

Public Works (1896) Department.

RAILWAY BRANCH.

G.O., No. 446. R

DATED 18th May

[Despatch Abstract.]

Late Trains - Statement of - on the
South Indian Railway including Mangalore
Mutafet section for the quarter ended
the 31st March 1896, recorded with remarks.

BACK PAPERS.

[illegible]

FURTHER PAPERS.

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

No. 446 R., 18TH MAY 1896.

GOVERNMENT OF MADRAS.
PUBLIC WORKS DEPARTMENT.

Railway.

Read the following paper :—

Read the following paper:—

Statement of late trains on the South Indian Railway, including Máyavaram-Mutupet section, for the quarter ended the 31st March 1896.

[Statement.

STATEMENT of late trains on the South Indian Railway, including Mayavaram-Mutpet section, for the quarter ended 31st March 1896.

No.	Description.	January 1896.										February 1896.										March 1896.										Average for the quarter.		
		Number of trains.					Percentage of late trains.					Number of trains.					Percentage of late trains.					Number of trains.					Percentage of late trains.							
		Late (minutes).					Total minutes.					Late (minutes).					Total minutes.					Late (minutes).					Total minutes.							
		Above 15 minutes.	Above 30 minutes.	Above 60 minutes.	Above 90 minutes.	Total.	Above 15 minutes.	Above 30 minutes.	Above 60 minutes.	Above 90 minutes.	Total.	Above 15 minutes.	Above 30 minutes.	Above 60 minutes.	Above 90 minutes.	Total.	Above 15 minutes.	Above 30 minutes.	Above 60 minutes.	Above 90 minutes.	Total.	Above 15 minutes.	Above 30 minutes.	Above 60 minutes.	Above 90 minutes.	Total.	Above 15 minutes.	Above 30 minutes.	Above 60 minutes.	Above 90 minutes.	Total.			
15.	Madras and Tuticorin .. (Mail)	62	1	7	11	4	1	24	1,218	38.70	58	4	16	5	4	2	30	1,169	51.72	62	2	12	3	3	..	20	616	32.26	40.89					
28.	Do. do. .. (Do.)	62	..	11	8	1	1	16	766	25.80	58	11	12	5	2	..	30	791	51.72	62	3	4	..	..	1	8	273	12.90	30.14					
31.	Do. do. .. (Do.)	62	..	2	..	..	..	..	44	8.22	58	1	1	..	..	..	2	34	8.45	62	..	1	..	..	..	1	18	1.61	2.76					
13.	Madras and Chingleput (Mail and Mixed)	62	..	..	..	..	..	..	..	..	58	..	3	1	..	..	4	103	6.89	62	1	..	..	..	2	56	8.22	4.44						
25.	Beach to Villupuram and Villupuram to Madras .. (Mixed)	62	..	1	..	1	2	171	3.22	58	..	3	1	..	..	..	4	103	6.89	62	1	..	..	..	2	56	8.22	4.44						
56.	Beach and Pallavaram .. (Passenger)	62	..	1	..	..	..	1	17	1.61	58	..	..	..	..	..	..	..	..	62	..	..	..	..	..	..	..	..	..	..	..	..	..	
211.	Madras and Pallavaram .. (Do.)	62	1	..	..	..	..	1	15	1.61	58	..	2	..	..	..	2	42	8.45	62	..	..	..	..	..	..	..	..	..	..	..	..	1.69	
212.	Do. do. .. (Do.)	62	1	8	5	..	1	13	733	20.97	58	1	5	2	..	..	8	224	13.79	62	2	4	2	..	1	9	341	14.51	16.42					
40.	Fort (Mixed)	62	3	12	11	1	..	27	866	43.55	58	2	15	3	1	..	21	537	36.20	62	3	11	4	..	..	18	424	29.03	36.26					
145.	Mayavaram and Negapatam .. (Do.)	62	4	6	2	..	..	12	291	19.35	58	3	7	2	..	1	13	379	29.41	62	2	13	4	..	..	19	486	30.65	24.14					
107.	Dharmavaram and Pakala .. (Do.)	62	1	2	..	..	..	..	527	8.06	58	2	2	1	..	..	5	111	8.62	62	..	2	..	..	..	2	40	3.22	6.63					
89.	Nellore and Villupuram .. (Do.)	62	..	1	..	1	..	2	106	3.22	58	3	3	1	1	..	8	231	13.79	62	..	4	..	..	..	4	74	6.45	7.82					
97.	Do. do. .. (Do.)	62	..	..	..	..	..	..	35	1.61	58	1	..	..	..	..	1	15	1.72	62	..	1	..	..	..	1	30	1.61	1.65					
100.	Pondicherry to Nellore .. (Do.)	62	..	..	..	..	..	..	35	1.61	58	1	..	..	..	..	1	15	1.72	62	..	1	..	..	..	1	30	1.61	1.65					
86.	Rangana and Tirupati West .. (Do.)	62	..	..	..	..	..	..	51	5.00	58	1	1	..	..	..	2	44	8.45	62	..	3	..	..	..	3	54	4.84	4.43					
93.	Do. do. .. (Do.)	62	1	2	..	..	..	..	35	1.61	58	..	1	..	..	..	1	25	1.72	62	..	1	..	..	..	1	29	1.61	1.65					
94.	Do. do. .. (Do.)	62	..	1	..	..	..	..	131	4.84	58	..	2	2	..	..	4	137	6.89	62	1	3	8	1	..	8	261	12.90	8.21					
111.	Chingleput and Arkonam .. (Do.)	62	..	2	1	..	..	..	35	3.22	58	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1.07		
112.	Do. do. .. (Mail)	62	..	..	..	..	..	..	..	..	58	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1.15		
113.	Do. do. .. (Do.)	62	1	..	..	..	..	..	..	..	58	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		
123.	Pondicherry and Villupuram (Mail and Mixed)	62	1	..	..	..	..	2	35	3.22	58	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		
144.	Do. do. .. (Do.)	62	..	..	..	..	..	..	..	..	58	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		
132.	Pondicherry and Villupuram (Mail and Mixed)	62	1	..	..	..	..	..	..	..	58	1	1	..	..	..	2	31	3.45	62	2	2	..	..	..	4	8	6.45	4.91					
141.	Villupuram to Pondicherry .. (Do.)	62	..	..	..	..	..	..	..	..	58	1	1	..	..	..	2	31	3.45	62	2	2	..	..	..	4	8	6.45	4.91					
141.	Negapatam and Tanjore (Mixed and Mail)	62	..	1	..	1	1	3	313	4.84	58	1	1	..	..	..	2	31	3.45	62	2	2	..	..	..	4	8	6.45	4.91					
146.	Do. do. .. (Mixed)	62	..	2	4	..	..	6	255	9.68	58	3	4	6	1	..	14	505	24.13	62	2	4	..	..	..	6	198	9.68	14.50					
43.	Negapatam and Madura .. (Mixed)	62	..	2	4	..	..	6	255	9.68	58	3	4	6	1	..	14	505	24.13	62	2	4	..	..	..	6	198	9.68	14.50					

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153. Negapatam and Tanjore .. (Mail)	62	1	1	..	..	..	2	42	8.22	58	1	..	..	..	1	15	1.72	62	..	1	1	..	..	2	51	8.22	2.72	
156. Trichinopoly Junction and Erode (Do.)	62	1	..	..	..	..	1	15	1.61	58	1	1	..	1	3	108	5.17	62	..	..	..	1	..	1	78	1.61	2.98	
184. Do. do. .. (Do.)	62	..	3	1	..	..	4	94	6.45	58	..	1	1	..	1	3	176	5.17	62	2	2	..	..	4	77	6.45	6.02	
179. Do. do. .. (Do.)	62	..	..	..	..	..	..	..	..	58	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		
193. Maniyáchi and Tinnevely .. (Mail and Mixed)	62	..	..	..	..	..	..	..	..	58	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		
201. Do. do. .. (Mail and Mixed)	62	..	..	..	..	..	..	..	..	58	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		
204. Do. do. .. (Mixed)	62	..	..	..	..	..	..	..	..	58	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		
197. Do. do. .. (Mixed and Mail)	62	5	..	..	..	..	5	75	8.06	58	1	..	..	..	1	15	1.72	62	6	..	..	..	..	6	90	9.65	6.49	
200. Do. do. .. (Mixed and Mail)	62	3	..	..	..	..	3	45	4.84	58	..	..	..	..	..	..	..	..	..	..	..	..	..	8	130	12.90	5.91	
205. Do. do. .. (Mixed and Mail)	62	4	3	..	..	..	7	125	11.29	58	1	2	5	..	8	291	13.79	62	2	2	2	..	1	7	260	11.29	12.12	
213. Dharmavaram and Pakala .. (Mixed)	62	..	1	..	..	..	1	21	1.61	58	..	1	..	..	1	30	1.72	62	..	..	..	..	..	..	..	..	1.11	
216. Mayavaram and Negapatam .. (Do.)	62	..	5	1	..	..	6	137	9.68	58	1	1	..	..	2	31	3.45	62	2	1	..	..	..	3	49	4.84	6.99	
219. Do. and Mutpet .. (Do.)	62	..	1	1	..	..	2	69	3.22	58	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1.07		
223. Do. and Tiruválár .. (Do.)	62	..	1	1	..	..	1	22	1.61	58	..	1	..	..	1	16	1.72	62	1	3	..	..	..	4	74	6.45	3.26	
225. Do. and Negapatam .. (Do.)	62	..	1	..	..	..	1	..	..	58	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..		
226. Tiruválár and Mutpet .. (Do.)	62	..	4	..	..	..	6	111	9.68	58	2	1	1	..	4	80	6.89	62	2	4	1	..	..	7	147	11.29	9.29	
234. Total ..	1,948	29	73	44	9	7	162	6,355	8.31	1,827	41	82	35	10	4	172	5,154	9.41	1,953	41	74	25	5	3	148	3,908	7.57	8.43

(Signed) C. T. R. SCOVELL,
for Offg. Consulting Engineer for Railways.

MADRAS,
13th May 1896.

ORDER—No. 446 R., dated 18th May 1896.

Recorded.

2. During the quarter under review 8.43 per cent. of all trains ran late, showing an increase over the corresponding quarter of 1895 in which the percentage was 7.54. Of the percentage of 8.43, 3.04 per cent. is attributable to trains being obliged to slacken speed at places where the permanent-way was being renewed, thus causing delay at meeting stations.

3. The trains chiefly at fault were—

Madras and Tuticorin (two mails).
Villupuram and Trichinopoly Fort (mixed).
Mayavaram and Negapatam (mixed).
Dharmavaram and Pakala (two mixed).
Negapatam and Madura (mixed).
Tiruválúr and Mutupet (mixed).

(True Extract.)

Under Secy. to Govt., P.W.D.,
Railway Branch.

To the Agent, South Indian Railway.

RAILWAY.

Govt. of {1896} Madras.

PUBLIC WORKS.

Dated May, 18th.

Recd.

Encl.

G.O. No. 446 R., 18th May 1896.

MAY.

Late Trains

Statement of — on the South Indian Railway including Mayavaram-Mutupet section for the quarter ended the 31st March 1896, recorded with remarks.

FROM

THE AGENT,

South Indian Railway,
Trichinopoly,

TO

THE CONSULTING ENGINEER
FOR RAILWAYS,
Madras.

Dated 5th } March 1896.
Received }

No. 210

ENCLOSURE. 1.

The undersigned has the honor
to forward herewith the Abstract
and Return of late trains
on the South Indian, and
Mayavaram-Mutupet
Railways for the month of
January 1896.

M. S. Meenakshi
and by Book for Agent.
M. S.

Govt. of 1896 Madras.

ABSTRACT AND RETURN OF LATE TRAINS
for the month of January 1896.

Statement of — on the South Indian Railway including Mayavaram-Mutupet section for the quarter ended the 31st March 1896, recorded with remarks.

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SOUTH INDIAN RAILWAY.
RETURN OF LATE TRAINS.
Abstract for January 1896.

Description and Number.	LATE MINUTES.						Total minutes late.	Percentage of late trains.	Remarks.
	Above 15 and not exceeding 30 mts.	Above 30 and not exceeding 60 mts.	Above 60 and not exceeding 90 mts.	Above 90 mts.	Total.				
No. 13462 Madras and Chingleput <u>mail</u> 62	2	.	.	.	2	44	3.22		
15428 Madras and Tuticorin <u>mail</u> 62	7	11	4	1	24	1218	38.70		
31414 <u>do</u> and <u>do</u> <u>do</u> 62	11	3	1	1	16	766	25.80		
25458 Beach to Villupuram & Villupuram to Beach <u>goods</u> 62	.	1	.	1	2	171	3.22		
35456 Beach and Pallavaram <u>Passenger</u> 62	1	.	.	.	1	17	1.61		
21142 Madras and Pallavaram <u>do</u> 62	1	.	.	.	1	15	1.61		
Carried over...	2	21	15	5	3	46	2231	12.36	

Down trains.	15 mts. late.	30 mts. late.	60 mts. late.	90 mts. late.	In excess of 90 mts. late.	Total in month late.
No. 62 train	.	.	.	.	.	.
" 28	.	2	2	.	1	3
" 44	.	.	.	.	1	3
" 58	.	.	.	.	1	1
" 56	.	.	.	.	.	.
" 212	1	.	.	.	.	1
" 40	1	4	5	.	.	10
" 45	.	1	6	1	.	8
" 2	.	1	4	.	.	5
" 88	.	.	.	.	.	.
" 94	1	1	.	.	.	.
" 90	1	1	.	.	2	4
" 100	.	1	.	1	.	2
" 110	4	2	.	.	.	6
" 214	3	1	.	.	.	4
" 116	.	.	.	.	.	.
" 112	.	.	2	1	1	3
" 144	.	.	.	.	.	.
" 132	.	.	.	.	.	.
" 146	.	1	.	1	1	2

ABSTRACT OF LATE TRAINS.

ABSTRACT OF LATE TRAINS.									
Description and Number.	LATE MINUTES.						Total minutes late.	Percentage of late trains.	Remarks.
	15 minutes.					Total.			
	Above 15 and not exceeding 30 mts.	Above 30 and not exceeding 60 mts.	Above 60 and not exceeding 90 mts.	Above 90 mts.					
Brought forward ...	372	21	15	5	3	46	2231	12.36	
No. 1440 Villupuram and Tiruchirappalli	62	1	5	1	13	733	20.97		
" 4145 Mayavaram and Koyamputur	62	3	12	1	27	856	43.53		
" 4342 Koyamputur and Madurai	62	2	4	1	6	255	9.68		
" 85488 Pongalur and Tirupattinam	57	1	1	1	1	35	1.61		
" 93494 do and do	60	1	2	1	3	51	5.00		
" 89490 Kollam and Villupuram	62	1	2	2	5	527	8.06		
" 97400 Kollam to Villupuram & Pondicherry	62	1	1	1	2	106	3.22		
" 107400 Dharmavaram and Pudukkottai	62	4	6	12	291	19.35			
" 213424 do and do	62	4	3	7	125	11.29			
" 11446 Pongalur and Arakonam	62	1	1	1	35	1.61			
" 113412 do and do	62	2	1	3	131	4.84			

By drivers 144.84, time lost by fault 904.84.
Faulty trains at junctions 395.44.
31 fault trains to time at Pudukkottai 13.26 miles.
31 trains. 31.00 faulted on the average

Down trains.		15 mts. late.	30 mts. late.	60 mts. late.	90 mts. late.	In excess of 90 mts. late.	Total in month late.
No. 156 train		1	1				2
" 184							3
" 190			2	1			
" 198							
" 200							
" 204							
" 208		1					1
" 216							
" 220		1	1				1
" 218			1				1
" 226							
" 234		1	4				5
Up trains.		15 mts. late.	30 mts. late.	60 mts. late.	90 mts. late.	In excess of 90 mts. late.	Total in month late.
No. 13 train		2					2
" 15		1	9	4			21
" 31		9	3	1			13
" 25			1				1
" 35		1					1
" 211							
" 1		2	1				3

Defective Buenos account for 1054 rub, listed as loco 799 rub, time lost
detention at Raudamungabau by Customs no rub and waited one foreign
The summing of Rs. 85,88,93,794 Rupees of 1½ and 65 Rupee of 2½ January were
Notes. — Reserve to Kishan & Indubati are Madanben (Rupee) Rs. 14,154.
Rate summing enlarged considerably with purchasing Rupee rice branch.
Percentage of rate Rupee to the extent of 2-7½.

* 123 & 144 Pondicherry aus Velluram	nail thips	62	1	.	.	.	2	35	3.22
* 132 Velluram to Pondicherry	wid.	31	.	.	.	.	.	.	.
* 141 + 146 Regapattam aus Tanjore	wid thip	62	1	.	1	1	3	313	4.84
* 153 & 156 do and do	nail	62	1	.	.	.	2	42	3.22
* 169 & 184 Tricky J and Coroll	do	62	1	.	.	.	1	15	1.61
* 179 & 170 do and do	do	62	3	1	.	.	4	94	6.45
* 193 & 198 Kanyasali aus Tirunelveli	nail thips	62	.	.	.	.	.	.	.
* 197 & 200 do and do	wid thip	62	5	.	.	.	5	75	8.06
* 201 & 204 do and do	nail thips	62	.	.	.	.	.	.	.
* 205 & 208 do and do	wid thip	62	3	.	.	.	3	45	4.84
* 215 & 216 Mayansan aus Regapattam	kys	62	1	.	.	.	1	21	1.61
* 219 & 220 do and Kuttipet	do	62	5	1	.	.	6	137	9.68
* 223 & 218 do and Tiruvolu	do	62	1	1	.	.	2	69	3.22
* 225 & 226 do and Regapattam	do	62	1	.	.	.	1	22	1.61
* 235 & 234 Tiruvolu and Kuttipet	do	62	2	4	.	.	6	111	9.68
Total ...	1948	29	73	44	9	7	162	6355	8.31

SOUTH INDIAN

Return of late trains for the

Return of late trains for the								
Date.	No. of Trains.	Proper time of arrival.	Actual time of arrival.	Late minutes.	Down trains.			
					Cause of detention.			
1896								
January	1	28	18	55	19	49	54	Detained at meeting stations, waited on loco and time lost by caution signals.
	90	21	55	0	24	149		Detained at meeting stations and transshipping Passengers at Breads $\frac{266}{2}$ mile.
	100	10	35	11	52	77		Detained at meeting stations and transshipping Passengers &c at Breads $\frac{266}{2}$ mile & shunting.
	234	17	30	17	46	16		Inwards train late in.
	2	14	8	10	8	26	16	Time lost by caution signals and waited on loco.
	40	20	30	20	47	17		Detained at meeting stations & Passengers.
	145	18	20	18	57	37		Time lost by caution signals and detained at meeting stations.

late trains.

Up trains.									
Date.	No. of Trains.	Proper time of arrival.		Actual time of arrival.		Late minutes.		Cause of detention.	
1896.									
January	1	15	10 30	11 29	59	Passengers, detained at meeting stations and time lost by caution signals.			
		31	18 10	19 7	57	Waited on loco, detained at meeting stations and time lost by caution signals.			
		41	13 30	13 57	27	Detained at meeting stations and time lost by caution signals.			
		219	14 50	15 8	18	Detained at meeting stations.			
	2	15	10 30	10 45	15	Passengers, time lost by caution signals and waited on loco.			
		89	21 45	22 6	21	Detained at meeting stations, shunting and time lost by Caution signals.			
		93	16 55	17 13	18	Detained at meeting stations and time lost by Caution signals.			
		107	11 50	12 8	18	Detained at meeting stations.			
	3	13	8 15	8 34	19	Detained at meeting stations.			
		15	10 30	11 30	60	Waited on loco, detained at meeting stations and time lost by Caution signals.			
		31	18 10	18 31	21	Waited on loco, time lost by Caution signals and shunting.			
		41	13 30	14 7	37	Loading and unloading B pods.			
		219	14 50	15 14	24	Time lost by Caution signals and detained at meeting stations.			
	4	15	10 30	11 45	75	Waited on loco, time lost by Caution signals & detained at meeting stations.			
		25	21 20	21 56	36	Detained at meeting stations.			
		31	18 10	18 30	20	Waited on loco & time lost by Caution signals.			

SOUTH INDIAN Return of late trains for the

Down trains.						Cause of detention.
Date.	No. of Trains.	Proper time of arrival.	Actual time of arrival.	Late minutes.		
1896.						
January	2	214	12 30	12 45	15	Detained at meeting stations.
	3	28	18 55	22 3	188	Time lost by caution signals, waited on loco and engine defective.
		234	17 30	17 54	24	Inwards train late in and shunting.
	4	40	20 30	21 18	48	Detained at meeting stations and shunting.
		145	18 20	19 2	42	Time lost by caution signals and detained at meeting stations.
	7	2	18 0	18 54	54	Detained at meeting stations and time lost by caution signals.
						Time lost by drivers shunting.
	9	40	20 30	20 53	23	Passengers and time lost by caution signals.
		156	23 40	23 55	15	Detained at meeting stations and shunting.
	10	40	20 30	20 45	15	Detained at meeting stations and time lost by caution signals.
		90	21 55	22 14	19	Detained at meeting stations and time lost by caution signals.

late trains.

Up trains.						Cause of detention.
Date.	No. of Trains.	Proper time of arrival.	Actual time of arrival.	Late minutes.		
1896.						
January	4	41	13 30	13 47	17	Detained at meeting stations.
		93	16 55	17 13	18	Detained at meeting stations and time lost by caution signals.
	5	15	10 30	11 29	59	Passengers, detained at meeting stations and time lost by caution signals.
		31	18 10	18 33	23	Heavy loading of luggage and time lost by caution signals.
		213	23 50	0 9	19	Waited on loco and R. pods.
	6	15	10 30	11 27	57	Passengers, detained at meeting stations and time lost by caution signals.
		41	13 30	13 52	22	Detained at meeting stations.
		93	16 55	17 10	15	Detained at meeting stations and time lost by caution signals.
	7	15	10 30	11 33	63	Detained at meeting stations, time lost by caution signals and waited on loco.
	8	15	10 30	10 50	20	Waited on loco, and time lost by caution signals.
		41	13 30	13 47	17	Detained at meeting stations and time lost by caution signals.
		225	21 15	21 37	22	Shunting, time lost by caution signals and detained at meeting stations.
	9	31	18 10	18 32	22	Heavy loading of parcels, waited on loco and time lost by caution signals.
		205	18 35	18 50	15	Waited at Maraypalli for the arrival of mail from Madras.

SOUTH INDIAN Return of late trains for the

Down trains.						Cause of detention.
Date.	No. of Trains.	Proper time of arrival.	Actual time of arrival.	Late minutes.		
1896						
January	11	90	21 55	3 18	323	Engine defective.
	100	10	35	11 4	29	Detained at meeting stations.
	145	18	20	19 5	45	Time lost by caution signals and detained at meeting stations.
	234	17	30	17 45	15	Inwards train late in.
12	2	18	0	18 52	52	Detained at meeting stations and time lost by Caution signals of drivers.
	40	20	30	21 19	49	Detained at meeting stations.
	145	18	20	18 57	37	Time lost by caution signals and detained at meeting stations.
	220	15	5	15 26	21	Detained at meeting stations.
	234	17	30	17 55	25	Inwards train late in.
13	90	21	55	22 10	15	Detained at meeting stations.
	145	18	20	18 57	37	Time lost by caution signals and detained at meeting stations.

late trains.

Up trains.						Cause of detention.
Date.	No. of Trains.	Proper time of arrival.	Actual time of arrival.	Late minutes.		
1896						
January	10	15	10 30	11 29	59	Detained at meeting stations, waited on loco and time lost by caution signals.
	41	13	30	14 7	37	Detained at meeting stations and time lost by caution signals.
	11	15	10 30	10 49	19	Detained at meeting stations, waited on loco and time lost by Caution signals.
	41	13	30	14 10	40	Detained at meeting stations, shunting and time lost by Caution signals.
	219	14	50	15 12	22	Time lost by Caution signals and detained at meeting stations.
12	1	17	5	17 25	20	Shunting and detained at meeting stations.
	41	13	30	14 26	56	Detained at meeting stations and time lost by Caution signals.
	219	14	50	15 26	36	Detained at meeting stations & shunting.
	223	16	30	16 50	20	Detained at meeting station and time lost by Caution signals.
	13	41	13 30	14 5	35	Detained at meeting stations, shunting and time lost by Caution signals.
	16	43	19 5	19 33	28	Time lost by drivers, waited on loco and detained at meeting stations.
	123	2	40	3 0	20	Detained at Kandamangalam by Customs.
	205	18	35	18 50	15	Waited at Maniyachal for the arrival of mail from Madras.
	17	15	10 30	11 24	54	Heavy loading of luggage, waited on loco, detained at meeting stations and time lost by Caution signals.

SOUTH INDIAN Return of late trains for the

late trains.

Down trains.

Up trains.

Date.	No. of Trains.	Proper time of arrival.	Actual time of arrival.	Late minutes.	Down trains.	Cause of detention.
January	13	170	11 40	12 13	33	Waited at Erode for Madras Ry train.
	14	110	0 25	0 50	15	Detained at meeting Stations.
	15	40	20 30	20 48	18	Detained at meeting Stations and loading Rs goods.
		110	0 35	0 50	15	Detained at meeting Stations.
	16	170	11 40	12 5	25	Waited at Erode for Madras Ry train.
		108	17 3	17 18	15	Engine defective.
	17	214	12 30	13 0	30	Detained at meeting Stations and Shunting.
	18	14	8 10	8 32	22	Time lost by caution signals, Passengers and detained at meeting Stations.
		40	20 30	21 20	50	Shunting and detained at meeting Stations.
		112	8 45	9 22	37	Waited at Arkonam for Madras Ry train.

Date.	No. of Trains.	Proper time of arrival.	Actual time of arrival.	Late minutes.	Cause of detention.
1896.					
January 17	107	11 50	12 28	38	Waited at Dharmavaram for S. M. Ry train, and time lost by drivers.
	197	10 50	11 5	15	Waited at Manjachi for the arrival of mail from Madras.
	235	20 45	21 0	15	Detained at meeting stations.
18	15	10 30	11 30	60	Detained at meeting stations, waited on loco & time lost by Caution signals.
	107	11 50	12 19	29	Waited at Dharmavaram for S. M. Ry train, shunting and Rs goods.
19	1	17 5	17 25	20	Detained at meeting stations.
	13	8 15	8 40	25	Detained at meeting stations.
	41	13 30	13 47	17	Detained at meeting stations and time lost by Caution signals.
	169	11 45	12 0	15	Waited at Trichy J for the arrival of mail from Madras.
	213	23 50	0 6	16	Shunting and waited on loco.
	215	6 27	6 48	21	Waited at Mayavaram for the arrival of mail from Madras.
20	31	18 10	19 31	81	Engine defective and time lost by Caution signals.
	41	13 30	13 45	15	Detained at meeting stations and time lost by Caution signals.
	197	10 50	11 5	15	Waited at Manjachi for the arrival of mail from Madras.
	213	23 50	0 5	15	Shunting, Passengers, and time by drivers.

SOUTH INDIAN Return of late trains for the

Down trains.						Cause of detention.
Date.	No. of Trains.	Proper time of arrival.	Actual time of arrival.	Late minutes.		
1896						
January 18	156	23 40	0 7	27		Detained at meeting stations and time lost by caution signals.
19	2	18 0	18 52	52		Detained at meeting stations.
	40	20 30	21 20	50		Detained at meeting stations and shunting.
	110	0 35	0 50	15		Detained at meeting stations.
	112	8 45	9 16	31		Waited at Arkonam for Madras Ry train.
	146	7 50	8 7	17		Detained at Tanjore for the arrival of mail from Madras.
	170	11 40	11 58	18		Waited at Erode for Madras Ry train.
20	110	0 35	0 50	15		Detained at meeting stations.
22	214	12 30	12 45	15		Detained at meeting stations and waited on loco.

late trains.

Up trains.						Cause of detention.
Date.	No. of Trains.	Proper time of arrival.	Actual time of arrival.	Late minutes.		
1896						
January 21	15	10 30	11 33	63		Detained at meeting stations, waited on loco and time lost by caution signals.
	31	18 10	18 35	25		Waited on loco and time lost by caution signals.
	41	13 30	13 52	22		Detained at meeting stations, shunting and time lost by caution signals.
	197	10 50	11 5	15		Waited at Maniyachchi for the arrival of mail from Madras.
22	15	10 30	11 30	60		Detained at meeting stations, waited on loco and time lost by caution signals.
	107	11 50	12 50	60		Waited on loco and time lost by drivers.
23	15	10 30	11 36	66		Detained at meeting stations, waited on loco and time lost by caution signals.
	31	18 10	18 43	33		Detained at meeting stations and time lost by caution signals.
	41	13 30	13 57	27		Detained at meeting stations, shunting and no loco.
	85	6 5	6 40	35		Waited at Perambalur for Madras Ry train.
	111	12 0	12 35	35		Inwards train late in.
24	15	10 30	10 46	16		Detained at meeting stations and time lost by caution signals.
	41	13 30	13 45	15		Shunting, loading and unloading and time lost by caution signals.
	141	4 0	7 33	213		Engine defective and time lost by drivers.
25	15	10 30	10 52	22		Detained at meeting stations and time lost by caution signals.

SOUTH INDIAN Return of late trains for the

Down trains.								
Date.	No. of Trains.		Proper time of arrival.		Actual time of arrival.		Late minutes.	Cause of detention.
1896								
January	23	40	20	30	20	53	23	Detained at meeting stations and shunting.
	112	8	45	7	48	63		Detained at Arkonam for Madras Express.
	145	18	20	18	44	24		Time lost by caution signals, shunting and detained at meeting stations.
25	2	18	0	18	52	52		Detained at meeting stations and time lost by caution signals.
	146	7	50	9	13	83		Engine defective.
	218	7	50	10	39	49		Detained at meeting stations.
26	234	17	30	17	46	16		Inwards train late in.
27	110	0	35	0	51	16		Detained at meeting stations.
28	110	0	35	0	55	20		Detained at meeting stations.
29	14	8	10	13	20	310		Train stopped at $17\frac{1}{2}$ mile between Kuttalam and Mayavaram owing to the

late trains.

Up trains.									
Date.	No. of Trains.	Proper time of arrival.	Actual time of arrival.	Late minutes.	Cause of detention.				
1896.									
January	25	31	18 10	18 32	22	Detained at meeting stations and time lost by caution signals.			
	123	2	40	2 55	15	Detained at meeting stations.			
26	15	10	30	10 50	20	Detained at meeting stations and time lost by caution signals.			
	31	18	10	18 30	20	Detained at meeting stations and time lost by caution signals.			
	41	13	30	14 0	30	Shunting and time lost by caution signals.			
	107	11	50	12 10	20	Shunting and waited on loco.			
	219	14	50	15 6	16	Time lost by caution signals and detained at meeting stations.			
27	15	10	30	10 50	20	Waited on loco and time lost by caution signals.			
	41	13	30	13 54	24	Shunting and loading Road side goods.			
29	31	18	10	19 7	57	Detained at meeting stations and time lost by caution signals.			
	41	13	30	13 47	17	Detained at meeting stations and time lost by caution signals.			
	197	10	50	11 5	15	Waited at Mayavaram for the arrival of mail from Madras.			
30	1	16	35	22 35	360	Detained at meeting stations owing to the derailment of Bogie Female 3rd class carriage between Mayavaram & Kuttalam.			
	15	10	30	11 20	50	Detained at meeting stations, waited on loco and time lost by caution signals.			
	31	18	10	18 27	17	Waited on loco and time lost by caution signals.			

SOUTH INDIAN Return of late trains for the

Down trains.

Date.	No. of Trains.	Proper time of arrival.	Actual time of arrival.	Late minutes.	Cause of detention.
1896					
January 29	114				the derailment of Bagai Female 3 rd Class Carriages.
28	18	55	19	34	39 Time lost by Caution Signals and detained at meeting Stations.
145	18	20	19	47	87 Detained at meeting Stations and time lost by Caution Signals.
30	2	18	0	18	17 Detained at meeting Stations.
40	20	30	21	10	40 Detained at meeting Stations and time lost by Caution Signals.
58	12	35	14	50	135 Waited at Stations owing to interruption of Telegraphic Communications.
145	18	20	19	12	52 Time lost by Caution Signals and detained at meeting Stations.
212	19	45	20	0	15 Detained at meeting Stations.

late trains.

Up trains.

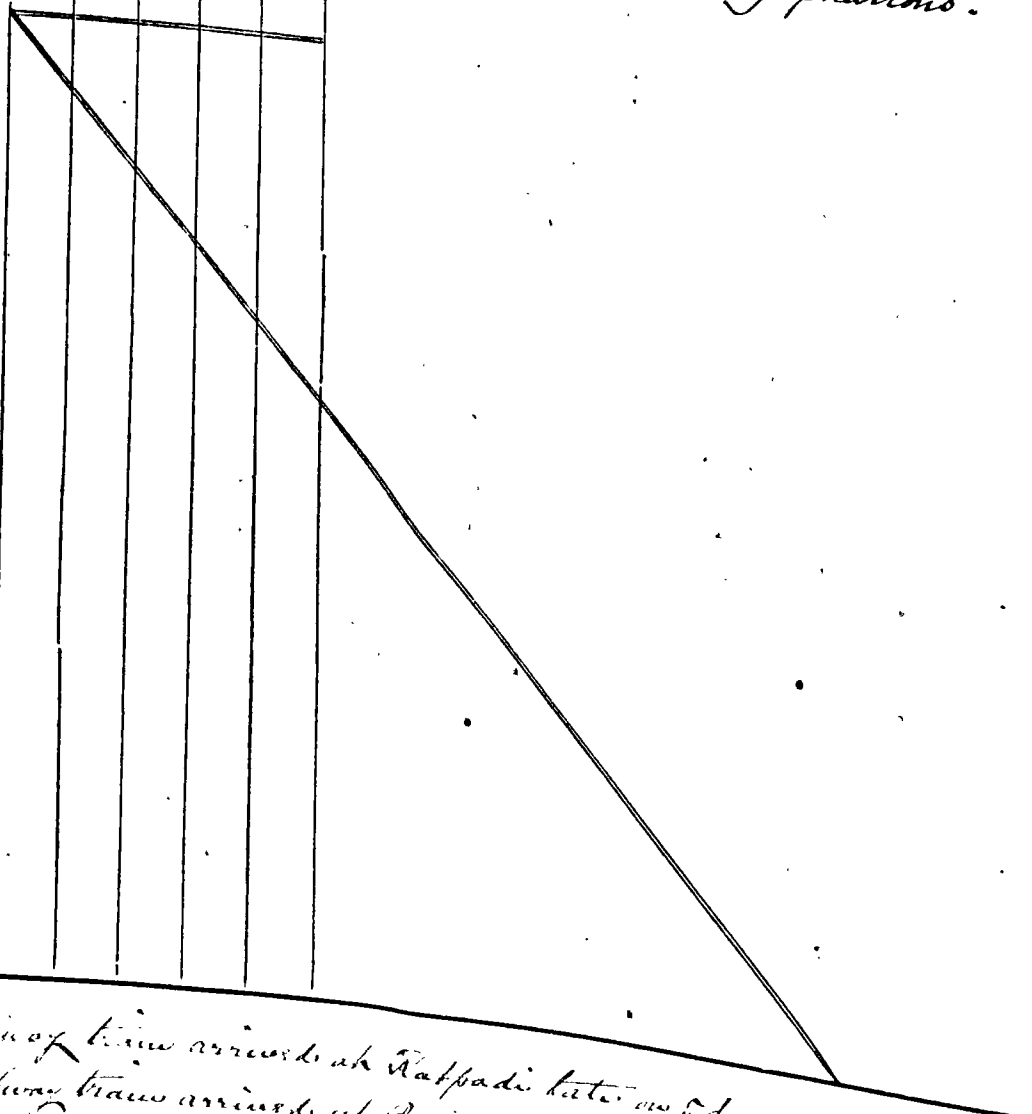
Date.	No. of Trains.	Proper time of arrival.	Actual time of arrival.	Late minutes.	Cause of detention.
1896					
January 30	35	18	38	18	55 17 Detained at meeting Stations.
	41	13	30	13	55 25 Time lost by Caution Signals, and detained at meeting Stations.
	179	17	40	17	58 18 Detained at meeting Stations.
	197	10	50	11	5 15 Waited at Marayachii for the arrival of Mail from Madras.
31	15	10	30	10	50 20 Detained at meeting Stations and time lost by Caution Signals.
	31	18	10	18	30 20 Waited on loco, and time lost by Caution Signals.
	41	13	30	13	45 15 Detained at meeting Stations and time lost by Caution Signals.
	107	12	0	12	30 30 Waited at Sharniwarra for V. R. R. train, and waited on loco.

Return of

Down trains.

Date.	No. of trains.	Proper time of arrival.	Actual time of arrival.	Late minutes.	Cause of detention.
1896.					

January 31 214 12 30 12 45 15 Detained at meeting Stations.



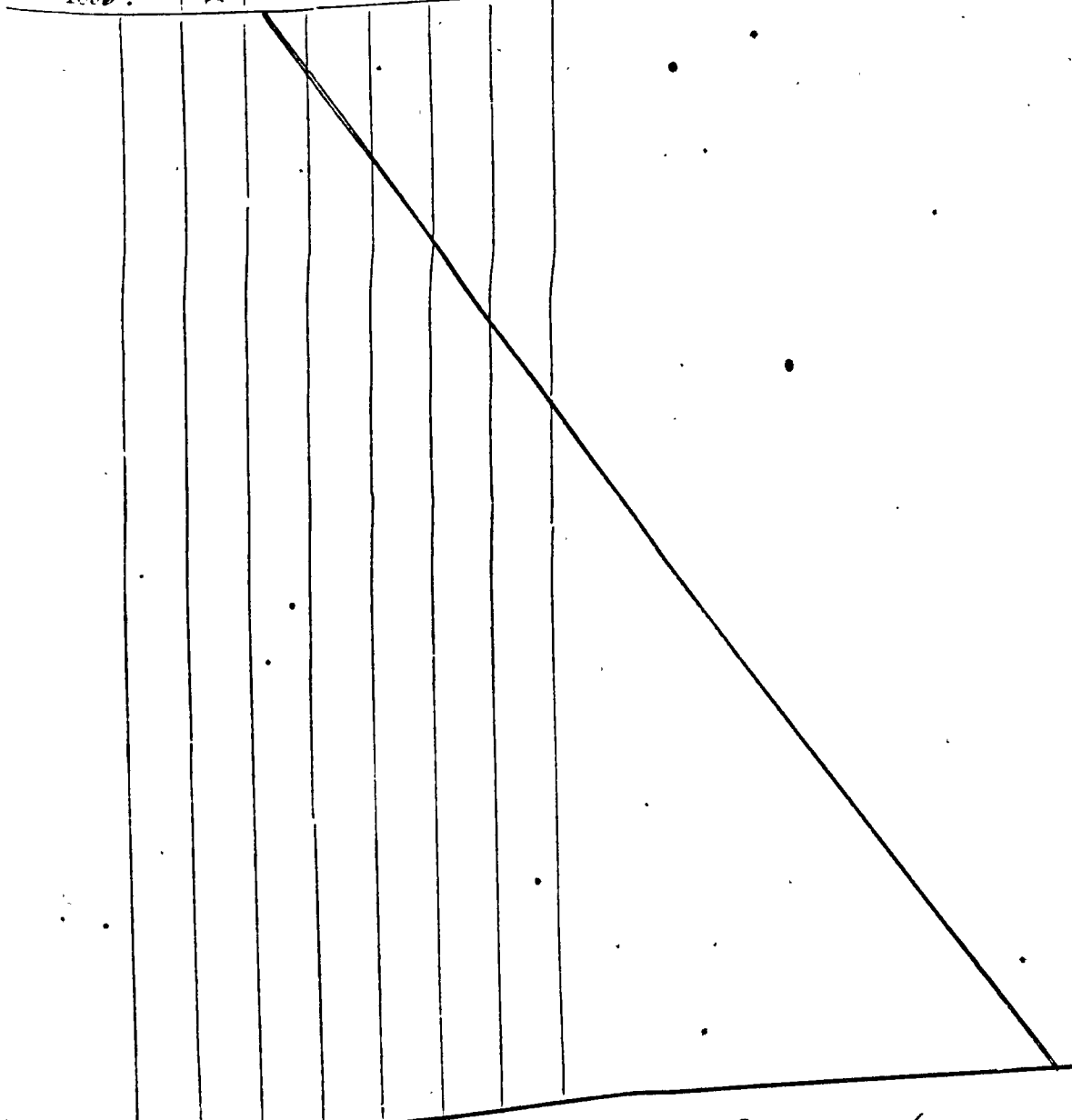
The Madras Railway train arrived at Kappadi late on 5 days, 4 days under the
 The Madras Railway train arrived at Benigan late on 2 days, one day under the
 The Madras Railway train arrived at Arkonam late on 5 days, 2 days under the
 The Madras Railway train arrived at Erode late on 3 days.
 The Madras Railway train arrived at Dharmavaram late on 11 days, 6

TRAFFIC MANAGER'S OFFICE,
 Trichinopoly, 2nd March 1896. } *[Signature]*

late trains.

Up trains.

Date.	No. of trains.	Proper time of arrival.	Actual time of arrival.	Late minutes.	Cause of detention.
1896.					



15 late, the restricted time for reports to Government.
 the 15 late, the restricted time for reports to Government.
 under the 15 late, the restricted time for reports to Government.
 days under the 15 late, the restricted time for reports to Government.

[Signature]
 Ag Traffic Manager.

FROM

THE AGENT,

South Indian Railway,

Trichinopoly.

To

Offg.
THE CONSULTING ENGINEER

FOR RAILWAYS,

Madras.

Dated 10

Received

} *April* 1896.

No. 310

ENCLOSURE. 1

CW/ 11/A

The undersigned has the honor
to forward herewith *the Abstract,*
and Return of late
trains on the South Indian
and Mayavaram. Multiple
Railways for the month
of February 1896.

M. S. Meenakshi
Enclosed by Book post for
Agent.



1502

11/4/96

SOUTH INDIAN RAILWAY.

ABSTRACT AND RETURN OF LATE TRAINS

for the month of *February* 1896.

SOUTH INDIAN RAILWAY.
RETURN OF LATE TRAINS.
Abstract for February 1896.

Description and Number.	LATE MINUTES.						Total minutes late.	Percentage of late trains.	Remarks.
	Above 15 and not exceeding 30 mts.	Above 30 and not exceeding 60 mts.	Above 60 and not exceeding 90 mts.	Above 90 mts.	Total.				
No. 13 & 62 Madras and Gingeleput <i>hindlipa</i> 58	1	.	.	.	2	34	3.45		
" 13 & 28 Madras and Tuticorin <i>hindlipa</i> 58	4	15	5	4	30	1169	51.72		
" 31 & 14 <i>do do do</i> 58	11	12	5	2	30	791	51.72		
" 25 & 58 Madras to Villupuram and Villupuram to Madras <i>hindlipa</i> 58	.	3	1	.	4	103	6.89		
" 35 & 56 Beach and Pallavaram <i>hindlipa</i> 58	.	.	.	.	.	.	.		
" 211 & 212 Madras and Pallavaram <i>do</i> 58	.	2	.	.	2	42	3.45		
Carried over...	348	16	33	11	6	268	2139	19.54	

Down trains.	15 mts. late.	30 mts. late.	60 mts. late.	90 mts. late.	In excess of 90 mts. late.	Total in month late.
No. 62 train	.	.	.	.	.	.
" 28	.	.	.	.	.	.
" 14	.	.	.	.	.	.
" 58	.	2	.	.	.	3
" 56	.	.	.	.	.	.
" 212	.	1	.	.	.	1
" 40	1	5	.	.	.	6
" 145	.	.	2	1	.	3
" 2	2	3	5	1	.	11
" 88	.	.	.	.	.	.
" 94	.	.	.	.	.	.
" 90	2	2	1	.	.	5
" 100	2	3	1	1	.	7
" 110	.	3	1	.	1	5
" 214	1	2	4	.	.	7
" 116	.	.	.	.	.	.
" 112	.	2	2	.	.	4
" 144	.	.	.	.	.	.
" 132	1	.	.	.	.	1

ABSTRACT OF LATE TRAINS.

Down trains.	15 mts. late.	30 mts. late.	60 mts. late.	90 mts. late.	In excess of 90 mts. late.	Total in month late.
No. 146 train	1	.	.	.	.	1
" 156	.	.	.	.	.	2
" 184	1	1	.	.	1	1
" 170	.	.	.	.	.	.
" 198	.	.	.	.	.	.
" 200	.	.	.	.	.	.
" 204	.	.	.	.	.	.
" 208	.	.	.	.	.	.
" 216	1	.	.	.	.	1
" 220	.	.	.	.	.	.
" 218	.	.	.	.	.	.
" 226	1	.	.	.	.	1
" 234	2	.	.	.	2	.

Up trains.	15 mts. late.	30 mts. late.	60 mts. late.	90 mts. late.	In excess of 90 mts. late.	Total in month late.
No. 13 train	1	1	.	.	.	2
" 15	4	5	3	.	.	28
" 31	11	5	2	.	.	29
" 25	.	1	.	.	.	1
" 35	.	.	.	.	.	.
" 211	1	.	.	.	.	1
" 1	.	2	.	.	.	2

8 ₄ 13 train	1	1	.	5	3	1	28
" 15	4	15	5	3	1	28	
" 31	11	11	5	2	.	29	1
" 25	.	1	.	.	.	.	.
" 35	.	.	.	.	.	.	.
" 21	.	1	.	.	.	1	.
" 1	.	.	2	.	.	.	2

Description and Number.	LATE MINUTES.						Total minutes late.	Percentage of late trains.	Remarks.	
	15 minutes.									
	Above 15 and not exceeding 30 mts.	Above 30 and not exceeding 60 mts.	Above 60 and not exceeding 90 mts.	Above 90 mts.	Total.					
Brought forward ...	348	16	33	11	6	2	68	2139	19.54	By drivers 95 lts, time lost by Cation signal 14.55 lts The trains. This causes an increase in the average and trains to run at the same speed. I have late
902 1440 Velupuram and Tirichirappalli	58	1	5	2	.	.	8	224	13.79	
" 41445 Mayavaram and Kuppam	58	2	15	3	1	.	21	537	36.20	
" 4342 Kuppam and Karaikal	58	3	4	6	1	.	14	525	24.13	
" 85488 Mangalore and Puzos week	58	1	.	.	.	.	1	15	1.72	
" 93494 do and do	58	1	.	.	.	.	2	44	3.45	
89490 Kollam and Velupuram	58	2	2	1	.	5	111	8.62		
97400 Kollam to Velupuram & Pondicherry & to Kollam	58	3	3	1	1	.	8	231	13.49	
107410 Thamaravaram and Pakala	58	3	7	2	1	13	379	22.41		
2134214 do and do	58	1	2	5	.	8	291	13.79		
1114116 Chingalapah and Arkonam	58	.	.	.	.	1	25	1.72		
" 1134112 do and do mail	58	2	2	.	.	4	137	6.89		

By driver 95 kth, time lost by carbon dioxide 14.55 hr	total time to burn at place and period of main late	time frame. This caused an increase in the average
45.61		
61.79		
6.20		
13		
72		
525		
2		
6		

Station	1827	41	82	35	10	4	172	5154	9.41
123 & 144 Pondicherry and Villupuram - 58									
132 Villupuram to Pondicherry - 29									
141 & 146 Regapatnam and Tanjore - 58									
153 & 156 do and do - 58									
169 & 184 Trichy and Eroder - 58									
179 & 190 do and Eroder - 58									
193 & 198 Maniyachi and Tirunelveli - 58									
197 & 200 do and do - 58									
201 & 204 do and do - 58									
205 & 208 do and do - 58									
215 & 216 Mayanur and Regapatnam - 58									
219 & 220 do and Tutuget - 58									
223 & 218 do and Tirunelveli - 58									
225 & 226 do and Regapatnam - 58									
235 & 234 Tirunelveli and Tutuget - 58									
Total ... 1827	41	82	35	10	4	172	5154	9.41	

Defective Engines account for 353 hts, worked on for 428 hts, time lost and worked on Foreign Railway trains at Junctions 804 hts. —

SOUTH INDIAN
Return of late trains for the

Down trains.							Cause of detention.	
Date. 1896.	No. of Trains.	Proper time of arrival.	Actual time of arrival.	Late minutes.				
January	1	28	18	55	19	58	63	Time lost by Caution signals and detained at Holatur South owing to the derailment of 18 goods train at $\frac{256}{7}$ mile.
	58	12	35	12	54	19		Shunting and Passengers.
	100	10	35	12	2	87		Engine defective.
	110	0	35	1	1	26		Passengers & lighting proof lamps.
2	2	18	0	18	57	57		Detained at meeting stations, and time lost by Caution signals.
	40	20	30	20	55	25		Detained at meeting stations and Shunting.
	145	18	20	19	3	43		Detained at meeting stations and time lost by Caution signals.
	212	19	45	20	6	21		Detained at meeting stations.
	214	12	30	13	27	57		Detained at meeting stations and Shunting.
3	2	18	0	18	16	16		Detained at meeting stations and time lost by Caution signals.

late trains.

Up trains.								
Date.	No. of Trains.	Proper time of arrival.	Actual time of arrival.	Late minutes.	Cause of detention.			
1896.								
February	1	31	18	10	19	33	83	Detained at meeting stations, waited on loco and time lost by Caution signals.
	2	13	8	15	8	30	15	Detained at meeting stations.
		15	10	30	11	37	67	Detained at meeting stations, waited on loco and time lost by Caution signals.
		25	21	20	21	38	18	Detained at meeting stations.
		31	18	10	18	53	43	Detained at meeting stations, time lost by Caution signals and waited on loco.
		41	13	30	13	45	15	Detained at meeting stations.
		85	6	5	6	20	15	Detained at meeting stations.
		179	17	40	18	0	20	Detained at meeting stations.
		197	10	50	11	5	15	Waited at Mangalore for the arrival of mail from Madras.
		211	20	50	21	11	21	Inwards train late in.
	3	15	10	30	11	33	63	Detained at meeting stations, waited on loco, and time lost by Caution signals.
		31	18	10	18	25	15	Waited on loco and time lost by Caution signals.
		41	13	30	13	46	16	Detained at meeting stations.
	4	41	13	30	13	47	17	Detained at meeting stations, shunting and time lost by Caution signals.
		107	11	50	12	5	15	Detained at meeting stations & Re. goods.

SOUTH INDIAN

Return of late trains for the

Down trains.

Date. 1896.	No. of Trains.	Proper time of arrival.	Actual time of arrival.	Late minutes.	Cause of detention.
February 3	132	14 50	15 5	15	Waited at Villupuram for the arrival of mail from Tuticorin.
	146	7 50	8 5	15	Waited at Tanjore for the arrival of mail from Tuticorin.
4	219	14 50	15 6	16	Detained at meeting stations and time lost by caution signals.
5	2	18 0	19 24	84	Detained at meeting stations.
	40	20 30	20 51	21	Detained at meeting stations.
	58	12 35	13 11	36	Waited at St Thomas Mount owing to engine of No. 846 train disabled between Mount and Saidapet.
	145	18 20	19 50	90	Detained at meeting stations.
	170	11 40	13 40	120	Waited at Erode for Madras Ry train and detained at meeting stations.
	184	18 15	18 34	19	Inwards train late in.
	226	22 20	22 36	16	Time lost by Caution signals and detained at meeting stations.

late trains.

Up trains.

Date. 1896.	No. of Trains.	Proper time of arrival.	Actual time of arrival.	Late minutes.	Cause of detention.
February 4	15	10 30	10 53	23	Waited on loco and time lost by Caution signals.
	31	18 10	18 30	20	Waited on loco and time lost by Caution signals.
	235	20 45	21 4	19	Detained at meeting stations & shunting.
5	15	10 30	13 10	160	Engine defective and time lost by Caution signals.
	31	18 10	18 55	45	Shunting, time lost by Caution signals and detained at meeting stations.
	43	19 5	19 45	40	Detained at meeting stations.
	107	11 50	12 14	24	Waited at Dharmavaram for the Ry train, waited on loco and shunting.
	169	11 45	12 59	74	Detained at meeting stations.
	179	17 40	18 15	35	Detained at meeting stations.
	235	20 45	21 6	31	Detained at meeting stations & shunting.
6	15	10 30	11 0	30	Detained at meeting stations, waited on loco and time lost by Caution signals.
	31	18 10	18 30	20	Waited on loco and time lost by Caution signals.
7	15	10 30	10 47	17	Waited on loco & time lost by Caution signals.

SOUTH INDIAN
Return of late trains for the

Down trains.							Cause of detention.
Date. 1896.	No. of Trains.	Proper time of arrival.	Actual time of arrival.	Late minutes.			
February	7	110	0 35	0 51	16		Detained at meeting stations.
	8	100	10 35	10 50	15		Shunting and detained at meeting stations.
	234	17	30 17	45 15			Shunting and detained at meeting stations.
	9	90	21 55	22 10	15		Shunting and heavy Passengers.
	10	100	10 35	10 50	15		Detained at meeting stations.
	11	100	10 35	10 51	16		Time lost by drivers.
	12	90	21 55	22 25	30		Shunting and heavy Passengers.
		110	0 35	0 53	18		Detained at meeting stations.
		214	12 30	13 20	50		Detained at meeting stations and heavy luggages and Parcels.
	13	112	8 45	9 21	36		Detained at Arkonam for Madras Express.
	14	2	18 0	18 15	15		Detained at meeting stations and time lost by Caution Signals.
		40	20 30	20 47	17		Detained at meeting stations and Shunting.
		90	21 55	22 10	15		Passengers.
	16	90	21 55	22 15	20		Detained at meeting stations & Passengers.

late trains.

Up trains.							Cause of detention.
Date. 1896.	No. of Trains.	Proper time of arrival.	Actual time of arrival.	Late minutes.			
February	7	31	18 10	18 25	15		Waited on loco and time lost by Caution Signals.
	8	15	10 30	10 45	15		Waited on loco and time lost by Caution Signals.
		31	18 10	18 53	43		Detained at meeting stations, waited on loco and time lost by Caution Signals.
		97	12 10	12 25	15		Detained at meeting stations Shunting.
	9	15	10 30	10 48	18		Waited on loco and time lost by Caution Signals.
		31	18 10	18 25	15		Waited on loco and time lost by Caution Signals.
		41	13 30	13 52	22		Detained at meeting stations and time lost by Caution Signals.
	10	15	10 30	10 52	22		Waited on loco and time lost by Caution Signals.
		31	18 10	18 28	18		Waited on loco and time lost by Caution Signals.
		41	13 30	13 50	20		Detained at meeting stations, Shunting and time lost by Caution Signals.
	11	15	10 30	10 51	21		Waited on loco & time lost by Caution Signals.

SOUTH INDIAN Return of late trains for the

Down trains.

Date.	No. of Trains.	Proper time of arrival.	Actual time of arrival.	Late minutes.	Cause of detention.
February 1896					
17	100	10 35	10 55	20	Waited at Benqueletti for Madras Ry train.
18	58	12 35	13 5	30	Detained at meeting Stations.
112	8	45 9	45 60		Waited at Benqueletti for Madras Ry train.
214	12	30 12	45 15		Detained at meeting Stations.
19	110	0 35	2 12	97	Waited on loco.
20	2	18 0	18 52	52	Detained at meeting Stations and time lost by Caution Signals.
40	20	30 20	56 26		Detained at meeting Stations & Shunting.
110	0	35 0	50 15		Detained at meeting Stations and waited on loco.
214	12	30 13	10 40		Detained at meeting Stations and time lost by drivers.
21	2	18 0	18 52	52	Detained at meeting Stations.
28	18	55 20	39 104		Time lost by Caution Signals and engine defective.
22	2	18 0	18 52	52	Detained at meeting Stations & time lost by Caution Signals.

late trains.

Up trains.

Date.	No. of Trains.	Proper time of arrival.	Actual time of arrival.	Late minutes.	Cause of detention.
February 1896					
11	31	18 10	18 28	18	Waited on loco and time lost by Caution Signals.
12	15	10 30	10 45	15	Waited on loco and time lost by Caution Signals.
31	18	10 18	30 20		Waited on loco and time lost by Caution Signals.
41	13	30 13	55 25		Detained at meeting Stations, Shunting and time lost by Caution Signals.
13	15	10 30	10 55	25	Detained at meeting Stations, waited on loco and time lost by Caution Signals.
31	18	10 18	30 20		Waited on loco and time lost by Caution Signals.
41	13	30 13	54 24		Shunting and time lost by Caution Signals.
107	11	50 12	5 15		Waited at Dharmavaram for the Ry train.
14	15	10 30	10 50	20	Waited on loco and time lost by Caution Signals.
31	18	10 18	25 15		Waited on loco and time lost by Caution Signals.
15	15	10 30	10 48	18	Waited on loco and time lost by Caution Signals.

SOUTH INDIAN

Return of late trains for the

Down trains.

Date.	No. of Trains.	Proper time of arrival.	Actual time of arrival.	Late minutes.	Cause of detention.			
1896.								
February	22	40	20	30	70	45	15	Detained at meeting Stations.
	23	2	18	0	18	17	17	Detained at meeting Stations and time lost by Caution Signals.
	40	20	30	20	52	22		Detained at meeting Stations.
	110	0	35	1	12	37		Detained at meeting Stations.
	214	12	30	12	46	16		Detained at meeting Stations & Shunting.
	216	7	15	7	45	30		Time lost by Caution Signals and detained at meeting Stations.
	24	100	10	35	10	56	21	Waited at Bangalore for head. of Ry train.
	112	8	45	9	3	18		Waited at Arkonam for head. of Ry train.
	25	112	8	45	9	8	23	Waited at Arkonam for head. of Ry train.
	184	18	15	18	30	15		Detained at meeting Stations.
	26	2	18	0	18	15	15	Detained at meeting Stations and time lost by Caution Signals.
	14	8	10	8	27	17		Time lost by Caution Signals & waited on loco.

late trains.

Up trains.

Date.	No. of Trains.	Proper time of arrival.	Actual time of arrival.	Late minutes.	Cause of detention.			
1896.								
February	15	31	18	10	18	25	15	Waited on loco and time lost by Caution Signals. —
	16	15	10	30	10	50	20	Waited on loco and time lost by Caution Signals. —
	31	18	10	18	25	15		Waited on loco and time lost by Caution Signals. —
	41	13	30	13	52	22		Shunting and time lost by Caution Signals.
	17	15	10	30	10	45	15	Waited on loco and time lost by Caution Signals. —
	31	18	10	18	25	15		Waited on loco and time lost by Caution Signals. —
	18	15	10	30	11	37	67	Detained at meeting Stations, waited on loco and time lost by Caution Signals.
	31	18	10	18	27	17		Waited on loco and time lost by Caution Signals. —
	107	11	50	12	15	25		Waited at Dharmawaram for the Ry train and waiting on loco. —
	111	12	0	12	25	25		Inwards train late in. —

SOUTH INDIAN
Return of late trains for the

Down trains.

Date. 1896.	No. of Trains.	Proper time of arrival.	Actual time of arrival.	Late minutes.	Cause of detention.
February 26	214	12 30	12 50	20	Detained at meeting stations.
27	2	18 0	18 17	17	Detained at meeting stations and waited on loco.
28	2	18 0	18 52	52	Detained at meeting stations and time lost by caution signals.
90	21	55 22	26 31	31	Detained at meeting stations and time lost by drivers.
145	18	20 18	57 37	37	Detained at meeting stations.
234	17	30 17	45 15	15	Inwards train late in.
29	214	12 30	13 22	52	Detained at meeting stations and time lost by drivers.

late trains.

Up trains.

Date. 1896.	No. of Trains.	Proper time of arrival.	Actual time of arrival.	Late minutes.	Cause of detention.
February 19	15	10 30	11 21	51	Detained at meeting stations; waited on loco and time lost by caution signals.
31	18	10 18	28 18	18	Time lost by caution signals.
41	13	30 13	47 17	17	Shunting and time lost by caution signals.
107	11	50 12	10 20	20	waited on loco and shunting.
20	15	10 30	11 23	53	Detained at meeting stations, waited on loco and time lost by caution signals.
31	18	10 19	10 60	60	Waited on loco, detained at meeting stations and time lost by caution signals.
41	13	30 13	47 17	17	Detained at meeting stations.
107	11	50 12	32 42	42	Detained at meeting stations & shunting.
141	4	0 4	16 16	16	Shunting and time lost by caution signals.
21	15	10 30	11 21	51	Detained at meeting stations, waited on loco and time lost by caution signals.
31	18	10 18	39 29	29	Time lost by drivers and caution signals.
41	13	30 13	55 25	25	Detained at meeting stations and time lost by caution signals.
22	1	17 5	17 48	43	Detained at meeting stations.

SOUTH INDIAN
Return of late trains for the

Down trains.

Date.	No. of Trains.	Proper time of arrival.	Actual time of arrival.	Late minutes.	Cause of detention.
1896.					

late trains.

Up trains.

Date.	No. of Trains.	Proper time of arrival.	Actual time of arrival.	Late minutes.	Cause of detention.			
1896.								
February	22	15	10	30	11	21	51	Detained at meeting Stations, waited on loco and time lost by Caution Signals.
		31	18	10	19	17	67	Time lost by drivers & Caution Signals, waited on loco & detained at meeting Stations.
		41	13	30	13	50	20	Detained at meeting Stations and time lost by Caution Signals.
	23	15	10	30	10	55	25	Detained at meeting Stations, waited on loco and time lost by Caution Signals.
		31	18	10	18	25	15	Waited on loco & time lost by Caution Signals.
		41	13	30	13	50	20	Detained at meeting Stations and time lost by Caution Signals.
		213	23	50	0	31	41	Waiting on traffic.
	24	15	10	30	11	21	51	Time lost by Caution Signals, waited on loco and detained at meeting Stations.
		31	18	10	18	25	15	Waited on loco & time lost by Caution Signals.
		41	13	30	13	47	17	Shunting and detained at meeting Stations.
	25	15	10	30	10	55	25	Time lost by Caution Signals & waited on loco.
		31	18	10	18	30	20	Waited on loco & time lost by Caution Signals.
		41	13	30	13	50	20	Detained at meeting Stations and time lost by Caution Signals.
		107	11	50	12	38	48	Waited at Dharmawaram for S. by train.
	26	15	10	30	10	47	19	Waited on loco & time lost by Caution Signals.
		31	18	10	18	35	25	Waited on loco & time lost by Caution Signals.
		41	13	30	14	1	31	Detained at meeting Stations, Shunting and time lost by Caution Signals.
		43	19	5	19	26	21	Detained at meeting Stations and time lost by Caution Signals.
		107	11	50	12	13	23	Waited at Dharmawaram for S. by train.
	27	13	8	15	8	34	19	Detained at meeting Stations.
		15	10	30	10	50	20	Waited on loco & time lost by Caution Signals.

Return of

Down trains.

Date.	No. of trains.	Proper time of arrival.	Actual time of arrival.	Late minutes.	Cause of detention.
189					

The Madras Railway train arrived at Kulpadi late on 2 days, one day under the Madras Railway train arrived at Benguntale late on 4 days, 2 days under the Madras Railway North-west Mail arrived at Arkonam late on 8 days, the Madras Railway train arrived at Erode late on 3 days, the Coimbatore Railway train arrived at Dharmavaram late on 20 days;

TRAFFIC MANAGER'S OFFICE,

Trichinopoly, 2^d April 1896.

at

late trains.

Up trains.

Date.	No. of trains.	Proper time of arrival.	Actual time of arrival.	Late minutes.	Cause of detention.
189					
January	27	31	18 10	18 53 43	Waited on loco, time lost by caution signals and detained at meeting stations.
	41	13 30	13 45 15	Detained at meeting stations and time lost by caution signals.	
	93	16 55	17 10 15	Detained at meeting stations.	
	153	20 0	20 15 15	Time lost by caution signals & detained at meeting stations.	
28	1	17 5	18 0 55	Detained at meeting stations, phunting and passengers.	
	15	10 30	10 45 15	Waited on loco & time lost by caution signals.	
	31	18 10	18 25 15	Waited on loco & time lost by caution signals.	
	41	13 30	13 54 24	Detained at meeting stations and time lost by caution signals.	
	43	19 5	19 20 15	Detained at meeting stations.	
	93	16 55	17 24 29	Detained at meeting stations.	
	219	14 50	15 5 15	Detained at meeting stations and time lost by caution signals.	
29	15	10 30	10 55 25	Time lost by caution signals and waited on loco.	
	31	18 10	18 25 15	Waited on loco and time lost by caution signals.	

the 15 hrs, the restricted time for reports to Government.

15 hrs, the restricted time for reports to Government.

7 days under the 15 hrs, the restricted time for reports to Government.

J. Davies
Traffic Manager.

FRG. No. 1 TO E. R. S. C. No. 1502 of 1896
LETTER No. 310 of 10/4/96
aguel. p. 2 R.

FROM
THE AGENT,
South Indian Railway,
Trichinopoly. 196.

To
OFFG
THE CONSULTING ENGINEER
FOR RAILWAYS,
Madras.

Dated 7th May 1896.
Received 4/6/16

No. 392
ENCLOSURE. — 1.

The undersigned has the honor
to forward herewith the Abstract,
and Return, of late trains,
on the South Indian, and
Mayawaram - Muthupet,
Railways for the month of
March 1896.

W. L. Meunier
for Agent.

025/12



T
4021
6/5/96

SOUTH INDIAN RAILWAY.

ABSTRACT AND RETURN OF LATE TRAINS

for the month of March 1896.

SOUTH INDIAN RAILWAY.

RETURN OF LATE TRAINS.

Abstract for March 1896.

Description and Number.	LATE MINUTES.						Total minutes late.	Percentage of late trains.	Remarks.
	15 minutes.	Above 15 and not exceeding 30 mts.	Above 30 and not exceeding 60 mts.	Above 60 and not exceeding 90 mts.	Above 90 mts.	Total.			
No. 13+62 Madras and Chingleput — rail 44262	.	1	.	.	.	1	18	1.61	
" 15+28 Madras and Tuticorin — rail 62	2	12	3	3	.	20	616	32.26	
" 31+14 — do and do — do 62	3	4	.	.	1	8	273	12.90	
" 25+58 Branch to Villupuram and Villupuram to Madras 62	1	.	1	.	.	2	53	3.22	
" 35+56 Branch and Pallavaram — Bangalore 62	.	.	.	.	.	.	.	.	
" 21+212 Madras and Pallavaram — do 62	.	.	.	.	.	.	.	.	
Carried over...	372	6	17	4	3	1	31	962	8.33

Down trains.	15 mts. late.	30 mts. late.	60 mts. late.	90 mts. late.	In excess of 90 mts. late.	Total in month late.
No. 62 train	.	.	.	.	.	.
" 28	.	.	.	.	.	.
" 14	1	.	.	.	1	2
" 58	1	.	1	.	.	2
" 56	.	.	.	.	.	.
" 212	.	.	.	.	.	.
" 40	2	3	2	.	.	7
" 145	.	3	3	.	.	6
" 2	1	.	1	.	.	2
" 88	.	.	.	.	.	.
" 94	.	.	.	.	.	.
" 90	.	1	.	.	.	1
" 100	.	3	.	.	.	3
" 110	1	4	1	.	.	6
" 214	2	.	1	.	.	3
" 116	.	.	.	.	.	.
" 112	1	3	3	1	.	8
" 144	.	.	.	.	.	.
" 132	.	.	.	.	.	.
" 146	.	1	.	.	.	1

SOUTH INDIAN
Return of late trains for the

Down trains.										
Date.	No. of Trains.	Proper time of arrival.	Actual time of arrival.	Late minutes.	Cause of detention.					
1896.										
March	1	110	0 35	0 55	20	Shunting and detained at meeting Stations.				
	2	14	12 30	12 45	15	Shunting and waited on loco.				
	3	23	17 30	17 49	19	Detained at meeting Stations.				
	5	110	0 35	0 50	15	Shunting and Passengers.				
	6	110	0 35	0 58	23	Detained at meeting Stations, Shunting and Road side goods.				
	11	2	8 45	9 9	24	Waited at Arkonam for Madras By train.				
	17	0	11 40	11 55	15	Detained at meeting Stations.				
	7	110	0 35	0 59	24	Detained at meeting Stations, Passengers and Shunting.				
	9	112	8 45	9 0	15	Waited at Arkonam for Madras By train.				
	12	14	8 10	8 25	15	Detained at meeting Stations and time lost by drivers.				

RAILWAY.

month of March 1896.

Up trains.									
Date.	No. of Trains.	Proper time of arrival.	Actual time of arrival.	Late minutes.	Cause of detention.				
1896.									
March	1	15	10 30	10 55	25	Detained at meeting stations and time lost by caution signals.			
	31	18	10 18	10 28	18	Time lost by caution signals.			
	107	11	50 12	5 15		Detained at meeting stations.			
	2	15	10 30	11 20	50	Passengers, detained at meeting stations, time lost by caution signals & waited on loco.			
	31	18	10 18	10 27	17	Waited on loco & time lost by caution signals.			
	41	13	30 13	50 20		Detained at meeting stations and time lost by caution signals.			
	3	15	10 30	10 45	15	Detained at meeting stations and time lost by caution signals.			
	219	14	50 15	9 19		Detained at meeting stations & Shunting.			
	4	15	10 30	11 45	75	Passengers, detained at meeting stations waited on loco & time lost by caution signals.			
	31	18	10 18	25 15		Time lost by caution signals & waited on loco.			
	205	18	35 18	50 15		Waited at Wanyachi for the arrival of Mail from Madras.			
	5	15	10 30	10 50	20	Detained at meeting stations and time lost by caution signals.			
	31	18	10 18	25 15		Waited on loco & time lost by caution signals.			
	41	13	30 13	47 17		Detained at meeting stations, Shunting and time lost by caution signals.			
	6	89	21 45	22 5	20	Detained at meeting stations.			
	107	11	50 12	13 23		Waited at Dharmavaram for Sili By train.			
	7	15	10 30	10 45	15	Time lost by caution signals & waited on loco.			
	213	23	50 24	34 34		Passengers, Shunting & waited on loco.			

Return of

Down trains.

Down trains.								
Date.	No. of Trains.	Proper time of arrival.	Actual time of arrival.	Late minutes.	Cause of detention.			
1896.								
March	12	58	12	35	12	50	15	Detained at meeting stations.
	110	0	35	0	59	24		Detained at meeting stations.
	112	8	45	9	51	66		Waited at Arkonaw for Madras Ry train.
	145	18	20	18	50	30		Time lost by Caution signals and detained at meeting stations.
	214	12	30	12	45	15		Detained at meeting stations and Shunting.
15	14	8	10	10	43	153		Detained at Serandamur owing to the derailment of C ₂ truck attached to 27 Extra train.
	112	8	45	9	21	36		Waited at Arkonaw for Madras Ry train.
	145	18	20	18	57	37		Time lost by Caution signals and detained at meeting stations.
	170	11	40	12	10	30		Waited at Erode for Madras Ry train.
	226	22	20	22	40	20		Time lost by Caution signals and detained at meeting stations.

late trains.

Up trains.

Date.	No. of Trains.	Proper time of arrival.	Actual time of arrival.	Late minutes.	Cause of detention.			
1896.								
March	8	1	17	5	17	25	20	Detained at meeting stations of Shunting.
	93	16	55	17	13	18		Detained at meeting stations.
	107	11	50	12	20	30		Waited at Dharmavaram for S. R. Ry train, and detained at meeting stations.
	9	197	10	50	11	5	15	Waited at manyachi for the arrival of mail from Madras.
	10	107	11	50	12	16	26	Detained at meeting stations of Shunting.
	11	15	10	30	10	47	17	Waited on loco, time lost by caution signals and detained at meeting stations.
		197	10	50	11	5	15	Waited at manyachi for the arrival of mail from Madras.
	12	15	10	30	11	49	79	Detained at meeting stations, time lost by caution signals & waited on loco.
		85	6	5	6	35	30	Waited at Ringimattai for Madras Ry train.
		107	11	50	12	7	17	Waited at Dharmavaram for S. R. Ry train.
		111	12	0	12	29	29	Inwards train later in.
		205	18	35	18	50	15	Waited at manyachi for the arrival of mail from Madras.
	13	13	8	15	8	33	18	Detained at meeting stations.
		15	10	30	10	47	17	Waited on loco & time lost by Caution signals
		41	13	35	13	52	17	Detained at meeting stations, Shunting and time lost by Caution signals.
		107	11	50	12	50	60	Waited at Dharmavaram for S. R. Ry train.
		205	18	35	18	50	15	Waited at manyachi for the arrival of mail from Madras.
	14	15	10	30	10	54	24	Time lost by caution signals and waited on loco.

Return of

late trains.

Down trains.

Up trains.

Down trains.									
Date.	No. of Trains.	Proper time of arrival.	Actual time of arrival.	Late minutes.	Cause of detention.				
1896.									
Marela	16	40	20	30	20	49	19	Detained at meeting Stations.	
	58	12	35	13	15	40		Detained at meeting Stations.	
	112	8	45	9	3	18		Waited at Arkonam for Madras Ry train.	
	18	90	21	55	22	15	20	Road side foods, shunting and time lost by Caution signals.	
	19	40	20	35	21	5	30	Detained at meeting Stations and time lost by drivers.	
	100	10	35	10	52	17		Waited at Renguntala for Madras Ry train.	
	20	40	20	30	20	51	21	Loading Rs foods and shunting.	
	100	10	35	10	57	22		Waited at Renguntala for Madras Ry train.	
	112	8	45	9	21	36		Waited at Arkonam for Madras Ry train.	
	145	18	20	18	40	20		Time lost by Caution signals, Loading and shunting.	
	21	40	20	30	20	45	15	Detained at meeting Stations.	

Date.	No. of Trains.	Proper time of arrival.	Actual time of arrival.	Late minutes.	Cause of detention.			
1896.								
March	14	41	13	35	13	50	15	Loading Rs foods & time lost by Caution signals. —
	205	18	35	18	50	15		Waited at manyadi for the arrival of mail from Madras. —
	15	15	10	30	11	48	78	Detained at meeting stations, waited on loco and time lost by Caution signals. —
	97	12	10	12	28	18		Time lost by Caution signals. —
	141	4	5	4	20	15		Detained at meeting stations, Shunting and Rs foods. —
	16	1	16	35	18	38	123	Detained at Villupuram owing to the derailment of Cg attached to 278 train at Seraudam. —
	15	10	30	10	47	17		Time lost by Caution signals and waited on loco. —
	107	11	50	12	7	17		Waited at Dharmavaram for S. Ry train, and detained at meeting stations. —
	205	18	35	18	50	15		Waited at manyadi for the arrival of mail from Madras. —
	235	20	45	21	5	20		Detained at meeting stations and Shunting. —
	17	205	18	35	18	50	15	Waited at manyadi for the arrival of mail from Madras. —
	18	15	10	30	10	47	17	Waited on loco & time lost by Caution signals. —
	41	13	35	13	52	17		Shunting and time lost by Caution signals. —
	93	16	55	17	13	18		Detained at meeting stations. —
	107	11	50	12	30	40		Waited at Dharmavaram for S. Ry train, and Shunting. —
	197	10	50	11	5	15		Waited at manyadi for the arrival of mail from Madras. —

Return of

Down trains.

Date.	No. of Trains.	Proper time of arrival.	Actual time of arrival.	Late minutes.	Cause of detention.
1896.					
March 21	112	8 45	9 21	36	Waited at Arkonam for Madras Ry train.
	145	18 20	18 42	22	Time lost by caution signals and detained at meeting stations.
	226	22 20	22 35	15	Time lost by caution signals and detained at meeting stations.
	234	17 30	17 47	17	Detained at meeting stations and shunting.
	22	40 20	30 21	18 48	Detained at meeting stations and shunting.
	146	8 0	8 26	26	Time lost by caution signals and detained at meeting stations.
	234	17 30	17 45	15	Detained at meeting stations.
	23	100 10	35 10	52 17	Waited at Rayanpattinam for Madras Ry train.
	24	112 8 45	9 5	20	Waited at Arkonam for Madras Ry train.

late trains.

Up trains.

Date.	No. of Trains.	Proper time of arrival.	Actual time of arrival.	Late minutes.	Cause of detention.
1896.					
March 19	205	18 35	18 50	15	Waited at Manjapadi for the arrival of mail from Madras.
	21	15 10	30 10	55 25	Detained at meeting stations and time lost by caution signals.
	31	18 10	18 27	17	Time lost by caution signals & waited on loco.
	41	13 35	13 53	18	Shunting and Passengers.
	219	14 50	15 5	15	Time lost by caution signals & drivers and waited on loco.
	22	41 13	35 14	15 40	Detained at meeting stations & shunting.
	179	17 40	17 55	15	Detained at meeting stations.
	219	14 50	15 5	15	Detained at meeting stations and time lost by caution signals.
	23	41 13	35 13	52 17	Detained at meeting stations & shunting.
	225	21 25	21 42	17	Shunting and time lost by caution signals.
	24	15 10	30 10	52 22	Time lost by caution signals and waited on loco.
	107	11 50	12 7	17	Waited at Dharmavaram for S. M. Ry train.
	197	10 50	11 5	15	Waited at Manjapadi for the arrival of mail from Madras.
	235	20 45	21 0	15	Detained at meeting stations & shunting.
	25	15 10	30 11	2 32	Time lost by caution signals, waited on loco, and detained at meeting stations.
	31	18 10	18 33	23	Detained at meeting stations, time lost by caution signals and waited on loco.
	26	41 13	35 13	57 22	Detained at meeting stations & shunting.
	43	19 5	19 56	51	Detained at meeting stations and time lost by caution signals.
	27	15 10	30 10	52 22	Time lost by caution signals & waited on loco.

Return of

Down trains.

Date.	No. of Trains.	Proper time of arrival.	Actual time of arrival.	Late minutes.	Cause of detention.
1896.					
March	25	2	18	5	18 20 15
					Stoppage of train at $\frac{244}{16}$ mile to unload 200 sleepers for urgent repairs, time lost by caution signals and detained at meeting stations.
	110	0	35	0	53 18
					Detained at meeting stations.
	26	40	20	30	21 20 50
					Time lost by drivers, shunting and detained at meeting stations.
	28	2	18	5	18 45 40
					Detained at meeting stations, time lost by caution signals & shunting.
	40	20	30	20	45 15
					Detained at meeting stations and waited on loco.
	110	0	35	1	10 35
					Detained at meeting stations and unloading 200 goods.
	145	18	20	18	57 37
					Detained at meeting stations and time lost by caution signals.
	156	23	45	0	2 17
					Detained at meeting stations and time lost by caution signals.

late trains.

Up trains.

Date.	No. of Trains.	Proper time of arrival.	Actual time of arrival.	Late minutes.	Cause of detention.
1896.					
March	27	197	10	50	11 5 15
					Waited at Manjadin for the arrival of mail from Madras.
	205	18	35	18	50 15
					Waited at Manjadin for the arrival of mail from Madras.
	225	21	25	21	47 22
					Shunting and time lost by caution signals.
	28	41	13	35	13 50 15
					Detained at meeting stations & shunting.
	43	19	5	19	20 15
					Time lost by caution signals and detained at meeting stations.
	141	4	5	4	20 15
					Detained at meeting stations, shunting & time lost by caution signals.
	153	20	5	20	39 34
					Detained at meeting stations.
	179	17	40	17	57 17
					Detained at meeting stations.
	213	23	50	1	28 98
					Engine defective, time lost by drivers and waited on loco.
	235	20	45	21	8 43
					Detained at meeting stations & shunting.
	29	15	10	30	10 47 17
					Time lost by caution signals and waited on loco.
	43	19	5	19	41 36
					Detained at meeting stations and time lost by caution signals.
	93	16	55	17	13 18
					Detained at meeting stations.
	197	10	50	11	5 15
					Waited at Manjadin for the arrival of mail from Madras.
	30	15	10	30	10 47 17
					Time lost by caution signals.
	41	13	35	13	51 16
					Loading 200 goods, detained at meeting stations & time lost by caution signals.
	43	19	5	19	46 41
					Time lost by caution signals and detained at meeting stations.

Return of

Down trains.

Date. 1896.	No. of Trains.	Proper time of arrival.	Actual time of arrival.	Late minutes.	Cause of detention.
March 28	184	18 15	19 33	78	Waited on loco, detained at meeting stations and time lost by drivers.
	234	17 30	17 48	18	Detained at meeting stations and shunting.
29	110	0 35	0 51	16	Detained at meeting stations.
	214	12 30	13 20	50	Shunting, waited on loco, and time lost by drivers.
30	110	0 35	0 56	21	Detained at meeting stations.
	145	18 20	19 9	49	Time lost by caution signals and waited at Papanasam owing to the derailment of Battab train.

The Madras Railway train arrived at Katpadi late on 2 days, 1 day under.
 The Madras Railway train arrived at Rengam late on 8 days, 3 days under.
 The Madras Railway hot the-week mail arrived at Arkonam late on 10 days, 2 days under.
 The Southern Madras Railway train arrived at Dharmavaram late on 23 days, 16 days under.

TRAFFIC MANAGER'S OFFICE,
 Trichinopoly, 4th May 1896.

late trains.

Up trains.

Date. 1896.	No. of Trains.	Proper time of arrival.	Actual time of arrival.	Late minutes.	Cause of detention.
March 30	141	4 5	4 30	25	Time lost by caution signals and waited on loco.
	213	23 50	0 10	20	Waited at Dharmavaram for Pothum Khatra Railway train.
31	15	10 30	11 2	32	Detained at meeting stations and time lost by caution signals.
	41	13 35	13 50	15	Detained at meeting stations and time lost by caution signals.
	213	23 50	0 8	18	Waited at Dharmavaram for S. he by train and shunting.
29	107	11 50	12 35	45	Waited at Dharmavaram for S. he by train and detained at meeting stations and waited on loco.

the 15th, the restricted time for reports to Government.
 under the 15th, the restricted time for reports to Government.
 2 days under the 15th, the restricted time for reports to Government.
 days, 16 days under the 15th, the restricted time for reports to Government.

J. Davis
 Ag Traffic Manager.

Eno. 1
memo
LETTER NO. 392 d 7-5-96
FROM A

No. 138 R., 20TH FEBRUARY 1896.

Print

GOVERNMENT OF MADRAS.
PUBLIC WORKS DEPARTMENT.

Railway.

Read the following paper:—

Statement of late trains on the South Indian Railway, including Májavaram-Muttupet section, for the quarter ended the 31st December 1895.

446R

[Statement.]

STATEMENT of late trains on the South Indian Railway, including Mayavaram-Muttupet section, for the quarter ended 31st December 1895.

Jan 1896

No. 138 R., 20TH FEBRUARY 1896.

No. 138 R., 20TH FEBRUARY 1896.

3

January 1896										February 1896										March 1896										Average for the quarter.											
Description.										Description.										Description.																					
Description.										Description.										Description.																					
Description.										Description.										Description.																					
No.	Description.	15 minutes.	Above 15 minutes.	30 minutes.	Above 30 minutes.	60 minutes.	Above 60 minutes.	90 minutes.	Total.	Percentage of late trains.	Number of trains.	15 minutes.	Above 15 minutes.	30 minutes.	Above 30 minutes.	60 minutes.	Above 60 minutes.	90 minutes.	Total.	Percentage of late trains.	Number of trains.	15 minutes.	Above 15 minutes.	30 minutes.	Above 30 minutes.	60 minutes.	Above 60 minutes.	90 minutes.	Total.	Percentage of late trains.	Number of trains.	15 minutes.	Above 15 minutes.	30 minutes.	Above 30 minutes.	60 minutes.	Above 60 minutes.	90 minutes.	Total.	Percentage of late trains.	Number of trains.
15.	Madras and Tuticorin .. (Mail)	62	1	7	11	24	1218	58	58	58	58	4	15	5	4	2	30	169	57	72	62	2	12	3	3	1	20	616	32	26	40	89									
28.	Do. do. .. (Do.)	62	1	7	11	24	1218	58	58	58	58	4	15	5	4	2	30	169	57	72	62	2	12	3	3	1	20	616	32	26	40	89									
31.	Do. do. .. (Do.)	62	1	7	11	24	1218	58	58	58	58	4	15	5	4	2	30	169	57	72	62	2	12	3	3	1	20	616	32	26	40	89									
14.	Madras and Chingleput (Mail and Mixed)	62	1	7	11	24	1218	58	58	58	58	4	15	5	4	2	30	169	57	72	62	2	12	3	3	1	20	616	32	26	40	89									
25.	Beach to Villupuram and Villupuram to Madras .. (Mixed)	62	1	7	11	24	1218	58	58	58	58	4	15	5	4	2	30	169	57	72	62	2	12	3	3	1	20	616	32	26	40	89									
58.	Beach and Pallavaram .. (Passenger)	62	1	7	11	24	1218	58	58	58	58	4	15	5	4	2	30	169	57	72	62	2	12	3	3	1	20	616	32	26	40	89									
66.	Madras and Pallavaram .. (Do.)	62	1	7	11	24	1218	58	58	58	58	4	15	5	4	2	30	169	57	72	62	2	12	3	3	1	20	616	32	26	40	89									
211.	Madras and Trichinopoly .. (Mixed)	62	1	7	11	24	1218	58	58	58	58	4	15	5	4	2	30	169	57	72	62	2	12	3	3	1	20	616	32	26	40	89									
40.	Fort .. (Do.)	62	1	7	11	24	1218	58	58	58	58	4	15	5	4	2	30	169	57	72	62	2	12	3	3	1	20	616	32	26	40	89									
41.	Mayavaram and Negapatam .. (Do.)	62	1	7	11	24	1218	58	58	58	58	4	15	5	4	2	30	169	57	72	62	2	12	3	3	1	20	616	32	26	40	89									
145.	Mayavaram and Negapatam .. (Do.)	62	1	7	11	24	1218	58	58	58	58	4	15	5	4	2	30	169	57	72	62	2	12	3	3	1	20	616	32	26	40	89									
107.	Dharmavaram and Pakala .. (Do.)	62	1	7	11	24	1218	58	58	58	58	4	15	5	4	2	30	169	57	72	62	2	12	3	3	1	20	616	32	26	40	89									
110.	Dharmavaram and Pakala .. (Do.)	62	1	7	11	24	1218	58	58	58	58	4	15	5	4	2	30	169	57	72	62	2	12	3	3	1	20	616	32	26	40	89									
89.	Nellore and Villupuram .. (Do.)	62	1	7	11	24	1218	58	58	58	58	4	15	5	4	2	30	169	57	72	62	2	12	3	3	1	20	616	32	26	40	89									
90.	Nellore and Villupuram .. (Do.)	62	1	7	11	24	1218	58	58	58	58	4	15	5	4	2	30	169	57	72	62	2	12	3	3	1	20	616	32	26	40	89									
97.	Do. to do. and .. (Do.)	62	1	7	11	24	1218	58	58	58	58	4	15	5	4	2	30	169	57	72	62	2	12	3	3	1	20	616	32	26	40	89									
100.	Pondicherry to Nellore .. (Do.)	62	1	7	11	24	1218	58	58	58	58	4	15	5	4	2	30	169	57	72	62	2	12	3	3	1	20	616	32	26	40	89									
85.	Ranigumta and Tirupati West .. (Do.)	62	1	7	11	24	1218	58	58	58	58	4	15	5	4	2	30	169	57	72	62	2	12	3	3	1	20	616	32	26	40	89									
93.	Do. do. .. (Do.)	62	1	7	11	24	1218	58	58	58	58	4	15	5	4	2	30	169	57	72	62	2	12	3	3	1	20	616	32	26	40	89									
94.	Do. do. .. (Do.)	62	1	7	11	24	1218	58	58	58	58	4	15	5	4	2	30	169	57	72	62	2	12	3	3	1	20	616	32	26	40	89									
111.	Chingleput and Arkonam .. (Do.)	62	1	7	11	24	1218	58	58	58	58	4	15	5	4	2	30	169	57	72	62	2	12	3	3	1	20	616	32	26	40	89									
116.	Do. do. .. (Mail)	62	1	7	11	24	1218	58	58	58	58	4	15	5	4	2	30	169	57	72	62	2	12	3	3	1	20	616	32	26	40	89									
113.	Do. do. .. (Mail)	62	1	7	11	24	1218	58	58	58	58	4	15	5	4	2	30	169	57	72	62	2	12	3	3	1	20	616	32	26	40	89									
123.	Pondicherry and Villupuram (Mail and Mixed)	62	1	7	11	24	1218	58	58	58	58	4	15	5	4	2	30	169	57	72	62	2	12	3	3	1	20	616	32	26	40	89									
144.	Pondicherry and Villupuram (Mail and Mixed)	62	1	7	11	24	1218	58	58	58	58	4	15	5	4	2	30	169	57	72	62	2	12	3	3	1	20	616	32	26	40	89									
132.	Villupuram to Pondicherry .. (Do.)	62	1	7	11	24	1218	58	58	58	58	4	15	5	4	2	30	169	57	72	62	2	12	3	3	1	20	616	32	26	40	89									
141.	Negapatam and Tanjore. (Mixed and Mail)	62	1	7	11	24	1218	58	58	58	58	4	15	5	4	2	30	169	57	72	62	2	12	3	3	1	20	616	32	26	40	89									
146.	Do. do. .. (Mixed)	62	1	7	11	24	1218	58	58	58	58	4	15	5	4	2	30	169	57	72	62	2	12	3	3	1	20	616	32	26	40	89									
43.	Negapatam and Madurai .. (Mixed)	62	1	7	11	24	1218	58	58	58	58	4	15	5	4	2	30	169	57	72	62	2	12	3	3	1	20	616	32	26	40	89									
153.	Negapatam and Tanjore .. (Mail)	62	1	7	11	24	1218	58	58	58	58	4	15	5	4	2	30	169	57	72	62	2	12	3	3	1	20	616	32	26	40	89									
156.	Trichinopoly Junction and Erode (Do.)	62	1	7	11	24	1218	58	58	58	58	4	15	5	4	2	30	169	57	72	62	2	12	3	3	1	20	616	32	26	40	89									
159.	Do. do. .. (Do.)	62	1	7	11	24	1218	58	58	58	58	4	15	5	4	2	30	169	57	72	62	2	12	3	3	1	20	616	32	26	40	89									
179.	Do. do. .. (Do.)	62	1	7	11	24	1218	58	58	58	58	4	15	5	4	2	30	169	57	72	62	2	12	3	3	1	20	616	32	26	40	89									
170.	Maniyachi and Tinnevely .. (Mail and Mixed)	62	1	7	11	24	1218	58	58	58	58	4	15	5	4	2	30	169	57	72	62	2	12	3	3	1	20	616	32	26	40	89									
198.	Do. do. .. (Mail and Mixed)	62	1	7	11	24	1218	58	58	58	58	4	15	5	4	2	30	169	57	72	62	2	12	3	3	1	20	616	32	26	40	89									
201.	Do. do. .. (Mail and Mixed)	62	1	7	11	24	1218	58	58	58	58	4	15	5	4	2	30	169	57	72	62	2	12	3	3	1	20	616	32	26	40	89									
204.	Do. do. .. (Mixed and Mail)	62	1	7	11	24	1218	58	58	58	58	4	15	5	4	2	30	169	57	72	62	2	12	3	3	1	20	616	32	26	40	89									
197.	Do. do. .. (Mixed and Mail)	62	1	7	11	24	1218	58	58	58	58	4	15	5	4	2	30	169	57	72	62	2	12	3	3	1	20	616	32	26	40	89									
200.	Do. do. .. (Mixed and Mail)	62	1	7	11	24	1218	58	58	58	58	4	15	5	4	2	30	169	57	72	62	2	12	3	3	1	20	616	32	26	40	89									
205.	Do. do. .. (Mixed and Mail)	62	1	7	11	24	1218	58	58	58	58	4	15	5	4	2	30	169	57	72	62	2	12	3	3	1	20	616	32	26	40	89									
208.	Dharmavaram and Pakala .. (Mixed)	62	1	7	11	24	1218	58	58																																

ORDER—No. 138 R., dated 20th February 1896.

Recorded.

2. During the quarter under review 8.74 per cent. of all trains ran late, showing a considerable improvement over the corresponding quarter of 1894, in which the percentage was 12.96.

3. The trains chiefly at fault were—

Madras and Tuticorin (two mails).
Villupuram and Trichinopoly Fort (mixed).
Mayavaram and Muttupet (mixed).
Dharmavaram and Pakala (two mixed).
Nellore and Villupuram (mixed).
Nellore and Villupuram and Pondicherry to Nellore (mixed).
Chingleput and Arkonam (mail).
Negapatam and Madura (mixed).

(True Extract.)

(Signed) F. R. UPCOTT,
Joint Secy. to Govt., P.W.D.,
Railway Branch.

To the Agent, South Indian Railway.

RAILWAY.

Govt. of {1896} Madras.

PUBLIC WORKS.

Dated February, 20th.

Recd.

Encl.

G.O. No. 138.R., 20th Feb. 1896.

FEBRUARY.

Late Trains

Statement of —, South Indian Railway, including the Mayavaram-Muttupet Railway, for the quarter ended the 31st December 1895, recorded with remarks.

(R.) Form No. 3.

No. 446. Dated 18.5.96
PUBLIC WORKS DEPARTMENT,
RAILWAY BRANCH.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Read the following

Statement of Late Trains on the South Indian Railway including Mayavaram Muttupet Section for the quarter ended the 31st March 1896.

Recorded

2. During the quarter under review, 8.43 percent of all trains ran late showing an increase over the corresponding quarter of 1895 in which the percentage was 7.54. Of the percentage of 8.43, 3.04 percent is attributable to the running of trains being obliged to slacken speed at places where the Permanent way was being renewed, the mail trains at slackened speed which interfered considerably with meeting stations and branch line trains.

Pr
In trains being obliged to slacken speed at places where the Permanent way was being renewed, the mail trains at slackened speed which interfered considerably with meeting stations and branch line trains.

3. The trains chiefly at fault were:—

Madras & Tuticorin (2 mails)
Vellupuram & Tiruvarur (2 mails)
Mayavaram & Negapatam (- do -)
Dharmapuram & Pakala (- do -)
Negapatam & Madras (- do -)
Tirunelveli & Muttupet (- do -)

Mr. Agent. S. I. Ry.

18/5

CMR SR

13TH MAY 1895, No. 342 R., PUBLIC WORKS.

GOVERNMENT OF MADRAS.
PUBLIC WORKS DEPARTMENT.

Railway.

Read the following paper :—

STATEMENT of late trains on the South Indian Railway including Māyavaram-Muttupet section
for the quarter ended the 31st March 1895.

Ref. No. 446 dated 18.5.96

OS 112

[Statement.]

STATEMENT of late trains on the South Indian Railway including Mayavaram-Muttupet section for the quarter ended 31st March 1895.

[illegible][illegible]

(Signed) C. T. R. SCOVELL,
for Consulting Engineer for Railways.

MADRAS,
8th May 1895.

ORDER—dated 13th May 1895, No. 342 R., Public Works.

Recorded.

2. During the quarter under review 7·54 per cent. of all trains ran late showing a slight decrease over the corresponding quarter of 1894 in which the percentage was 8·34. Of the percentage of 7·54, 3·49 per cent. is attributable to loss of time by the slowing of trains over the bridges between Trichinopoly and Tinnevely which are now being strengthened.

3. The trains chiefly at fault were—

Madras and Tuticorin (2 mails).
Villupuram and Trichinopoly Fort (mixed).
Máayavaram and Negapatam (mixed).
Dharmavaram and Pákala (mixed).
Maniyáchi and Tinnevely (mixed and mail).
Do. (do.)
Tiruválúr and Muttupet (mixed).

(True Extract.)

(Signed) F. R. UPCOTT,
Joint Secy. to Govt., P.W.D.,
Railway Branch.

To the Agent, South Indian Railway.

RAILWAY.
Govt. of {1895} Madras.
PUBLIC WORKS.

Dated May, 13th.

Recd.

Encl.

G.O., 13th May 1895, No. 342 R.

MAY.

Late Trains

Statement of — on the South Indian
Railway including the Mayavaram-Muttupet
section for the quarter ended the 31st March
1895, recorded with remarks.