Revenue (1897) Department.

MISCELLANEOUS SERIES.

G.O., No. 1614

DATED 25th March 97

[Despatch Abstract.]

Recording B.P. submitting copy of report recorded in B.P. 6453/11-12-96 regarding damage caused by the heavy rains in Wynaad during last June.

BACK PAPERS.

G O	No	Department.	Date.	G.O.	No.	Department.	Date.

FURTHER PAPERS.

G.O.	No.	Department.	Date.	G O.	No.	Department.	Date.

Revenue (1897) Department.

CURRENT No. 2386

The Hon. Mr Grose C.I.E

GOVERNMENT OF MADRAS
16 MAR 97
REVENUE DEPARTMENT

Number 25/3/97

Order No. 1614 misc dt 25 March 97

24/3/97

Recorded

From The Board of Revenue Revenue Settlement, Land Records and agriculture- Madras

No. 1872 Miscellaneous

Dated 12 March 1897.

Received

Registered

Enclosures

Spare copies

AR
16/3/97

SUBJECT.

Submitting to Government Copy of the report recorded in Board Proceedings No. 6453 (Revenue Settlement) dated 11-12-96 regarding the damages caused by the heavy rains in Wynaad during last June.

C. 18/3/97.

16/3/97.

BACK PAPERS.

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FURTHER PAPERS.

G.O.	No.	Department.	Date.	G.O.	No.	Department.	Date.

Revenue (1897) Department.

CURRENT No. 2 3[illegible]

The Hon. Mr Grose C.I.E

RECEIVED AT THE MADRAS SECRETARIAT
16 MAR 97
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FURTHER PAPERS.

G.O.	No.	Department.	Date.

Wynaad Overseer's Office
Vayitri 30th September 185

No. 262.

To

The Deputy Collector
Wynad
Through The District Engineer
District Board
Malabar.

Sir,

With reference to your letter reference No. 1500 Rev: dated 17th instant, calling on me for a report relating to the damages caused to the District and Taluk Board roads and bridges by the late floods, I beg to report that on the Tamaracherry ghaut of road No 4 from Calicut to Vayitri Especially in 33d and 34th miles numerous land slips happened in the months of June and July besides

beside erosion of the road in 3 places viz at $\frac{33}{4}$, $\frac{33}{6}$ and $\frac{33}{8}$. The removal of the land slips amounts to an Expenditure over Rs 1000. The revetting of the road in 3 places last referred to is estimated at Rs 4,400.

2. In two places of road No 38 from Vayittri to Eudalur viz at $\frac{3}{6}$ and $\frac{4}{4}$ the road was damaged to the extent of 60 and 75 feet respectively by a total collapse of the banks Caused by the unusual Springs and high floods. Revetting these places is estimated at Rs 2500.

3. Road No 4 from Chundale Junction to Mysore frontier was greatly cut up in many places owing to very heavy Springs Springs Caused on account of unusual rain and almost all such portions have now been repaired with annual maintenance grant. The rough stone dry backing to one side of an iron girder bridge in $\frac{49}{5}$ m was scoured out and collapsed but the bridge stands safe on iron piles inside the rough stone work. The rebuilding of the backing, although not estimated for will cost nearly Rs 300.

4. On road No 27 from Manantoddy to Tellicherry via Thalliad ghaut, a dangerous slip of the road in $\frac{19}{7}$ ghaut portion happened in July last, leaving no road. Estimated cost of building up this portion of road is Rs 675. Three of the wooden bridges, one in $\frac{10}{5}$ and the two in

in 17 were damaged. Before detailing the natures of the damages, I beg to point out that all wooden bridges on almost all the roads have planks to protect the banks from falling in and wooden or iron piles for beams to rest on. Out of the three bridges, one has rough stone abutments set dry. The platform of this bridge floated during the heavy floods and consequently the rough stone masonry was damaged. Two others had planks as described above and the earth behind was scoured out leaving wide gapes obstructing traffic. All the three bridges have been temporarily restored to traffic at a cost of Rs 16-8-a Permanent repairs will amount to Rs 500.

5. On road No 35 from Kallar junction to Nellpoya, the platform of a bridge at 5/5 floated twice this years during June and July carrying it a mile off, but brought back with great difficulty and labours at a cost of Rs 28-12-a. I am submitting an estimate for the thorough safety of the bridge during floods. The bridge is likely to be washed away every time there is a rise in the Panamaram rivers as it is situated in a flat close to it. The cost may come to Rs 200. Big Bundoor bridge at

at $\frac{10}{2}$. on the same road was also damaged by water forcing out the rough stone abutments on one side and the end span gave way. To restore traffic temporarily Rs 12 had to be spent. The cost of permanent repairs may roughly amount to Rs 500.

6. On road No 37 from Eddapatti junction to Kanian betta a wooden bridge in $\frac{4}{1}$ was damaged in the same way as the two bridges on road No 27. Bridge has been temporarily restored to traffic at a cost of Rs 28. Permanent repairs may amount to Rs 400.

7. On road No 31 from Vajitti to Taruvanapura Depot, 8 of the wooden bridges were damaged by

traffic at a cost of Rs 16-8-a
Permanent repairs will a
amount to Rs 500.

5. On road No 35 from
Kallar junction to Bolpoya,
the platform of a bridge at 5/5
floated twice this year during
June and July carrying it
a mile off, but brought
back with great difficulty
and labours at a cost of
Rs 28-12-a. I am submitting
an estimate for the thorough
safety of the bridge during
floods. The bridge is likely
to be washed away every
time there is a rise in the
Panamaram river as it
is situated in a flat close
to it. The cost may come to
Rs 200. Big Burdoor bridge
at

by the floods. Out of these bridges No 12 on Molina bridge in 2/7 has been thoroughly repaired as per estimate for Rs 525/- lately sanctioned by the Taluk Board. Bridges Nos 11 and 5 in 4/6 and 7/2 respectively have been put in order by R. K. Walker Esquire out of road allotment given to him. Five of the remaining bridges, those in 9/5 and 19/7 have not been put up, woodwork being unsafe, 3 others viz those in 18/4, 19/6 and 20/6 have been temporarily repaired at a cost of Rs 26-12-0. The reconstruction of these five bridges have been estimated for Rs 2300.

8. Naikatty bridge at 11/8 on road No 28 has been damaged

by a tree coming in contact with the centre piles and the piles have been shaken and thrown out of their plumb lines. The approaches either side formed of mere earth were washed away. Traffic is maintained by temporary repairs done to it out of road allotment. Cost of putting this in order may amount to Rs 50 or under.

7. In conclusion I beg to state that roads in many places have been much cut up and as I have no idea of Wynad roads before, I attribute unusual monsoon as one of the main reasons. A well sunk by the Taluk Board some years ago in Kalpetta bazaar is damaged by a collapse of the masonry. A well

well at Sultan's Battery constructed by a private individual has also suffered a similar damage.

I beg to remain &c

(Signed) M. Sankunnimenon

L. D. overseer.

Forwarded

(Signed) W. Maydon

District Engineer Dist Board

8-10-98.

(True copy)

(Signed) V. Rajagopalachari

for Collector

(True copy)

R. V. Srinivasiah

Secretary.

441
1313

Wynaad Deputy Collector's off
Manantoddy 30th October 185

No 247
Dis. R. 56

To
G. W. Dane Esquire
Collector of Malabar.
Calicut

Sir,

Adverting to your endorse-
-ment dated 20th August last Repres
on C. No 1937
P. 96, I have the honour
to state that the heavy floods
alluded to in my letter dated
13th July last No 192 occurred
on the 19th and 20th of June.

2. With regard to the damages
Caused to the coffee estates
by those floods, I beg to submit
herewith in a tabular form,
the substance of the replies of
such of the planters who were
kind enough to furnish me
with

with the necessary information,
as far as the Estates owned or
damaged by them are concerned.

3. Mr W. Mackinlay the proprietor
of the Muppanad and Manager
of certain other Estates near Nappadi
has written as follows:—

"I am unable to furnish you
with full particulars regarding
the damage done by the bad
weather in June, without reference
to the Owners of the properties
I have charge of. But I may
say that the damage has
been very serious; landslips,
bridges carried away, roads
destroyed, Coffee blown off the
trees, Coffee trees wind-wrung,
Shade trees destroyed and blown
down over the Coffee and causing
damage, and last but not
least the very heavy loss of

top

top soil which has been carried away by the heavy rain. Several of the estates under my charge gauged over 100 inches of rain in the month of June."

Mr Mackinlay promised to let me have particulars of damage sustained in his own estates but has not yet done so. Mr J. Bovey who is the owner of four estates has written thus:-

"In cultivation of course, damage has been done, such as washing out of plants, coffee berries blown and rubbed off the trees and trees smashed up by shade trees falling on them, pepper vines and cinchona trees blown down and destroyed. I don't think any one could form an estimate of damages, as the loss of crop is smashed up coffee-trees and pepper vines and cinchona trees would run

over

over a number of years, but the loss in coffee for coming crop would be in my opinion on all good coffee about ¼ cwt per acre. Pepper. I cannot say and most of that blown down with the standard it was growing on has gone for ever. And as I said before, the loss to coffee, pepper and cinchona would extend over a number of years; so in the long run, the loss is really a heavy one".

4. The owners or managers of the estates lying near Sultan's Battery have written to say that no damage to any appreciable extent has occured to their properties owing to the abnormal weather they had in June last.

5. Mr J. R. Malcolm, Resident manager of Messrs Parry and Co's estate on Vellavanala and Mrs

Mr L. N. Achard, Superintendant of the Rassalas Estate has replied to say that particulars of the damage caused to the properties in their respective charges have been communicated to you direct.

6. I have had no replies from the marginally named gentlemen in spite of reminders sent to them. I am however personally aware that one or two heavy land slips happened on Mr Stockins Tallawella Estate and that one of his bridges collapsed.

Mr C. E. Abbot
" J. S. Nicol
" J. W. Stockin
" D. Mackenzie

7. The accompanying copy of a report dated 30th Ultimo No 162, received from the Local fund overseer Wynad furnishes a full account of the damages sustained by the roads and bridges under the Taluk and District Boards.

I have &c

(Signed) J. H. Gwyne.
Deputy collector

No 2238
Pmk

True copy with copy of the Enclosures submitted

submitted to the Board of Revenue,
Revenue Settlement Land Records and
Agriculture with reference to Board's
Proceedings No. 3970 Dis. dated 12th
August 1876.

(signed) V. Rajagopalachari

Malabar collector's Office, Calicut 10th Nov. 1876 } for collector

(True copy)

R. V. Srinivasan
Secretary

KM 13/3

2235

8. R. K. Walker Esqr.	Chembra	Loss of 3 tons of crop blown off Rs 5000	Damage to coffee trees from jungle trees blown down Rs 2000.		Damages to revetments of road Rs 900.	
	Peringodda	crop blown off the trees Rs 2100.	Loss of 3 acres of Liberian coffee Rs 900	A pucka Cattle pen blown down	Many bridges carried away.	The indirect loss caused by loss of surface soil is enormous, but incalculable.
	Cullor	Crop blown off Rs 5000				
9. M. D. Taylor Esqr.	Vengacotta	"	Loss of coffee trees by shade trees being blown down and breaking them Rs 3500.	"	"	"
10. Captain H. Carslake	Coorchi malla	Loss of crop about ¼ of a ton	Half acre of coffee destroyed by four land slips. Two acres of plants washed out of their pits.		One bandy bridge and several foot bridges have been carried away.	
	Banglitode	"	"	"	Two bridges destroyed	
11. C. J. Puddicombe Esqr.	Nemonie	Loss of crop about half a ton Rs 860	Fifty coffee trees washed away. Value Rs 25. Coffee trees broken by the falling of shade trees Valued at Rs 50		The planked decks of two foot bridges and a Cart road bridge washed away. The timber work subsequently removed.	
12. Mrs Lemosmy	Mangaladd	Coffee 50 Bushels also rotten in the				

Abstract of the replies received from planters in Wynaad giving particulars of the damages caused to Coffee Estates by the heavy wind and rain in June 1896.

Name of planters or Superintendents	Name of Estate	Estimated loss of crop in tons or value or both.	Estimated loss of or damages to coffee trees with probable number and value and how caused.	Loss or damage to buildings and their value	Loss or damage to bridges and their estimated value.	Other losses and Remarks
1. R. Lamb Esq.	Panora	crop blown off by wind 6 tons - Rs 10000	Land slips in coffee Rs 1000 — " — "	"	"	
	Erumakolli	"	"	Bursting of reservoir and other damages to Tea factory Rs 500.	"	
	Meemtil	Loss of crop by wind Rs 1000 —	"	Coffee stores and cherry Left washed away - Rs 1000 —		
2. J. H. Powell Esq.	Ellimbilery	Loss of coffee crop will amount to several tons.	Several acres of coffee destroyed by land slips.	One permanent cooly line completely destroyed. One had its roof blown off and one was partly covered up by a land slip. Other coffee buildings also suffered heavily.	Nearly all the bridges were swept away.	Three coolies were killed by one of the land-slips. A large number of shade trees were blown down. Loss of top soil incalculable.
	Andi Tode	"		Buildings partly smashed in by fallen branches. Damage Rs 50 —		
3. H. D. Hunter - Botham Esq.	Coottanmudie	"	A great number of young plants have been washed out. Loss Rs 400	"	one large timber bridge 32 span damaged and two small ones gone altogether. Damage Rs 150.	Hundred of tons of good surface soil washed away.
4. B. Malcom Esq.	Churab Mulla	Loss of crop by wind alone 1/4 of a ton valued at Rs 350. Prospective loss (97-98) 3½ tons worth about Rs 4500 on a new clearing of 47 acres owing to severe damage to the trees.	"	"	"	"
5. C. A. Mackenzie Esq.	Kadura and Mangala carp	"	newly planted clearings having been destroyed by the force of the water had the replants of the new plants thrive with the aid of a favourable north-East monsoon the loss may amount to Rs 1500, but if the north-East monsoon turns out to be unfavourable the plantings will prove a failure entailing the loss of a large amount of money and of a years labour.	Two or three sets of Cutcha lines and stabling have been blown down or injured.		Though the damages sustained have not been slight, yet it is difficult to assess them at a money value.
6. H. Hazenwiler Esq.	Cottanad	Coffee Rs 150 — — — Pepper 1 Jon 350 —	coffee trees 500 Rs 250 — Pepper vines 400 Rs 200 —	A temporary building blown down.	"	"
7. W. J. Wright Esq.	Perindotty	"	"	"		A newly constructed dam which cost Rs 2500 was carried away by the force of the water.

(Sett. 24—2,000—29-10-96.)

REVENUE BOARD OFFICE MADRAS.

Proceedings of the Board of Revenue

(Revenue Settlement, Land Records and Agriculture.)

Dated 12th March 1897.

No. 1872 Mis:

Read Memorandum from Government dated 5th March 1897 No 41.R.

Resolution.

Copy of the report recorded in Board's Proceedings No 6453 (Revenue Settlement) dated 11th December 1896 will be submitted to Govt. -ment with reference to its Memorandum read above.

(True Extract)

P. V. Srinivasa
Secretary.

To The Secretary to Government Revenue Department with copy of the report.

KHD 13/3

3341 15-3-97.

Cardamom crop during Excessive rain.

(Signed) J. H. Garnie.

True copy/ Deputy Collector 30-10-96.

(Signed) V. Rajagopalachari for collector

True copy/

P. V. Srinivasa
Secretary.

When given for copying ____
When copied ____
When examined ____
When signed ____
} 189 .

READ AGAIN G.O., No. 189 , DATED

CURRENT No.

ENCLOSURES TO C. No.

ORDER OF GOVERNMENT	...	...	A	A	A	A	A	A	A
LETTER OF GOVERNMENT									
STATEMENT DITTO									
PAPERS NOT FILED UP, BEING MEANT FOR DESPATCH IN ORIGINAL.									

N.B.—
A = Copy in full.
B = Not to be copied.
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Q = Copy heading only