(1) பக்கங்களின் எண்ணிக்கை 42

(2) புதுக்கித் திருப்பிய நாள் 11/89

(3) ஆதாரங்குறிப்பவர் சுருக்கொப்பம்

தமிழ்நாடு ஆவணக் காப்பகம்.

(12)

தமிழ்நாடு அரசு

P.W.D. துறை

அரசாணை எண்.
மு. கோப்புத் தாள் எண். 1092

அச்சகம்
பலவகை

நாள் : 24-4-1889 ~~198~~.

மடிக்கவோ கண்டபடி கையாளவோ கூடாது

21 Sheets

ஆவண, கா-1—18,006—15-6-87.

25TH JULY 1888, No. 2265 W., PUBLIC WORKS.

1092

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Establishment.

READ—the following paper:—

G.O., dated 16th July 1888, No. 4144, Revenue.

Read—the following letter from W. R. LAWRENCE, Esq., Under-Secretary to the Government of India, Revenue and Agricultural Department (General), to the Secretary to the Government of Madras, dated Simla, 8th June 1888, Circular No. 53 G./32-23.

With reference to your letter No. 378, dated the 31st ultimo, I am directed to advise the despatch to your address of 30 copies of the Statistical Atlas of India, and to state that as applications have been received for a large number of copies of the Atlas, the Government of India is unable to meet your demand in full.

2. I am, at the same time, desired to request that, with the permission of His Excellency the Governor in Council, each officer to whom the Atlas is distributed may be invited to make any suggestions that may occur to him regarding improvements in the form and matter of the present compilation. It is contemplated to issue a new edition of the Atlas, and any suggestions which may appear to the Government of Madras to be useful should be forwarded to the Government of India by the 1st of October next.

Order—dated 16th July 1888, No. 4144, Revenue.

Communicated to the departments of the Secretariat and the several heads of departments under the Revenue Secretariat for the favor of any remarks they may have to offer.

2. The following distribution will be made of the 30 copies of the Statistical Atlas received from the Government of India:—

	Copies.
Public Department	6
Revenue Department	2
Military Department	5
Public Works Department	12
Commissioner of Salt, Abkári and Separate Revenue	3
Superintendent, Revenue Survey	1
Government Botanist	1
Total ...	30

(True Extract.)

(Signed) C. A. GALTON,
Ag. Secretary to Government.

1

Order—dated 25th July 1888, No. 2265 W., Public Works.

Communicated, for such remarks as they may wish to offer, to the following officers, to whom the Atlas will be supplied on receipt:—

Superintending Engineers.
Consulting Architect to Government.
Chief Engineer for Irrigation.
Consulting Engineer for Railways.

(True Extract.)

(Signed) J. O. HASTED, Colonel, R.E.,
Secretary to Govt., P.W.D.

To Superintending Engineers.
To the Consulting Architect to Government.
" Chief Engineer for Irrigation.
" Consulting Engineer for Railways.

Exd. F. R. Bantleman.
Spare Copies

1092.

2

GENERAL.
ESTABLISHMENT.

Govt. of {1888} Madras.

PUBLIC WORKS.

Dated July, 25th.

Recd. Encl.

G.O., 25th July 1888, No. 2265 W.

JULY.

Statistical Atlas of India

Copies of the — communicated to certain officers of the Public Works Department for favor of remarks.

No. 340 / W 1092 Supg. Engineer's Office, IV Circle,
Coimbatore, 10th August 1888.

From

Lieut. Col. R.R.E. Drake-Brockman, R.E.,
Superintending Engineer,
Fourth Circle.

To

The Chief Engineer,
P.W. Department.

Sir,

Adverting to G.O. dated 25th Ultimo, No. 2265 W I have the honor to state that I have no suggestions to offer regarding improvements in the form and matter of the present compilation of the statistical atlas of India.

I have the honor to be,
Sir,
Your most obedt. Servt.,

RREDrake-Brockman

Lieut. Col. R.E.,
Superintending Engineer, IV Circle.

3

P.W. Cas 2953

From

The Supg. Engineer,
Fourth circle.

Dated 10th August/88

Recd 13

No. 340
P.W.

Statistical Atlas of India

States that he has no suggestions to offer regarding improvements in the form and matter of the present compilation of the —.

Complied with
13.8.88

Reminder No. 1.
Reminder No. 2.
Reminder No. 3.
Reminder No. 4.

REVENUE DEPARTMENT.

No. 93 R.

SECRETARY TO GOVERNMENT,
6- NOV.
P.W. DEPARTMENT, MADRAS.

OFFICIAL MEMORANDUM.

1098

A. 2265. W 25.7.88

THE undersigned has the honor to request an early reply to {~~Memo.~~ / Order} No. ~~4144~~, dated 16th July/88 regarding Statistical Atlas of India.

(By order)
A. Stuart.
Under Secretary.

~~OOTACAMUND,~~ Fort St. George
1st Nov. 1888.

To
The Public Works Depart.

5

CR

P.W.C

Pr.C.No. 1132

Rep 6/11/88

1132/

Cons. Only three replies
have been received
to G.O. No. 2265 W. dated
25th July 1888 – D.P.
6-11-88

1092

C/

P.W.Dept.

1182

Memorandum.

Read again G.O. No: 4144 d/ 16th July 88 - Rev Dept.

Ep: 93 R dated 1st November 1888 from the Revenue department -

Letter from the S.E. VI Circle No: 1307 I. J. d/ 6th Sept/88

Letter from the S.E. V Circle No 3095 d/ 18th Octo/88.

The replies from Supt Engineers recorded above are the only papers received in this department making suggestions for the improvement of the Statistical Atlas. They will be transferred to the Revenue Dept. with reference to the orders in that dept. No 4144 dated 16th July 1888 and the subsequent

Reminder dated 1st November 1888 - Any further replies that may be received will be transmitted in due course.

WCM
7.11.88

Sent 10/11

To the Rev Deptt.

R.S.
13/11

D 18/11

1092

No. 568 G.C.

FROM,

Lieut Col R.R. Le G. Drake Brockman R.E.
~~THE~~ SUPERINTENDING ENGINEER
FIRST CIRCLE.

TO,

THE CHIEF ENGINEER D.P.W.
~~FOR IRRIGATION.~~

DOWLAISHWARAM, 6th December 1888

SIR,

With reference to G.O. No. 2265 W. dated 25th July 1888, I have the honor to state that I have no remarks to make or suggestions to offer regarding improvements in the form and matter of the Statistical Atlas of India of 1886.

I have the honor to be
Sir,
Your most Obedt Servant

Drake-Brockman Lt Col R.E.
Superintending Engineer
1st Circle

FROM,

Lt Col R.R.L. Drake Brockman R.E.
~~THE~~ SUPERINTENDING ENGINEER

TO,

FIRST CIRCLE

THE CHIEF ENGINEER
D.P.W.
~~FOR IRRIGATION.~~

DATED 6th
DESPTCHED 7th
RECEIVED 12
} December 1888

No. 568 G.L.

ENCLOSURES.

SUBJECT.

No. 5139 C.E. 19-XII-88

Statistical Atlas of India of 1886.

States that he has no remarks to make or suggestions to offer regarding the improvements in the form & matter of the —

No. 1976 1092

Superintending Engineer's Office,
3RD CIRCLE
Bellary 10 December 1888.

FROM Col: H. Smalley R.E.
~~THE~~ SUPERINTENDING ENGINEER,
IIIRD CIRCLE.

To

THE Chief Engineer
P. W. Department
Madras

SIR,

Enclosures.

Referring to G.O. No 2265 W dated 25th July 1888, I have the honor to state that I have no remarks to offer on the Statistical Atlas of India.

I have the honor to be
Sir
Your most Obedient Servant
H Smalley Col R.E.
Superintg: Engineer 3rd Circle

Co Co

[illegible]

From
The Superintending Engineer,
IIIrd Circle.

To
The Chief Engineer
P. W. Department
Madras

Dated 10 } December 1888.
Received 12 }

Enclosures.

No. 5139 C d/19-XII-88

No. 1976.

Statistical Atlas of India.

Informing that the Supdg Engineer 3d Circle has no remarks to offer on the

Compile
MW
12.12.88

Dw

1092

Form No 11.

1092
Madras, 3rd November 1888.

No. 421

From
The CONSULTING ENGINEER FOR RAILWAYS, MADRAS,

To
The Secretary to Government,
Public Works Department,
General Branch.

Sir,

In reply to Proceedings of Government No. 2265 W. dated 25th July 1888, I have the honor to state that this office does not wish to offer any remarks on the Statistical Atlas of India.

I have the honor to be,
Sir,
Your most obedt. Servt.,
Sidney Smith Major R.E.
for Consg. Engr. for Rys.

P.W.C. No 1246

R 4.12.88

No. 5139 C.A./19-XI-88

Complete W.C.S. 5.12.88

From
THE CONSULTING ENGINEER
FOR RAILWAYS,
Madras,

To
The Secretary to Government
P.W.D. Madras

Dated 3rd } December 1888.
Recd.

No. 421

ENCLOSURES.

Stating that he has no wish
to offer any remarks on the
Statistical Atlas of India

No 378 G.L.

Superintending Engineer's
Office, II Circle
28th November /88

1092

From

A.B. Todd Esquire,
Executive Engineer with,
II Circle.

To

The Chief Engineer,
Public Works Dept.,
Madras.

Sir,

With reference to G.O. No 2,265 W of the 25th July 1888, Communicating Copy of Statistical Atlas of India for favor of remarks, I have the honor to inform you that Mr. Hannan has left it on record that he has no remarks to offer.

I have the honor to be
Sir
Your Most Obedt. Servant
A.B. Todd
Executive Engineer
in charge
Superintending Engineer's
Office, II Circle

12

12

J.L.
27.11.88

[illegible] 1239

From,

The Suptg: Engineer,
2nd Circle.

To,

The Chief Engineer,
P. W. D.

Dated 28th Novr 1888.

SECRETARY TO GOVERNMENT
-2 DEC. 88
P.W. DEPARTMENT, MADRAS.

No. 378 G.L.

No. 5139 C.&I. 17 – xi – 88

Statistical Atlas of India - Informing that the Supg. Engr: has no remarks to offer in connection with the ——

Compile
[illegible]
3.12.88

E. I. Form No. 34-F.

GOVT. OF MADRAS. } . 1888 . { P. W. DEPT.

CHIEF ENGINEER FOR IRRIGATION.

Madras 26th November 1888.

092

OFFICE NOTE.

No. 261.

Circulation Register.

To	From	Despatch Date.	Receipt Date.
Dy: W.	E. I.		

KEEP-WITH.

No. dated 188 .

Your reminder No. 2265 W.
dated 21st Instant.

The Chief Engineer for Irrigation has no remarks to offer in connection with the Statistical Atlas of India.

Allen [illegible]
26.11
D. E. I.

14

Dw. H.
26/11/88

F.T.C. No 12156

B 27.11.88

No. 5139 C d/ 17 - XII - 88

Compile until all replies come in

Cs
27-11-88

No. 5139 C d/ 17 Dec 1888

P.W.D.

C/

1092

Memo:-

From the Chief Engineer for Irrigation - H.E. No. 260 d/ 26th Nov/88.

From the Consg. Architect to Government - H.E. No. 1300 d/ 26th Nov/88.

From the Superintending Engineer Periyar Project H.E. No. 1216 P.P. d/ 26th Nov/88.

From the Superintending Engineer II Circle - H.E. No. 378 G.L. d/ 28th Nov/88.

From the Consulting Engineer for Railways H.E. No. 421 d/ 3rd Nov/88

From the Superintending Engineer III Circle - H.E. No. 1976 d/ 10th Dec/88

From the Superintending Engr. I Circle H.E. No. 568 G.L. d/ 6th Dec/88

15

Replies from all officers of the department to whom G.O. No. 4144 Revenue, dated 16th July 1888 was communicated have now been received. The replies from the Consulting

Consulting Architect and the Superintending Engineer, Periyar Project, will be forwarded to the Revenue Department in continuation of this office No. 4390 C dated 10th Novr. 1888. The other officers consulted state that they have no remarks to offer.

15.12.88

17/12/88

17-12-88

No. 5139C d/19 Dec 1888

No. 4390C d/10-11-88
" 2265W " 25-7-88

To
The Revenue Department
with current Nos
12182 and 12301.

D 20/12

21/12

Ref 18/4

For ~~C. No.~~ Office use

MEMORANDUM. 1092

REQUESTED ~~for reference the undermentioned papers:~~ —

Six spare copies of the G. O. no: 205 dated 20th March 1889 (Revenue)

Francis Bird
~~Ag:~~ Second assistant

P. W. SECRETARIAT,
Chepâk, 17th April 1889.

To
The Registrar Revenue Dept.
Fort

Furnished.
Ramachandra Aiyar
Registrar
Rev. Secretariat.
19-4-89.

20th March 1889, No. 205, Revenue.

1092

GOVERNMENT OF MADRAS.

REVENUE DEPARTMENT.

Read—again the following G.O., dated 16th July 1888, Mis. No. 4144, Revenue:—

Read—the following letter from W. R. LAWRENCE, Esq., Under Secretary to the Government of India, Revenue and Agricultural Department (General), to the Secretary to the Government of Madras, dated Simla, the 8th June 1888, Circular No. 53-G.—32-23:—

With reference to your letter, No. 378, dated the 31st ultimo, I am directed to advise the despatch to your address of 30 copies of the Statistical Atlas of India, and to state that, as applications have been received for a large number of copies of the Atlas, the Government of India is unable to meet your demand in full.

2. I am at the same time desired to request that, with the permission of His Excellency the Governor in Council, each officer to whom the Atlas is distributed may be invited to make any suggestions that may occur to him regarding improvements in the form and matter of the present compilation. It is contemplated to issue a new edition of the Atlas, and any suggestions which may appear to the Government of Madras to be useful should be forwarded to the Government of India by the 1st of October next.

Order—dated 16th July 1888, Mis. No. 4144, Revenue.

Communicated to the Departments of the Secretariat and the several Heads of Departments under the Revenue Secretariat for the favor of any remarks they may have to offer.

2. The following distribution will be made of the 30 copies of the Statistical Atlas received from the Government of India:—

	Copies.
Public Department	6
Revenue Department	2
Military Department	5
Public Works Department	12
Commissioner of Salt, Abkári and Separate Revenue	3
Superintendent, Revenue Survey	1
Government Botanist	1
Total	30

(True Extract.)

(Signed) C. A. GALTON,
Ag. Secretary to Government.

To the Public, &c., Departments.
" the Public Works Department.
" the Military Department.
" the Commissioners of Land Revenue.
" the Commissioner of Separate Revenue.
" the Commissioner of Revenue Settlement, Land Records and Agriculture.
" the Inam Commissioner.
" the Government Botanist.
" the Superintendent, Revenue Survey.
" the Superintendent, Government Central Museum.

17

READ—also letter from E. THURSTON, Esq., Superintendent, Government Central Museum, dated Madras, 25th July 1888, No. 435.

ABSTRACT.—Reporting that the Museum is already in receipt of a copy of the Statistical Atlas of India, that he will be glad to get another if a new edition is being issued, and that he has no remark to offer towards the improvement of the present edition.

READ—also letter from M. A. LAWSON, Esq., Government Botanist and Director of Cinchona Plantations, Nílgiris, dated Ootacamund, 7th August 1888, No. 42.

ABSTRACT.—Informing that there is no remark to be offered regarding improvement in the form and matter of the present compilation of the Statistical Atlas of India.

READ—also the following Proceedings of the Board of Revenue (Land Revenue), dated 20th September 1888, No. 809 :—

H. S. THOMAS, ESQ., F.L.S., F.Z.S.
W. WILSON, ESQ., M.A., C.S.
THE HON. W. S. WHITESIDE.

Read—again Board's Proceedings, dated 1st August 1888, No. 668, communicating, for favor of remarks, Government Order on letter from Government of India regarding the distribution of the Statistical Atlas of India.

Read—also replies of certain Collectors to the foregoing.

Resolution—dated 20th September 1888, No. 809.

Such replies as have been received from Collectors to Board's Proceedings, dated 1st August 1888, No. 668, up to date are submitted to Government with reference to G.O., dated 16th July 1888, No. 4144, Revenue.

No suggestions are made, except that the Atlas might be got up in a more handy size and that statistics might be added under the following heads :—

Salt, abkári and opium.
Industries and manufacture.
Prices and wages.
Horticulture.
Sericulture.

The Board add the following :—

Chapter II.—Some reference to gold should be made and the new Dharwar series entered on the map.

Chapter V.—The diagram is useless for Madras. Separate lines should be added for two or three representative centres of this Presidency, showing the prices of the principal Indian food-grains and of special industrial crops, such as sugar, cotton and indigo.

In the railway map, difference in gauge should be shown.

Rivers should be shown in diagram, so that the comparative length of main rivers might appear and the total length of all rivers be known. If the tidal portions thereof could be distinguished, it would be a great assistance to any future fishery inquiries.

Simultaneously the Board have received from the Collector of Chingleput a suggestion that copies of the "Moral and Material Progress of India" for 1882-83 should be supplied to all Collectors and Divisional officers.

The matter is connected with that now under reference, in that the Board would add to the Statistical Atlas the following out of the excellent maps with which the "Moral and Material Progress" is furnished :—

Map V.—Languages and races.
" VII.—Military divisions.
" VIII.—Famines.
Map IX.—Meteorological.
" X.—Crops.

If this be done, the Statistical Atlas will contain the most valuable of the maps of the "Moral and Material Progress," and it will then suffice if one copy of the latter is supplied to each Collector's library : this the Board recommend for the sanction of Government.

(True Extract.)

(Signed) H. A. SIM,
Acting Secretary.

To the Secretary to Government, Revenue Department,
with Collectors' reports (11) in original, to be returned.

Copy to all Collectors.

READ—also Proceedings of the Board of Revenue (Revenue Settlement, Land Records and Agriculture), dated 11th October 1888, Mis. No. 3056.

ABSTRACT.—Recording in reference to Board's Proceedings specified Government Order, Revenue Department, communicating, for remarks, Government of India letter regarding the distribution of the Statistical Atlas of India.

READ—also the following Proceedings of the Board of Revenue (Land Revenue), dated 16th October 1888, Mis. No. 6150 :—

H. S. THOMAS, ESQ., F.L.S., F.Z.S.
THE HON. W. S. WHITESIDE.

Read—the following letter from the Collector of Nellore, dated 17th September 1888, No. 1306-Eng. :—

With reference to paragraph 2 of the letter from the Government of India, communicated with Board's Proceedings, dated 1st August 1888, No. 668, I have the honor to state that some of the following may be desirable :—

(*a*) The insertion of telegraph lines with the principal stations and the principal navigable canals in the railway map.
(*b*) The insertion of the more important zemindaris in the map of the Native States.
(*c*) Map showing the principal places of archæological interest in India, accompanied by some information in the text regarding the nature of the antiquities.
(*d*) Map showing the areas in which the principal Indian vernacular languages are spoken, the number of people speaking each language being inserted in the margin.
(*e*) Map showing the municipal towns in India, together with statistical information in the text regarding Local Self-Government.
(*f*) Map delineating the more important forests, marking the reserved tracts if possible.
(*g*) Some space to be devoted to a description of the chief industries of the country.

Resolution—dated 16th October 1888, Mis. No. 6150.

Submitted to Government in continuation of Board's Proceedings, dated 20th September 1888, No. 809.

Dr. Macleane's (*a*) is worthy of consideration; (*c*) and (*f*) would probably be difficult to show on a map in their present incomplete state.

(A true Copy and Extract.)

(Signed) H. A. SIM,
Acting Secretary.

To the Secretary to Government, Revenue Department.
Copy to the Collector of Nellore.

READ—also the following memorandum from Colonel H. R. MEAD, R.E., Chief Engineer, Public Works Department, dated 10th November 1888, No. 4390 C:—

Read—again G.O., dated 16th July 1888, No. 4144, Revenue.

Read—also the following papers:—

No. 93 R., dated 1st November 1888, from the Revenue Department.

Letter from the Superintending Engineer, VI Circle, No. 1307 T. J., dated 6th September 1888.

Letter from the Superintending Engineer, V Circle, No. 3095, dated 18th October 1888.

The replies from Superintending Engineers recorded above are the only papers received in this department making suggestions for the improvement of the Statistical Atlas. They will be transferred to the Revenue Department with reference to the orders in that department, No. 4144, dated 16th July 1888, and the subsequent reminder, dated 1st November 1888. Any further replies that may be received will be transmitted in due course.

ENCLOSURES.

From J. W. RUNDALL, Esq., M.I.C.E., Superintending Engineer, VI Circle, to the Chief Engineer, Public Works Department, dated Trichinopoly, 6th September 1888, No. 1307 T. J.

I have the honor, with reference to G.O., No. 2265 W., of the 25th July last, forwarding copies of the Statistical Atlas of India, 1886, and requesting that any suggestions regarding the improvement of the Atlas may be stated, to point out that in the table given with Chapter IV the names of the Madras systems are not correctly given.

2. I need not point out any particular errors, but I suppose that the figures given should be those relating to the Productive Public Works systems.

3. No other point seems to me to call for remarks.

From Colonel H. M. VIBART, R.E., Superintending Engineer, V Circle, to the Chief Engineer, Public Works Department, dated Bangalore, 18th October 1888, No. 3095.

With reference to G.O., dated 25th July 1888, No. 2265 W., I beg to state that it seems to me an useful addition to the Statistical Atlas of India would be a map showing the irrigation works in existence and in progress.

A map of this kind was prepared by the late Colonel Montgomerie, R.E., when he was Deputy Chief Engineer for Irrigation. This map showed by colors—

1st.—The area protected by completed or sanctioned works.
2nd.—Area protected by contemplated works.
3rd.—Area partly protected by tanks, &c., dependent on local rainfall.
4th.—Canals and channels in operation.
5th.—Canals under construction and proposed.
6th.—Boundaries of districts and railway lines.

1092

READ—also memorandum from the Military Department, dated 10th November 1888, No. 7480.

ABSTRACT.—Stating that the Military Department has no remarks to offer in regard to the Statistical Atlas of India, 1886.

READ—also the following letter from H. O'C. CARDOZO, Esq., Superintendent, Madras Survey, to the Secretary to Government, Revenue Department, dated Madras, 12th November 1888, No. 162 G.:—

Reference.—G.O., No. 4144, dated 16th July 1888, forwarding Statistical Atlas for suggestion as to improvement in form and matter.

I have the honor to submit the following suggestions for improvement in form and matter of a new edition of the Statistical Atlas of India, 1886.

1. Reduction to a more convenient size. The maps and diagrams could easily be reduced to half the present scale and would then measure 9 inches × 7½ inches.

2. At page 10, some mention of gold mines in the Madras Presidency with recent statistics regarding yield per ton of quartz might be given.

3. At page 48, the area of feudatory states in Central India should be given in square miles without decimals.

READ—also letter from the same officer, dated 16th November 1888, No. 166-G:—

ABSTRACT.—Submitting a reduction of one of the maps of the Statistical Atlas.

READ—also Proceedings of the Board of Revenue (Separate Revenue), dated 8th November 1888, No. 2040, Routine.

ABSTRACT.—Reporting to Government that the Board in the Separate Revenue Department have no suggestions to offer regarding improvements in the form and matter of the Statistical Atlas of India.

READ—also the following Proceedings of the Board of Revenue (Land Revenue), dated 23rd November 1888, Mis. No. 6905:—

THE HON. W. S. WHITESIDE.
THE HON. J. GROSE, M.A.

Read—the following letter from the Collector of Coimbatore, dated 7th November 1888, No. 3040:—

In reply to Board's Proceedings, dated 1st August 1888, No. 668, I have the honor to state that I have nothing to add to the Board's remarks in their Proceedings, dated 20th September 1888, No. 809, except that in the map headed "Physical Configuration" the Cauvery is wrongly shown as the Coleroon.

Resolution—dated 23rd November 1888, Mis. No. 6905.

Submitted to Government in continuation of Board's Proceedings, dated 20th September 1888, No. 809.

2. The upper or western portion of the river is called the Cauvery and is so named in all maps but No. 1. After its separation at the anicut, the northern branch

becomes the Coleroon river and is correctly shown as such in the map referred to, the continuation of the Cauvery river into the Tanjore district not being shown at all.

(A true Copy and Extract.)

(Signed) H. A. SIM,
Acting Secretary.

To the Secretary to Government, Revenue Department.
Copy to the Collector of Coimbatore.

Read—also letter from the Inam Commissioner, dated 29th November 1888, No. 458.

Abstract.—Stating that he has no remarks to offer regarding Statistical Atlas of India.

Read—also the following memorandum from the Public Works Department, dated 19th December 1888, No. 5139 C :—

Read—the following papers :—

From the Chief Engineer for Irrigation, dated 26th November 1888, No. 260.
From the Consulting Architect to Government, dated 26th November 1888, No. 1300.
From the Superintending Engineer, Periyár Project, dated 26th November 1888, No. 1216-P.R.
From the Superintending Engineer, II Circle, dated 28th November 1888, No. 378 G.L.
From the Consulting Engineer for Railways, dated 3rd November 1888, No. 421.
From the Superintending Engineer, III Circle, dated 10th December 1888, No. 1976.
From the Superintending Engineer, I Circle, dated 6th December 1888, No. 568 G.L.

Replies from all officers of the department to whom G.O., dated 16th July 1888, No. 4144, Revenue, was communicated have now been received. The replies from the Consulting Architect and the Superintending Engineer, Periyár Project, will be forwarded to the Revenue Department in continuation of this office No. 4390 C., dated 10th November 1888. The other officers consulted state that they have no remarks to offer.

To the Revenue Department,
with current Nos. 12182 and 12301.

Enclosures.

From J. W. BRASSINGTON, Esq., Consulting Architect to the Government of Madras, to the Chief Engineer, Public Works Department, dated Madras, 26th November 1888, No. 1300.

With reference to G.O., dated the 25th July 1888, No. 2265 W., I have the honor to suggest that the Atlas should be reduced to 8-vo. size, 7¾ × 5 inches. The maps are not in fuller detail than the maps in Bartholomew's Pocket Atlas which are only 6¼ × 4¾. At present the book can only be read with ease at a reading desk.

From Colonel J. PENNYCUICK, R.E., Superintending Engineer, Periyár Project, to the Chief Engineer, Public Works Department, dated 26th November 1888, No. 1216-P.R.

With reference to G.O., dated 25th July 1888, No. 2265 W., I have the honor to state that in my opinion the "Statistical Atlas" therewith forwarded leaves very much to be desired.

1192

2. It is not indeed clear what useful purpose it is likely to serve ; it is too bulky and too expensively got up for a popular account of the country and much too sketchy, brief and inaccurate for a scientific account.

3. The majority of the chapters produce the impression of having been written by authors well acquainted with one part of India and not with the whole, the natural result being that the sense of proportion is altogether lost.

4. The numerous maps, good of their kind as they undoubtedly are, are on too small a scale to be of real value, a single map on three or four times the scale would be of more practical use than the whole seven.

5. Perhaps however the worst blemish in the publication is its want of accuracy. Compare the areas of the various provinces given in "Egypts" in Chapter I and in square miles on pages 24, 28 and 32.

6. In the table at the end of Chapter IV the Buckingham Canal is included amongst irrigation canals.

7. Again in Chapter III (page 12) it is correctly stated that the isothermal lines "follow with somewhat striking fidelity the general form of the coasts and mountain frontiers," but in the maps attached to this chapter no attempt is made to adhere to this location of the lines, though the scale of the map is not too small to enable this to be done with some approach to accuracy; a map is worse than useless which professes to show isothermal lines and gives one such line (for the period March to May) passing through Baroda, Ootacamund and Madura and another passing through Naini Tal and Lahore.

Read—also letter from the Government of India, Revenue and Agricultural Department (General), dated 7th January 1889, No. 10 G.

Abstract.—Requesting to be favored with an early reply to communication regarding the Statistical Atlas of India.

Read—also the following G.O., dated 25th January 1889, No. 92, Public :—

Read—G.O., dated 16th July 1888, No. 4144, Revenue, regarding Statistical Atlas of India.

Order—dated 25th January 1889, No. 92, Public.

It is observed that the scope of the Atlas is too general to admit of any definite suggestions being offered for improving it. Very little information is furnished regarding the Madras Presidency as a whole. The following observations may, however, be made :—

Chapter I.—Physical Configuration.

(*a*) The lengths of the principal rivers and the heights of the chief mountain peaks, as compared with those of the British Isles, might be inserted.

(*b*) The chief river of the south should be called the *Cauvery*, not the *Coleroon* which is only a branch of it.

(*c*) Full information regarding the character of the surface in this Presidency will be found on page VIII of the statistical portion of the General Administration Report for 1887-88.

Chapter II.—Geology.

The last four lines convey a very inadequate idea of the geology of the Presidency, which will be found fully described in Volume II, Appendix III, of the Manual of the Administration of the Madras Presidency.

Chapter III.—Rainfall and Climate.

Nothing is said about *sanitaria* (*e.g.*, the Nílgiris, the Shevaroys, and the Palni Hills) or about artesian wells, or about the cyclones which recur regularly on the Madras coast.

Chapter VIII.—Area and Population.

Canarese is not at present the language of the Carnatic proper.

Chapter XI.—Finance.

A table might be added to show the incidence of taxation in each province, *e.g.*, under general revenues, municipal tolls, local cesses, &c.

Chapter XII.—Education.

The statistics under each sub-division for the several provinces might be given in a tabular statement, showing, for example, the results of the University examinations for a series of years in proportion to the population and the amount of expenditure incurred by Government in each province. A map may also be added showing in which parts education is most backward and in which most advanced.

General.

(i) The last map but one on *Minerals* might be improved with reference to Appendix VI of Volume II of the Manual of Administration.

(ii) A map might be added for the sea coast only, showing ports, light-houses, piers, harbours, rocks, shoals, &c.

(iii) Information regarding Indian architecture, inscriptions, &c., might be added; also statistics regarding the number of hospitals, dispensaries, choultries, &c., in each province (*vide* page LXXV of the Presidency Administration Report for 1887-88); also statistics of births and deaths and vaccination in the several provinces.

(iv) It would be interesting if the maps of the British Islands given on each sheet contained information similar to that of the Indian portion on a rough scale on each of the subjects dealt with.

(True Extract.)

(Signed) J. F. PRICE,
Chief Secretary.

To the Revenue Department.

Order—dated 20th March 1889, No. 205, Revenue.

Miscellaneous.

Ordered that the suggestions for the improvement of the Statistical Atlas made in the foregoing papers be submitted for the consideration of the Government of India in answer to their circular No. 53—32-23 G., dated 8th June 1888.

2. The reduction in the size of the maps proposed by the Superintendent of Revenue Survey does not commend itself to Government.

(True Extract.)

Secretary to Government.

To the Public, &c., Departments.
,, the Public Works Department.
,, the Military Department.
,, the Commissioners of Land Revenue.
,, the Commissioner of Separate Revenue.
,, the Commissioner of Revenue Settlement, Land Records and Agriculture.
,, the Inam Commissioner.
,, the Government Botanist.
,, the Superintendent, Revenue Survey.
,, the Superintendent, Government Central Museum.

Exd. A. D. Xavier.

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G.O., 20th March 1889, No. 205.

No. 1092 April 1889

SECRETARY TO GOVERNMENT, P.W. DEPARTMENT, MADRAS.
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Statistical Atlas of India.

Certain suggestions for the improvement of the — ordered to be submitted for the consideration of the Government of India.

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