

- (1) பக்கங்களின் எண்ணிக்கை 6
 (2) புதுக்கித் திருப்பிய நாள் 9/91
 (3) ஆதாரங்குறிப்பவர் சுருக்கொப்பம் [Signature]

தமிழ்நாடு ஆவணக் காப்பகம்.

தமிழ்நாடு அரசு

P. [Signature] துறை

அரசாணை எண். மு. கோப்புத் தாள் எண்.	2965	அச்சகம் பலவகை
நாள் :	26.10.1892	198.

மடிக்கவோ கண்டபடி கையாளவோ கூடாது

3 sheets

ஆவண, கா-1-18,000-15-0-87.

[Signature]

Wodeot

Dorking

Surrey Sept 14th

1905

My dear Sir,

Thank you for your letter of the 16th Ultimo which I ought to have acknowledged sooner, and for its enclosure.

Every week I meet with something which indicates that a new era about P. Works in India is at hand.

The late Survey of States, the G. O., the Newspapers, the Engineer papers and individuals are beginning to write the word Irrigation, and some even, Navigational, words which have been ignored for 30 years.

About the Karnool irrigation there is only one single point to be looked into, viz, the insane refusal of the people to use the water, a thing never dreamt of before or in any other district.

A very little tact would most certainly get over this difficulty, and the works would then return an ample interest to the Government and an enormous return to the people. Land is irrigated now in all those districts and why the people refuse to use this rich river water which fully renews the land without manure, as it has in Danjore for those sands of years, I can't imagine. This year 400,000 acres of river irrigated rice land, would have yielded at the present prices a crop of 60 lbs per acre, or 2½ million £, double the whole cost of the works. The wonderful thing is that 50 different papers I have seen about these works, not one has said a word about this point, the only thing in the whole question. The water would increase the produce of rice on 400,000 acres

Acres by 25 Rs at ordinary prices or 15 Rs in
800,000 acres of Chohum, in one crop, and
the river would supply two crops in the year.
States are reasonable beings and a man who
understands them would certainly get over this
absurd difficulty - I am glad to see you and
your friends are going into the subject of navigation
which is the grand thing for India, after using
the rich river water for irrigation. But it must
be taken up on entirely new grounds. Hitherto they
have been only trifling with it. The cost of the
Turnool Canal includes the great Aqueduct, the
Aqueduct, the deep cutting, and I think 400
feet height of lifting, which must be allowed
for in judging of other lines. The whole cost
of the 500 miles of steam boat navigation in
Godavery if charged with the whole cost of
the work, would be only 25,000 Rs a mile, and
much more than half of this was for the Aqueduct,
embankments, drains &c. for the irrigation.

What is wanted in respect of
navigation is effective steam boat canals of
10 or 12 feet deep and 30 or 40 yards broad, for
boats of 250 or 300 tons, to carry at 1/2 p per ton
mile or less. The Railways have done one good
thing; they have brought in a new standard of
expenditure per mile, which has only to be ap-
plied to Canals, and in a modified way.

They are making great efforts to
form a Co. in a vast scale for S. P. Works, in
London & I am sending them various projects
for their consideration.

The great work of all is Fischen's
Irrigation of 90 miles long.

If this executed the Madras
Pres. is made. From it your Canal
could be carried south to Seringapatam and
north to the Godavery watering at the same
time.

Time 2 or 3 million acres of rice or 8 or 10
of Chohum.

Believe me
Yours Sincerely,
(Signed) A. Cotton.

(True Copy) 2/29/65

W. Fraser Colonel. R. E.

Supg. Engineer 3rd

No.

Superintending Engineer's Office,
3RD CIRCLE.

Bellary _____ 189 .

FROM

3/29/95
Col A. J. Fraser R.E.
SUPERINTENDING ENGINEER,
IIIRD CIRCLE.

TO

THE Chief Engineer
P. W. D.
Madras

Sir,

Enclosures.

With reference to Government
order No. 2469 W dated 5th September
1892 I have the honor to forward
the copy of a letter received by last
mail from Sir Arthur Cotton bearing
on the subject of Irrigation and is
Irrigation Caneels, in case it may
be of use to record

I have the honor to be,
Sir,

Yours most obedt. Servant

A. J. Fraser R.E.
Super Engineer
3 Circle

From, P. W. CURRENT No. 10084
Col. C. C. Crater Esq.
The Superintending Engineer,
IIIrd Circle,
Bellary.

To, The Chief Engineer
P. W. S.
Madras

Dated 7th October 1892
Received 15.5

Enclosures. /

No. 7024

Subject.

Erratum to Navigation
Handbook.

Forwarding a letter regarding

L.O. No. 2167 Wd/5-9-92

In reply to 59-92.

No. 2965 Wd/26 October 1892

Recorded.

12.10.92

10.10.92

X

10/10/92

26.10.92

31/10. 10/10/92