M.R.O. 1—77,000—8-6-31.

(1) Number of pages 3

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MADRAS RECORD OFFICE.

Government of Madras.

Public Works DEPARTMENT.

G.O. No. 529 Press / Mis.

426-27

Dated 22-2 1869.

Not to be folded or roughly handled

No. 426. Read the following letter from the Deputy Consulting Engineer for Railways, to the Secretary to Government, Public Works Department, dated Madras, 6th February 1867, No. 30 :—

1. I have the honor to forward the Returns* of Accidents on the Railways in this Presidency for the year 1866, and to state that they have been prepared in accordance with the forms circulated by the Government of India.

* Five in number.

2. As directed in paragraph 6 of Circular from the Government of India, dated 11th October 1866, No. 20, the Engine Mileage has been inserted in Return No. 2. The information furnished by the Railway authorities shows that the Engine and Train Mileage is the same on the Madras Railways. On the Great Southern of India Railway, however, there is a slight difference.

3. These Returns would have been submitted sooner, had the necessary information regarding the number of Passengers, Mileage, &c., been received from the Railway authorities at an earlier date.

TABLE No. I.

Return of the number and nature of the Accidents and the Injuries to life and limb which have occurred on all the Madras and Great Southern of India Railways, open for Traffic during the year 1866.

Date.	Nature and cause of Accidents.	Classification of Accidents to Trains, &c. — Main heads. I. Collisions.	II. Getting off proper line.	III. Fire.	IV. Running over cattle.	V. Other causes.	Sub-heads. Distinguishing letter of Column in Return No. 3.	Passengers. From causes beyond their own control. Killed.	Injured.	From their own misconduct and want of caution. Killed.	Injured.	Servants of Companies or of Contractors. From causes beyond their own control. Killed.	Injured.	From their own misconduct or want of caution. Killed.	Injured.	Other Persons. Whilst crossing at level crossings. Killed.	Injured.	Whilst trespassing, including suicide. Killed.	Injured.	Miscellaneous. Killed.	Injured.
1866.	*Madras Railway.*																				
7th Jan.	An engine and two carriages were thrown off the line near the Mullapoorum Station from running over some pot-sleepers and chairs which had been placed upon the rails.	...	1	...	...	...	*a*	...	...	...	...	...	...	...	...	...	...	...	...	...	...
17th Feb.	Three carriages attached to a train ran off the line at Coopum Station, in consequence of the points having been reversed.	...	1	...	...	...	*j*	...	...	...	...	...	...	...	...	...	...	...	...	...	...
23rd Feb.	An engine came into collision with a part of the train on the Ballapully bank.	1	...	...	...	...	*l*	...	...	...	...	...	...	...	...	...	...	...	...	...	...
19th March	A cooly fell off a trolly conveying stones, and had his left leg fractured.	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...
25th March	An old woman threw herself on the rails on the approach of a train, and was killed.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...
4th May	A Cleaner attempting to cross the line between two engines while one was in motion, was jammed between the buffers.	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...
7th July	A waggon attached to a train got off the line at the west points at the Salem Station.	...	1	...	...	...	*j*	...	...	...	...	...	...	...	...	...	...	...	...	...	...
27th July	A villager run over and killed on the Bangalore Branch.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...
7th Aug.	A Native run over and killed on the Bangalore Branch.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...
13th Aug.	An engine attached to a train got off the line near Yerragoontla Station.	...	1	...	...	...	*c*	...	...	...	...	...	...	...	...	...	...	...	...	...	...
18th Aug.	Five vehicles of a train got off the rails near the east points at Luckady Station.	...	1	...	...	...	*c*	...	...	...	...	...	...	...	...	...	...	...	...	...	...
29th Sept.	A Contractor's cooly assisting in pushing empty trucks at Avenashy Station, was run over and killed.	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...
6th Oct.	A Native woman while crossing the Pennar bridge on the South-West Line was knocked down by a train and killed.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...
15th Oct.	A Native, who was asleep between the rails on South-West Line, was run over and killed.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...
14th Nov.	Three waggons attached to a train were thrown off the line at the Chinnamapett Station.	...	1	...	...	...	*c*	...	...	...	...	...	...	...	...	...	...	...	...	...	...
29th Nov.	A Native run over by a train near Cuddapah Station.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...
15th Dec.	A Porter endeavouring to stop a carriage while being shunted at Bangalore Station was jammed between buffers and embankment.	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...
		1	6	...	...	...	...	...	...	...	...	...	1	3	...	...	6	...	...	...	...

TABLE No. I.—(*Concluded.*)

Return of the number and nature of the Accidents and the Injuries to life and limb, &c.—(*Concluded.*)

Date.	Nature and cause of Accidents.	Classification of Accidents to Trains, &c.						Passengers.				Servants of Companies or of Contractors.				Other Persons.					
		Main heads.					Sub-heads.	From causes beyond their own control.		From their own misconduct and want of caution.		From causes beyond their own control.		From their own misconduct or want of caution.		Whilst crossing at level crossings.		Whilst trespassing, including suicide.		Miscellaneous.	
		I. Collisions.	II. Getting off proper line.	III. Fire.	IV. Running over cattle.	V. Other causes.	Distinguishing letter of Column in Return No. 3.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.
	Fire. 1. On the 14th June 1866, a waggon, attached to a Goods Train, was found to be on fire. The fire was extinguished without any appreciable amount of damage being done. 2. On the 17th August, a waggon, attached to a mixed train, caught fire. The waggon was slightly damaged. 3. On the 16th August, a waggon do. do. was on fire. The waggon was slightly damaged.	...	...	...	...	...	a	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1866. 15th Dec.	*Great Southern of India Railway.* Porter engaged in uncoupling trucks at Trichinopoly Station fell under a waggon and had his leg broken.	...	...	...	...	...		...	...	...	...	...	1	...	...	...	...	...	...	...	...

MADRAS,
31*st January* 1867.

(Signed) H. N. D. PRENDERGAST, Major, R. E.,
Deputy Consulting Engineer for Railways.

	Madras.		Great Southern of India.		Total.		
Passengers.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed and Injured.
From causes beyond their own control, viz.							
From accidents to trains	...	...	...	...	...	...	...
From other causes	...	...	...	...	...	...	...
Total number ...	...	...	...	...	...	...	...
Per million of Passengers	...	...	...	...	...	...	...
From their own misconduct or incaution ...	...	...	...	...	...	...	...
Per million of Passengers	...	...	...	...	...	...	...
Total from all causes ...	...	...	...	...	...	...	...
Servants of Companies and of Contractors.							
From causes beyond their own control ...	...	...	...	...	...	...	...
From their own misconduct or incaution ...	1	3	...	1	1	4	5
Total from all causes ...	1	3	...	1	1	4	5
Other Persons.							
Crossing at level crossings	...	...	...	...	...	...	...
Trespassers including suicide	6	...	...	...	6	...	6
Miscellaneous...	...	...	...	...	...	...	...
Total from all causes ...	6	...	...	...	6	...	6
Grand Total of all classes from all causes...	7	3	...	1	7	4	11
Mean length of Railway open during the year, miles.	625		83		708		
Number of Passengers carried	1,865,840		439,781		2,305,621		
Engine Mileage (Goods and Passengers) ...	1,321,154		185,553		1,507,707		
Number of Servants employed	8,515		1,004		9,519		

MADRAS,
31*st January* 1867.

(Signed) H. N. D. PRENDERGAST, Major, R. E.,
Deputy Consulting Engineer for Railways.

TABLE No. II.

Numerical Abstract of Accidents to persons of all classes on the Madras Railways, open for Traffic during 1866.

TABLE No. III.

Numerical Abstract of Accidents to Trains, &c., on open Lines of Railway in the Madras Presidency during 1866, showing their causes and the number of persons killed and injured thereby.

Nature of Accidents.	Number of Accidents.	Number of Passengers.		Number of servants of Companies and of Contractors.		Other persons not passengers or servants of Companies or of Contractors.		Total number of servants, passengers, and others.		Classification of Accidents.													
										Apparently unavoidable or not accounted for.	Defects in Rolling Stock, or Road and Works.			Neglect or defects in management or discipline.							Improper interference by persons not under the control of the Company.	Malicious acts of persons not under the control of the Company.
		Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.		Rolling Stock.	Road and Works.	Fences.	Locomotive Department.	Guard.	Traffic Department.	Working Signals and Telegraph.	Pointsmen.	Gatemen & Police.	Workmen employed on Line.		
										a	*b*	*c*	*d*	*e*	*f*	*g*	*h*	*i*	*k*	*l*	*m*	*n*
Madras Railway (645 miles open.)																						
I. Collisions	1	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...
II. Getting off proper line ...	6	...	...	...	...	...	...	...	...	...	...	3	...	...	...	...	...	2	...	...	...	1
III. Fire	3	...	...	...	...	...	...	...	...	3	...	...	...	...	...	...	...	...	...	...	...	...
IV. Running over cattle ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Total ...	10	...	...	...	...	...	...	...	...	3	...	3	...	1	...	...	...	2	...	...	...	1
Great Southern of India Railway (127 miles open.)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Nil.																						

MADRAS,
31st January 1867.

(Signed) H. N. D. PRENDERGAST, Major, V. C., R. E.,
Deputy Consulting Engineer for Railways.

TABLE No. IV.

Showing the total number of Accidents of all kinds to Trains, &c., on the Madras Railways, open for Traffic during the year 1866.

Presidency.	Length of Railway open.	Total number of Accidents to Trains, &c., of all kinds.	Total number of Passengers carried.	Average number of Passengers per mile open.	Passengers.		Servants. Beyond Our control.		Servants. Within Our control.		Trespassers.		Total.		
					Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed and Injured.
Madras	772	7	2,305,621	2,987	...	...	...	...	1	4	6	...	7	4	11
Total ...	772	7	2,305,621	2,987	...	...	...	...	1	4	6	...	7	4	11

MADRAS,
31*st January* 1867.

(Signed) H. N. D. PRENDERGAST, Major, V. C., R. E.,
Deputy Consulting Engineer for Railways.

Classified Abstract of Accidents to Servants of Companies and of Contractors.

		Madras.			
		Madras Railway.		Great Southern of India Railway.	
		Killed.	Injured.	Killed.	Injured.
I.	From causes beyond their own control, viz.,—				
(a)	*Servants employed on Trains in motion.*				
	1. Collisions	.....	.....	.....	.....
	2. Trains running into sidings or off their proper line through points being wrong	.....	.....	.....	.....
	3. Trains and Engines getting off rails ...	.....	.....	.....	.....
	4. Accidents arising from defects in Rolling Stock	.....	.....	.....	.....
	5. Miscellaneous	.....	.....	.....	.....
	Total...	.....	.....	.....	.....
(b)	*Servants employed in Stations or on Line.*				
	1. Run over or crushed between buffers while coupling or uncoupling carriages or waggons...	.....	.....	.....	.....
	2. Run over while shunting trains	.....	.....	.....	.....
	3. *Do.* or struck while properly performing other duties	.....	.....	.....	.....
	4. Miscellaneous	.....	.....	.....	.....
	Total...	.....	.....	.....	.....
II.	From incaution or misconduct, viz.,—				
(a)	*Servants employed on Trains in motion.*				
	1. Collisions	.....	.....	.....	.....
	2. Attempting to get upon or off, or falling from engines or carriages in motion ...	.....	1	.....	1
	3. Miscellaneous	.....	.....	.....	.....
	Total...	.....	1	.....	1
(b)	*Servants employed in Stations or on Line.*				
	1. Crushed between buffers, or run over while coupling or uncoupling carriages or waggons...	.....	.....	.....	.....
	2. Run over or struck while shunting trains.	1	1	.....	.....
	3. Do. do. while incautiously crossing, standing, or working upon Railway	.....	1	.....	.....
	4. Miscellaneous	.....	.....	.....	.....
	Total...	1	2	.....	.....
	Grand Total...	1	3	.....	1
	Train Mileage	1,321,154		182,653	

Madras,
31*st January* 1867.

(Signed) H. N. D. PRENDERGAST, Major, v. c., r. e.,
Deputy Consulting Engineer for Railways.

Proceedings of the Madras Government, Public Works Department,
22*nd February* 1867.

No. 427. Order thereon, 22nd February 1867, No. 529.

RAILWAY, No. 33.

Ordered that these papers be forwarded to the Government of India:—

(Here enter No. 530, dated 22nd February 1867.)
(True Extract.)

Colonel, R. E.,
Secretary to Government.

To the Consulting Engineer for Railways.

PUBLIC WORKS DEPARTMENT.
FORT SAINT GEORGE,
22nd February 1867.

No. 530.

No. 428.
To

THE SECRETARY TO THE GOVERNMENT OF INDIA,
PUBLIC WORKS DEPARTMENT.

SIR,

RAILWAY, No. 34.

I have the honor, under the orders of the Right Honorable the Governor in Council, to forward the Returns of Accidents on the Railways in this Presidency for the year 1866.

I have the honor to be,
Sir,
Your most obedient servant,
(Signed) CHARLES A. ORR, Colonel, R. E.,
Secretary to Government.

Railway Department. CONSULTING ENGINEER'S OFFICE,

No. 21-

From

Major R. A. D. Prendergast R.E.
Dy Consulting Engineer for Railways,

To

Colonel L. A. Orr R.E.
Secretary to Government,
Public Works Department,
Fort Saint George.

SIR,

I have the honor to forward the Returns of Accidents on the Railways in this Presidency for the year 1866, and to state that they have been prepared in accordance with the Forms circulated by the Government of India.

5 in Number.

2 As directed in paragraph 6 of Circular from the Government of India dated 11 October 1866, N° 20, the Engine Mileage has been inserted in Return N° 2. The information furnished by the Railway Authorities shows that the Engine

and

and Drain Acts of the South Eastern
Railway Co. the Great North of
Railway Company, have the Honour to
3. Direct Notice would have been
given sooner but the necessary information
ing the number of Passengers, Sheep &c
received from the Railway Authorities
date —

Audrosse
6 February
1865

Francis Fowler
Secretary

Office

Railway Department.

From

The Consulting Engineer
for Railways,

To

The Secretary to Government,
Public Works Department,
Fort Saint George.

Dated [illegible] 186[illegible]

Received [illegible] 186[illegible]

No. [illegible]

Subject [illegible]

Sir,

I have the honor to forward herewith the Return of Accidents on the [illegible] Railway for the month of [illegible] 186[illegible]

I have the honor to be,
Sir,
Your most obedient
humble Servant,

[illegible]

Madras, the 8th Feby 1864.

II

Train accidents or Misconduct

(a) Servants employed on Trains in motion

1	Collisions			
2	Attempting to get upon or off or falling from Engines or Carriages in motion		1	1
3	Miscellaneous			
	Total		1	1

(b) Servants employed in Stations or on Line

1	Crushed between buffers or run over while Coupling or uncoupling Carriages or wagons			
2	Run over or struck while shunting trains	1	1	
3	Run over or struck while incautiously crossing, standing or working upon Railway		1	
4	Miscellaneous			
	Total	1	2	
	Grand Total	1	3	1

Train Mileage 12,21,154 182,653

Madras
31st January
1864

Assistant Engr. in charge
Deputy Consg. Engr. for Rys.

Table No 1

Return of the number and nature of the Accidents and the injuries to Life & Limb which have occurred on all the Madras & Great Southern of India Railways open for traffic during the year 1866.

Date	Nature and Cause of Accidents	Classification of Persons subject to Train Fee.						Passengers.						Servants of Company or of Contractors						Other Persons					
		Train Head			Pub lic																				
		I Children above 3 and under 12 years of age.	II Private Servants.	III Native Servants.	IV Native Servants.	V Officers, Conductors, Guards, Engine Drivers, Firemen, Artificers, Coolies, Sweepers, &c.		Killed by accidents to Trains		Injured by accidents to Trains		Killed from Natural causes whilst Travelling in Trains		Injured from Natural causes whilst Travelling in Trains		Killed by accidents to Trains		Injured by accidents to Trains		Killed from Natural causes whilst Travelling in Trains		Injured from Natural causes whilst Travelling in Trains		Killed by Miscellaneous causes.	
1866.		Madras Railway.																							
January	7th An Engine and two carriages were thrown off the Line near the Mullapooram Station from running over some pot Sleepers and Chairs which had been placed upon the Rails					1																			
February	17th Three carriages attached to a train ran off the Line at Coopum Station, in consequence of the points having been reversed.					1																			
"	22nd An Engine came into collision with a part of the train on the Ballapalle bank.					1																			
March	19 A coolie fell off a Trolly conveying stones and had his left leg fractured																	1							
"	25 An old woman threw herself on the Rails on the																								

Part II.

Numerical Statistical Accidents to persons of all classes on the Madras Railways &c. &c. for Traffic during 1875.

	Madras		Great Southern of India		Total	
Passengers	Killed	Injured	Killed	Injured	Killed	Injured
From Causes beyond their own Control	"	"	"	"	"	"
From Accidents to Trains	"	"	"	"	"	"
From other Causes	"	"	"	"	"	"
Total number	"	"	"	"	"	"
Per million of Passengers	"	"	"	"	"	"
From their own misconduct or incaution	"	"	"	"	"	"
Per million of Passengers	"	"	"	"	"	"
Total from all Causes	"	"	"	"	"	"
Servants of Companies and of Contractors						
From Causes beyond their own Control	"	"	"	"	"	"
From their own misconduct or incaution	"	3	1	1	4	5

Table No. III

Numerical Abstract of Accidents to Trains &c. on Open Lines of Railway in the Madras Presidency during 1866, showing their Causes and the number of Persons Killed and injured thereby —

Name of Accidents	Number of Accidents	Number of Passengers killed	Number of Passengers injured	Number of Servants of Company or Contractors killed	Number of Servants of Company or Contractors injured	Other persons killed	Other persons injured	Total number killed	Total number injured	Approximate Money amount of property destroyed or not accounted for	Classification of Accidents: Defects in Road, Bridges & Works	Defects in Rolling Stock	Neglect or Defects in Management or discipline	Fires	Explosions	Drowning	Explosions and Collisions	Miscellaneous causes	Causes not ascertained	Causes not specified in the Returns
										a	b	c	d	e	f	g	h	i	k	l
Madras Railway (645 Miles Open)																				
I Collisions	1													1						
II Getting off proper line	6											3						2		1
III Fire	3									3										
IV Running over Cattle	"																			
Total	10									3		3		1				2		1
Great Southern of India Railway (127 miles Open)																				
Nil																				

Madras
31st January 1867

Examined and Map & Rl.
Dy Consulting Engineer for Railways

0874 25/69

Table N° IV.

Showing the total number of Accidents of all Kinds to Trains &c on the Madras Railways open for Traffic during the Year 1868 —

	Length of Railway open	Total number of Miles run by Trains &c on all Kinds of Roads	Total number of Passengers carried	Average number of Passengers per mile run	Passengers killed	Passengers injured	Servants Beyond own Control killed	Servants Beyond own Control injured	Servants within own Control killed	Servants within own Control injured	Trespassers killed	Trespassers injured	Total killed	Total injured	Total killed & injured
Presidency —															
Madras —	117½	7	230621	2987	"	"	"	"	1	4	6	"	7	4	11
Total —	117½	7	230621	2987	"	"	"	"	1	4	6	"	7	4	11

Madras
31st January 1869

R. H. Rundall Major R.E.
Consulting Engineer for Railways

4 Accidents

Classified Abstract of Accidents to Servants of Companies and of Contractors

Madras

	Madras Railway		Great Southern of India Railway.	
	Killed	Injured	Killed	Injured
I From Causes beyond their own Control viz:				
(a) Servants employed on Trains in motion				
1 Collisions	"	"	"	"
2 Trains running into sidings or off their proper Line thro' points being wrong	"	"	"	"
3 Trains and Engines getting off rails	"	"	"	"
4 Accidents arising from defects in Rolling stock	"	"	"	"
5 Miscellaneous	"	"	"	"
Total	"	"	"	"
(b) Servants employed in Stations or on Line				
1 Run over or crushed between buffers while coupling or uncoupling Carriages or waggons	"	"	"	"
2 Run over while shunting Trains	"	"	"	"
3 Run over or struck while properly performing other duties	"	"	"	"
4 Miscellaneous	"	"	"	"

Public Works Department.

No. 539

PROCEEDINGS of the MADRAS GOVERNMENT.

Read the following

From Mr. Consulting Engineer for Railways

(Here enter No. 30 dated 6th Feby 1867)

Ordered that these papers be forwarded to the Government of India (No. 530) to the Secretary to the Govt. of India Pub. Wks. Dept.

Sir

I have the honor, under the orders of the Right Honorable the Governor-in-Council, to forward the Returns of Accidents on the Railways in this Presidency for the year 1866.

The Consulting Engineer for Railways

No. 30

dated 25th Jan. 1867

Received 6th Feby 1867

Entered 20th Feby 1867

Sent to Govt. 22nd Feby 1867

Pub: Works 1867 Department

Pro: of Govt. for February

No. 529 & 530

Pro: of the Madras Govt.

Dy 22d February 1867

Passing orders on a letter from the Deputy Com. Inspecting Engineer for Railways forwarding the Returns of Accidents on the Railways in the Madras Presidency for 1866.

No. 426-427 & 428

Mc Stocky 11/08-1867