  
my careful consideration,  
which he has no doubt they  
will receive at the hands of  
the administrations concerned.

Pending the receipt of the  
views of the Gorts in  
question, Mr. H. will refrain from

pronouncing any opinion on  
the points raised, but he

wishes me to assure you that  
he highly appreciates the  
value of your report as an  
important step towards the  
solution of the serious &  
difficult problems which it  
discusses.

S  
24.002/14 8 Apr.

471

23

23 Sept. 1944

DRAFT.

Stationery Office

MINUTE

- Mr. ~~Ransom~~
- Mr. ~~Fiddian~~ *W*
- Mr. ~~Read~~ *22*
- Mr. ~~G. Fiddes~~
- Mr. ~~H. Just~~
- Mr. ~~J. Anderson~~
- Mr. ~~Winnott~~
- Mr. ~~Harcourt~~

I am directed by Mr. Sec Harcourt to transmit to you a number of photographs illustrating Professor W. Simpson's Report on Sanitary Matters in the U. A. P. Uganda and Tanganyika (1st 12604)

These photographs have been selected from the complete set submitted with the Report as being

Rockett etc

Seen  
to J.C.  
23.9.44

29



... for a  
proper explanation of  
the text, and I am  
...  
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submitted ...  
... office

- 1 - Zanzibar No. - 36
- No. Rend.
- 2 - East No. - 188 ✓
- 3 - Uganda No. - 87 ✓
- 4 - Nyasaland No. - 40 ✓
- 5 - Somaliland No. - 29 ✓
- 6 - Nigeria No. - 40 ✓
- 7 - Gold Coast No. - 219 ✓
- 8 - Siyehone No. - 117 ✓
- 9 - Funtua No. - 55 ✓

S  
472 24502/1914  
E.A.

25 March 1915

DRAFT

Sir,

*Infra...*

MINUTE

2 pm  
1, 2  
+ 3  
mb

- Mr. Baker 19/3/15
- Mr. Bottomley 19
- Mr.
- Mr.
- Sir G. Fiddes.
- Sir H. Just.
- Sir J. Addison.
- Lord Lugard.
- Mr. Harcourt.

with ref. to my  
dep. No. 10 204  
834 - 7  
(N) 371  
the 7<sup>th</sup> of Sept. last

I have the  
honour to transmit  
to you the  
accompanying

*(copy here with enclosure  
sent by (name))*

(3/4) - ~~ten~~  
(East) - ~~fifty~~  
(Uganda) - ~~twenty~~  
(Nigeria) - ~~three~~

copy of ~~the~~ the  
report by Prof W. J.  
Simpson C.M.G., M.D.,  
on his visit to  
the East Africa, Uganda  
& Bar Provinces  
during 1913—

L.

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Appendix I. Memorandum on History of Plague in the East African Protectorate (By Dr. H. H. Huxley)

- (a) The disease as to its origin
- (b) The Indian source
- (c) The Indian source and its spread to the East African Protectorate
- (d) The question of the spread of Plague to East Africa
- (e) The part played by the Uganda Protectorate in the spread of the disease

Appendix II. Extent and Distribution of Cholera - Special Memorandum on East African Protectorate, May 1913 to January, 1914

Appendix III. Malaria in Uganda - Report on the Malaria Survey in Uganda, 1913

Appendix IV. Medical Staff of the East African Protectorate

Appendix V. Uganda - Records of Cases from Native Tribes, Zanzibar, 1907 & 1913

Map of East Africa

I. Map showing the geographical distribution of the East African Protectorate

II. Map showing the track of the East African Protectorate

III. Map showing the distribution of Plague in East Africa and countries with which it is in contact

IV. Map showing the distribution of Plague, 1905-1913, and the East African Protectorate

V. Map showing the spread of Plague in the East African Protectorate

VI. Map showing the relation of the East African Protectorate to the East African Protectorate

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Appendix VI. Report on the Malaria Survey in Uganda, 1913

- To factors
- VII Chart showing gauging of yield of  
riffle for water from 5 rivulets hills
- VIII ~~Plan~~ <sup>Plan</sup> showing houses unfit for human  
(at foot of Mandara), <sup>habitation</sup>
- IX Map of Mandara Island showing  
town planning <sup>protection</sup>
- X Plan showing typical houses in the  
Indian Bazaar <sup>at Maidi</sup>
- XI Plan showing <sup>suburban</sup> ~~suburban~~ <sup>at foot of</sup>  
ground in Indian Bazaar, Maidi
- XII Plan of Kisumu, showing proposed  
<sup>drainage</sup>  
town - <sup>planning</sup> ~~planning~~ <sup>of</sup> ~~arrangements~~

Mohd. Hussein  
edite,

Photographs

At end

Nos 1 to 8, illustrating insanitary  
condition of Maidi.

Nos 9 to 17, illustrating state of  
main drainage of Maidi.

Nos 18, 19 - views of Maidi  
water works.

Nos 20 to 25, views of Zanzibar.

Nos 27, 28, 29, views in Dar-es-Salaam.

Total Inoculations

2557	2837	3152	3191	3266	3367	4005	5910	8345	11336	13337	16338	19339	22340	25341	28342	31343	34344	37345
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June July Aug Sept Oct Nov

# Mombasa.

Chart showing week by week number of plague cases, and the number of inoculations.

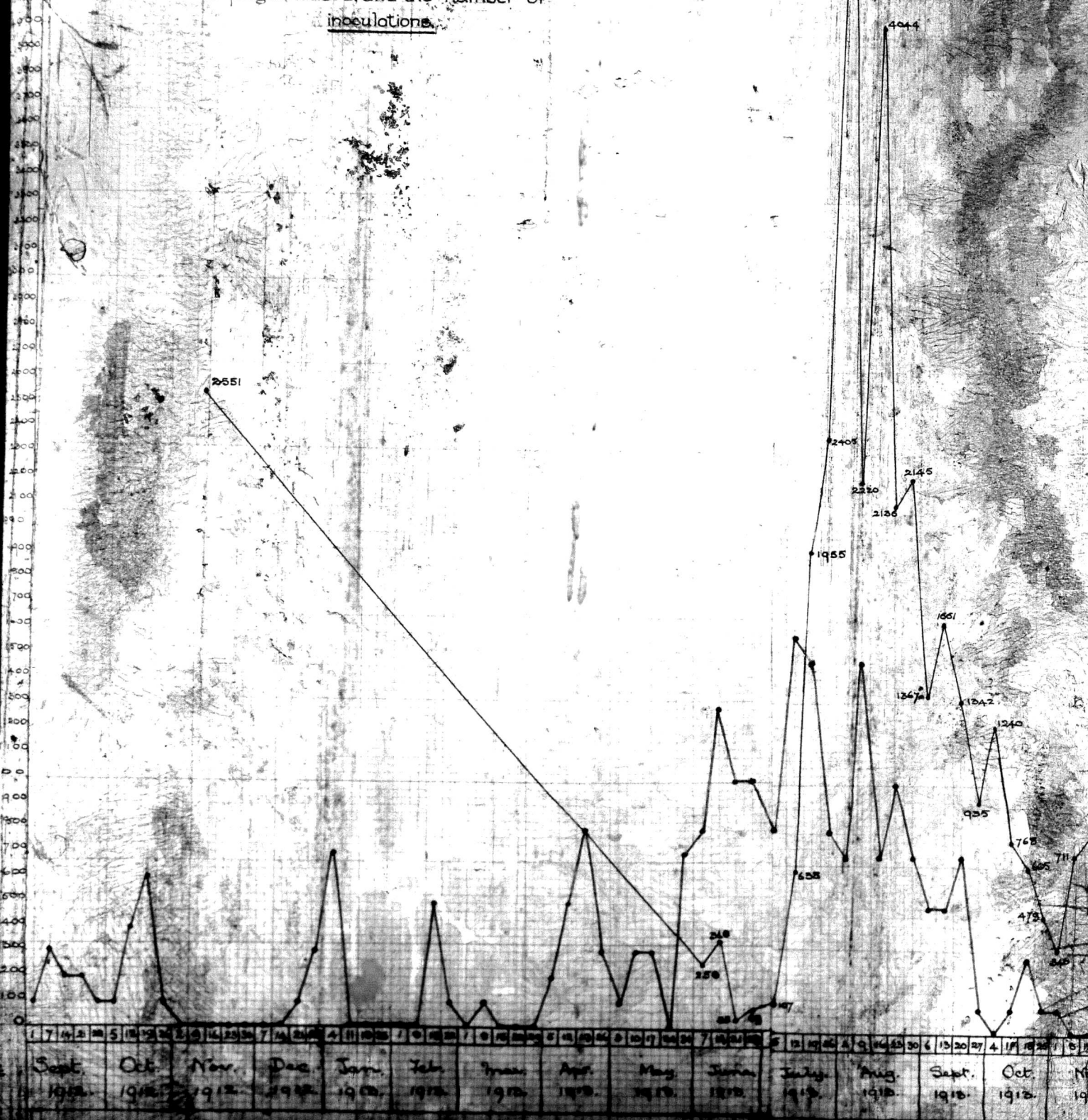


Chart I  
7/20/1918

2537	2837	3155	3181	3360	3367	4085	5960	8945	13336	14948	19991	20348	24929	30711	39246	50486	51284	51919	53598	55744	58485	64364	64793	68380	68889	66378	68849	67118
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June July Aug Sept Oct Nov Dec



May 1918	June 1918	July 1918	Aug 1918	Sept 1918	Oct 1918	Nov 1918	Dec 1918
----------	-----------	-----------	----------	-----------	----------	----------	----------