

ANNUAL REPORT OF THE

Statement showing the Progress made in, and the expenditure

Name of forest district.	Area already settled at commencement of year.	Areas finally settled during the year.					
		Number and date of Government Order according final sanction to the settlement.	Name of forest settled.	Area in square miles.	Expenditure incurred during the year on areas finally settled.		Entire cost per square mile of areas finally settled during the year.
					In forest accounts.	In other accounts.	
1	2	3	4	5	6	7	8

Central

North Arcot.	966	No. 737, dated 14th November 1895.	Bommasamudram extension ..	2	Rs.	Rs.	Rs.
		No. 132, dated 20th March 1896.	Kinatipalle extension ..	2	..	..	..
		No. 150, dated 1st April 1896.	Basavapalle extension ..	1	..	..	..
		No. 742, dated 14th November 1895.	Konjanur	4	..	..	..
		No. 342, dated 8th June 1895.	Kaniambady	2	..	..	..
		No. 556, dated 15th August 1895.	Appukal or Arasampet ..	1	..	..	..
		No. 682, dated 14th October 1895.	Karuthamalai	19	..	..	..
			Total ..	31	..	..	..
South Arcot.	464	No. 275, Rev., dated 15th May 1895.	Kannamadai	7	..	..	..
		No. 290, Rev., dated 18th May 1895.	Valasamalai	19	..	..	..
		No. 473, Rev., dated 20th July 1895.	Pumalai	5	..	..	..
		No. 56, Rev., dated 6th Feb. 1896.	Ravandavadi	21	..	..	..
		No. 41, Rev., dated 28th Jan. 1896.	Thachampattu	3	..	..	..
		No. 302, Rev., dated 27th May 1895.	Melsevur first bit ..	1	..	..	..
		No. 658, Rev., dated 1st October 1895.	Thandavasamudram ..	1	..	..	..
		No. 425, Rev., dated 5th July 1895.	Doni Durai, North ..	..	..	..	..
		No. 773, Rev., dated 27th Nov. 1895.	Periyakuppam	2	..	..	..
		No. 419, Rev., dated 4th July 1895.	Adivarahanallore ..	1	..	..	..
		No. 383, Rev., dated 22nd June 1895.	Velandai	1	..	..	..
		No. 487, Rev., dated 24th July 1895.	Kallamedu	2	..	..	..
		No. 641, Rev., dated 20th Sept. 1895.	Oddampattu	..	..	..	..
		No. 38, Rev., dated 23rd January 1896.	Sengamedu	1	..	..	..
		No. 26, Rev., dated 20th January 1896.	Solavandipuram	1	..	..	..
		No. 221, Rev., dated 20th April 1895.	Lachiyam	1	..	..	..
		No. 353, Rev., dated 12th June 1895.	Sittalur	1	..	..	..
		No. 549, Rev., dated 13th August 1895.	Indali	2	..	..	..
		No. 548, Rev., dated 13th August 1895.	Puttai	1	..	..	..

FOREST DEPARTMENT.

incurred on, Forest Settlements during 1895-96—cont.

Areas undergoing settlement.							Remarks.
At commencement of the year.		Taken in hand during the year.		Expenditure incurred during the year on areas undergoing settlement.			
Name of tract.	Area in square miles.	Name of tract.	Area in square miles.	In forest accounts.	In other accounts.		
9	10	11	12	13	14	15	

Circle—cont.

Reddigunta	4	Peddur extension	15	Rs.
Chasee Hill	3	Musali madugu	3	1,945
Parapumalai	2	Thoodapantangal	1	..
Putramadi or Iralla	6	Nambodu extension	..	..
Penamur extension	4	..	..	..
Santhapct extension	5	..	..	..
Paradarami extension	4	..	..	..
Pakala	3	..	..	..
Palmaner	7	..	..	..
Pattikonda	3	..	..	..
Jangalapalle	7	..	..	..
Synagunta extension	10	..	..	..
Pallelacuppam extension	3	..	..	..
Kampasamudram	1	..	..	..
Gundlapalle	..	..	..	..
Pallelacuppam extension	1	..	..	..
Bathulapalle	1	..	..	..
Bomminaikapaliem	10	..	..	..
Kallapadi	9	..	..	..
Sanankuppam	1	..	..	..
Solavaram extension	..	..	..	..
Total ..	89		19	1,945
Ponniar	78	Damarakadu	9	..
Pinjur	14	Pichavaram extension	1	..
Mannurmangalam	6	Melkondalapadi topes	..	..
Eratiyarmalai	9	..	..	..
Uchimalai	5	..	..	..
Rayandapuram	11	..	..	..
Sorakolattur	12	..	..	..
Padipallam	6	..	..	..
Pakkamalai	23	..	..	..
Annamangalam	1	..	..	..
Perumpugai	1	..	..	..
Samimalai 1st bit	6	..	..	..
Kunjaram	8	..	..	..
Takarai	24	..	..	..
Rishivandiyam	9	..	..	..
Kaduvannur	8	..	..	..
Aviriyur	8	..	..	..
Odanyanachi	1	..	..	..
Ravathanallore	2	..	..	..
Marur	7	..	..	..
Melpalunkur	1	..	..	..
Settiyandal	3	..	..	..
Tachur	3	..	..	..
Pusapadi	3	..	..	..
Thottapadi	3	..	..	..
Kammapuram	..	..	..	..
Total ..	254	Total ..	10	4,525

• All blocks, the initial notifications of which are to be cancelled, are removed from this list.

Statement showing the Progress made in, and the expenditure,

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					In forest accounts.	In other accounts.	
1	2	3	4	5	6	7	8

<i>Central</i>							
South Arcot —cont.	sq. Mls. 464	No. 691, Rev., dated 22nd October 1895.	Varanjaram	1	Rs. ..	Rs. ..	Rs. A. P. ..
		No. 741, Rev., dated 14th Nov. 1895.	Alattur	1	..	..	..
		No. 825, Rev., dated 19th Dec. 1895.	Magarur	2	..	..	..
		No. 80, Rev., dated 18th Feb. 1896.	Parikam	1	..	..	..
		No. 100, Rev., dated 4th March 1896.	Sittal	3	..	..	..
		No. 140, Rev., dated 23rd March 1896.	Kuttakudi	2	..	..	..
		No. 610, Rev., dated 5th Sept. 1895.	Semakottai block extension ..	1	..	..	..
		No. 746, Rev., dated 15th Nov. 1895.	Parur block extension ..	..	..	..	..
		No. 771, Rev., dated 27th Nov. 1895.	Narimanam	2	..	..	..
		No. 131, Rev., dated 20th March 1896.	Velangulam	2	..	..	..
			Total ..	85	..	..	..
		No. 128, dated 19th March 1896.	Harur	3	..	..	..
		No. 139, dated 23rd March 1896.	Medugampalli, 2nd part ..	..	..	..	..
		No. 218, dated 18th April 1895.	Elavambadi	6	..	..	..
		No. 317, dated 23th May 1895.	Kavuramalai extension ..	6	..	..	..
Salem ..	1,089	No. 500, dated 31st July 1895.	Maharajagadai	11	..	..	..
		No. 577, dated 23rd August 1895.	Bonthical	1	..	..	..
		No. 579, dated 23rd August 1895.	Vellakuttai	2	..	..	..
		No. 578, dated 23rd August 1895.	Puvampatti extension ..	2	..	..	..
		No. 606, dated 5th September 1895.	Mangalakkal	1	..	..	..
		No. 602, dated 4th September 1895.	Mukkanur	3	..	1,945	..
		No. 598, dated 2nd October 1895.	Parappadipatti	..	..	..	..
		No. 607, dated 5th September 1895.	Bothakadu	5	..	..	..
		No. 787, dated 22nd December 1895.	Manur	15	..	..	..
		No. 840, dated 30th December 1895.	Jadayagounden slopes ..	19	..	..	..
		No. 814, dated 15th December 1895.	Alambadi	1	..	..	..
		No. 813, dated 16th December 1895.	Pelapalli extension ..	1	..	..	..
		No. 826, dated 19th December 1895.	Patthimedu	..	..	..	..
			Nagalur	18	..	..	..
			Thumbal	..	..	..	..
Trichinopoly. Tanjore .. South Canara.	192 19 114	No. 24, dated 20th January 1896.	Kuttar extension	2	..	..	..
		No. 133, dated 20th March 1896.	Thumbal do.	3	..	..	..
			Total ..	98	..	1,945	19 13 4

incurred on, Forest Settlements during 1895-96—cont.

Areas undergoing settlement.						Remarks.
At commencement of the year.		Taken in hand during the year.		Expenditure incurred during the year on areas undergoing settlement.		
Name of tract.	Area in square miles.	Name of tract.	Area in square miles.	In forest accounts.	In other accounts.	
9	10	11	12	13	14	
Circle—cont.						
....	..	....	..	Rs. ..	Rs. ..	
Kombur	4	Kappathu extension	8	..	..	
Bathamala extension	3	Kachuvadi	2	..	..	
Alavamalai do.	7	Sengadu	28	..	..	
Munnakal	2	Shelur	1	..	..	
Odiathur, West	3	Jambuthu extension	19	..	..	
Mavar	3	Ubbarani	2	..	..	
Pattimedu extension	3	Poongulam south-west ..	4	..	..	
Onnakarai	6	Kachuvadi extension ..	2	..	..	
Parunthukal	2	Nochiguddai	4	..	..	
Morapur	9	Vedampatti	2	..	..	
Oblinaikenpatti	3	Ponnagarapatti	6	..	..	
Uttangarai	5	Poongulam western extension.	2	..	..	
Kottipalli	5	Vellalagundam	5	..	..	
Thagarapalli extension	1	Poyyapatti	5	..	..	
Papinaickenhalli	5	Andiappanur extension ..	1	..	..	
Periapatti	5	.....	..	..	..	
Kalladipatti	4	.....	..	..	..	
Vathampatti	2	.....	..	..	..	
	72	Total ..	85	..	..	
Valayur	2	.....	..	..	..	
Herur	4	Balimane	20	..	..	
Hulimishipare	3	Baregundi	13	..	..	
Darlegudde	1	Baundur	10	..	..	
Menasinagude	1	Mavinaguli	2	..	..	
Hullumardi bare	16	Dottinabern	1	..	..	

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		Number and date of Government Order, according final sanction to the settlement.	Name of forest settled.	Area in square miles.	Expenditure incurred during the year on areas finally settled.		Entire cost per square mile of areas finally settled during the year.
					In forest accounts.	In other accounts.	
1	2	3	4	5	6	7	8

South Canara —cont.	sq. Mls. 114	....	....	..	Rs. ..	Rs. ..	Rs. A. P. ..
North Mala- bar.	151	No. 42, dated 28th Jan. 1896. No. 786, dated 2nd Dec. 1895. No. 130, dated 20th Mar. 1896. No. 42, dated 28th Jan. 1896. No. 640, dated 20th Sept. 1895.	Kallur .. Edathorai .. Muthanga .. Alathur .. Ponkuli ..	.. .. .. .. ..	.. .. .. .. ..	.. .. .. .. ..	.. .. .. .. ..
South Mala- bar.	39	....	....	..	..	..	..

(e) This includes cost of preparing and

incurred on, Forest Settlements during 1895-96—cont.

Areas undergoing settlement.							Remarks.
At commencement of the year.		Taken in hand during the year.		Expenditure incurred during the year on areas undergoing settlement.			
Name of tract.	Area in square miles.	Name of tract.	Area in square miles.	In forest accounts.	In other accounts.		
9	10	11	12	13	14	15	

Circle.

Guruvanakotehola ..	..	Someshwar ..	37	Rs.	Rs.
Halakihola ..	..	New Someshwar ..	4	..	..
Balkatthola ..	..	Mavinakodlu ..	3	..	..
Abbigudde ..	..	Aletti ..	25	..	..
Mudaregudde ..	12	..	..	..	..
Honnekodlu ..	..	..	..	..	..
Vadanaberuhola ..	..	..	..	..	..
Jarkalane ..	..	..	..	..	..
Surtihola ..	..	..	..	..	..
Hulikuppansane ..	..	..	..	..	..
Suraladvi ..	12	..	..	..	..
Mudugalpare ..	1	..	..	..	..
Nujina ane ..	10	..	..	..	..
Naganakalbare ..	9	..	..	..	..
Kamradihola ..	2	..	..	..	..
Mettakallugudde ..	..	..	..	..	..
Karakamadi ..	4	..	..	..	..
Nerlamaneakanu ..	..	..	..	..	..
Sampekere ..	17	..	..	..	..
Chittur ..	..	..	..	..	..
Kadike ..	..	..	..	..	..
Karnigudde ..	5	..	..	..	..
Sarpanamane ..	2	..	..	..	..
Ioddinamane ..	2	..	..	..	..
Murukodihola ..	30	..	..	..	..
Bakudihola ..	10	..	..	..	..
Madibare ..	28	..	..	..	..
Koratikalbare ..	5	..	..	..	..
Megani valley ..	20	..	..	..	..
Kursegudde ..	6	..	..	..	..
Tombattu ..	1	..	..	..	..
Sarikodlu ..	3	..	..	..	..
Jarvattukadu ..	2	..	..	..	..
Metkalgudde ..	101	..	..	..	..
Halisomeshwar ..	20	..	..	..	..
Jattakattumale ..	2	..	..	..	..
Naravi ..	..	..	..	..	..
Charmadi Kanapadi ..	..	..	..	..	..
Dodderi ..	..	..	..	..	..
Total ..	318	..	115	..	..
Padri ..	47	..	..	..	..
Periya ..	21	..	..	..	..
Kannoth ..	40	..	..	..	..
Kannoth extension ..	2	..	..	..	..
Periya extension ..	2	..	..	..	..
Total ..	112	..	..	..	..
Nilambur Range.					
Nilambur block ..	..	..	..	..	..
Pokote ..	..	..	..	..	..
Panangod ..	..	..	..	..	..
Valluaseri ..	..	..	..	..	..
Kanakut ..	..	..	..	..	..
Erambadam ..	..	..	..	..	..
Ambalakandi ..	..	..	..	..	..
Arimbracuttamala ..	169	..	..	..	..
Mangalasseri paramba ..	..	..	..	..	..
Ithalatha and chitharikal ..	..	..	..	..	..
paramba ..	..	..	..	..	..
Beypore tope ..	..	..	..	..	..
Amarampalem Range.					
Muriat ..	..	..	..	..	..
Karion ..	..	..	..	..	..
The new Amarampalem forest ..	..	..	..	..	..

putting up of sign boards.

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					In forest accounts.	In other accounts.	
1	2	3	4	5	6	7	8
<i>Southern</i>							
South Malabar— <i>cont.</i>	sq. mls. 39				rs.	rs.	rs.
Total ..	39						
Nilgiris ..	355	No. 493, dated 10th Sept. 1895.	Kalmalai	2	* 139	..	..
		No. 481, dated 10th Sept. 1895.	Itthalar reserve addition ..				
		No. 529, dated 24th Sept. 1895.	Singara reserve addition ..				
North Coimbatore.	..	NW.		..	..	..	..

incurred on, Forest Settlements during 1895-96—*cont.*

Areas undergoing settlement.						Remarks.
At commencement of the year.		Taken in hand during the year.		Expenditure incurred during the year on areas undergoing settlement.		
Name of tract.	Area in square miles	Name of tract.	Area in square miles.	In forest accounts.	In other accounts.	
9	10	11	12	13	14	15

Circles—cont.					
Palyhat Range.					
Thampurattipotta: alias cheripallam.	1			Rs.	Rs.
Dhoni alias Pilakatampalliparamba.					
Puliampally tope					
Attapady Valley.					
Block No. I	91		..	..	..
Do. " II					
Do. " III					
Do. " IV					
Total	260		..	58	..
Bikkal	1	Nirburra	..	..	..
Kallakorai					
Kariakorai					
Nirkul					
Araiayatti					
Vemmandu					
Attuboil					
Valibettu					
Turaiyalla					
Belthal					
Gundada					
Bulhattihulla					
Hakku					
Kottu					
Devashola addition					
Umarikandi					
Ulimokkai					
Pattakarai					
Osatti addition No. I					
Do. " II					
Neyyatti					
Bear hill					
Edaiyatti					
Kateri					
Palukkarai					
Bellimara					
Welbeck No. I					
Do. " II					
Do. " III					
Kudikadu					
Upper Karteri					
Pillimalaikorai					
Gundurai					
Guttialattur	280		..	..	..
Yedaralli	212		..	..	..
Ponnachi	246		..	..	..
Hanur	34		..	..	..
Sullipalayam	1		..	..	..
Voipadi	1		..	..	..
Thambitalayan	1		..	..	..
Ellapalayam					
Villikaradu					
Virumandampalayam	2		..	..	..
Arachalur Hill	2		..	..	..
Kongampalayam	1		..	..	..
Sennimalai	3		..	..	..
Pandiyampalayam	2		..	..	..
Sinnavirasanjili	2		..	..	..
Arachalur	2		..	..	..
Total	789		..	..	..

* This has been expended this year on account of the settlement of Sigur and Hiria Shego addition during 1894-95.

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					In forest ac- counts.	In other ac- counts.	
1	2	3	4	5	6	7	8
South Coimbatore.	651			..	RS.	RS.	RS. A. P.
	539	No. 354, dated 12th June 1895.	(a) Kuchukaradu	3	}	..	..
		No. 550, dated 13th August 1895.	Nedumalai				
		No. 70, dated 12th February 1896.	Perumalmalai shola				
		Do. do.	Gundar	8	}	2,154	..
		Do. do.	Manavartan kanal				
		Do. do.	Kundukadu kanal				
		Do. do.	Tulkadu kanal				
		Do. do.	Kuttiukalkadu kanal				
		Do. do.	Karumalai				
		No. 86, dated 22nd February 1896.	Pannitulum kanal				
		No. 78, dated 15th February 1896.	Kolaviri kanal				
		Do. do.	Chendanur				
		Do. do.	Pukadu				
		Do. do.	Kilavoil	6	}	..	..
		No. 101, dated 4th March 1896.	Glenfall's shola				
		Do. do.	Parappan shola				
		Do. do.	Nettle shola	5	}	..	..
		Do. do.	Kalrankavai shola				
		Do. do.	Gundar valley				
		No. 239, dated 6th June 1896.	Mungilkaradu (b)	3	}	..	..
		No. 232, dated 4th June 1896.	Sami kanal				
		No. 261, dated 13th June 1896.	Perumalmalai				
		No. 258, dated 13th June 1896.	Sirumalai north-east slopes ..	3	}	..	..
Tinnevely.	411			25	(c) 2,154	..	86 2 6

(a) Settled the previous year but to take effect during the year.

(b) Reservation of Mungilkaradu and the following three blocks take effect from 1896-97.

(c) One-fifth of the total cost of Forest Settlement-officer's establishment as per statement furnished by him

incurred on, Forest Settlement during 1895-96—cont.

Areas undergoing settlement.						Remarks.
At commencement of the year.		Taken in hand during the year.		Expenditure incurred during the year on areas undergoing settlement.		
Name of tract.	Area in square miles.	Name of tract.	Area in square miles.	In forest accounts.	In other accounts.	
9	10	11	12	13	14	15

Circle.	ACS.		RS.	RS.
Elaiyamathur	3	Nellimalai	3	..
Dhali	3		3	..
Andigoundanur	3		..	..
Mannadimangalam	2		..	..
Kodimangalam	5		..	..
Nellitevanpatti	5		..	..
Kuppavamadai	10		..	..
Andipatti (south)	3		..	..
Mulaiyar	2		..	..
Tiger shola	7		..	..
Anagiri shola	7		..	..
Manjampatti	3		..	..
Kadavumalai	3		..	..
Koviladi	5		..	..
Siranganimalai	1		..	..
Umair	2		..	..
Kodavanur	5		..	..
Sirumalai north-west slopes ..	1		..	..
Usilampattu	2		..	..
Sanamalai	6		..	..
Sakkimangalam	11		..	..
Pappanmalai	2		..	..
Erakulamalai	3		..	..
Thoppasamimalai	2		..	..
Methugamalai	2		..	..
Chinnappatti Karadu	2		..	..
Vellamalai Nedumalai	2		..	..
Nedumalai	73		..	..
Wolf Hill	2	Manpothai	2	(d) 2,215
Thalaiyuttu block C	1	Melapattam	2	..
Do. A.	3	Gengaikondan	4	..
Manur	3	Vaippar	2	..
Mullakadu block	1	Extensions to Kottamadakki- kadu reserved forest Block I.	1	..
Block I adjoining Vallanad Hills A.	1	Do. Block III	..	..
Do. II do. do.	..	Do. Block IV	..	..
Do. III do. do.	7	Do. Block V	..	..
		Chintamany block	..	..
			11	

* Excludes 5 lakhs the notifications of which have been since cancelled.

Rs. 593-6-5 was paid as compensation during the year for rights acquired in Vannathiparai reserved forest, directly under the Acquisition Act and not in the course of settlement. The block was declared reserved forest under section 25 in 1883 and this acquisition was started in 1890.

(d) Acquisition of lands.

RECORD of Demarcation and Maintenance of boundaries.

District.	Length of boundaries artificially demarcated during the year.	Length of previously existing boundaries repaired.	Length of previously existing boundaries not repaired.	Total length of artificially marked boundaries at the close of the year.	Length of boundaries not demarcated at close of year.	Length of natural boundaries not requiring artificial marks.	Total length of boundaries at the close of the year.	Expenditure on demarcation during the year.	
								On new work.	On repairs.
1	2	3	4	5	6	7	8	9	10
Northern Circle.									
Ganjām	62	83	(a) ..	(a) 145	(a) ..	(a) ..	(a) 145	856	234
Vizagapatam	152	99	226	477	386	19	882	780	100
Godāvari (b)	185	174	371	680	208	365	1,253	712	579
Kistna	346	23	1,191	1,560	Not given.	1,560	3,719	1,111	
Kurnool	203	(c) 8	1,121	1,332	485	(d) 2,013	826	27	
Bellary	497	200	309	1,006	552	1,554	2,533	486	
Anantapur	124	(e) 10	(f) ..	134	35	169	533	89	
Total	1,519	597	3,218	5,334	1,666	580	7,580	9,959	2,626
Central Circle.									
Cuddapah	336	8	1,814	2,158	580	..	2,738	2,435	3
Nellore	6	15	1,016	1,037	67	86	1,190	230	157
Chingleput	90	1,078	..	1,168	..	..	1,168	2,814	566
North Arcot	214	2,180	22	2,416	(g) 60	12	2,488	1,804	1,538
South Arcot	289	23	1,128	1,445	600	..	2,045	3,805	614
Salem	286	591	1,831	2,708	203	37	2,948	1,263	614
Trichinopoly	439	(h) ..	1,581	(i) 2,020	42	..	2,062	1,690	8
Tanjore	..	12	318	330	..	..	330	..	..
Total	1,660	3,912	7,710	13,282	1,552	135	14,969	14,045	2,916
Southern Circle.									
South Canara	232	..	2,079	2,311	55	2	2,368	123	..
Malabar, North	7	1	463	471	50	2	553	284	10
Do. South	5	..	120	125	58	92	275	203	..
Nilgiris	39	82	746	867	..	160	1,027	643	1,384
Coimbatore, North	(j) 143	(j) 31	(j) 455	(j) 629	(j) 167	(j) 229	1,025	2,599	134
Do. South	6	44	427	476	..	77	553	21	265
Madura	..	2	(k) 1,611	1,613	..	..	1,613	..	20
Tinnevely	58	33	371	462	189	17	668	109	223
Total	489	193	6,272	6,954	549	579	8,082	3,982	2,036
Grand Total	3,668	4,702	17,200	25,570	3,767	1,294	30,631	27,986	7,578

N.B.—Boundaries include, besides the outer perimeter, the limits of enclosures of private or other lands within the forests, but not the limits of sub-divisions, such as blocks, compartments, coupes.

(a) Information cannot be accurately given without local inspection of the boundaries of all blocks.

(b) The figures in columns 2 to 8 are not quite accurate as all the reserves are unsurveyed and the maps, only sketches.

(c) Represents only work on which expenditure was incurred.

(d) Boundaries, common to two reserves, are taken as single boundary lines.

(e) The repairs were carried out to boundary pillars only in scattered localities.

(f) Information not available.

(g) An estimate only.

(h) A considerable length of line was repaired free of cost by watchers and coolies, being allowed to remove in return for their services the roots and brush grubbed up by them.

(i) Of these, 980 miles consist of the perimeter of blocks of less than 1 square mile selected and demarcated prior to the recent orders but now thrown out and also the perimeter of those blocks which were once preliminarily but are now permanently demarcated.

(j) The lengths given are all only approximate.

(k) Taken from the survey of India maps and includes the length of natural boundaries. In the case of a boundary, common to two blocks, the length for each block has been taken into account. The necessary correction will be made in the next year's annual report.

Note.—The total expenditure against all the districts except Ganjām, Godāvari, Anantapur, Chingleput, Trichinopoly, Tanjore, Coimbatore (North), and Madura does not tally with the audited figures given against VIII (a) in Form No. 59 of the Accountant-General.

ANNUAL FORM No. 47.
Forest Department, Madras Presidency.
STATEMENT of Forest Areas surveyed and under survey during the year 1895-96.

Districts.	Areas surveyed and under survey during the year 1895-96.									
	Special Surveys—Maps on 4-inch scale or over by Survey of India Department or Madras Survey.					Ordinary, included in district surveys.				
	Boundary surveys.					Boundary Surveys.				
	With details of growing stock.	Without details of growing stock.	Previous.	Of year.	Total cost.	With interior details.	Without details of growing stock.	Previous.	Of year.	Total cost.
1	2	3	4	5	6	7	8	9	10	11
Northern Circle.										
Ganjām	sq. mls.	sq. mls.	sq. mls.	sq. mls.	sq. mls.	sq. mls.	sq. mls.	sq. mls.	sq. mls.	sq. mls.
Vizagapatam	..	..	..	..	..	..	..	..	..	..
Godāvari	..	..	..	..	..	..	..	..	..	..
Kistna	..	..	..	..	..	..	..	..	..	..
Kurnool	..	..	..	..	..	..	..	..	..	..
Bellary	..	..	..	..	..	..	..	..	..	..
Anantapur	..	..	..	..	..	..	..	..	..	..
Total	..	..	..	..	..	..	..	..	..	..
Central Circle.										
Cuddapah	..	..	..	..	..	..	..	..	..	..
Nellore	..	..	..	..	..	..	..	..	..	..
Chingleput	..	..	..	..	..	..	..	..	..	..
North Arcot	..	..	..	..	..	..	..	..	..	..
South Arcot	..	..	..	..	..	..	..	..	..	..
Salem	..	..	..	..	..	..	..	..	..	..
Trichinopoly	..	..	..	..	..	..	..	..	..	..
Tanjore	..	..	..	..	..	..	..	..	..	..
Total	..	..	..	..	..	..	..	..	..	..
Southern Circle.										
South Canara	..	..	..	..	..	..	..	..	..	..
North Malabar	..	..	..	..	..	..	..	..	..	..
South Malabar	..	..	..	..	..	..	..	..	..	..
Nilgiris	..	..	..	..	..	..	..	..	..	..
North Coimbatore	..	..	..	..	..	..	..	..	..	..
South Coimbatore	..	..	..	..	..	..	..	..	..	..
Madura	..	..	..	..	..	..	..	..	..	..
Tinnevely	..	..	..	..	..	..	..	..	..	..
Total	..	..	..	..	..	..	..	..	..	..
Grand Total	..	..	..	..	..	..	..	..	..	..

(a) Exclusive of over lap and demarcated enclosures.

(b) Not given by the Collectors; will be ascertained next year.

ANNUAL REPORT OF THE

Areas surveyed and under survey during the year 1895-96—cont.															
Districts.	Chain and compass or other surveys by local officers.										Total forest area at the end of year, as per form No. 44.			Cost.	
	With interior details.					Boundary surveys.									
	4-inch or over.		Under 4-inch.		Total cost.	Previous.	Of year.	Total cost.	Previous.	Of year.					
	Previous.	Of year.	Previous.	Of year.											
		18	19	20	21	22	23	24	25	26	27	28	29	30	
<i>Northern Circle.</i>															
Ganjān ..	sq. mls. 114	sq. mls. 131	sq. mls. ..	sq. mls. ..	rs. 2,403	sq. mls. ..	sq. mls. 120	rs. 852	sq. mls. (a) 148	sq. mls. 659	rs. 5,538	rs. 852	rs. 6,390		
Vizagapatam ..	..	..	..	..	..	..	..	..	..	415	1,158	1,245	2,403		
Gōdāvari ..	..	..	..	..	Nil.	..	..	..	80	975	3,238	1,633	(c) 4,871		
Kistna ..	..	1	..	..	..	72	69	4,871	(b) 523	1,212	2,409	2,284	4,993		
Kurnool ..	..	5	..	..	254	..	40	650	1,743	2,244	..	884	332		
Bellary ..	..	32	..	..	..	..	..	..	73	637	..	901	901		
Anantapur ..	..	..	..	..	..	..	..	..	..	517	..	..	..		
Total ..	424	169	..	..	2,657	72	229	16,353	3,367	6,569	12,343	8,131	20,474		
<i>Central Circle.</i>															
Cuddapah ..	..	..	..	..	..	..	..	..	..	2,357	..	..	..		
Nellore ..	..	..	..	..	..	..	..	..	..	661	..	..	..		
Chingleput ..	..	..	..	..	..	..	..	..	..	238	..	..	..		
North Arcot ..	..	..	..	..	..	..	..	..	..	1,131	..	..	..		
South Arcot ..	..	6	..	..	(d) 52	..	..	..	(e) 625	779	..	..	..		
Salem ..	..	..	..	..	..	233	413	1,377	377	1,464	1,733	1,330	3,063		
Trichinopoly ..	..	1	..	..	..	..	..	..	160	233	..	..	..		
Tanjore ..	..	..	..	..	..	..	..	..	..	19	..	..	..		
Total ..	7	..	..	..	52	233	413	1,377	1,162	6,882	1,785	1,330	8,115		
<i>Southern Circle.</i>															
South Canara ..	..	..	..	15	..	..	67	..	186	1,133	..	1,517	1,517		
North Malabar ..	..	48	676	..	..	..	..	..	60	329	166	347	513		
South Malabar ..	..	..	..	..	..	..	..	..	..	432	..	..	..		
Nilgiris ..	..	..	..	..	..	..	..	..	..	1,717	..	..	..		
North Coimbatore ..	..	..	..	..	..	..	..	..	..	657	..	..	..		
South Coimbatore ..	..	..	..	..	..	..	..	..	..	649	..	..	..		
Madura ..	..	..	..	..	..	..	..	..	..	428	..	..	..		
Tinnevely ..	..	..	..	..	..	..	..	..	..	..	..	..	..		
Total ..	221	48	676	15	..	133	67	..	200	5,637	100	2,180	2,346		
Grand Total ..	652	215	676	15	2,709	438	709	7,730	4,789	19,078	14,294	11,641	26,935		

(a) Cannot now be estimated with any accuracy. (b) One hundred and thirteen square miles surveyed but not plotted and the charge in column 25 includes this.
 (c) Column 30 includes all district surveys. (d) So far as known. (e) Excludes 49 square miles proposed to be abandoned.
 (f) One hundred and thirty-seven square miles will be surveyed by the survey of India Party and outline sketches for the remaining area have been prepared by the Madras Revenue Survey Department.
 (g) Includes Attapadi valley (51 square miles) the demarcation and survey of which is not settled.

ANNUAL FORM No. 48.
 Forest Department, Madras Presidency.
 PROGRESS made in Working Plans.

District.	Areas for which working plans have been completed.		Areas for which working plans are being compiled.		Areas for which working plans have still to be taken in hand.	Total Forest area, as in Form No. 44	Entire cost per square mile of working plans completed.
	At commencement of year.	During year.	At commencement of year.	Taken in hand during year.			
1	2	3	4	5	6	7	8
	sq. mls.	sq. mls.	sq. mls.	sq. mls.	sq. mls.	sq. mls.	rs.
<i>Northern Circle.</i>							
Ganjām ..	..	..	..	..	559	559	..
Vizagapatam ..	..	21	..	..	(a) 415	415	Nil.
Gōdāvari ..	10	..	53	628	944	975	Nil.
Kistna ..	8	..	..	..	523	1,212	..
Kurnool ..	12	..	38	..	2,244	2,244	..
Bellary ..	1	..	..	..	587	637	..
Anantapur ..	..	..	..	..	516	517	..
Total ..	31	21	91	628	5,788	6,559	..
<i>Central Circle.</i>							
Cuddapah ..	3	..	..	..	2,354	2,357	..
Nellore ..	..	..	..	..	661	661	..
Chingleput ..	..	..	..	..	238	238	..
North Arcot ..	5	53	4	18	1,131	1,131	(c) 52
South Arcot ..	1	..	..	32	(b) 650	779	Nil.
Salem ..	(d) 1	15	..	4	1,463	1,464	(c) Nil.
Trichinopoly ..	..	..	..	..	185	233	..
Tanjore ..	..	..	..	..	15	19	..
Total ..	10	68	4	54	6,697	6,882	..
<i>Southern Circle.</i>							
South Canara ..	..	..	..	..	1,134	1,134	..
Malabar, North ..	34	1	..	..	272	272	..
Do. South ..	5	..	..	..	294	328	99
Nilgiris ..	2	6	..	16	446	452	83
Coimbatore, North ..	..	..	13	2	1,717	1,717	..
Do. South ..	5	..	..	..	649	657	..
Madura ..	..	7	13	18	633	649	..
Tinnevely ..	..	..	..	..	408	428	81
Total ..	46	7	108	700	5,553	5,637	..
Grand Total ..	87	96	108	700	18,038	19,078	..

(a) No working plans can be prepared till maps are prepared. (b) Excludes blocks proposed to be abandoned.
 (c) So far as known. (d) Plantations on the south bank of the Cauvery. (e) Prepared by the ordinary staff.

ANNUAL
Forest Department,
Communications

Communication

New work undertaken during the year.

District.	Buildings.		Roads and paths.			Total expenditure on new work.
	Description of building.	Expenditure incurred.	Road or path and object of the same.	Length of road or path.	Expenditure incurred.	
1	2	3	4	5	6	7

Ganjām

Construction of sheds for permit-issuing gumastahs, &c.—

Suramoni shed	77
Gangupur shed	70
Panchibhuthi shed	16
Berhampore shed	71

RS.

Block lines.

	MLS.	RS.	RS.
Jodobondo-Gullery	4	180	
Jodobondo-Kutinkuppa	1	10	
Boppangi-Birkot	1	50	
Malachencharapalli-Kontaipalli	1	19	
Birkot-Konubondo	1	32	
Sanogondo-Dantulingi	1	3	
Pippalaponka-Sanogondo	2	4	
Sanogondo-Jedingibondo	1	3	
Conchia-Kattibadi	2	15	
Maharatapalli-Korasingi	1	13	
Bodopoda-Jatra	1	10	
Kurcholly-Tikarapalli	1	7	
Somolayi-Panchiboothi	2	8	
Jodopoda-Singapur	2	8	
Kriamba-Jodopoda	2	17	
Banasuro Kriamba	1	56	
Singapur-Nuvapalli		20	

Roads.

Telike-Rogoda road	176,377 square feet.	181
--------------------------	----------------------	-----

Total, Ganjām ..

234

Palkonda.

Rest-house at Gudlagora	236
Palavalasa tanna	28
Forest guard's shed at Kaviti	25
Narasipuram tanna	32
Gopalapuram forest shed	12
Veeragattam tanna	18
Gudlagora lines	34
Venkatapuram tanna	6

Golgonda.

Rest-house at Kodavatipudi	76
Do. at Nathavaram	400
Do. at Krishnadanipet	204
Elephant shed	40
Lines for mahout	40
Out-houses to Kodanatipudi	15
rest-house	

Sarvasiddhi.

Rest-house at Kotali	400
Hut in Padapalli	44
Hut near the well in Padapalli	23
Stables in Kotali	24

Total, Vizagapatam ..

1,657

Total ..

636

870

Palavalasa-Bornica road ..

1

115

Padapalli road ..

3

375

Total ..

490

2,147

* For clearing only.

FORM No. 49.

Madras Presidency.

and Buildings.

[illegible]

Circle.

		RS.	Repairing block lines.			MLS.	RS.	RS.
Pay of bungalow-watchers and re-			Geroda-Komosoro ..		1			
thatching, &c.—			Ketmundate-Kondgallery ..		2		18	
Tilsingi bungalow	70		Busabusa-Somorobondo ..		1			
Chendragiri do.	60		Lambhai-Gorodopothoro ..		1		5	
Gayagonda do.	60		Lambhai-Chandragiri ..		1			
Gemdribady do.	60		Sorosomolo-Budagocha ..		2		14	
Bontha do.	60		Pudringi ..				1	
Jagannadhaprasad do. ..	122		Kutnikuppa-Suppunakalo ..		1		4	
Tarsingi do.	62		Budogocha-Kutnikuppa ..				5	
Russelkonda do.	201		Samarada ..		1		1	
Hattiguda do.	60		Godaipoda-Ketunumdali ..		2		7	
Baibally do.	60		Gayagonda-Gogodo ..		2		7	
Rambha do.	60		Kutnikuppa-Komosoro ..		1		3	
Gullery do.	57		Sisund-Tirikuppa ..		1		4	
Russelkonda depôt	25		Tirikuppa-Kethwenedali ..				2	
Osurobondo bungalow ..	73		Komosoro-Jainopalli ..				6	
Latipada do.	72		Komosoro-Busabusa ..		2		9	
Surada do.	74		Pudringi-berumabady ..		1		3	
Kuroholly do.	30		Gudadandi-Modhapur ..		3		21	
Berhampur do.	248		Birkot-Longolokolo ..		4		24	
Chatrapur do.	63		Kalagam-Chunapalli ..		5		31	
			Mudlapalli-Bankaneddi ..		4		25	
			Kutnikuppa-Miniari ..		1		9	
			Jodobondo-Dangnapalli ..		2		8	
			Budili-Raipalli ..		2		10	
			Vinjigiri-Siddapodro ..		2		9	
			Pondokai roads ..		2		27	
			Latipada-Tinkondia ..		3		2	
			Gurandia-Dubady ..		2		6	
			Bankanedi-Tinkondia ..		2		7	
			Other works		..	268	1,785	
					..	..	25	
Total ..	1,517		Total ..		..	268	1,810	
<i>Palkonda.</i>			<i>Golgonda.</i>					
Velagada tanna	12		Arlova road.. ..		5	178		
Veeragattam permit-gumastah's shed ..	20		Krishnadanipect road			307		
Doors for existing buildings	30		Narasapatam Range office road		1	19		
Jambada bungalow	44							
<i>Golgonda.</i>			<i>Sarasiddhi.</i>					
Repairs to Narasipatam Range office ..	45		Vamagiri	RS. A. P.				
Gantavarikottagudem shed	50		Gokivada	18 2 0				
Padapet bungalow	50		Punchadharla.. ..	5 3 6				
Golgonda rest-house	47		Ramballi	4 11 0				
Repairs to Narasipatam Range office ..	50			2 10 6				
Add as per Accountant-General's audited figures	108		Total ..	30 11 0	6	31		
			Add as per Accountant-General's audited figures		..	19		
					12	554	1,008	
			Other works		..	..	47	
Total ..	454		Total ..		12	554	1,055	

Communications

Communication												
Districts.	New work undertaken during the year.											
	Buildings.		Roads and paths.			Total expenditure on new work.						
	Description of building.	Expenditure incurred.	Road or path and object of the same.	Length of road or path.	Expenditure incurred.							
1	2	3	4	5	6	7						
Gódvári ..	Rest-house at Mallavaram ..	Rs. 239	1. Puliramudugudemchinthapalli road ..	4	320	Rs. 320						
	Do. at Rajavommangi ..	88										
	Rest-house at Puliramudugudem ..	549										
	Rest-house at Sukamamidi ..	246										
	Do. at Yeduguralapalli with outhouses ..	154										
	Rest-house at Kondepudi ..	153										
	Outhouse to the Mulagalampalli bungalow ..	7										
	Outhouse to Mallavaram bungalow ..	60										
	Tannadar's shed at Yenavaram ..	49										
	Elephant shed at Rekapalli ..	30										
	Sinking a well in the compound of Mulagalampalli bungalow ..	40										
	Facing the above well ..	106										
	Total, Gódvári ..	1,721										
Fistna ..	Platforms to pitch tents near range camps at Chezerla, Gutlapelli and Brahmadevanibhavi ..	90					Road from Karempudi to Adigoppala and Brahmadevanibhavi ..	10	563	Rs. 563		
	Range camp, Srigiripad ..	290										
	Do. Nagalavaram ..	290										
	Do. Daid ..	300										
	Do. Guttikonda ..	270										
	Total, Kistna ..	1,240	Road from Veerabhadrapuram to Srigiripad ..	8	410	Rs. 410						
							Veerudi Banama road ..	6	390			
										Road from Ibrampatam to Loga ..	4	503
	Total ..									2,041		
Kurnool ..	Part construction of Nandyál Range house ..	3,190	Part construction of a road on both sides of Chelama Railway station line to the intended level crossing ..	28	2,266	3,506						
	Construction of forest guard's and tannadar's house at Gandluri in Sirvel taluk ..	335										
	Part construction of forest guard's and tannadar's house at Bundlagudda ..	383										
	Completion of a tanna house at Morvakonda commenced previous year ..	23										
	Completion of a tanna house at Musalinedju ..	22										
	Completion of Chelama cooly lines commenced in previous years ..	19										
	Part petty construction of a forest guard and line peon's hut ..	30										
	Total, Kurnool ..	4,002										
Bellary ..	Forest guard's hut at Shivapuram ..	104	Laying out a road from Gazulpalli bungalow to Railway level crossing and drawing the compound ..	..	31	Rs. 31						
	Forest guard's hut at Jittana-gattu ..	96										
	Forest guard's hut at Nallapuram ..	55										
	Forest guard's hut at Kallahalli ..	85										
	Forest guard's hut at Minecheri ..	63										
	Do. at Malpanagudi ..	103	Total ..	..	299	4,301						
	Total, Bellary ..	506										
			Total ..	..	..	506						

and Buildings.

Repairs executed during the year.					
Buildings.		Roads and paths.			Total expended on repairs.
Nature of repairs.	Expenditure incurred.	Nature of repairs.	Length repaired.	Expenditure incurred.	
8	9	10	11	12	13

Circle—cont.					
For retiling and roofing and repairing the walls of Mulagalampalli rest-house	Rs. 113	1. Repairs and improvements to the cart-track from Gudikonda to Timmalayapalem	MLS. 7	Rs. 72	Rs.
Rethatching of Rekapalli rest-house	26	2. Repairs and improvements to the cart-track from Pidatanaimudi to Timmapuram		475	
Do. of Jaggampeta tannadar's shed	3				
Repairs and retiling of Senkavaram tannadar's shed	25				
Repairs of Mogaltur tannadar's shed	7				
Repairs of Jidiguppa rest-house	42				
Pay of bungalow watchers	484				
Total ..	700	Total ..	7	547	1,247
Kitchen attached to Kondapalli bungalow	5	Repairs to Kondapalli hill road, 2nd and 3rd sections	1	369	
Shed at Kara	17	Total ..	1	369	512
Shed at Gopuvinipalem	10	Other works A-VII (c)			388
Hut at Kothapalem	25				
Watchers' huts, Adavuladivi	27				
Huts, Lankavanitippa	46				
Shed at Bombay basin	16				
Deduct as per Accountant-General's figures	3				
Total ..	143	Total ..	1	369	900
Repairs to Cumbum bungalow purchased from Railway Department	1,436	Part repairing the Mantralakanama ghât road taken over from Local Fund Department		326	
Repairs to Atmakur rest-house (part)	184	Repairing the road from Komitivaniabavi to Adutla	7	100	
Part repairs to Adutla bungalow	70	Do. the Pocheruvu tank bund so that road may be continued to the rest-house		815	
Do. to Mantrala house	44	Do. the Ernapad timber slide and cart-track		108	
Do. to Bairunti bungalow	25	Clearing the public paths and cart-tracks admitted in the settlement	144	205	
Repairs to Venkatapuram tanna house	60		151	1,054	3,414
Petty repairs costing below Rs. 50 each to 6 works	105	Others works A-VII (c)			77
Cost of establishment	436				
Total ..	2,360	Total ..	151	1,054	3,491
Sundar Range house	497	Repairs to the Donimalai road	4	190	
Donimalai rest-house	45	Do. to cart-tracks in 10-B compartment	1	50	
Tanna shed at Yettinahatty	1				
Total ..	543	Total ..		240	783

* Metalling.

Communications

New work undertaken during the year.						
Districts.	Buildings.		Roads and paths.			Total expenditure on new works.
	Description of building.	Expenditure incurred.	Road or path and object of the same.	Length of road or path.	Expenditure incurred.	
1.	2.	3.	4.	5.	6.	7.
Anantapur ..	Rest-house at Bukkapatnam under construction (partly constructed)	Rs. 695		MILS.	RS.	Northern
	Construction of a tannah hut at Kodur	8	....	..	..	..
				..	..	..
	Total, Anantapur ..	703				
	Total, Northern Circle ..	10,063				
					4,011	703
						14,074
Cuddapah ..	Rest-house at Bhakrapet, Vayalpad range	935				Central
	Erection of pandal on three sides of Forest bungalow, Piler, Vayalpad range	37	..	..	..	..
	Construction of a Forest guard's hut at Mannimappalli, Cuddapah range	20	..	..	..	..
	Construction of a Forest guard's hut at Maddimidugu, Cuddapah range	20	..	..	..	..
	Construction of a kitchen for Venkatapuram shed	9	..	..	..	..
	Pedarallasagudu road extension (export of timber to railway station)		..	..	..	..
	Road in Lankamali reserve to facilitate transport of timber.		1	230	..	..
	Pedarallasagudu road with three culverts (export of timber to railway station)		..	319	..	..
			1	108	..	..
	Total ..	1,021				
Nellore ..	.....	..			657	1,678
						..

and Buildings—*cont.*

Repairs executed during the year.					
Buildings.		Roads and paths.			Total expended on repairs.
Nature of repairs.	Expen- diture incurred.	Nature of repairs.	Length repaired.	Expen- diture incurred.	
8	9	10	11	12	13

Circle—cont.

	RS.		MLS.	RS.	RS.
Re-thatching the stables attached to the Forest bungalow at Konappanayanapalli	50	Re-metalling the road leading from Kothakota to Konappanayanapalli bungalow.	3	36	..
Repairs to roof of the range office at Bukkapatnam	2	Re-metalling the road in the Awagondapaliem reserve	1	2	..
Do. Patha Kothacheruvu Forest bungalow	50				
Do. Forest guards' quarters at Guttur	78				
Do. Head-quarter's bungalow	15				
Clearing compound and cutting grass, &c., and planting milk and thorny hedge in the head-quarter's bungalow	39				
Cost of establishment and sundries	304				
Total	538	Total	4	38	576
Total, Northern Circle	6,255		..	3,070	9,862

Circle.

Repairs to Kodur depôt peons' hut ..	4				
Do. Reddipalle tannahdars' hut ..	6				
Do. Pullampet gardener's hut ..	4				
Do. Kodur tannah house ..	55				
Do. Forest bungalow, Vontimittah (re-roofing) ..	92				
Re-construction of a tannah shed at Gollapalli ..	15				
Repairs to Rajampet depôt fence ..	1				
Do. Sidhout range bungalow ..	67				
Do. Tannah hut at Pattur ..	10				
Do. Forest guard's hut at Idupalapaya ..	14				
Do. Forest guard's hut at Nallamadu ..	21				
Do. tannah hut at Bijipalli ..	8				
Do. Piler forest bungalow ..	40				
Do. Forest guard's hut at Buduguntapalli ..	4				
Do. Forest guard's hut at Rollamadugu ..	4				
Do. Forest guard's hut at Chimbalachelaka ..	4				
Do. Forest guard's hut at Kutamari ..	4				
Do. Tannah shed at Jinigapalli ..	5				
Do. " " at Doddupalli ..	4				
Do. Forest guard's hut at Vollurivaipalli ..	6				
Do. Tannah at Kummavandlabhavi ..	4				
Do. Tannah at Nayanivaripalli ..	6				
Do. Rest-house at Peddabhavi ..	44				
Do. Forest guard's hut at Tambaliapalli ..	12				
Do. Forest guard's hut at Tettu ..	12				
Cost of bungalow watcher ..	255				
Sundries ..	20				
		Clearing channel and filling up ruts in Balapalli-Vayalpad road wherever necessary ..	16	50	..
		Repairs to Peddarallasagadu road ..	1	863	..
		Tramway expenses ..	..	23	..
		Deduct as per Accountant-General's statement ..	..	5	..
Total ..	710	Total ..	17	451	1,161
Add as per Accountant-General's Statement Form No. 59 ..	24		..	..	24

Communications

Districts.	New work undertaken during the year.				
	Buildings.		Roads and paths.		Total expenditure on new works.
	Description of building.	Expenditure incurred.	Road or path and object of the same.	Length of road or path.	
1	2	3	4	5	6
					7

Central

Chingleput ..	Construction of an out-house with stables to the new rest-house at Bathiavedu ..	100			
	Total ..	100			100
<i>A-VII (b)—Buildings.</i>					
North Arcot ..	Erection of a shed at Nagaputta.	10			
	Completion of a rest-house at Nelliputta ..	90			
	Kitchen at Nelliputta ..	33			
	Shed at Mulakad ..	60			
	Do. Amerdi ..	12			
	Erecting walls to the stable at Arungaldroog ..	15			
	Construction of a stable at Odugathoor ..	72			
	Construction of a stable and kitchen at Kilminnel ..	69			
	Total ..	361			
<i>A-VII (a)—Roads and Paths.</i>					
	Peddur road ..		2	1,940	
	Total ..		2	1,940	2,301
South Arcot ..	Erecting a platform in front of the Melpat bungalow, Tiruvannamalai range ..	88			
	Construction of a stable in the Chengam rest-house ..	19			
	Construction of an apron around the Kavuthi well ..	89			
	Total ..	196			196

and Buildings—cont.

Repairs executed during the year.				
Buildings.		Roads and paths.		Total expended on repairs.
Nature of repairs.	Expenditure incurred.	Nature of repairs.	Length repaired.	
8	9	10	11	12
				13

Circle—cont.

Repair of new rest-house at Sathia-veda ..	25			
Do. Nellikuppam rest-house ..	75			
Do. Kadoor tannah ..	3			
Do. Guindy tannah ..	6			
Total ..	109			109
<i>A-VII (b)—Buildings.</i>				
Repair of Paradarami rest-house ..	33			
Do. Mamundur rest-house ..	11			
Do. Naikaneri bungalow and stable ..	14			
Do. Palmanér range office ..	21			
Do. Peddur rest-house ..	9			
Do. Morthona bungalow ..	9			
Do. Kitchen to Morthona bungalow ..	25			
Do. Arungabdrug rest-house ..	5			
Do. Satghur bungalow ..	4			
Do. Ambur rest-house ..	29			
Do. Kylasagiri bungalow ..	8			
Do. Odugathur rest-house ..	3			
Do. Attuvambadi rest-house ..	60			
Do. Patrakad bungalow ..	1			
Do. large and small bungalow at Amardi ..	120			
Do. Mandapari bungalow ..	146			
Add pay of rest-house watchers ..	476			
Total ..	974			
<i>A-VII (a)—Roads and Paths.</i>				
Repair of Musalimadugu road ..	3	75		
Do. Kylasagiri road ..	..	88		
Do. Santavasal Shumboga tope road ..	..	49		
		212		1,186
<i>Other Works.—A-VII (c)</i>				
				78
Total ..		212		1,264
Repairs to No. II range office ..	7			
White-washing the guards and watchers line at Paramandal ..	7			
Repairing the Kairethi compound ..	2			
Repairs to the roof of the kitchen at Tiruvannamalai ..	7			
Repairs to the stable at Tiruvannamalai ..	22			
White-washing the Tirukkóyilér range office building ..	7			
Repairs to the gate of the Tiruvannamalai rest house ..	9			
Do. the Shanikulam shed ..	1			
Do. the Tiruvannamalai range office compound ..	1			
Do. the Killai forest shed ..	5			
Add cost of establishment under A-VII (b) ..	349			
Total ..	417			
Repairing the ghat road Tenmalais ..	7	69		
Add cost of establishment under A-VII (a) ..	..	122		
Total ..	7	191		608
Other works ..	..	..		113
Grand total of expenditure under A-VII (a), (b) and (c) ..	7	191		721

Communications

Communication						
Districts.	New work undertaken during the year.					
	Buildings.		Roads and paths.			Total expenditure on new work.
	Description of building.	Expenditure incurred.	Road or path and object of the same.	Length of road or path.	Expenditure incurred.	
1	2	3	4	5	6	7
Salem	Kitchen and stable at Andiappanoor. Stable, Dharmapuri Range office. Rest-house on the Chetteri Hills.	Rs. 48 297 30	....	MLA. ..	RS. ..	Central RS. ..
	Total ..	375	Total ..	..	..	375
Trichinopoly.	Thatched rest-house near the Pachamalais in Sogapuram in Musiri Range with out-houses and stables.	733	....	..	..	733
	Total ..	733	Total ..	..	..	733
Tanjore	....	..	Inspection path along the boundary of the Vettangudi reserved forest.	14	71	71
	Total ..	..	Total ..	..	71	71
	Total, Central Circle ..	2,786	Total ..	..	2,668	5,454
†South Canara.	Construction of Pani Mangalore temporary shed.	8	....	..	..	Southern ..
	Total ..	8	Total ..	..	..	8
North Malabar.	Serambi at Manikat Vayal .. Serambi at Marguddai .. An Elephant Kraal at Muthanga .. Elephant Kraal at Begur .. Add as per Accountant-General's statement	244 300 282 245 ..	A road 8' wide to join the Pongudi deviation .. A cart road in the Mavanhulla reserved forest .. Cost of putting up sign boards to roads	 4	.. 44 325 287 ..	 656
	Total ..	1,071	Total ..	..	656	1,727

• This is a Local Fund road; the Pongudi deviation

† Three temporary

* This is a Local Fund road; the Forest department does the work and
† Three temporary sheds built at a cost of Rs. 71-15-0 and their monsoon
‡ Almost completed.
§ Almost completed.

and Buildings—cont.

Repairs executed during the year.					
Buildings.		Roads and paths.			Total expended on repairs.
Nature of repairs.	Expenditure incurred.	Nature of repairs.	Length repaired.	Expenditure incurred.	
8	9	10	11	12	13
Circle—cont.					
Purchase of lock to Singarapett rest-house and white-washing	9	....	..	..	..
Dharmapuri Range office and compound walls	223				
Anchetty rest-house	18				
Pennagaram rest-house	55				
Denkanikotta Range office	474				
White-washing Tirupattur Range office. Do. Hosur Range office ..	3				
Repair of Atur Range office compound wall	310				
Repair of thatched shed at Harur ..	42				
White-washing Namakkal Range office.	6				
Total, Salem ..	1,143	Total ..	..	..	1,143
Re-roofing the Pudukalaiyam tiled forest bungalow	396	* Maintaining and improving the Sogapuram-Sengattupatti ghaut road and planting avenue trees	4	367	..
Repairing the kitchen and stables in Kalpatti tiled rest-hut	30		4	367	793
Total ..	426	Other works, A-VII (c)	..	..	7
		Total ..	..	367	800
Repairing the roof of the rest-house at Tirumalavasal and replacing two windows in the office-room of the rest-house	20	....	..	..	20
Total ..	20	Total ..	..	..	20
Total, Central Circle ..	5,823	Total ..	..	1,221	5,242
Circle.					
Renewing the floor, doors and windows, shifting tiles, renewing bamboo mats, ceiling over a portion, railing to the verandah of the "Range office," Coondapoor	258	....	..	..	318
Monsoon repairs to Range office, Coondapoor ..	11				
Do. do. Sabladi ..	5				
Do. do. Wandse ..	5				
Repairs to Shiradi tanna	10				
Repairs to Charnadi tanna	8	Other works, A-VII (c)	..	..	1
White-washing of Puttur Range office gate	3				
Monsoon repairs to Parappa hut ..	18				
Total ..	318	Total ..	..	..	319
Matting Koondacoon bungalow ..	13	Repairing Chedaletth Muthanga road ..	14	62	..
Repairing Chedaletth and Kuppadi out-houses ..	26	Repairing the sides of the road leading to Peruvayal	1	26	..
General annual repairs and alterations to the District Forest Lodge, Manantoddy ..	112	A compartment road between teak and bamboo plantation of Kannothe ..	35	33	..
Repairs to Dindumal bungalow compound ..	13	Repairing road leading to Brammagiri from Tirunelli	6	74	..
Repairing Kurehyat rest-house ..	45	Repairing Chambal, Arulaguddai, Masalbetta, Naikal Boothakal Shittu Kymaram roads	..	259	..
Constructing a new fence round Mukkie Serambi ..	29		56	454	937
Repairs to Chedaletth and Oodapallem out-houses ..	46	Other works under A-VII (c)	..	..	1,216
Repairing the Tirunelli and Brammagiri bungalows	69				
Repairs to Begur camp	64				
Add as per Accountant-General's statement	66				
Total ..	483	Total ..	56	454	2,153

the Local Fund department supplies the money.
repairs at a cost of Rs. 12-5-8 have been omitted in this return in column 2.

Communications

District.	New work undertaken during the year.					
	Buildings.		Roads and paths.			Total expenditure on new work.
	Description of buildings.	Expenditure incurred.	Road or path and object of the same.	Length of road or path.	Expenditure incurred.	
1	2	3	4	5	6	7
South Malabar Forest division.	<i>Nilambūr Range.</i>	Rs.		Mls.	Rs.	Rs.
	Constructing Ranger's and Forester's quarters in Nilambūr.	75	....	..	..	..
	Constructing two sheds in the Kallai depôt compound.	300	....	..	..	..
	Total ..	375		..	..	375
Nilgiris	Forest Guard's hut at Longwood	150	A new road to Mukkatti..	3	210	..
	Shed at Wellington Depôt for storing split fuel in ..	41	And a path in Kunbarukodi forests ..	1	116	..
			A new road in Mudumalai forest. Muthanad road ..	2	458	..
	Total ..	191		6	834	1,025
Coimbatore (North).	Constructing a combined rest-house and range office at Talamalai ..	1,615	Mavanatham-Talamalai bridle-path for connecting the headquarters of the range with Dimbum ..	91 miles of line clearing for tracing the path.	177	..
	Sandalwood store at Suragoundenhalli ..	303			2	..
	Sandalwood store and chipping shed at Suragoundenhalli ..	130	Tracing Gundila bridle-path ..			
	Sandalwood store and chipping shed at Kollegal ..	98				
	Rest-house on the top of Biligiri Rangam Hills near Bellaju ..	1,605				
	A shed near Araipollium ..	21				
	Sandalwood chipping shed at Bhavani ..	9				
	Rest-house at Chellanpalliem ..	733				
	Rest-house at Thattakarai ..	1,069				
	Total ..	5,583				
			Total ..	..	179	5,762

* Includes cost of
† Including cost

and Buildings—cont.

Repairs executed during the year.					
Buildings.		Roads and paths.			Total expended on repairs.
Nature of repairs.	Expenditure incurred.	Nature of repairs.	Length repaired.	Expenditure incurred.	
8	9	10	11	12	13
Circle—cont.					
Repairing charges for the District Forest-officer's bungalow ..	40	Repairing the road leading to District Forest-officer's bungalow ..	1	40	..
Reconstructing the out-house attached to District Forest-officer's bungalow ..	20	Repairing and widening the Panangodi bridle path ..	1	90	..
Monsoon repairs to buildings in Nilambūr range ..	100				
Monsoon repairs to the thatched buildings in Amarampalam range ..	20				
Firetracing the yards around Kariem Srairbi ..	3				
Repairing Karimala bungalow with on rails ..	386	Repairing cart-track from Dhoni to Kavarakunnu ..	2	77	..
Making monsoon thatties to Karimala bungalow ..	25		4	207	838
Rethatching kitchen and stable at Dhoni ..	37	Other works, A-VII (c) ..	..	..	77
Total, South Malabar ..	631	Total ..	4	207	915
Repairs to buildings in Mudumalai range and clearing compounds and repairs to fences ..	296	Repairs to roads and bridges, Mudumalai range ..	20	649	945
Repairing the range quarters and thatching sandalwood godown in Sigūr range ..	100	Repairs to the road to Anakotty and removing brushwood in Sigūr range ..	2	60	160
Rethatching and white-washing buildings in Ooty and Coonoor ranges.	285	Repairs of all existing roads and inspection paths in Ooty range ..	25	356	630
		Repairing Rallia road in Coonoor range ..	..	12	185
		Total ..	..	1,077	1,758
		Other works, A-VII (c) ..	..	..	162
		Total ..	..	1,077	1,920
Total ..	681				
Rethatching the out-houses of the rest-house at Gairmallam ..	17	Filling up ruts and cutting and widening road here and there for 1,805 yards of earth-work in Hāsanūr-Bylur road to complete the sanctioned repairs of 1894-95 ..	..	253	..
Roofing and retiling Kongarpollium tanna shed ..	15	Repairing Dimbum Talamalai bridlepath 6 feet wide ..	4	51	..
Putting a new door to the Range office at Satyamangalam ..	14	Gravelling, digging side drains, revetment, blasting, &c., in Ajjapuram-Girakundy road ..	13	675	..
Roofing and retiling the old bungalow at Suragoundenhalli ..	80	Gravelling digging side drains, revetment, blasting, &c., in Burghur ghaut road ..	12	1,154	..
Roofing and retiling the sandalwood shed at Kollegal ..	49	Gravelling, digging side drains, revetment, blasting, &c., in Lōkkanally-Bylur road ..	14	1,673	..
White-washing and cleaning bungalow at Bylur ..	5	Hāsanūr-Bylur road repairing, erecting 320 yards of parapet wall and blasting rock, 300 R. feet ..	3	† 640	..
White-washing and cleaning bungalow at Lockanalli ..	5		46	4,446	4,996
White-washing and constructing a fence round Singanallurhalli shed ..	10	Other works, A-VII (c) ..	..	..	150
White-washing and cleaning Range office and Range quarters and out-houses at Kollegal ..	16				
White-washing and retiling rest-house at Hanur ..	15				
White-washing, cleaning, &c., the rest-house at Ramapuram ..	10				
White-washing, cleaning, &c., the rest-house at Cowdall ..	10				
Roofing the sandalwood depôt at Bhavāni ..	122				
White-washing the tanna shed at Bhavāni and retiling ..	24				
White-washing the Range quarters at Bhavāni and retiling ..	15				
White-washing the tanna shed at Andiyur ..	15				
White-washing the tanna shed at Neringipett ..	15				
Repairing the roof, retiling, &c., of the rest-house at Bhavāni ..	77				
Pay of bungalow watchers ..	36				
Total ..	550	Total ..	46	4,446	5,146

dynamite, Rs. 146-5-0.
of dynamites.

Communications

District.	New work undertaken during the year.				
	Buildings.		Roads and paths.		
	Description of buildings.	Expenditure incurred.	Road or path and object of the same.	Length of road or path.	Expenditure incurred.
1	2	3	4	5	6
					7

Coimbatore (South).	Inspection shed at Periakombu.	Rs. 200	Extension of the tramway	M.L.S. 2 furlgs.	Rs. 16	Rs. ..
	Do. at Kallapuram.	200	Construction of an approach to the Punachi rest-house on the north side	..	74	..
	Construction of temporary sheds at Mount Stuart for peons	41	Construction of an approach to the Punachi rest-house on the south side	..	..	..
	District Forest-officer's rest-house at Punachi	825	Construction of Sethumadai-Tekadi road for export of forest produce	..	23	..
	Range quarters at Mēttupālaiyam	241	Re-opening an old abandoned traced right of way through the waterfall estates beyond Punachi towards Puralai 109 chains or 1 mile 3 furlongs	..	..	..
			Cutting a continuation of this trace towards Puralai 190 chains or 2 miles and 3 furlongs	..	..	..
			For opening a road to land applications on the Anamalais	..	..	..
			Contribution to the Local Fund Department on account of the Anamalai-Sethumadai road	..	2,385	..
	Total ..	1,507	Total ..	..	2,498	4,005
	High waving rest-house	96	....	..	..	..
Madura						
Tinnevely	Kitchen and stable to Machur rest-house	247	....	..	..	..
	Rest-house at Paohalur	176	....	..	..	..
Tinnevely	Line of forest guard's and watcher's line of huts at Courtallam	240	Tracing road between Kannikatti and Kalemlapil to frame estimate	3	29	..
	Line of forest guard's and watcher's line of huts at Karuppasamiool	240	Bridlepath from Kiriade to Mudaliarutha to open interior hills	1	478 (part cost)	..

* The amount spent has not been
† Cash recovery of certain excess

and Buildings—cont.

Repairs executed during the year.				
Buildings.		Roads and paths.		
Nature of repairs.	Expenditure incurred.	Nature of repairs.	Length repaired.	Expenditure incurred.
8	9	10	11	12
				13

Circle—cont.

Sheds at Anaipadi	Rs. 111	Bridge-path leading to Mount Stuart	M.L.S. 5	Rs. 27	Rs. ..
District Forest-officer's bungalow at Sethumadai	46	Tram road	..	104	..
District Forest-officer's rest-house at Anamalais	382	Timber slip	..	450	..
White-washing Range-officer's quarters at Mount Stuart	3	Ghaut road	..	629	..
Forester's quarters at Anaipadi	65	Road from the limits of the forests to the foot of the ghaut in Pollachi range	..	26	..
Range-officer's quarters at Navakarai.	37	Noyil bridge in Bolampatti	..	8	..
Guards and peons' sheds at do.	29	Sungam-Tellikal road	..	110	..
Buildings at Iruttupallam	56	Bridges near Pungan, Kadavu and Sudukattupallam	..	26	..
District Forest officer's rest-house at Mount Stuart	59	Peruvarikolam road	..	85	..
Punachi Range-officer's rest-house	208	Repair of the Punachi ghaut road	..	590	..
Depôt building at Pollachi	66				
Buildings at Mount Stuart and Anaipadi	83				
Sign board for the Punachi rest-house.	2	Repair of the bridge No. I on the road from Sethumadai	..	3	..
Repairs to buildings at Sethumadai to the Range officer's quarters at Mēttupālaiyam, &c.	10	Clearing paths leading to Andiparai, Kavarkal, Karumalai, &c.	..	76	..
Deduct as per Accountant-General's statement	† —16	Deduct as per Accountant-General's statement	..	† —62	..
		Other works, A-VII (c)	5	2,122	3,263
Total ..	1,141	Total ..	5	2,122	3,323
Theni rest-house kitchen—Dismantling and tiling roof; replacing jungle wood rafters by teak; plastering outside walls with chunam; doors and windows of better planks	84	....	..	..	..
CUMBUM RANGE.					
Quarters					
Erection of brick walls for bamboo mat walls on the front verandah with doors and windows, brick-flooring and white-washing	256				
White-washing Range office and quarters and tar-coating at the base	50				
Cumbum rest-house kitchen and table.	..				
Plastering walls with chunam and replacing corners with burnt bricks and polishing walls	..	Road from Cumbum village to range compound	..	6	..
Cumbum forest station	73				
Knocking down the corners and building with burnt bricks	..				
Sundries such as pay of care-takers, &c.	143				
Balasamudram Forester's quarters	..	Putting up washed away portion of the revetment of the road leading from Gundanshola to compartment I	..	24	..
Sundries such as pay of care-takers, &c.	198				
Forest lines, Tandigudi—Repairs to roofing; sundries, such as pay of care-takers, &c.	83				
Ranger's quarters—Repairing basement-wall by fresh plastering; sundries, such as pay of care-takers, &c.	80	Alagar hill ghaut road repairs—Clearing slips and side and cross draws	4	178	..
Deduct as per Accountant-General's statement Form No. 69	37				
		Other works	4	208	1,088
Total ..	880	Total ..	4	208	1,242
Sundry repairs to Mendanthurai bungalow	36	Filling inruts in Kottan teri road	8	199	..
Sundry repair to Mendanthurai out-house	22	Metalling road leading to Courtallum bungalow	..	25	..

adjusted during the year.
payments for works done in previous years.

Communication^s

Communication						
District.	New work undertaken during the year.					
	Buildings.		Roads and paths.			Total expenditure on new work.
	Description of buildings.	Expenditure incurred.	Road or path and object of the same.	Length of road or path.	Expenditure incurred.	
1	2	3	4	5	6	7

Tinnevely— cont.		Rs.	Southern			
Rest-house with out-house at Kansapuram (partly constructed)	761		New Papanasam road ..	MLS. 2½	Rs. 304 (part cost).	Rs. ..
Rest-house with out-house at Chettimadam (partly constructed)	680		Approach to Puliangudi rest-house	..	50	..
Rest-house with out-house at Puliangudi (completed)	786		Conversion of Kallam Revenue survey line into bridlepath to open communications to coupes.	..	99	..
Depôt shed at Sevanapeli	93		Bridlepath on the Sivasailam hills from the Revenue survey line to the fire-wood coupes	2½	500	..
A tannah shed at Panbuli	50					
Fencing compound to Rudupatti rest-house	50					
Fencing compound to Chettimadam	25					
Separate office at Kudianallur	200					
Total, Tinnevely ..	3,125		Total, Tinnevely ..	10	1,470	4,595
Total, Southern Circle ..	12,379		Total, Southern Circle ..	..	5,637	18,016
Grand Total, Presidency ..	25,228		Grand Total, Presidency ..	..	12,316	37,544

and Buildings—cont.

Repairs executed during the year.					
Buildings.		Roads and paths.			Total expended on repairs.
Nature of repairs.	Expenditure incurred.	Nature of repairs.	Length repaired.	Expenditure incurred.	
8	9	10	11	12		13

Circle—cont.

Rethatching Sengalmuri Forest guard's hut	20	Metalling road leading to Kadianallur ..	..	Rs. 23	Rs. ..
Sundry repairs to Ranagudi tannah ..	18	Filling in ruts and sundry repairs to Papanasam ghat road ..	15	777	..
White-washing Vullnad rest-house ..	3	Filling in ruts and sundry repairs to new Papanasam road ..	..	377	..
Rethatching Koppalai do.	14	Filling in ruts and sundry repairs to Papanasam bridge-path ..	3	45	..
Rethatching and sundry repairs to Vasudevanallur bungalow ..	125	Sundry repairs to Rajapaliem bridge-path.	5	89	..
Rethatching Ollar bungalow ..	20				
Sundry repairs to Kolundumamalai tannah ..	10	Widening Kunsapuram kunsadi bridge-path	9	132	..
Rethatching, &c., Palar rest-house ..	25	Sundry repairs to Athithondu-Puliyuthu road	6	21	..
Do. Budatharkoil rest-house	25	Filling in ruts, &c., in Konamadi road ..	7	280	..
Rethatching, &c., Tharvithanparai rest-house	13	Do. do. in bridge-path from Muthalampan to Karumpandiamman-sholai	7	106	..
Sundry repairs to Sivasailam bungalow ..	45	Filling road from Sivanajeri to Muthalaruppan ..	3	133	..
Rethatching and building walls of stable at Kanukatti ..	16	Filling ruts in Kamthalipudai road ..	3	100	..
Rethatching Kanuru upper bungalow. Do. Eral hut	10	Do. in Nadugani bridge-path ..	7	58	..
Rethatching Kannikatti lower bungalow ..	20	Metalling road between Kikrama—Sengapuram and Papanasam ..	..	72	..
Rethatching tannah at Vikrimasingapuram ..	10	Filling in ruts in Sengalamari-Kaluthaikadanu road	2½	75	..
Rethatching tannah at Papanasam ..	10	Filling in ruts in Puliangudi melapalai road	3	100	..
Rethatching and sundry repairs to Kadianallur bungalow ..	250	Sundry repairs to Tekam Teri road ..	1	30	..
Rethatching and sundry repairs to Ambasamudram bungalow ..	71	Do. to Puckle's road ..	3	50	..
Rethatching and sundry repairs to Courtallam bungalow ..	77	Do. to Shermadevi road ..	2	90	..
Sundry repairs to Virisadi rest-house. Do. to stable and out-house	2	Revetment in Vadagarai-Nalliyuthu road.	3	109	..
to Courtallam bungalow ..	20	Sundry repairs to Puliangudi base line road	1	39	..
Rethatching, &c., Sengalmuri rest-house ..	25	Sundry repairs to Kadianallur bridge-path	5	187	..
Plastering Pulikunnuthu forest guard's hut ..	25	Filling in ruts in Kadianallur bridge-path ..	2½	75	..
Plastering Rappakarai forest guard's hut	24				
Plastering and re-roofing tannah at Athithondu ..	32	Other works, A-VII (c) ..	23	3,192	4,310
Sundry repairs to forest guard's line of hut at Athithondu ..	8		..	..	107
Rethatching and sundry repairs to Sivanajeri bungalow ..	45				
Sundry repairs to Sengal Teri rest-house ..	5				
Sundry repairs to Muthalaruppan ..	2				
White-washing and repairing Nazareth bungalow ..	23				
Sundry repairs to forest guards' huts at Karuppasami coil ..	20				
Total, Tinnevely ..	1,118				
Total, Southern Circle ..	5,802				
Grand Total, Presidency ..	15,880				
			23	3,192	4,417
			..	11,706	19,435
			..	15,997	34,539

(A+W) x 150
A+W+C

W

A

ANNUAL FORM No. 50.
Forest Department, Madras Presidency.
PROSECUTIONS for breaches of Forest Rules during 1895-96.

LXXXV

Districts.	NEW CASES OF THE YEAR.							DISPOSED OF DURING THE YEAR.										Cases pending at close of year.				
	Cases pending from 1894-95.	Injury to forest by fire.			Grazing or permission without in which grazing is prohibited.	Other offences.	Total cases of new the year.	Convictions.		Acquittals.		Compounded.		Withdrawn.		Total.						
		2	3	4				5	6	7	8	9	10	11	12	13	14		15	16	17	18
Northern Circle.																						
Ganjam ..	52	1	244	39	15	299	351	122	319	30	178	111	306	68	223	331	1,025	20				
Vizagapatam ..	11	..	278	12	2	292	303	112	421	6	26	145	435	10	21	273	903	30				
Giddavari ..	29	7	96	11	23	137	166	56	121	33	(a) 28	39	102	17	45	135	352	81				
Kistna ..	278	1	299	351	93	744	1,022	158	516	60	(a) 73	880	1,117	115	578	713	2,484	309				
Kurnool ..	103	1	403	150	57	611	714	241	552	113	(a) 70	189	523	81	182	624	1,606	90				
Bellary ..	13	1	393	86	26	508	521	115	230	11	197	315	789	9	28	450	1,087	71				
Anantapur ..	7	1	94	153	23	271	278	136	436	41	(a) 43	90	270	2	6	269	951	9				
Total ..	493	12	1,809	802	239	2,862	3,355	940	2,595	284	1,170	1,269	3,542	302	1,082	2,795	8,399	560				
Central Circle.																						
Cuddapah ..	41	4	264	345	9	622	663	286	651	51	188	130	510	133	219	560	1,568	103				
Nellore ..	35	..	77	76	6	159	194	98	258	26	(a) 37	20	65	30	118	174	566	20				
Chingleput ..	24	..	260	153	32	448	472	55	138	14	(a) 20	340	638	43	103	452	954	20				
North Arcot ..	88	1	324	355	43	723	811	137	351	38	130	513	1,242	60	166	748	1,889	63				
South Arcot ..	215	2	636	381	73	1,092	1,307	165	430	32	162	748	2,037	106	355	1,051	2,984	296				
Salem ..	94	13	521	516	78	1,128	1,222	540	1,555	124	(a) 60	437	1,319	73	158	1,174	3,687	48				
Trichinopoly ..	63	..	106	346	14	466	529	195	356	26	(a) 15	239	(a) 42	3	63	449	1,381	80				
Tanjore ..	14	..	41	15	3	59	73	20	57	6	(a) 1	36	(a) 26	6	43	68	254	6				
Total ..	674	20	2,229	2,190	258	4,697	6,271	1,436	3,796	317	1,348	2,403	6,823	460	1,216	4,676	13,183	606				
																		44.5-	20			
																		12.8-	30			
																		41.7	81			
																		52.6	309			
																		44.6	90			
																		14.8	71			
																		24.0	9			
																		3.0.4	560			
																		33.5-	103			
																		36.4	20			
																		60.9	20			
																		41.75-	63			
																		25.75-	296			
																		26.7	48			
																		35.7	80			
																		37.5-	6			
																		35.1	606			

• Erroneously shown as 90 in the last year's return. Seventy-nine out of the 90 were only recurrence reports which have been ordered to be dropped. † Now reported by the Collector.
(a) Concerned in cases convicted. (b) Concerned in cases acquitted. (c) The offenders were not caught and no further steps were taken.

ANNUAL REPORT OF THE

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Prosecutions for breaches of Forest Rules during 1895-96—cont.

Districts.	NEW CASES OF THE YEAR.					Total cases.	DISPOSED OF DURING THE YEAR.								Cases pending at close of year.				
	Cases pending from 1894-95.	Injury to forest by fire.	Unauthorised felling or appropriation of wood and minor forest produce.	Grazing without permission or in tracts in which grazing is prohibited.	Other offences.		Total new cases of the year.	Convictions.		Acquittals.		Compounded.		Withdrawn.		Total.			
								Cases.	Persons.	Cases.	Persons.	Cases.	Persons.	Cases.			Persons.	Cases.	Persons.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
Southern Circle.																			
South Canara ..	81	5	224	12	134	375	456	146	(c) 207	56	112	87	149	18	(b) 6	24	307	519	149
North Malabar ..	18	4	83	4	18	59	77	24	53	13	27	23	39	8	20	1	68	146	9
South Malabar ..	2	1	13	..	32	46	48	28	64	5	6	7	(a) 2	1	1	1	41	98	7
Nilgiris ..	14	1	55	29	12	97	111	27	77	6	15	54	180	9	27	84	96	299	15
North Coimbatore ..	32	..	120	165	18	303	335	153	455	24	79	101	294	33	(a)	27	311	1,004	24
South Coimbatore ..	18	6	69	72	16	163	181	40	162	13	76	97	337	9	69	12	159	644	22
Madura ..	65	41	142	263	13	459	514	214	598	47	137	56	217	56	118	378	1,070	141	385
Tinnevely ..	78	4	236	292	17	549	627	58	141	31	115	374	986	113	221	576	1,480	51	324
Total ..	298	62	892	837	260	2,051	2,349	690	1,798	195	647	799	2,332	247	583	1,931	5,260	418	713
Grand Total ..	1,365	94	4,930	3,829	757	9,610	10,975	3,066	8,199	796	3,165	4,531	12,597	1,009	2,881	9,402	26,832	1,578	390
																			370

(a) Concerned in cases convicted. (b) One accused who died, omitted from the number. (c) Concerned in cases acquitted. (d) Concerned in cases compounded.

FOREST DEPARTMENT.

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LXXXVI

AREA of Forest Tracts protected from Fire during 1895-96.

District.	Forest tracts.	Year in which protection commenced.	Area actually protected up to 30th June 1896	During dry season of 1895-96.			Cost during the season.	Remarks.
				Area attempted to be protected.	Fires.	Actually protected.		
1	2	3	4	5	6	7	8	9
<i>Northern Circle.</i>								
Ganjām ..	....	..	ACS. 134,609	ACS. (a) 136,921	ACS. 7,045	ACS. 129,878	RS. 1,367	(a) Three blocks of an aggregate area of 919 acres were abandoned during the year.
Vizagapatam...	....	..	50,843	50,388	6,874	43,509	464	
Gódvári—	Dummagudem reserve ..	1887 ..	6,035	6,110	154	5,956	112	
	Arlagudem do. ..	1888 ..	5,149	6,136	19	6,117	140	
	Gogubaka do. ..	1887 ..	1,666	1,634	..	1,666	44	
Special ..	Repak do. ..	1887 ..	6,860	7,000	1,130	6,870	142	
	Ramachendram do. ..	1887 ..	10,285	10,300	224	10,076	136	
	Tallanka do. ..	1887 ..	10,608	12,000	652	11,448	154	
	Mattapalli do. ..	1889 ..	8,325	9,500	900	8,600	215	
	Total, Special, Gódvári ..	..	48,928	52,712	2,879	49,733	943	
General ..	....	..	82,983	86,255	1,780	84,475	704	
	Total, Gódvári ..	..	131,911	138,967	4,759	134,208	1,647	
Kistna—	Kondapalli reserve ..	1884 ..	6,971	5,261	450	4,811	1,647	
	Kothur do. ..	1889 ..	1,310	1,310	..	1,310	..	
	Gunadala do. ..	1895 ..	400	400	..	400	..	
Special ..	Kondavid do. ..	1888 ..	4,200	4,200	16	4,184	1,163	
	Bollapalli do. ..	1885 ..	20,627	20,700	2,850	17,850	..	
	Mutukur do. ..	1885 ..	21,828	24,840	8,000	16,840	..	
	Pasvemula do. ..	1892 ..	6,152	10,158	5,000	5,158	..	
	Venkatayapalem do. ..	1894 ..	15,368	18,603	5,000	13,603	..	
	Total, Special, Kistna ..	..	76,876	86,472	21,316	64,156	1,163	
General ..	....	..	1,147	84,383	4,037	80,346	..	
	Total, Kistna ..	..	78,023	169,855	25,353	144,502	1,163	
Kurnool ..	....	..	50,304	73,055	17,118	55,937	2,457	
Bellary—	Sandur Ramandrug range. Do. north-east do. ..	1883 ..	12,785	14,785	75	14,710	1,589	
	Donimalai ..	1883 ..	13,094	16,010	5,466	10,544	1,100	
Special ..	Shivapuram ..	1886-87 ..	9,205	9,205	1,459	7,746	1,117	
	Sunkadakallu ..	1886-87 ..	9,000	9,000	650	8,350	141	
	Malpanagudi ..	1886-87 ..	7,000	7,000	..	7,000	130	
	Chiribi ..	1886-86 ..	1,000	1,666	270	796	81	
	Total, Special, Bellary ..	..	3,000	3,000	..	3,000	83	
General ..	....	..	55,084	60,064	7,920	52,144	4,241	
	Total, Bellary ..	..	18,639	13,574	1,200	12,374	90	
Anantapur ..	....	..	73,723	73,640	9,120	64,520	4,331	
	Total, Special, Northern Circle. ..	..	153,146	(b) 123,835	10,390	113,445	2,450	
	Total, General, Northern Circle. ..	..	180,888	198,250	32,215	166,035	6,347	
	Grand Total, Northern Circle. ..	..	491,171	568,406	48,444	519,962	7,532	
<i>Central Circle.</i>								
Cuddapah ..	....	..	457,957	528,020	38,872	489,148	4,545	(b) The fire-protected area during 1894-95 has been considerably curtailed this year by omitting certain of the less important reserves as the area attempted to be protected was found too large to be properly controlled.
Nellore ..	....	..	115,460	115,720	2,110	113,610	679	
Chingleput..	Kambakkam reserved forests. ..	1883-84 ..	14,951	14,951	400	14,551	373	
	Nāgalāpuram reserved forests. ..	1883-84 ..	8,345	8,345	32	8,313	166	
	Pulrambakkam reserved forests. ..	1883-84 ..	507	577	..	577	..	
	Total, Special, Chingleput. ..	..	23,803	23,873	432	23,441	539	
		..	..	..	..	..	..	
		..	..	..	..	..	..	
		..	..	..	..	..	..	
		..	..	..	..	..	..	

Area of Forest Tracts protected from Fire during 1895-96—cont.

District.	Forest tracts.	Year in which protection commenced.	Area actually protected up to 30th June 1896.	During dry season of 1895-96.			Cost during the season.	Remarks.
				Area attempted to be protected.	Fires.	Actually protected.		
1	2	3	4	5	6	7	8	9
<i>Central Circle—cont.</i>								
<i>Special protection.</i>								
North Arcot—	Karnatic Ghur ..	1881 ..	7,069	7,069	82	6,987	324	
	Malayalam ..	1887 ..	10,947	11,462	784	10,678	75	
	Kelur ..	1884 ..	2,866	2,866	..	2,866	23	
	Paruvadamalai ..	1892 ..	4,000	4,000	165	3,835	15	
Polur ..	Malacod ..	1890 ..	16,802	16,802	527	16,275	93	
	Periamalai ..	1892 ..	5,357	5,357	830	4,527	55	
	Santavasal ..	1890 ..	7,788	8,238	120	8,118	45	
	Veerappanur ..	1886 ..	64,000	64,000	..	64,000	60	
	Ambur fuel ..	1879 ..	3,720	3,840	..	3,840	156	
	Vellakal ..	1889 ..	4,569	5,273	520	4,753	82	
	Palamadi ..	1880 ..	5,872	6,400	415	5,985	187	
	Arasampet ..	1887 ..	30,768	31,480	1,468	30,012	138	
Vellore ..	Nellimalay ..	1882 ..	1,490	1,490	..	1,490	37	
	Karuthamalai ..	1882 ..	11,980	11,856	265	11,591	182	
	Ambur extension ..	1887 ..	24,045	24,885	643	24,242	100	
	Kylasagiri ..	1892 ..	1,195	1,195	900	295	76	
	Napier reserve ..	1880 ..	8,380	8,380	..	8,380	215	
	Mamandur and its extension ..	1874 ..	9,676	9,776	800	8,976	159	
	Chamala ..	1880 ..	8,700	9,600	200	9,400	136	
Chendragiri.	Panapakam ..	1880 ..	6,380	6,400	..	6,400	81	
	Pudipatlabylu ..	1880 ..	2,548	2,560	..	2,560	15	
	Tirupati Hill ..	1888 ..	15,550	16,000	500	15,500	101	
	Tirupati Hill extension ..	1891 ..	6,680	6,840	5	6,835	110	
	Nagapatla ..	1890 ..	7,866	8,266	..	8,266	91	
	Mangilpattu ..	1890 ..	22,200	22,700	50	22,650	76	
	Panapakam extension ..	1892 ..	9,730	9,730	..	9,730	27	
	Musalumadugai ..	1884 ..	8,534	9,600	1,600	8,000	188	
Palmanér.	Palmanér ..	1892 ..	1,920	1,920	..	1,920	199	
	Mordana ..	1884 ..	12,376	12,416	750	11,666	40	
	Mordana ..	1884 ..	10,910	11,000	180	10,820	68	
	Gundlakalle ..	1891 ..	8,018	8,418	..	8,418	9	
	Do. extension ..	1894 ..	800	800	..	800	5	
Gudiyát-tam.	Naickaneri ..	1884 ..	3,200	3,200	310	2,890	28	
	Mordana extension ..	1887 ..	9,423	..	..	..	39	
	Banavaram ..	1880 ..	1,047	1,051	4	1,047	7	
Wallajah.	Amnar ..	1884 ..	5,982	5,982	88	5,894	56	
	Total, Special, North Arcot ..	..	358,188	359,852	11,208	348,646	3,298	
	Total, General, dc. ..	..	326,354	363,594	8,282	355,312	666	
	Total, North Arcot ..	..	684,542	723,446	19,488	703,958	3,964	
South Arcot ..	....	..	119,120	96,406	1,917	94,489	608	
Salem ..	....	..	38,409	40,507	1,437	39,070	2,128	
Trichinopoly.	....	..	82,376	82,681	500	82,181	32	
Tanjore ..	....	..	..	..	..	..	..	
	Total, Special, Central Circle. ..	..	381,991	383,725	11,638	372,087	3,837	
	Total, General, Central Circle. ..	..	1,139,676	1,226,928	53,118	1,173,810	8,658	
	Grand Total, Central Circle ..	..	1,521,607	1,610,653	64,756	1,545,897	12,495	
<i>Southern Circle.</i>								
South Canara.	....	..	21,898	41,384	480	40,904	906	
<i>Special protection.</i>								
Malabar, North.	Begur ..	1882-83 ..	..	15,366	1,085	14,281	837	
	Tirunelli ..	1894-95 ..	2,737	5,474	..	5,474	200	
	Kurchyat ..	1887-88 ..	12,054	18,054	17,854	600	493	
	Mavanhulla ..	1894-95 ..	10,076	12,676	11,976	720	..	
	Rampur ..	1894-95 ..	9,854	18,854	18,134	224	..	
	Kanotte teak, &c., plantations. ..	1894-95 ..	224	224	..	..	..	
	Total, Special, North Malabar. ..	..	34,945	70,548	49,049	21,499	1,338	
	Total, General, North Malabar. ..	..	44,179	24,812	13,889	10,923	..	
	Total, North Malabar ..	..	79,124	95,360	62,938	32,422	1,338	

* Revised figure.

Area of Forest Tracts protected from Fire during 1895-96—cont.

District.	Forest tracts.	Year in which protection commenced.	Area actually protected up to 30th June 1895.	During dry season of 1895-96.			Cost during the season.	Remarks.
				Area attempted to be protected.	Fires.	Actually protected.		
1	2	3	4	5	6	7	8	9
Malabar, South.	<i>Southern Circle—cont.</i>							
	<i>Special protection.</i>							
	Amarampalem reserve	1860-61	468	468	..	468	81	
	Chathamporai do.	1872-73	700	700	..	700	63	
	Teak plantations	1842-43	3,403	3,403	..	3,403	730	
	Karimpoyar reserve	1884-85	3,955	3,955	..	3,955	100	
	Nelicutta do.	1883-84	1,824	1,824	..	1,824	140	
	New Amarampalam forest.	1889-90	75,000	75,000	..	75,000	300	
	Walayar reserve	1873-74	3,017	3,017	100	74,900	540	
	Chennant Nair reserve	1884-85	14,583	15,203	..	15,203	451	
	Kampurattipotta reserve land.	1891-92	124	124	..	124	14	
	Total, Special, South Malabar		103,074	103,694	100	103,594	2,419	
	Mudumalai plantation	1883	..	..	..	..	..	
	Benne teak do.	1886	..	..	..	..	..	
	Benne experimental block.	1893	40	25	1	24	507	
Nilgiris	Marigudi block	1888	179	179	..	179	..	
	Moyar reserved forest	1888	3,600	4,480	5	4,475	..	
	Northern Hay sandalwood plantation.	1883	3,350	4,000	5	4,000	..	
	Chemunguli	1883	22	22	1,000	3,000	..	
	Aranakul	1883	25	25	..	25	301	
	Governor's shola No. I	1883	9	9	..	9	..	
	Do. No. II	1883	25	25	..	25	..	
	Andy	1883	30	30	..	30	..	
	Uppatti	1883	17	17	..	17	..	
	Sheffield	1883	12	12	2	12	..	
	Cully	1883	12	12	..	12	..	
	Chought Cully	1883	25	25	..	25	..	
	Madanna	1883	17	17	..	17	..	
	Baikie	1883	26	26	..	26	..	
	Aramby	1883	8	8	..	8	..	
North Coimbatore.	Marlimund	1883	50	50	..	50	..	
	Kairn Hill	1883	208	208	..	208	..	
	Kallar reserve	1883	11	11	1	11	..	
	Barliyar do.	1883	105	105	..	105	..	
	Ghat do.	1883	911	919	1	911	..	
	Coonoor peak	1883	178	178	38	178	..	
	Bandy shola	1883	247	247	1	247	..	
	Sim's Park block I	1883	201	206	..	206	..	
	Black bridge	1883	94	94	..	94	..	
	Little Ballia	1883	48	48	..	48	..	
	Newman	1883	42	42	..	42	..	
	Rallia	1883	10	10	2	10	..	
	Longwood and Addition	1883	35	35	..	35	..	
	Devashola	1885	60	60	..	60	..	
	Total, Special, Nilgiris		9,937	11,507	1,061	10,446	1,922	
South Coimbatore.	Total, General, do.		71,723	71,723	1	71,722	151	
	Add cost of protection of roads, buildings, camping grounds and bridges.		..	..	..	..	460	
	Total		..	..	..	..	..	
	Hassanur sandalwood compartment, Satyamangalam Range.	1895-96	81,660	83,230	1,062	82,168	2,533	
	Bylur sandalwood compartment, Kollegal Range.	1895-96	..	5,648	Nil.	5,648	181	
	Oodiarpalliem sandalwood compartment, Kollegal Range.	1895-96	..	2,952	Nil.	2,952	803	
	Gadathalai nulla	1895-96	..	1,504	Nil.	1,504	209	
	Total, Special, North Coimbatore.		..	235	15	220	61	
			..	10,339	15	10,324	754	

† Previous to the year under report Rs. 5,188 were spent chiefly on the protection of sandalwood areas and in order to have a com-
ely freestart the Collector has eliminated the previous year's figure as too misleading and confusing.

Area of Forest Tracts protected from Fire during 1895-96—cont.

District.	Forest tracts.	Year in which protection commenced.	Area actually protected up to 30th June 1895.	During dry season of 1895-96.			Cost during the season.	Remarks.
				Area attempted to be protected.	Fires.	Actually protected.		
1	2	3	4	5	6	7	8	9
South Coimbatore Special.	<i>Southern Circle—cont.</i>							
	<i>Special protection.</i>							
	Tunacadavu Range	1882-83	20,480	24,000	480	23,520	769	
	Pollachi do.	1883-89	9,702	9,775	100	9,675	496	
	Udamalpet do.	1883-84	485	485	..	485	62	
	Mettupalaiyam do.	1891-92	230	230	..	230	218	
	Bolampatti do.	1884-85	17,682	18,557	958	17,599	688	
	Sholakhari	1883-84	4,533	4,923	158	4,765	319	
	Total, Special		53,112	57,970	1,696	56,274	2,552	
	General		..	..	..	..	..	
	Total, South Coimbatore		53,112	416,947	3,116	413,831	2,552	
	Kuttanachiar	1891-92	440	..	..	..	..	
	Surlipati	1891-92	5,760	..	..	..	..	
	Pandarathurai	1886-87	300	..	..	..	..	
	Vannathiparai	1884-85	25,920	5,880	480	4,600	351	
Madura	Melagudlore	1885-86	720	1,280	160	1,120	128	
	Suranganar	1885-86	2,686	..	..	..	..	
	Machukal	1886-87	2,360	..	..	..	..	
	Amburuvu	1886-87	6,400	6,400	200	6,200	107	
	Combai	1891-92	2,787	..	..	..	..	
	Sengalvaraiar	1885-86	4,608	4,608	300	4,308	98	
	Karungal Dhonimedu	1885-86	1,915	1,920	..	1,920	41	
	Pambar	1883-84	2,943	4,243	500	3,743	111	
	Murugamalai	1884-85	6,422	..	..	..	..	
	Pambarai Vilputty valley.	1885-86	13,572	13,587	1,505	12,082	263	
	Oliyanutha reserve	1888-89	3,200	3,200	60	3,150	75	
	Kukkal	1886-87	19,406	19,706	..	19,706	277	
	Kudraiyyar	1886-87	7,286	7,386	400	6,986	18	
	Perumalmalai	1886-87	..	..	..	..	..	
	Gundan shola { A	1886-87	198	288	..	288	141	
Madura	Post office	1886-87	..	..	..	..	..	
	Pambarai	1886-87	..	..	..	..	..	
	Arankanai	1883-84	6	1,920	500	1,420	85	
	Kallar	1883-84	1,916	9,600	250	9,350	146	
	Sirumalai	1885-86	9,367	21,785	200	21,585	280	
	Kachakatti	1885-86	21,485	..	..	..	..	
	Wahuthumalai	1884-85	1,744	6,089	132	5,957	153	
	Alagar Hill	1884-85	6,089	16,838	150	16,688	478	
	Keluvamalai	1882-83	16,838	..	..	..	..	
	Perumalai	1885-86	1,920	9,600	167	9,433	134	
	Karandamalais	1891-92	9,600	22,077	3	22,074	181	
	Mudimalai	1887-88	21,943	4,435	..	4,435	85	
	Adukkam	1884-85	4,435	..	..	..	..	
	Kanienkad	1884-85	..	5,984	300	5,684	45	
	Vennelai	1895-96	..	2,560	200	2,360	88	
	Maruthanathiar	1895-96	..	6,093	110	5,983	82	
Madura	Buthakudi	1895-96	..	5,523	..	5,523	53	
	Pulamalai	1890-91	1,120	1,120	..	1,120	14	
	Panjantangi	1890-91	800	800	..	800	14	
	Total, Special		211,610	182,122	5,607	176,515	3,451	
	General		43,195	36,332	2,823	33,509	81	
	Total, Madura		254,805	218,454	8,430	210,024	3,532	

* The remarks against the above three blocks apply to the major portion of this block. The special protection that does exist affects only the area now shown in column 5. † Revised figures.

Area for Forest Tracts protected from Fire during 1895-96—cont.

District.	Forest tracts.	Year in which protection commenced.	Area actually protected up to 30th June 1895.	During dry season of 1895-96.			Cost during the season.	Remarks.
				Area attempted to be protected.	Fires.	Actually protected.		
1	2	3	4	5	6	7	8	9
Tinnevely—	<i>Southern Circle—cont.</i>		ACS.	ACS.	ACS.	ACS.	RS.	
	<i>Special protection.</i>							
	Ghāt forests Nos. II and II (b).	1884-85 ..	24,495	4,955	75	4,880	222	
	Padarmalai working circle.	1895-96 ..	..	3,045	..	3,045	80	
	Reserved forests No. II (a)	1889-90 ..	1,500	1,000	45	955	62	
	Ghāt forests Nos. I and I (a).	1885-86 ..	16,772	4,000	4	3,996	332	
	Tenkasi .. Ghāt forests Nos. III, III (a), (b), (c), (d), and Chinnakadu.	1887-88 ..	7,366	3,100	40	3,060	510	
	Sankaranayinarcoil	1888-89 ..	37,171	5,000	..	5,000	125	
	Srivilliputtur	1889-90 ..	7,448	4,000	8	3,992	322	
	Total, Special, Tinnevely.	..	94,752	25,100	172	24,928	1,653	
	General do.	..	..	208,260	4,226	204,034	182	
	Total, Tinnevely ..	..	94,752	233,360	4,398	228,962	1,835	
	Total, Southern Circle—							
	Special	..	507,430	461,280	57,700	403,580	14,089	
	General	..	180,995	741,488	22,839	718,649	1,780	
	Grand Total ..	..	688,425	1,202,768	80,539	1,122,229	15,869	
	Total, Presidency—							
	Special	..	1,070,309	1,043,255	101,553	941,702	24,273	
	General	..	1,811,842	2,536,822	124,401	2,412,421	17,970	
	Grand Total, Presidency ..	..	2,882,151	3,580,077	225,954	3,354,123	42,243	

Note.—Where Collectors have not reported the figures separately for special areas they are shown under general.

FORM No. 52.

Forest Department, Madras Presidency.

AREA closed and open to grazing during 1895-96.

AREA closed and open to grazing.

District.	Area in square miles.					
	Closed to all animals.		Closed to goats or sheep.		Open to all animals.	Total area.
	Whole year.	Part of year.	Whole year.	Part of year.	Whole year.	
1	2	3	4	5	6	7
<i>Northern Circle.</i>						
	123	..	(a) 436	..	..	559
Ganjām	4	27	415	..	..	415
Vizagapatam	302	..	975	..	313	975
Gōdāvari	144	..	755	..	2	1,212
Kistna	114	..	2,242	..	95	2,244
Kurnool	186	9	356	..	..	637
Bellary	101	..	(b) 407	..	..	517
Anantapur	974	36	5,586	..	410	6,559
Total, Northern Circle ..						
<i>Central Circle.</i>						
	4	..	2,353	..	(c) 23	2,357
Cuddapah	7	..	631	..	10	661
Nellore	38	..	(a) 190	..	70	238
Chingleput	64	..	997	..	..	1,131
North Arcot	17	..	(a) 762	..	..	779
South Arcot	60	..	1,404	..	..	1,464
Salem	46	..	187	..	..	233
Trichinopoly	2	..	17	..	..	19
Tanjore	178	..	6,541	..	103	6,882
Total, Central Circle ..						
<i>Southern Circle.</i>						
	22	..	(a) 1,112	..	..	1,134
South Canara	28	24	115	..	105	272
Malabar, North	328	..	328	..	..	328
Do. South	11	..	(a) 452	..	..	452
Nilgiris	237	..	1,480	..	..	1,717
Coimbatore, North	265	..	657	..	..	657
Do. South	5	24	(a) 620	..	111	649
Madura	300	197	(d) 428	..	..	428
Tinnevelly	1,196	245	5,192	..	216	5,637
Total, Southern Circle ..						
Grand Total ..	2,348	281	17,319	..	729	19,073

• Number of cattle and sheep admitted—
 Cattle 88,843 } Particulars for Rs. 714 collected by the Tahsildars are not available.
 Sheep 45,644 }
 134,487

(a) Closed to goats only.
 (b) In ten square miles of this area sheep were admitted.
 (c) Reserved for goats and sheep.
 (d) Closed to goats only except eight square miles from which sheep were also excluded.

ANNUAL REPORT OF THE

ANNUAL FORM No. 53.

Forest Department, Madras Presidency.

AREA of Plantations, 1895-96.

District.	Name of Plantations.	Area in acres.				Receipts.	Charges.
		On 1st July 1895.	Added during the year.	Excluded during the year.	Area on 30th June 1896.		
1	2	3	4	5	6	7	8
REGULAR PLANTATIONS.							
Northern Circle.							
Gánjam ..	Agasti Nowgam casuarina plantations.	141	100	..	241	Rs. ..	Rs. 5,598
Vizagapatam ..	Narsapur plantation	114	..	..	114	..	..
Godávári ..	Bendamoodanka plantation	362	..	..	362	1,986	599
	Total, Godávári ..	(a) 476	..	..	362	1,652	864
	Kara cashew nut	4	..	..	476	3,638	963
	Kodur palmyras	40	..	..	40	..	273
	Gopuvaripalem casuarina, &c.	77	6	..	82	6	..
	Kanukollu casuarina	206	..	..	206	383	850
	Allinagaram do.	56	..	..	56	215	12
	Bomminatpadi do.	16	..	..	16	118	12
	Vemavarapad do.	16	..	..	16	..	12
	Vanudurru do.	26	..	..	26	..	12
Kistna ..	Gollapalem soap nut	390	..	..	390	..	12
	Gavaravaram (Nim)	30	..	..	30	..	12
	Bapatla casuarina	26	..	..	26	60	..
	Karlapalem (mixed)	104	30	..	134	..	..
	Vedullapalli	13	..	..	13	..	252
	Wadarenu casuarina	72	..	..	72	..	457
	Nayanipalli do.	14	..	..	14	..	15
	Pandilapalli do.	15	..	..	15	..	15
	Orr's reserve palmyra	123	..	..	123	..	15
	Tummurukodu I Nim and Babul.	24	..	..	24	..	15
	Total, Kistna ..	1,252	35	..	1,287	782	1,952
	Total, Northern Circle ..	1,869	135	..	2,004	4,420	8,513
Central Circle.							
Cuddapah ..	Kodur (b)	37	..	..	37	29	72
	Uppavapalli (b)	108	..	..	108	20	71
	Reddipalli (b)	925	..	..	925	51	63
	Aremamibanda (b)	4	..	..	4	..	..
	Pullal-madugu (b)	55	..	..	55	..	..
	Pullampet (b)	426	..	..	426	28	72
	Kawalapuram (b)	454	..	..	454	202	132
	Rameswaram (b)	91	..	..	91	80	60
	Total, Cuddapah ..	2,100	..	..	2,100	410	470
	Dugarazpatam	825	20	..	845	958	998
	Kottapatam	657	70	..	727	8,964	787
	Tam-napatam	579	..	..	579	7,272	356
	Vutukur	180	7	..	187	1	200
Nellore ..	Varini	292	8	..	300	43	206
	Mamandur	9	..	..	9	1,987	52
	Tummalapenta	100	..	..	100	675	52
	Ramapatam	60	..	100	160	..	52
	Kottapatam	146	..	60	206	..	64
	Kanuparti	250	..	..	250	..	..
	Chantrasikuppam	10	..	..	10	..	..
	Total, Nellore ..	3,108	105	160	3,053	14,900	2,757
Chingleput ..	Meerur Palappur	263	..	..	263	97	123
	Mammandur	3	..	..	3	..	..
	Nazarethpettai	71	..	..	71	7	49
	Wallajabad	15	..	..	15	10	60
	Total, Chingleput ..	352	..	..	352	114	231

(a) As now revised by the Collector.

(b) All included in reserved forest.

FOREST DEPARTMENT.

Area of Plantations, 1895-96—cont.

District.	Name of plantation.	Area in acres.				Receipts.	Charges.
		On 1st July 1895.	Added during the year.	Excluded during the year.	Area on 30th June 1896.		
1	2	3	4	5	6	7	8
REGULAR PLANTATIONS—cont.							
Central Circle—cont.							
North Arcot ..	Tiruvellam	435	..	..	435	Rs. 324	Rs. 1,096
	Virinjipuram	260	..	..	260	1	1,996
	Ammundi	160	..	..	160	125	1,451
	Kilmannel	150	..	..	150	4,804	789
	Vanivodu	30	..	..	30	2	522
	Cheynoor	..	13	..	13	46	474
	Total, North Arcot ..	1,035	13	..	1,048	5,302	6,328
	Chengam	8	..	..	8	..	..
	Agaram	106	..	..	106	120	48
	Akshikadu	107	..	..	107	727	48
	Talankodor	184	..	..	184	2,372	448
	Fort St. David	44	..	..	44	..	48
	Shonankuppam	140	..	..	140	1,954	473
South Arcot ..	Donidhurai	105	..	..	105	1,129	179
	Nochikadu	467	..	..	467	1,455	829
	Periyakuppam	493	..	..	493	..	96
	Killai	75	..	..	75	462	48
	Pichavaram	49	..	..	49	..	47
	Periyappattu	115	..	..	115	..	49
	Malatar bed	27	..	..	27	..	..
	Add Municipal rent on Plantation lands.	..	..	..	..	..	253
	Total, South Arcot ..	1,920	..	..	1,920	8,249	2,566
Trichinopoly ..	....	3,754	..	(a) 3,754	..	15,416	1,882
	Tranquebar I (unreserved land).	52	..	(b) 52	..	..	..
	Tranquebar II (unreserved land).	92	..	92	..	..	..
	Vettangadi reserved forest	453	1	(c) 453	1	..	13
Tanjore ..	Kodiampuliam (unreserved land).	60	..	..	60	..	..
	Neidavasul reserved forest	51	..	(d) 9	42	882	198
	North casuarina reserved forest.	350	..	..	350	1,888	405
	South casuarina reserved forest.	250	..	..	250	1,612	410
	Total, Tanjore ..	1,308	1	606	703	4,382	1,026
	Total, Central Circle ..	13,577	119	4,520	9,176	48,773	15,260
Southern Circle.							
South Canara ..	Tirasi casuarina	2	..	(e) 2	..	..	..
	Ullal casuarina and Honne	64	6	..	70	123	348
	Tannirbhavi casuarina	61	..	..	61	1,111	100
	Parappa teak	52	..	..	52	..	20
	Add cost of sowing and planting and sundries.	..	..	..	..	..	342
	Total, South Canara ..	179	6	2	183	1,234	810
	Peria Kanoth teak, bamboo, &c.	224	100	..	324	..	231
North Malabar ..	Begur Padri teak and blackwood.	32	10	..	42	..	690
	Chedaleth teak	20	15	..	35	..	211
	Total, North Malabar ..	(f) 276	125	..	401	..	1,132
South Malabar ..	Nilambur plantations	4,319	..	..	4,319	11,506	4,777
	Nellikatta	120	..	..	120	..	218
	Total, South Malabar ..	4,439	..	..	4,439	11,506	4,995

(a) These are not plantations but tank-bed and padugai blocks portions of which were years ago planted up. 98 per cent. of the area contains either coppice or natural seedlings and 2 per cent. covered with casuarina or other exotics. The area has therefore been struck off the list.

(b) Abandoned long ago. (c) Portion of the Vettangudi reserved forest over which fruit trees have been planted. Has therefore been omitted from the list.

(d) Rectification of area. (e) Handed over to the Revenue Department.

(f) The Collector has not explained the excess area in the opening balance.

ANNUAL REPORT OF THE
Area of Plantations, 1895-96—cont.

District.	Name of plantations.	Area in acres.				Receipts.	Charges.
		On 1st July 1895.	Added during the year.	Excluded during the year.	Area on 30th June 1896.	Of the year.	
1	2	3	4	5	6	7	8

REGULAR PLANTATIONS—cont.

Southern Circle.—cont.

Nilgiris	Madumalai	61	..	36	25	Rs.	Rs.
	Benne	40	..	..	..	..	125
	Northern Hay	23	..	..	40	..	192
	Chemmanagudi	33	..	..	23	..	..
	Muthanad	95	..	8	25	..	..
	Brook lands	10	..	15	80	429	..
	Marlamund	11	5	..	15	..	..
	Therma tops	..	..	..	11	..	..
	Snowdon	7	6	..	6	..	..
	Governor's shola	277	8	..	15	..	..
	Aramby	251	..	68	211	1,063	258
	Cairn Hill	188	..	42	209	1,949	..
	Chinna Kunnur	147	..	83	105	1,644	..
	Arnakal	..	..	147	..	..	..
	Fern hill	..	9	..	9	..	..
	Deva shola	14	10	..	10	..	..
	Black bridge	56	..	10	4	..	..
	Bleak house	87	..	..	56	..	..
	Bandy shola	95	..	..	87	..	..
	Coonoor peak	240	..	1	94	39	..
South Coimbatore.	Teppakuohi	35	..	34	206	334	..
	Rallia	138	..	1	34	..	..
Madura ..	Kullar	240	..	33	105	3	..
	Municipal assessment	..	..	..	240	..	125
Total, Nilgiris		2,048	(a) 38	(b) 476	1,610	5,461	2,583
South Coimbatore.	Tunacadvava Nos. I to IV	28	..	..	23	..	(c) 250
	Vannathi Parai teak plant- ation	7	..	..	7	..	..
Madura ..	Post office plantation	8	..	..	8	..	..
	Vilancumbie teak plantation	4	..	..	4	..	..
Madura ..	Pumbarai Acacia plantation	3	..	..	3	..	..
	Kodaikanal scattered plant- ation	3	..	..	3	..	..
Madura ..	Gundan shola plantation	146	..	..	168	1,847	527
	Thenur	12	22	..	12	..	..
Madura ..	Thovariman	21	..	..	21	..	..
	Total, Madura	204	22	..	226	1,847	527
Total, Southern Circle		7,174	191	478	6,287	20,048	10,297
Grand Total, Regular plant- ations		22,620	445	4,998	18,067	73,241	34,070

CULTURAL OPERATIONS.

Northern Circle.

Northern Circle.							
Ganjām ..	....	402	3	1	404	20	295
Vizagapatam ..	....	..	..	..	..	..	41
Gó dá va ri ..	....	(d) 62 (g)	..	..	..	..	1,068
Kistna ..	....	340	18	..	62	55	(e) 36
Kurnool ..	....	(g) 52	..	..	558	..	(f) 612
Bellary ..	....	..	..	..	52	158	..
Anantapur ..	....	856	21	1	876	233	2,092
Total, Northern Circle ..							
(a) By rectification of area.							
(b) By rectification.							

- (a) By rectification of area.
 (b) By rectification of area and transfer to cultural operations.
 (c) Cost of clearing jungle and wild growth, &c.
 (d) Nurseries for Kondapalli and Kondavid reserves and Nurseries experimental for exotics and fruit trees.
 (e) Planting seedlings in the Nandyal bungalow.
 (f) For sowing, &c.
 (g) The Collector has not explained the excess area in the opening balance.

Area of Plantations, 1895-96—cont.

District.	Name of plantation.	Area in acres.				Receipts.	Charges.
		On 1st July 1895.	Added during the year.	Excluded during the year.	Area on 30th June 1896.	Of the year.	
1	2	3	4	5	6	7	8

CULTURAL OPERATIONS—cont.

Central Circle.

Cuddapah	593	8	..	601	Rs.	Rs.
Nellore	1,072	60	..	1,132	..	(a) 237
Chingleput	..	..	..	..	..	239
North Arcot	1,407	155	..	1,562	7	4
South Arcot	1,326	164	..	1,490	..	1,882
Trichinopoly		Mls. }	104	10	Mls. }	1,411
Tanjore		100	..	100	2,334	64
Tanjore		1,208	40	..	1,248	24
Total, Central Circle		5,606	531	10	6,127	2,341
Total, Central Circle		Mls. }	..	..	Mls. }	3,861
Total, Central Circle		100	..	..	100	..

Southern Circle.

North Malabar	109	..	109	..	..	..
Nilgiris	67	414	(a) 2	479	..	1,150
South Coimbatore	(b) 66	109	..	175	..	1,240
Tinnevely	3,343	66	13	3,396	..	462
Total, Southern Circle		3,585	589	124	4,050	2,852
Total, Cultural Operations		10,047	1,141	135	11,053	2,574
Total, Regular Plantations and Cultural Operations, Northern Circle		2,725	156	1	2,880	4,653
Total, Regular Plantations and Cultural Operations, Central Circle		19,183	650	4,530	15,303	51,114
Total, Regular Plantations and Cultural Operations, Southern Circle		Mls. }	..	..	Mls. }	19,121
Total, Regular Plantations and Cultural Operations, Southern Circle		10,759	780	602	10,937	20,048
Grand Total		32,667	1,586	5,133	29,120	75,815
Grand Total		Mls. }	..	..	Mls. }	42,865
Grand Total		100	..	..	100	..

- (a) Rectification of area and actual addition.
 (b) The Collector has not explained the difference between this column and the closing balance of the previous year.

ANNUAL REPORT OF THE

ANNUAL FORM No. 54.

Forest Department, Madras Presidency.

Annual list of topes.

Districts.	Taluk or Range.	No.	Name of tope.	Chief trees.	Area.	Cost.		Remarks.
						During year.	To end of year.	
Northern Circle.								
Ganjám.	Berhampur ..	3		Miscellaneous ..	ACS. 13	RS. ..	RS. ..	922
	Goomsur ..	1	....	Do. ..	83	..	..	
	Chicacole ..	3	....	Do. ..	5	..	..	
		7		Total, Ganjám ..	101	..	922	
Vizagapatam.	Palkonda ..	1	Garuguballi ..	Teak and sál ..	27	113	..	..
		2	China Mangalapuram ..	Teak and rellagrass ..	51	67	..	
				Total, Vizagapatam ..	78	180	783	
Godávári.								
Bandur ..		1	Bombay basin tope ..	Casuarina ..	14	60	..	..
		2	Bandur nursery and Collector's cutcherry compound.	Graft mangoes ..	4	..	..	
		3	Bandur Tahsildar's cutcherry compound.	Do. and tamarind.	4	125	..	
Kistna.	Bezwada ..	4	Nandigáma ..	Margosa ..	11	..	..	20
		5	* Do. Tahsildar's cutcherry compound.	Margosa and mangoes, &c.	..	..	..	
		6	Bezwada Head Assistant Collector's cutcherry compound.	Mangoes ..	3	60	..	
Vinukonda.		7	Vinukonda ..	Margosa and palmyra ..	6	..	..	..
		8	Remidicherla ..	Soapnuts, &c. ..	3	..	..	
		9	Narasaraopet ..	Palmyra, &c. ..	7	..	..	
		10	Kunkalagunta ..	Nim ..	5	..	..	
		10		Total, Kistna ..	57	265	2,923	
Ramallakot.		1	China Tekur ..	Tamarind and mango trees.	7	..	..	..
		2	Ullindakonda ..	Do. do.	7	..	..	
		3	Veldurti (Brahmagundum.	Do. do.	24	..	..	
		4	Udumalapad ..	Do. do.	5	..	..	
		5	Pyalakurti ..	Do. do.	6	..	..	
		6	Ko tupalli ..	Do. do.	6	..	..	
		7	Tamarajupalli ..	Do. do.	6	..	..	
		8	Kurava Nagalapuram ..	Do. do.	4	..	..	
				Total ..	11	..	..	
Pattikonda.		9	Kodumur ..	Tamarind and mango trees.	3	..	..	..
		10	Karevemula ..	Do. do.	6	..	..	
		11	Billikallu ..	Do. do.	5	..	..	
		12	Yenugamarri ..	Do. do.	6	..	..	
		13	Chenchu Yerragudi ..	Do. do.	9	..	..	
		14	Pattikonda Munro's tope.	Do. do.	17	104	..	
		15	Kristipad ..	Do. do.	3	..	..	
		16	Alavakonda ..	Do. do.	2	..	..	
Kurnool.		17	Jammulavaridinni ..	Do. do.	3	..	..	..
		18	Rupanagudi ..	Do. do.	1	..	..	
				Total ..	55	104	..	
Nandikotkur.		19	Vipanagundla ..	Do. do.	2	..	..	..
		20	Nandikotkur ..	Do. do.	3	80	..	
				Total ..	5	80	..	
Nandyal ..		21	Kakanur ..	Do. do.	25	..	..	..
		22	Ayalur ..	Do. do.	4	..	..	
				Total ..	29	..	..	
Sirvel ..		23	Nallaguntla ..	Do. do.	6	..	..	..
		24	Govindapalli ..	Do. do.	10	..	..	
				Total ..	16	..	..	
Cumbum ..		25	Surepalli ..	Do. do.	4	..	..	..
		26	Bestwarapeta ..	Do. do.	9	..	..	
				Total ..	13	..	..	
* Added during the year.								

* Added during the year.

FOREST DEPARTMENT.

Annual list of topes—cont.

Districts.	Taluk or Range.	No.	Name of tope.	Chief trees.	Area.	Cost.		Remarks.	
						During year.	To end of year.		
Northern Circle—cont.									
Kurnool—cont.	Markapur ..	27	Markapur .. ..	....	ACS. 8	RS. ..	RS. ..		
		28	Dupad .. ..	....	4	..	..		
		29	Ramachendrakota ..	....	2	..	..		
		(a) 29		Total ..	14	..	..		
				Total, Kurnool ..	(b) 202	(c) 184 — 42	9,735		
Bellary.	Bellary ..	1	Tagginabudebalu ..	Casuarina	29	..	..		
		2	Kuditani	Tamarind and mango ..	3	..	..		
		3	Kolagal	Tamarind	5	..	..		
		4	Rupanagudi	Do. and margosa ..	13	..	..		
		5	Kuggal	Tamarind	5	..	..		
		6	Rayadrug	Various kinds	3	60	..		
		7	Somalapuram ..	Tamarind and margosa ..	4	51	..		
		8	Mallapuram ..	Do.	5	52	..		
		9	Udegolam	Do. and margosa ..	5	..	..		
		10	Appinakeri ..	Mango, &c.	5	..	..		
	Kodligi ..	11	Bandri	Do.	3	..	..		
		12	Ramadurgam ..	Do.	1	..	..		
		13	Kosakeri	Do.	3	..	..		
		14	Kolinakal	Tamarind and mango ..	9	..	..		
		15	Hadagalli	Margosa	2	..	..		
		16	Kuruvatti	Figs, &c.	1	..	..		
		17	Teligi	Tamarind and mango ..	2	..	..		
		18	Lingadahalli ..	Do.	16	..	..		
		19	Alur	Tamarind and Ippa ..	20	..	..		
		20	Aspari	Do.	8	60	..		
	Adoni ..	21	Kokkarachedu ..	Tamarind	1	..	..		
		22	Neraniki	Do.	5	..	..		
		23	Suluwaye	Do.	12	..	..		
		24	Kurukundi	Do.	10	..	..		
		25	Tornagal	Do.	2	..	..		
		26	Cheppagiri	Do.	19	..	..		
		27	Benegira	Do.	7	..	..		
		28	Hanegera	Do.	1	..	..		
		29	Kullubhavi	Casuarina, &c.	8	80	..		
		30	Yemmiganur ..	Mango, &c.	5	..	..		
		* 30		Total, Bellary ..	212	283	2,009		
Anantapur.	Gooty ..	10	Amaroy and jali ..	Palmyra, babul and tamarind.	184	118	..		
		20	Do.	Do. do. ..	689	227	..		
		29	Do.	Do. do. ..	1,555	180	..		
		15	Do.	Do. do. ..	310	72	..		
		16	Do.	Do. do. ..	121	76	..		
		5	Do.	Do. do. ..	26	69	..		
		95		Total, Anantapur ..	2,885	742	9,227		
	Total N. C. ..	173		Total, Northern Circle ..	3,555	1,612	25,599		
Central Circle.									
Cuddapah.	Koduru ..	1	Chinnaorampad ..	Mango	8	..	805		
		2	Anantampalli ..	Do. albizzia	6	33	742		
		3	Kodur	Do. tamarind	7	..	1,548		
		4	Periyavaram ..	Palmyra	24	..	183		
			4		Total ..	45	33	3,278	
	Razampeta.	1	Pullampet	Mango, albizzia	2	..	686		
		2	Utukur	Margosa	15	..	1,517		
		3	Rajampet	Do. and tamarind ..	5	..	813		
		4	Nagireddipalli ..	Palmyra	19	..	249		
		5	Yerraballe	Tangdie	7	..	48		
			5		Total ..	48	..	3,313	
	Sidhout ..	1	Kondur	Albizzia	11	22	3,053		
		2	Razupalam	Eugenia, &c.	8	22	1,516		
		3	Sidhout	Mango, &c.	9	..	2,571		
4		Obalam	Tamarind	12	..	1,478			
		4		Total ..	40	44	8,618		

* One tope was abandoned during the year.

(a) Date plantation at Bairluti and bamboo plantations at Pudur in Gadidamadugu reserve and Tekulakonda reserve and the cost incurred on these were excluded from this form as they ought to be shown in form No. 53 (plantations); hence decrease in number and total cost.

(b) The increase in area is due to the addition of 20 acres being extent of Munro's tope taken from Revenue Department and Nandikotkur tope purchased in last year.

(c) Deducted as per Accountant-General's Statement Form No. 59.

ANNUAL REPORT OF THE

Annual list of topes—cont.

Annual list of topes—cont.								
Districts.	Taluk or Range.	No.	Name of tope.	Chief trees.	Area.	Cost.		Remarks.
						During year.	To end of year.	
Central Circle—cont.								
Cudda- pah— cont.	Badvel	1	Ragulakunta		acs.	rs.	rs.	
		2	Badvel	Margosa, &c.	2			
		3	Janikiramayyapatti	Do.	13			766
		4	Venkatapuram	Do.	12			579
		5	Porumavilla	Tamarind, &c.	12			546
		6	Vattamadugu	Do.	11			453
		6		Do.	13			350
								694
				Total	63			3,418
		Proddatur	1	Chinte kunta				
		2	Maidukur	Mango and margosa	25			1,447
		2		Do. and tamarind	7			323
			Total	32			1,770	
	Jammalma- dugu.	1	Dignavapatnam	Mango	11			1,638
		2	Muddanur	Margosa and dirisanam	5			621
		3	Vomigattapalli	Do.	2			323
		4	Ponnatota	Casuarina	2			460
		5	Talla Proddatur	Margosa and dirisanam	86			1,954
		6	Kodur	Do.	21			2,105
		7	Pottipandu	Do.	99			861
		8	Kondapuram	Do. and palmyra	25			1,262
		9	Gandulair	Do.	58			3,918
			Total	309			13,143	
	Pulivendla.	1	Idupulapaya	Palmyra	517	60		1,930
		2	Pulivendula	Margosa and dirisanam	32			1,128
		3	Alireddipalli	Babul	16			68
		4	Vempalli	Palmyra	15			362
		5	Tellur	Margosa and dirisanam	6			905
		6	Velapula	Do.	4			691
		7	Mallela	Do.	6			419
		8	Nidivelagula	Babul	15			145
		9	Kasanur	Do.	7			164
		10	Balapanur	Do.	20			176
			Total	638	60		5,988	
	Cuddapah	1	Ootakur	Mango	2			449
		2	Kokatam	Margosa and dirisanam	12			729
		3	Erraguntla	Do.	5			954
		4	Kondur	Mango	19			137
		5	Pushpagiri	Margosa and dirisanam	7			289
		6	Appayapalli	Casuarina	93			3,590
		7	Gudur	Palmyra, margosa and albezzia tella tamma.	40			10
			Total	178			6,153	
	Kadiri	1	Tsadam	Margosa and dirisanam	10			194
		2	Odulapalli	Do.	12			240
		3	Saidapuram	Palmyra	5			490
		4	Kadiri	Margosa and dirisanam	5			754
		5	Obuladevara cheruvu	Do.	12			825
		6	Gangapalli	Do.	8			219
		7	Dhavayani cheruvu	Do.	8			173
		8	Kurli	Do.	13			343
			Total	73			2,738	
	Madanapalle	1	Basinikonda	Tamarind, maddi and casuarina.	16			1,922
		2	Madanapalli	Casuarina	25	60		2,831
		3	Do. new tope	Bark, ornamental trees	3			357
		4	Battabuvotti gadda	Mango, &c.	2			1,300
		5	Vempalli	Palmyra	10			10
		6	Thettoo	Margosa, dirisanam, &c.	6			654
		7	Horsleykonda	Mango, orange, coffee and ornamental trees.	3	21		
			Total	65	81		7,074	

FOREST DEPARTMENT.

Annual list of topes—cont.

Districts.	Taluk or Range.	No.	Name of tope.	Chief trees.	Area.	Cost.		Remarks.	
						During year.	To end of year.		
Central Circle--cont.									
Cudda- pah- cont.	Báyachóti..	1	Guvvalacheruvu	Margosa and tamarind ..	ACS. 14	RS. ..	RS. 366		
		2	Sambupalli	Do. do. ..	15	..	200		
		3	Chitlur	Do. do. ..	17	..	530		
		4	Hasanapuram	Palmyra	44	63	866		
		5	Galivedu	Margosa and tamarind ..	5	..	139		
		6	Gadikota	Palmyra	14	..	103		
		6				109	63	2,317	
	Vayalpad ..	1	Kalikeri	Margosa, tamarind ..	13	..	1,274		
		2	Kalakada	Do. ..	9	..	1,237		
		3	Piler	Palmyra	8	..	931		
		3		Total ..	30	..	3,442		
			Total, Cuddapah ..	1,630	281	61,256			
Nellore ..	Chingleput.	1	Athur	Mangoes, ... margosa, jack, &c.	24	..	1,368		
		2	Mamandur	Tamarind and casuarina ..	11	..	1,183		
		3	Nelvoy	Casuarina and margosa ..	10	..	1,337		
		4	Karunguli	Mangoes, margosa, &c. ..	4	5	1,072		
		5	Sathupakkam	Iluppai and mangoes ..	6	..	1,233		
		6	Sithanur	Casuarina and iluppai ..	5	..	891		
				Total ..	60	5	7,084		
	Saidapet ..	7	Homes Garden	Korukapuli, mangoes, tamarind, cocconut, and wood-apple, &c. }	26	72	1,898		
		8	Marmalong Bridge tope. }		3	60			
				Total ..	29	132	1,898		
Chingle- put.	Tiruvallúr..	9	Tiruvallúr	Mango, tamarind and margosa.	5	..	2		
		10	Periacuppam	Margosa and mangoes ..	3	..			
					Total ..	8	..	2	
				Miscellaneous charges ..	..	132	266		
				Total, Chingleput ..	97	269	9,250		
	Chittoor ..	3		Tamarind, mango, teak, palmyra, cocconut, ca- suarina and iluppai.	138	84	2,146		
				Mango, fig, palmyra, nim, tamarind and wood- apples.	26	..	2,232		
	Chandragiri..	4		Mango, iluppai, tamarind, cocconut, casuarina and eucalyptus.	176	42	10,260		
				Babul, palmyra, nagai, date, mango, wood- apple, cocconut, tama- rind, orange and banyan.	55	42	16,598		
	North Arcot.	Palmanér ..	8		Casuarina, mango, iluppai, wood-apple, tamarind, palmyra, teak and babul.	994	235	4,711	
				Tamarind, casuarina, pal- myra, mango, goa, bany- an, fig, jack, orange, wood-apple, babul, date, cocconut, soapnut and lime.	59	42	1,226		
Gudiyáttam..		3		Mango, tamarind, iluppai, palmyra, date, casuarina, goa and banyan.	119	..	524		
				Mango, iluppai, nagai, ca- suarina, tamarind, babul, &c.	207	48	6,863		
Vellore ..		9		Tamarind, mango and palmyra.	164	36	222		
Polur ..		8							
Arcot ..		7							
Wallajah ..	13								
Wandiwash..	16								
		71							
				Total, North Arcot ..	1,933	529	44,782		

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Annual list of topes—cont.

District.	Taluk or Range.	No.	Name of tope.	Chief trees.	Area.	Cost.		Remarks.
						During year.	To end of year.	
Central Circle—cont.								
South Arcot.	No. I, Tiruvannamalai.	1	Tandrapet	Tamarind and illuppai ..	ACS. 5			
		2	Mallavadi	Tamarind, illuppai and palmyra.	3	..	..	
		3	Sorandai	Nagai, tamarind and illuppai.	5	..	..	
		4	Nukumbadi	Tamarind and illuppai ..	11	..	..	
		5	Mangalam	Illuppai, nagai	6	..	..	
		6	Mudiyannur	Tamarind, illuppai	5	..	..	
		7	Nallur	Tamarind and illuppai ..	2	..	..	
		8	Kilnattur	Do. do.	6	..	..	
		9	Attandal	Illuppai and nagai	4	..	..	
		10	Savalpundi	Illuppai, vembu and mango.	4	..	..	
		11	Mekalur	Illuppai, tamarind and nagai.	11	..	..	
		12	Somasipadi	Illuppai	4	..	..	
		13	Kolappadi	Tamarind, illuppai and nagai.	6	..	..	
		14	Kolakkudi	Tamarind, illuppai and mango.	6	..	..	
		15	Maltur	Tamarind, illuppai and nagai.	5	..	..	
		16	Nadalaganahda	Illuppai	5	..	..	
		17	Nathangal	Illuppai, katwagai and poovarasam.	1	..	..	
		18	Damarakulam	Illuppai and katwagai ..	2	..	..	
		19	Ella Pillaikulam	Tamarind and illuppai ..	3	..	..	
		20	Konalur	Mango, nagai, illuppai and tamarind.	4	..	..	
		21	Nochimalai	Tamarind, illuppai and babul.	5	..	..	
		22	Kilserupakam	Tamarind and illuppai ..	3	..	..	
		23	Somasamudram	Tamarind, vembu, illuppai, nagai and mango.	6	..	..	
		24	Samudram	Tamarind, vembu, illuppai and nagai.	4	..	..	
		25	Do.	Tamarind, illuppai, vembu and mango.	2	..	..	
	26	Kallimedu	Tamarind and illuppai ..	1	..	..		
	27	Relief camp	Mango, red sanders, valvelangu, ceera rubber peblan, keggli, ponata, sissu and cashew.	6	..	..		
	28	No. II, Tindivanam.	Marisetti	Casuarina, tamarind, cashew and mango stem.	3	..	..	
	29		Nathangal	Illuppai, katwagai, tamarind and sandal, &c.	7	..	..	
	30		Sattambadi	Illuppai, mango, vembu and katwagai.	16	..	..	
	31		Divanur	Illupai, tamarind	5	..	..	
	32	Poovarasankuppam	Tamarind, palmyra and nagai.	2	..	..		
	33	Tirupachanur	Tamarind, nagai and palmyra.	6	..	..		
	34	No. III, Villupuram.	Maharajapuram	Tamarind	3	..	..	
	35		Palaput	Do.	16	..	..	
	36		Panamalai	Tamarind, nagai and illuppai.	2	..	..	
	37		Ariyur	Tamarind and illuppai ..	3	..	..	
	38	Sattanur	Tamarind, babul and palmyra.	5	..	..		
	39	Pattanur	Mango, tamarind, illuppai, cashew, &c., nelli.	10	..	..		
	40	No. IV, Cuddalore taluk.	Poongunam	Tamarind, mango and babul-port'u.	7	..	..	
	41		Melkondalavadi	Tamarind, &c., 40 species.	13	..	..	
	42		Palaman	Nil	2	..	..	
	43	Chidambaram taluk.	Vannankuttai	Illuppai and konnai ..	3	..	..	
	44		Kasha nursery	Mango, tamarind, vila, palmyra.	6	..	..	
	45	No. V, Tirukóyilur.	Indali	Mango, illuppai, tamarind.	12	..	..	
	46		Namasivayapuram	Tamarind, palmyra and illuppai.	10	..	..	
	47		Melvali	Mango, tamarind and velvelam.	16	..	..	
	48		Bangaram]	Tamarind and palmyra ..	8	..	..	
	49		Sankarapuram, north ..	Mango	31	..	..	

FOREST DEPARTMENT.

Annual list of topes—cont.

District.	Taluk or Range.	No.	Name of tope.	Chief trees.	Area.	Cost.		Remarks.	
						During year.	To end of year.		
Central Circle—cont.									
South Arcot—cont.	No. VI, Kallakurichi—cont.	50	Sankarapuram, south ..	Mango	9	..	..		
		51	Puttai	Do.	11	..	..		
		52	Kattuvanyur	Do.	30	..	..		
		53	Kattukudi	Tamarind and illuppai ..	8	..	..		
	No. VII, Vriddhachalam.	54	Kallakkurichi	Mango and tamarind ..	1	..	..		
		55	Vallimarudam	Tamarind and palmyra ..	6	..	..		
		56	Tindivanam, Depôt ..	Mellingtonu, &c. ..	1	..	..		
	No. II, Tindivanam.	57	Murungapakam	Sissur, peltaphorum and cashew.	6	..	..		
		58	Allamputtur	Mango, tamarind and illuppai.	19	..	..		
		59	Sirunampundi	Tamarind and mango ..	2	..	..		
	No. III, Vilupuram.	60	Surappa Naicken tope ..	Tamarind, illuppai, palmyra and vembu.	2	..	..		
		61	Salaiyumpaliem	Illuppai and mango ..	5	..	..		
		62	Mathur	Mango and palmyra ..	2	..	..		
	No. VI, Kallakurichi.	63	Neelamangalam	Nagai, mango and tamarind.	89	..	..		
		64	Yemaputtur	Tamarind	13	..	..		
		65	Urangam	Tamarind, nagai and velwel.	13	..	..		
	No. VII, Vriddhachalam.	66	Karunguli	Do. do. ..	3	..	..		
		67	Orangur, 1st Bit	Do. do. ..	20	..	..		
		68	Do 2nd Bit	Do. do. ..	4	..	..		
		69	Do 3rd Bit	Do. do. ..	5	..	..		
		70	Tachoor	Do. do. ..	6	..	..		
					Total ..	(b) 567	..	9,027	
	Salem.	Salem, East.	a 70	•					
			1	Pudur Nursery tope ..	Mango, &c.	2	..	1,416	
			2	Haithampatti forest bungalow tope.	Tamarind, &c.	1	..	..	
			3	Civil Court compound tope.	Manja konnai, &c. ..	6	..	1,833	
			4	Kallankuttai Knox tope.	Margosa, &c.	5	..	..	
			12	Line Local Fund Bungalow tope.	Mango, &c.	2	..	..	
			16	Ayothiyapatnam tope ..	Do.	8	..	1,862	
17			Kattaveppalapatti tope ..	Do.	25	..	143		
18			Mattupatti tope	Do.	25	..	723		
19			Valasur tope	Do.	25	..	1,355		
31			Venamdur tope	Tamarind, &c.	10	..	1,329		
35			Muthukalipatti tope ..	Do.	3	..	1,061		
Tirupattur.		36	Koneripatti tope	Nagai, &c.	30	..	2,636		
		37	Anaikattipalayam tope ..	Tamarind, &c.	35	..	2,464		
		38	Andagalur tope	Do.	58	..	32		
		39	Athanur tope	Do.	50	..	4,089		
		62	Yercaud and sacred grove tope.	Do.	20	..	..		
		63	Vellalapatti tope	Tamarind, &c.	2	..	768		
		6	Koratti palmyra tope ..	Palmyra, &c.	11	..	263		
		7	Tirupattur palmyra tope.	Do.	15	..	199		
		8	Elavanpatti	Do trees	15	..	291		
		9	Erunampatti tope	Tamarind, &c.	4	..	379		
		12	Vaniyambadi Railway Camping tope.	Karuvela, &c.	10	..	315		
		13	Komarampatti palmyra tope.	Palmyra	15	..	165		
		Tiruchengod.	14	Thamalarai Muthur tope.	Palmyra, trees, &c. ..	39	..	209	
16	Range office compound tope.		Vagai and vembu, &c. ..	1	..	125			
17	Odaya Mathur tope		Tamarind, &c.	4	..	..			
18	Perampatti tope		Do.	6	..	..			
19	Alangayam tope		Do.	2	..	..			
20	Nimmayampatti tope ..		Do.	4	..	..			
22	Nallerkidiranampalli Railway bungalow tope.		Thuringi, &c.	24	..	..			
13	Paramathi (new) tope ..		Tamarind, &c.	2	..	110			
15	Nallur tope		Do.	8	..	210			
18	Valur do.		Cocoanut, &c.	5	..	230			
Námakkal.	19	Maniyannur tope	Tamarind, &c.	1	..	210			
	20	Manapally do.	Do.	2	..	..			
	23	Moganur north (new) tope.	Do.	11	..	..			
	24	Forest range office tope ..	Do.	1	..	..			
	21	Moganur old tope	Tamarind, &c.	4	..	..			
Tiruchengod.	22	Moganur nadu new tope.	Do.	8	..	446			
	1	Paluvy tope	Do.	8	..	334			
	3	Madasappan tope	Do.	42	..	..			

(a) The topes not required by the department were transferred. Hence a decrease in the number of topes.
(b) Rectification of area.

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Annual list of topes—cont.

Annual list of topes—cont.								
District.	Taluk or Range.	No.	Name of tope.	Chief trees.	Area.	Cost.		Remarks.
						During year.	To end of year.	
Central Circle—cont.								
Tiruchengod—cont.		9	Aramugathan kuttai tope.	Palmyra, &c.	acs.		Rs.	
		10	Pavadi tope	Do.	16			
		13	Railway station tope	Mango, &c.	3		1,001	
		40	Atur Railway station tope.	Tamarind, &c.	6			
		41	Kodiyampett tope	Do.	3		261	
		42	Thasasamudram tope	Margosa, &c.	10		1,369	
		43	Pannappatu or Poojari-patti tope.	Tamarind, &c.	34		2,139	
		44	Chikkanampatti tope	Do.	18		1,471	
		49	Omalur (old) Mango tope.	Mango, &c.	15		674	
		53	Omalur tope opposite to bungalow.	Margosa, &c.	7		1,084	
Salem, west..		56	Nangapalli Palikuttiyeri tope.	Do.	6			
		57	Nangapalli Shandai tope.	Do.	10		517	
		58	Nangapalli Mecheri or Kuttappatti tope.	Do.	3		423	
		59	Pachampatti tope.	Do.	16		349	
		1	Pnthragoundanpalayam tope.	Karuvula, &c.	6		852	
		2	Kututkuttai tope	Mango, &c.	82		1,258	
		6	Animapalayam tope	Cocoanut, &c.	9		1,011	
		7	Thedavur tope	Tamarind, &c.	8		753	
		9	Ichampatti tope	Do.	7		571	
		13	Munjari tope	Cocoanut, &c.	3		404	
Atur		15	Atur Forest-office tope	Tamarind, &c.	2		575	
				Margosa (Vembu) &c.			65	
		1	Samulpatti tope	Do.	9		18	
		2	Arbuthnot do.	Tamarind, &c.	35		5,388	
		4	Le Fanu's Camping tope..	Do.	4		461	
		6	Hanumanthathirtham tope.	Do.	11		1,222	
		8	Singarapatti tope	Do.	1		1,231	
		9	Moganurpatti tope	Do.	17		1,713	
		19	Payyappatti tope	Do.	11		740	
		20	Eachambadi do.	Do.	7		1,372	
Uttangarai.		23	Thirthamalai do.	Do.	8		1,589	
		24	Byerinasayampatti tope	Do.	8		1,168	
		25	Kottappatti tope	Do.	6		901	
		26	Chinthalapadi tope	Do.	3		872	
		27	Pulivayur tope	Do.	11		684	
		29	Kombur choultry tope	Do.	2		325	
		28	Do. tope	Do.	4		731	
		30	Longley's camping tope	Margosa, &c.	2		579	
		31	Lefanu's camping tope at Harur.	Tamarind, &c.	3		164	
	Salem—cont,		1	Hosur yeri tope	Do.	10		558
		4	Jubee tope	Casuarina, &c.	4		484	
		5	Andivadi A tope	Pungam, &c.	4		256	
		6	Do. B do.	Casuarina, &c.	8		436	
		7	Do. C do.	Nagai, &c.	12		637	
		8	Do. D do.	Iluppai, &c.	19		994	
		9	Do. E do.	Seemai avaram	3		148	
		10	Kattur A tope	Pungam, &c.	19		244	
		11	Do. B do.	Do.	20		1,567	
		12	Do. C do.	Mango, &c.	28		440	
Hosur		14	Bommandapalli A tope	Do.	24		1,063	
		16	Do. C do.	Do.	2		902	
		17	Jeegoor tope	Casuarina, &c.	18		127	
		19	Naribalkonda tope	Mango, &c.	6		1,239	
		20	Medegarapalli tope A	Nagai, &c.	12		234	
		22	Sanamavoo tope	Pungam, &c.	6		924	
		29	Samanappalli tope	Do.	6		550	
		32	Denkanikota A tope	Do.	1		131	
		33	Do. B do.	Mango, &c.	3		315	
		34	Do. C do.	Vagai, &c.	83		1,954	
Dharmapuri.		35	Panchatchipuram A tope.	....	8		299	
		87	Kalamangalam tope	....	11			
		43	Denkanikottah Forest office.	....	1			
		44	Small plantation in front of Denkanikottah Forest-office.	....				
		1	Pennagaram A tope	Tamarind, &c.	2		313	
		2	Do. B do.	Do.	3		374	
		3	Do. C do.	Do.	5		73	
		4	Do. D do.	Mango, &c.	1		132	
		5	Do. E do.	Tamarind, &c.	6		562	
		9	Nallampalli A tope	Do.	4			

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Annual list of topes—cont.

District.	Taluk or Range.	No.	Name of tope.	Chief trees.	Area.	Cost.		Remarks.
						During year.	To end of year.	
Central Circle—cont.								
Salem— cont.	Dharmapuri —cont.	10	Nallampalli B tope ..	Tamarind, &c. ..	ACS. 9	RS. ..	RS. 660	
		13	Sogathur tope ..	Do. ..	231	..	2,240	
		23	Karimangalam B or Shandy tope.	Do. ..	6	..	544	
		24	Mahendramangalam tope.	Mango, &c. ..	6	..	689	
		29	Hogamkal tope ..	Tamarind, &c. ..	6	..	..	
		32	Sogathur B tope ..	Do.	26	..	..	
		1	Kanakamettu A tope ..	Tamarind, &c. ..	30	..	1,239	
		2	Do. B do. ..	Palmyra, &c. ..	12	..	476	
		3	Doulutabad tope ..	Do. ..	3	..	453	
		5	School tope ..	Tamarind, &c. ..	5	..	994	
		8	Thogarapalli tope ..	Palmyra, &c. ..	8	..	1,266	
		9	Gangavaram tope..	Do. ..	12	..	1,247	
		11	Kottupalli tope ..	Tamarind, &c. ..	31	..	2,861	
		12	Chendrapuram Tirupatti tope.	Mango, &c. ..	3	..	628	
		13	Morampalli tope ..	Iluppai, &c. ..	12	..	1,247	
		16	Gidayarampatti tope ..	Tamarind, &c. ..	42	..	2,891	
		17	Manjamodu tope ..	Palmyra, &c. ..	49	..	2,785	
		20	Jambukutiapatti tope ..	Naga, &c. ..	48	..	3,280	
		21	Kamandapalli tope ..	Palmyra, &c. ..	2	..	618	
		128		Total, Salem ..	1,854	(a) 84	96,507	
		Trichinopoly	Kulittalai ..	1	Yedamalaipatti ..	Mango, &c. ..	4	..
2	Kariamanickam ..			Do. ..	10	..	809	
3	Todaiyur ..			Do. ..	4	..	212	
4	Pichandarkoil ..			Do. ..	3	..	..	
5	Nandiar nursery ..			Do. ..	5	..	..	
6	Melur ..			Mango and cocoanut	4	..	† ..	
7	Do. ..			Cocoanut ..	2	..	† ..	
8	Do. ..			Bamboo ..	3	..	..	
9	Allur ..			Sissu ..	1	..	..	
10	Jeapuram ..			Do. ..	..	..	..	
11	Seerungamani ..			Do. ..	6	..	..	
12	Kannundayampatti ..			Tamarind ..	2	..	168	
13	Rajendram ..			Mango, &c. ..	1	..	..	
14	Nineteenth mile garden on the road from Trichinopoly to Salem.			Do. ..	1	..	..	
15	Twenty-first mile on the road from Trichinopoly to Salem.			Do. ..	3	..	10	
16	Vellalapatti ..			Tamarind ..	13	..	..	
17	Yesanai ..			Mango, &c. ..	9	57	382	
18	Vaipur ..			Do. ..	2	..	..	
18		Total, Trichinopoly ..	73	57	1,874			
368	Total, Central Circle ..	6,159	1,220	2,22,696				
Southern Circle.								
North Malabar	Begur Padri range.	1	Experimental garden, Manantoddy.	Eucalyptus, Ceara rubber, Cinchona, Mahogany, Ficus, Elestia, Dendrocalamus Brandesse.	20	400	4,584	
		2	Tholpatty orange topes ..	Orange trees ..	..	..	..	
			Total, North Malabar ..	20	657	4,584		
South Malabar.	Palghat ..	1	Pulliapalli ..	Mango, pungamia Glabra, Tamarindus Indica Terminalia, Puntilata and Engena Jambolana.	20	..	9	
			Total, South Malabar ..	20	..	9		

* Excludes cost of topes transferred to other departments.

† Two topes of an aggregate area of about 12 acres were excluded by transfer to other heads and the Melur topes which were hitherto shown under cultural operations have been transferred to this list with their correct areas.

(a) Added as per Accountant-General's statement, F. No. 59.

• Not reported. Retained for a future depôt.
 (a) The decrease in the number of topes is not explained by the Collector.
 (b) No information is available when and under what circumstances they were brought under the control of the Forest Department.
 Practically they are not now seen to and steps will be taken to hand them over to the Land Revenue Department as it is not worth while keeping them under reservation.

FORM NO. 55.
Forest Department, Madras Presidency.

Quantity (in cubic feet, solid) of timber and fuel during the year 1895-96 and agency of exploitation.

OUTTURN (in cubic feet, solid) of timber and rough sawing

District.	Timber in the rough logs.						Timber in the rough poles.						Sawn or squared timber.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
	Purchasers.			Free-grantees.	Right-holders.	Total.	Purchasers.			Free-grantees.	Right-holders.	Total.		Government.	Purchasers.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
	Government.	3	4				5	6	7							8	9	10	11																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
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Outturn (in cubic feet, solid) of timber and fuel during the year 1895-96 and agency of exploitation—cont.

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District.		Sawn or squared timber—cont.					Miscellaneous.					Fuel.				
		Free-grantees.	Right-holders.	Total.	Government.	Purchasers.	Free-grantees.	Right-holders.	Total.	Government.	Purchasers.	Free-grantees.	Right-holders.	Total.	Total.	Outturn.
		14	15	18	17	18	19	20	21	22	23	24	25	26		27
Northern Circle.																
Ganjām ..	..	..	..	860	5,685	83,160	..	..	38,845	7,845	705,727	..	..	705,727	896,107	
Vizagapatam ..	..	..	..	2	..	3,737	..	..	3,737	50	499,826	..	..	499,826	690,694	
Gōdāvari ..	..	..	..	12,757	..	277,317	400	..	289,301	3,848	462,610	6,000	..	651,231	903,016	
Kistna ..	..	..	..	..	6,270	279,512	6,714	..	691	17,000	424,675	..	..	465,868	756,159	
Kurnool ..	..	..	..	88,773	691	279,512	..	..	279,512	396,045	406,600	..	..	441,575	780,782	
Bellary ..	..	..	..	..	..	16,816	..	..	16,816	..	115,706	..	..	301,645	1,144,977	
Anantapur ..	..	..	..	656	..	610,542	7,114	..	629,202	424,288	3,260,124	5,000	..	3,689,412	5,225,308	
Total ..	..	..	..	103,048	11,546	..	..	..	..	..	..	..	..	..	..	..
Central Circle.																
Cuddapah ..	..	..	..	8,105	42,783	215,924	..	..	258,707	115,049	809,072	..	..	924,121	1,190,933	
Nellore ..	..	..	..	3,644	..	16,434	..	..	18,274	199,700	207,580	584	..	407,864	626,323	
Chingleput ..	..	..	..	2,691	..	10,761	1,840	..	15,638	1,638	104,360	178	..	106,076	160,679	
North Arcot ..	..	..	..	..	49	10,761	8,278	..	19,091	249,456	381,639	..	..	630,995	653,303	
South Arcot ..	..	..	..	..	137	173,245	1,932	..	29,203	91,562	543,841	400	..	636,303	666,639	
Salem ..	..	..	..	..	2	29,201	..	..	177,627	578,840	595,820	..	..	1,174,660	1,352,287	
Tiruchinopoly ..	..	..	..	432	..	21,700	..	..	21,700	259,437	1,630,536	160	..	1,790,133	1,878,977	
Tanjore ..	..	..	..	..	..	..	..	..	..	6,420	302,220	..	..	308,640	830,340	
Total ..	..	..	..	14,772	46,297	467,255	12,050	..	524,692	1,502,002	4,474,468	1,322	..	6,977,792	8,859,481	
Southern Circle.																
South Canara ..	..	..	..	941	..	..	..	..	12,146	719,360	..	..	..	734,506	754,221	
North Malabar ..	..	..	..	2,233	..	..	..	..	..	864	..	..	..	3,616	69,744	
South Malabar ..	..	..	..	14,561	135	14,485	..	..	14,620	127,609	..	..	..	128,302	299,438	
Nilgiris ..	..	..	..	32,608	1,614	13,784	625	..	355,604	19,007	..	..	45	374,616	422,647	
North Coimbatore ..	..	..	..	64,014	3,987	6,048	..	..	3,337	163,290	..	..	..	166,627	189,123	
South Coimbatore ..	..	..	..	3,717	105	16,054	..	..	176,650	752,976	..	..	..	929,626	1,014,085	
Madura ..	..	..	..	22,215	1,170	6,722	..	..	63,727	214,382	..	..	..	268,109	295,141	
Tinnevely ..	..	..	..	..	..	..	..	..	869,094	1,078,845	..	..	..	1,447,939	1,477,278	
Total ..	1,079	..	..	164,393	6,775	56,138	625	64,170	971,371	3,076,333	6,752	45	4,053,401	4,611,677	..	
Grand Total ..	1,079	..	..	272,213	63,618	1,133,935	625	1,217,974	2,897,601	10,810,925	12,074	45	13,720,603	16,596,406	..	

• Not known.

† Bandulwood.

ANNUAL FORM No. 56.

Forest Department, Madras Presidency.

OUTTURN of minor forest produce during the year 1895-96.

Produce removed or utilized.

District.	Description of produce.	Produce removed or utilized.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
		By Government Agency.			By purchasers.		By free grants.		By right-holders.		Total.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
		Quantity.	Value.	3	Quantity.	Value.	4	Quantity.	Value.	5	Quantity.	Value.	6	Quantity.	Value.	7	Quantity.	Value.	8	Quantity.	Value.	9	Quantity.	Value.	10	Quantity.	Value.	11	12																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
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• Local khonds were allowed to enjoy free the produce in certain topes.

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District.	Description of produce.	Produce removed or utilized.									
		By Government Agency.		By purchasers.		By free grants.		By right-holders.		Total.	
		Quantity.	Value.	Quantity.	Value.	Quantity.	Value.	Quantity.	Value.	Quantity.	Value.
1	2	3	4	5	6	7	8	9	10	11	12
<i>Northern Circle—cont.</i>											
Kistna	Bamboos	..	..	168,820	Rs. 568	..	..	..	..	NO. 168,820	Rs. 568
	Fruits and vegetables	14	34	..	..	..	..	..	..	MDs. 14	34
	Palmyra leaves	..	..	1,514,000	17,414	..	..	..	..	NO. 1,528,000	17,426
	Leaves	..	..	..	..	..	..	..	..	..	..
Total											
Kurnool	Bamboos	..	..	..	..	..	..	..	..	..	..
	Tamarind	..	..	..	..	..	..	..	..	..	..
	Other produce	..	..	..	..	..	..	..	..	..	..
	Leaves	..	..	..	..	..	..	..	..	..	..
Total											
Pellary	Bamboos	..	..	..	..	..	..	..	..	..	..
	Grass and other produce	..	..	..	..	..	..	..	..	..	..
	Barks and leaves	..	..	..	..	..	..	..	..	..	..
	Stones, gravel, earth, &c. ..	..	..	..	..	..	..	..	..	..	..
Total											
Anantapur	Bamboos	..	..	..	..	..	..	..	..	..	..
	Leaves	..	..	..	..	..	..	..	..	..	..
	Stones	..	..	..	..	..	..	..	..	..	..
	Barks	..	..	..	..	..	..	..	..	..	..
Total											
Total, Northern Circle											

Outturn of minor forest produce during the year 1895-96—cont.

District.	Description of produce.	Produce removed or utilized.									
		By Government Agency.		By purchasers.		By free grants.		By right-holders.		Total.	
		Quantity.	Value.	Quantity.	Value.	Quantity.	Value.	Quantity.	Value.	Quantity.	Value.
1	2	3	4	5	6	7	8	9	10	11	12
<i>Central Circle.</i>											
Cuddapah	Bamboos	..	..	..	..	..	..	..	..	..	..
	Gall nuts	..	..	..	..	..	..	..	..	..	..
	Tamarind	..	..	..	..	..	..	..	..	..	..
	Other produce	..	..	..	..	..	..	..	..	..	..
.. ..	Leaves	..	..	..	..	..	..	..	..	..	..
	Stones	..	..	..	..	..	..	..	..	..	..
	By lease	..	..	..	..	..	..	..	..	..	..
	Grass	..	..	..	..	..	..	..	..	..	..
Total											
.. ..	Bamboos	..	..	..	..	..	..	..	..	..	..
	Nux vomica	..	..	..	..	..	..	..	..	..	..
	Scap nuts	..	..	..	..	..	..	..	..	..	..
	Tamarind	..	..	..	..	..	..	..	..	..	..
Total											
Chingaleput	Bamboos	..	..	..	..	..	..	..	..	..	..
	Stone, gravel and earth	..	..	..	..	..	..	..	..	..	..
	Leaves	..	..	..	..	..	..	..	..	..	..
	By lease	..	..	..	..	..	..	..	..	..	..
Total											
North Arcot	Bamboos	..	..	..	..	..	..	..	..	..	..
	Other produce	..	..	..	..	..	..	..	..	..	..
	Thatching grass	..	..	..	..	..	..	..	..	..	..
		..	..	..	..	..	..	..	..	..	..

District.		Description of produce.	Produce removed or utilized.									
			By Government Agency.		By purchasers.		By free grants.		By right-holders.		Total.	
			Quantity.	Value.	Quantity.	Value.	Quantity.	Value.	Quantity.	Value.		
1	2	3	4	5	6	7	8	9	10	11	12	
Southern Circle—cont.												
North Coimbatore	Bamboos	NO. 6,040	RS. 92	NO. 1,156,390	RS. 7,217	NO. 2,620	RS. 45	..	..	NO. 1,164,860	RS. 7,354	
	Sambar horns	MDS. 13	735	..	..	..	..	..	..	MDS. 13	735	
	Deer horns	144	190	..	..	..	..	..	..	144	190	
	Elephant tusks	9	147	..	..	..	..	..	..	9	147	
	Other produce	1	5	..	28,174	..	1	..	..	..	1	28,180
	Total	..	1,159	..	35,391	..	46	..	..	..	36,596	
South Coimbatore	Bamboos	NO. 24,720	144	291,800	4,474	..	..	..	..	NO. 316,520	4,618	
	Honey	MDS. 60	94	..	..	..	..	..	..	MDS. 60	94	
	Deer horns	6	15	..	..	..	..	..	..	6	15	
	Sambar horns	12	18	..	..	..	..	..	..	12	18	
	Dammer	3	5	..	..	..	..	..	..	3	5	
	Wax	10	120	..	..	..	..	..	..	10	120	
	Gallnuts	1	1	..	..	..	..	..	..	1	1	
	Stones, &c.	..	..	C. L. 1,130	12,643	..	..	..	..	C. L. 1,130	12,676	
	Other produce	23	33	..	17,117	..	..	..	..	..	17,547	
	Total	..	430	..	..	..	..	..	..	..	..	
Madura	Bamboos	..	..	NO. 32,947	2,579	..	..	..	..	NO. 32,947	2,579	
	Other produce	..	..	..	28,371	..	..	..	..	..	28,371	
	Total	..	..	..	30,950	..	..	..	..	..	30,950	
Tinnevely	Bamboos	..	..	NO. 15,940	1,063	..	..	..	..	NO. 15,940	1,063	
	Other produce	..	43	..	22,153	..	..	..	..	..	22,663	
	Total	..	43	..	23,216	..	..	..	..	..	23,716	
	Total, Southern Circle	..	13,464	..	1,39,754	..	823	..	..	..	1,54,498	
	Grand total	..	20,068	..	9,32,249	..	2,009	..	..	..	9,64,873	

FORM No. 57.

Forest Department, Madras Presidency.

ACCOUNT of Timber and other Produce cut or collected by Government Agency and brought to depôts, sold locally or otherwise disposed of during the year 1895-96.

Particulars.	Number or quan- tity.	Cubic feet.	Total of each head.		Particulars.	Number or quan- tity.	Cubic feet.	Total of each head.	
			Number or quan- tity.	Cubic feet.				Number or quan- tity.	Cubic feet.
1	2	3	4	5	6	7	8	9	10
BALANCE AT COM- MENCEMENT OF THE YEAR.					REMOVED BY PUR- CHASERS FROM DEPÔTS.				
NORTHERN CIRCLE.					NORTHERN CIRCLE.				
Timber.					Timber—				
Ganjām district—					Teak		76		
Sāl		5,136		5,556	Vengai		1,238		22,741
Miscellaneous timber		420			Sāl		17,620		
Kurnool district—					Miscellaneous timber		3,807		
Teak		48		2,228	Fuel		112,442		112,442
Vengai		1,060			CENTRAL CIRCLE.				
Miscellaneous timber		1,120			Timber—				
Bellary district—					Vengai		6		
Teak		200		504	Redwood		40,528		48,084
Miscellaneous timber		304			Miscellaneous timber		7,550		
Total balance, Northern Circle.					Sandalwood		1,310		1,310
Timber—					Fuel		134,111		134,111
Teak		248			Bamboos				
Vengai		1,060		8,288	No. 8,379		No. 8,379		
Sāl		5,136			Mds. 671		Mds. 671		
Miscellaneous timber		1,844			Minor produce				
Fuel—					SOUTHERN CIRCLE.				
Kistna district		17,179		120,075	Timber—				
Kurnool do.		25,376			Teak		21,341		
Bellary do.		77,520			Rosewood		207		
Bamboos—	No. 23		No. 23		Vengai		1,632		92,682
Kurnool					Ironwood		116		
Minor produce—	Mds. 20,722		Mds. 20,891		Miscellaneous timber		69,386		
Vizagapatam district		100			Sandalwood		1,619		1,619
Gódvári district		62			Fuel		200,688		200,688
Kistna district					Bamboos				
Kurnool district	7				No. 21,691		No. 21,691		
CENTRAL CIRCLE.					Mds. 2,188		Mds. 2,188		
Timber.					Minor produce				
Cuddapah district—					TOTAL FOR THE PRESIDENCY.				
Miscellaneous timber		669		669	Timber—				
Nellore district—					Teak		21,417		
Miscellaneous timber		71		71	Rosewood		207		
North Arcot district—					Vengai		2,876		
Miscellaneous timber		(a) 8,763		8,763	Redwood		40,528		163,507
Salem district—					Sāl		17,620		
Teak		34		160	Ironwood		116		
Miscellaneous timber		66			Miscellaneous timber		80,743		
Total balance, Central Circle.					Sandalwood		2,929		2,929
Timber—					Fuel		447,241		447,241
Teak		34		9,603	Bamboos				
Miscellaneous timber		9,569			No. 30,070		No. 30,070		
Sandalwood—					Mds. 2,859		Mds. 2,859		
Salem district		601		601	Minor produce				
Fuel—					SOLD LOCALLY.				
Cuddapah district		9,234			NORTHERN CIRCLE.				
Nellore do.		136,240			Timber—				
North Arcot do.		329,118		500,271	Teak		168		44,292
Trichinopoly do.		7,041			Miscellaneous timber		44,124		
Salem do.		16,603			Fuel		201,534		201,534
Bamboos—	No. 140		No. 1,399		Bamboos				
Cuddapah district					No. 819		No. 819		
North Arcot district	1,259				Mds. 9,330		Mds. 9,330		
Minor produce—	Mds. 4				CENTRAL CIRCLE.				
Cuddapah district		8,624			Timber—				
Nellore do.		62			Teak		250		
Trichinopoly do.		11		15,737	Vengai		231		5,814
Salem district	7,036				Miscellaneous timber		5,333		
					Fuel		1,515,507		1,515,507
					Bamboos				
					No. 5,639		No. 5,639		
					Mds. 6,825		Mds. 6,825		
					Minor produce				

(a) 1,118 cubic feet shown as balance under redwood in 1894-95. Return (Form No. 70) is included under miscellaneous during 1895-96.

Account of Timber and other Produce cut or collected by Government Agency, &c.—cont.

Particulars.	Number or quantity.	Cubic feet.	Total of each head.		Particulars.	Number or quantity.	Cubic feet.	Total of each head.	
			Number or quantity.	Cubic feet.				Number or quantity.	Cubic feet.
1	2	3	4	5	6	7	8	9	10
BALANCE AT COMMENCEMENT OF THE YEAR—cont.									
SOUTHERN CIRCLE.					SOLD LOCALLY—cont.				
Timber.					SOUTHERN CIRCLE.				
South Canara district—					Timber—				
Teak		101			Teak		10,843		
Rosewood		18			Rosewood		5,391		
Vengai		23			Vengai		32,628		
Miscellaneous timber		25,409		25,551	Miscellaneous timber		48,771		97,633
North Malabar—					Sandalwood		894		894
Teak		1,565			Fuel		628,663		628,663
Rosewood		1,092			Minor produce	Mds. 1,997		Mds. 1,997	
Vengai		259							
Miscellaneous timber		2,385		5,301	TOTAL FOR THE PRESIDENCY.				
South Malabar—					Timber—				
Teak		1,083			Teak		11,251		
Rosewood		1,965			Rosewood		5,391		
Vengai		419			Vengai		22,856		
Miscellaneous timber		29,345		32,812	Miscellaneous timber		58,228		147,739
Nilgiri district—					Sandalwood		894		894
Teak		704			Fuel		2,345,704		2,345,704
Rosewood		177			Bamboos	No. 6,458		No. 6,458	
Vengai		2,884			Minor produce	Mds. 18,152		Mds. 18,152	
Miscellaneous timber		1,125		4,890					
North Coimbatore—					CONVERTED IN DEPOTS.				
Vengai		395			Timber—				
Miscellaneous timber		1,252		1,647	Teak		13		105
South Coimbatore—					Vengai		92		
Teak		14,623			Timber—				
Rosewood		245			Miscellaneous				
Vengai		1,830			SOUTHERN CIRCLE.		4,536		4,536
Ironwood		292			Fuel				
Miscellaneous timber		54,499		71,489					
Madura district—					TOTAL FOR THE PRESIDENCY.				
Teak		580			Timber—				
Rosewood		210			Teak		13		105
Vengai		296			Vengai		92		
Miscellaneous timber		538		1,624	Timber—				
Tinnevely district—					Miscellaneous				
Teak		20			SOUTHERN CIRCLE.		4,536		4,536
Miscellaneous timber		488		508	Fuel				
Total balance, Southern Circle.									
Timber—					LOST OR WRITTEN OFF AS USELESS, &c.				
Teak		18,678			Timber—				
Rosewood		3,707			Teak		13		105
Vengai		6,106			Vengai		92		
Ironwood		292			Miscellaneous timber		4,536		4,536
Miscellaneous timber		115,041		143,822	Fuel		112,947		112,947
Sandalwood									
Nilgiri district		307			NORTHERN CIRCLE.				
North Coimbatore		1,480		1,787	Timber—				
South Canara district		44			Teak		18		885
Nilgiri district		352,092			Rosewood		867		1,508
South Coimbatore		22,128			Vengai		1,508		
Madura district		3,887			Miscellaneous timber				
Tinnevely district		12,539		390,690	Fuel				
Bamboos—									
Madura district	No. 520		No. 520		CENTRAL CIRCLE.				
Minor produce—	Mds. 8				Timber—				
South Canara district					Miscellaneous				
Do. Malabar		27			Sandalwood		1,420		1,420
Nilgiri district	1,775		Mds. 1,933		Fuel		51,858		51,858
North Coimbatore	99				Minor produce	Mds. 469		Mds. 469	
South Coimbatore	24								
TOTAL PRESIDENCY BALANCE.					SOUTHERN CIRCLE.				
Timber—					Timber—				
Teak		18,958			Teak		365		
Rosewood		3,707			Rosewood		126		
Vengai		7,166			Vengai		464		
Sál		5,136			Miscellaneous timber		14,512		15,467
Ironwood		292			Sandalwood		50		50
Miscellaneous timber		126,454		161,713	Fuel		5,757		5,757
					Minor produce	Mds. 3		Mds. 3	

Account of Timber and other Produce cut or collected by Government Agency, &c.—cont.

Particulars.	Number or quantity.	Cubic feet.	Total of each head.		Particulars.	Number or quantity.	Cubic feet.	Total of each head.	
			Number or quantity.	Cubic feet.				Number or quantity.	Cubic feet.
1	2	3	4	5	6	7	8	9	10
Total Presidency balance—cont.									
Sandalwood	Mds. 2,388		Mds. 2,388		TOTAL FOR THE PRESIDENCY.				
Fuel	No. 1,011,036		No. 1,011,036		Timber—				
Bamboos	No. 1,942		No. 1,942		Teak		365		
Minor produce	Mds. 38,561		Mds. 38,561		Rosewood		126		
					Vengai		482		
RECEIVED FROM THE FORESTS IN DEPOTS.					Sál		867		17,772
NORTHERN CIRCLE.					Miscellaneous timber		15,932		
Timber—					Sandalwood		74		74
Teak		244			Fuel		59,123		59,123
Rosewood		2,327			Minor produce	Mds. 472		Mds. 472	
Vengai		14,895		20,860					
Sál		3,394			USED BY THE DEPARTMENT.				
Miscellaneous timber		96,161		96,161	NORTHERN CIRCLE.				
Fuel					Timber—				
CENTRAL CIRCLE.					Teak		38		
Timber—					Vengai		1,078		1,139
Vengai		40,528		44,856	Miscellaneous timber		23		
Redwood		4,322							
Miscellaneous timber		13		13	CENTRAL CIRCLE.				
Sandalwood		234,138		234,138	Timber—				
Fuel					Miscellaneous		522		522
Bamboos	No. 5,393		No. 5,393		Fuel		40		40
Minor produce	Mds. 4,877		Mds. 4,877						
SOUTHERN CIRCLE.					Bamboos	No. 2,535		No. 2,535	
Timber—					Minor produce	Mds. 38		Mds. 38	
Teak		47,045							
Rosewood		3,800			SOUTHERN CIRCLE.				
Vengai		3,327		188,835	Timber—				
Ironwood		55			Teak		745		
Miscellaneous timber		134,608			Rosewood		3		
Sandalwood		764		764	Vengai		63		4,532
Fuel		229,955		229,955	Miscellaneous timber		3,720		
Bamboos	No. 33,491		No. 33,491		Fuel		255		255
Minor produce	Mds. 2,259		Mds. 2,259						
TOTAL FOR THE PRESIDENCY.					Bamboos	No. 200		No. 200	
Timber—					Minor produce	Mds. 4		Mds. 4	
Teak		47,289							
Rosewood		3,800			TOTAL FOR THE PRESIDENCY.				
Vengai		5,660			Timber—				
Redwood		40,528		254,561	Teak		783		
Sál		14,895			Rosewood		3		
Ironwood		55			Vengai		1,141		6,192
Miscellaneous timber		142,324			Miscellaneous timber		4,265		
Sandalwood		777		777	Fuel		295		295
Fuel		560,254		560,254					
Bamboos	No. 38,884		No. 38,884		Bamboos	No. 2,735		No. 2,735	
Minor produce	Mds. 7,136		Mds. 7,136		Minor produce	Mds. 42		Mds. 42	
RECEIVED FROM THE FORESTS FOR SALE LOCALLY.									
NORTHERN CIRCLE.					TRANSFERRED TO OTHER SALE DEPOTS.				
Timber—					NORTHERN CIRCLE.				
Teak		168			Timber—				
Rosewood		64,702		64,870	Sál		6,110		6,110
Vengai		328,127		328,127					
Sál					CENTRAL CIRCLE.				
Miscellaneous timber					Fuel		28,545		28,545
Fuel									
Bamboos	No. 6,929		No. 6,929		SOUTHERN CIRCLE.				
Minor produce	Mds. 55,208		Mds. 55,208		Timber—				
					Rosewood		71		
					Miscellaneous timber		8,898		8,969
TOTAL FOR THE PRESIDENCY.					TOTAL FOR THE PRESIDENCY.				
Timber—					Timber—				
Teak		168			Rosewood		71		
Rosewood		64,702		64,870	Sál		6,110		15,079
Vengai		328,127		328,127	Miscellaneous timber		8,898		
Sál					Fuel		2,8545		28,545
Miscellaneous timber									
Fuel									
Bamboos	No. 6,929		No. 6,929						
Minor produce	Mds. 55,208		Mds. 55,208						

Account of Timber and other Produce cut or collected by Government Agency, &c.—cont.

Particulars.	Number or quantity.	Cubic feet.	Total of each head.		Particulars.	Number or quantity.	Cubic feet.	Total of each head.	
			Number or quantity.	Cubic feet.				Number or quantity.	Cubic feet.
1	2	3	4	5	6	7	8	9	10
RECEIVED FROM THE FORESTS FOR SALE LOCALLY—cont.					TOTAL ISSUES.				
CENTRAL CIRCLE.					NORTHERN CIRCLE.				
Timber—					Timber—				
Teak	..	471	..	..	Teak	..	295	..	..
Vengai	..	284	..	..	Vengai	..	2,426	..	..
Miscellaneous timber	..	5,851	..	6,606	Sál	..	24,597	..	..
Sandalwood	..	1,315	..	..	Miscellaneous timber	..	47,954	..	27,272
Fuel	..	1,267,864	..	1,267,864	Fuel	..	310,484	..	..
Bamboos	No. 11,054	..	No. 11,054	..	Bamboos	No. 819	..	No. 819	315,484
Minor produce	Mds. 589	..	Mds. 589	..	Minor produce	Mds. 9,330	..	Mds. 9,330	..
SOUTHERN CIRCLE.					CENTRAL CIRCLE.				
Timber—					Timber—				
Teak	..	28,284	..	..	Teak	..	250	..	..
Rosewood	..	2,226	..	..	Vengai	..	237	..	..
Vengai	..	34,650	..	94,743	Redwood	..	40,528	..	..
Miscellaneous timber	..	29,583	..	..	Miscellaneous timber	..	19,361	..	60,376
Sandalwood	..	614	..	..	Sandalwood	..	1,334	..	..
Fuel	..	741,316	..	741,316	Fuel	..	1,730,061	..	..
Bamboos	No. 200	..	No. 200	..	Bamboos	No. 16,553	..	No. 16,553	1,334
Minor produce	Mds. 1,486	..	Mds. 1,486	..	Minor produce	Mds. 8,003	..	Mds. 8,003	1,730,061
TOTAL FOR THE PRESIDENCY.					SOUTHERN CIRCLE.				
Timber—					Timber—				
Teak	..	28,923	..	..	Teak	..	33,294	..	..
Rosewood	..	2,226	..	..	Rosewood	..	6,798	..	..
Vengai	..	34,934	..	166,219	Vengai	..	34,787	..	..
Miscellaneous timber	..	100,136	..	..	Ironwood	..	116	..	..
Sandalwood	..	1,929	..	..	Miscellaneous timber	..	145,287	..	219,282
Fuel	..	2,337,307	..	2,337,307	Sandalwood	..	2,563	..	..
Bamboos	No. 18,183	..	No. 18,183	..	Bamboos	No. 21,891	..	No. 21,891	2,563
Minor produce	Mds. 57,283	..	Mds. 57,283	..	Minor produce	Mds. 4,192	..	Mds. 4,192	948,510
RECEIVED BY CONVERSION IN DEPOTS.					GRAND TOTAL OF ISSUES FOR THE PRESIDENCY.				
NORTHERN CIRCLE.					NORTHERN CIRCLE.				
Timber—					Timber—				
Teak	..	6	..	..	Teak	..	33,839	..	..
Vengai	..	89	..	95	Rosewood	..	6,798	..	..
CENTRAL CIRCLE.					Redwood	..	37,450	..	..
Timber—					Sál	..	40,528	..	..
Sál	..	6,110	..	6,110	Ironwood	..	24,597	..	..
Fuel	..	28,545	..	28,545	Miscellaneous timber	..	116	..	254,930
SOUTHERN CIRCLE.					Sandalwood	..	2,12,602	..	..
Timber—					Fuel	..	3,897	..	..
Rosewood	..	71	..	..	Bamboos	No. 2,993,855	..	No. 2,993,855	3,897
Miscellaneous timber	..	8,898	..	8,969	Minor produce	No. 39,263	..	No. 39,263	2,993,855
TOTAL FOR THE PRESIDENCY.					BALANCE AT CLOSE OF THE YEAR.				
Timber—					NORTHERN CIRCLE.				
Rosewood	..	71	..	..	Timber—				
Sál	..	6,110	..	15,079	Ganjám district—				
Miscellaneous timber	..	8,898	..	..	Sál	..	1,544	..	..
Fuel	..	28,545	..	28,545	Miscellaneous timber	..	484	..	2,028
QUANTITY FOUND IN DEPOTS IN EXCESS OF THE ORIGINAL MEASUREMENT.					Kurnool district—				
NORTHERN CIRCLE.					Teak	..	171	..	..
Timber—					Vengai	..	1,050	..	..
Miscellaneous timber	Mds. 61	..	Mds. 61	..	Miscellaneous timber	..	1,081	..	2,302
Minor produce	..	..	..	..	Bellary district—				
					Teak	..	200	..	..
					Miscellaneous timber	..	20,482	..	20,682

Account of Timber and other Produce cut or collected by Government Agency, &c.—cont.

Particulars.	Number of quantity.	Cubic feet.	Total of each head.		Particulars.	Number or quantity.	Cubic feet.	Total of each head.	
			Number or quantity.	Cubic feet.				Number or quantity.	Cubic feet.
1	2	3	4	5	6	7	8	9	10
QUANTITY FOUND IN DEPOTS IN EXCESS OF THE ORIGINAL MEASUREMENT—cont.					TOTAL BALANCE.				
CENTRAL CIRCLE.					NORTHERN CIRCLE.				
Timber—					Timber—				
Miscellaneous timber	..	20	..	20	Teak	..	371	..	..
Sandalwood	..	5	..	5	Vengai	..	1,050	..	25,012
Fuel	..	3,953	..	3,953	Sál	..	1,544	..	..
SOUTHERN CIRCLE.					Miscellaneous timber	..	22,047	..	..
Timber—					Fuel	..	149	..	..
Vengai	..	16	..	838	Vizagapatam district	..	3,348	..	..
Miscellaneous timber	..	822	..	2,612	Kistna do.	..	22,916	..	228,579
Fuel	..	2,612	..	..	Kurnool do.	..	262,466	..	..
TOTAL FOR THE PRESIDENCY.					Bamboos—	No. 5,280	..	No. 5,280	..
Timber—					Bellary do.	..	853	..	6,133
Vengai	..	16	..	919	Minor produce—	Mds. 66,564	..	Mds. 66,564	..
Miscellaneous timber	..	903	..	..	Vizagapatam district	..	62	..	..
Sandalwood	..	5	..	5	Kistna do.	..	99	..	66,770
Fuel	Mds. 1	..	Mds. 1	..	Kurnool do.	..	46	..	..
Minor produce	..	..	..	..	Bellary do.	..	..	..	..
TOTAL RECEIPTS.					CENTRAL CIRCLE.				
NORTHERN CIRCLE.					Timber.				
Timber—					Cuddapah district—				
Teak	..	666	..	..	Miscellaneous timber	..	20	..	20
Vengai	..	3,476	..	100,284	Nellore district—	..	42	..	42
Sál	..	26,141	..	..	Miscellaneous timber	..	34	..	34
Miscellaneous timber	..	70,001	..	544,363	North Arcot district—	..	..	..	..
Fuel	..	544,363	..	..	Miscellaneous timber	..	221	..	..
Bamboos	No. 6,952	..	No. 6,952	..	Teak	..	53	..	574
Minor produce	Mds. 76,100	..	Mds. 76,100	..	Vengai	..	300	..	..
CENTRAL CIRCLE.					Miscellaneous timber	..	..	..	..
Timber—					Salem district—				
Teak	..	505	..	..	Teak	..	34	..	39
Vengai	..	290	..	61,085	Miscellaneous timber	..	5	..	..
Redwood	..	40,528	..	..	TOTAL BALANCE.				
Miscellaneous timber	..	19,762	..	..	CENTRAL CIRCLE.				
Sandalwood	..	1,934	..	1,934	Timber—				
Fuel	No. 2,034,771	..	No. 2,034,771	..	Teak	..	255	..	..
Bamboos	Mds. 17,846	..	Mds. 17,846	..	Vengai	..	63	..	709
Minor produce	21,203	..	21,203	..	Miscellaneous timber	..	401	..	..
SOUTHERN CIRCLE.					Sandalwood—				
Timber—					North Arcot district	..	13	..	..
Teak	..	94,005	..	437,207	South Arcot do.	..	2	..	600
Rosewood	..	9,804	..	..	Salem do.	..	585	..	..
Vengai	..	44,099	..	..	Fuel	..	5,170	..	..
Ironwood	..	347	..	..	Cuddapah district	..	106,599	..	..
Miscellaneous timber	..	288,952	..	3,165	Nellore do.	..	113,950	..	804,710
Sandalwood	..	3,165	..	..	North Arcot district	..	14,409	..	..
Fuel	1,364,573	..	1,364,573	..	South Arcot do.	..	60,322	..	..
Bamboos	No. 34,211	..	No. 34,211	..	Trichinopoly do.	..	4,260	..	..
Minor produce	Mds. 5,678	..	Mds. 5,678	..	Salem do.	..	..	..	..
GRAND TOTAL OF RECEIPTS FOR THE PRESIDENCY.					SOUTHERN CIRCLE.				
NORTHERN CIRCLE.					Timber.				
Timber—					South Canara district—				
Teak	..	95,176	..	..	Rosewood	..	162	..	12,051
Rosewood	..	9,804	..	..	Miscellaneous timber	..	11,889	..	..
Vengai	..	47,865	..	598,576	North Malabar—				
Redwood	..	40,528	..	..	Teak	..	22,888	..	..
Sál	..	26,141	..	..	Rosewood	..	1,200	..	..
Ironwood	..	347	..	..	Vengai	..	3,317	..	47,647
Miscellaneous timber	..	378,715	..	5,099	Miscellaneous timber	..	20,242	..	..
Sandalwood	..	5,099	..	..	South Malabar—				
Fuel	3,943,707	..	3,943,707	..	Teak	..	19,544	..	..
Bamboos	No. 59,009	..	No. 59,009	..	Rosewood	..	2,303	..	..
Minor produce	Mds. 1,02,981	..	Mds. 1,02,981	..	Vengai	..	470	..	85,322
					Miscellaneous timber	..	63,905	..	..

Account of Timber and other Produce cut or collected by Government Agency &c.—cont,

Particulars.	Number or quantity.	Cubic feet.	Total of each head.		Particulars.	Number or quantity.	Cubic feet.	Total of each head.	
			Number or quantity.	Cubic feet.				Number or quantity.	Cubic feet.
1	2	3	4	5	6	7	8	9	10
TOTAL BALANCE—cont.									
Timber—cont.									
Nilgiris—									
Vengai									
Miscellaneous timber				2,660				2,660	3,682
North Coimbatore—									
Teak				1,022				1,022	
Vengai				102				102	2,350
Miscellaneous timber				1,654				1,654	
South Coimbatore—				594				594	
Teak									
Rosewood				18,167				18,167	63,748
Vengai				312				312	
Ironwood				871				871	
Miscellaneous timber				231				231	
Madura—				44,167				44,167	
Teak									
Rosewood				4				4	661
Vengai				29				29	
Miscellaneous timber				311				311	
Tinnevely—				317				317	
Teak									
Vengai				6				6	2,464
Miscellaneous timber				29				29	
				2,429				2,429	
TOTAL BALANCE.									
SOUTHERN CIRCLE.									
Timber—									
Teak									
Rosewood				60,711				60,711	217,925
Vengai				4,006				4,006	
Ironwood				9,312				9,312	
Miscellaneous timber				231				231	
Sandalwood—				143,665				143,665	
South Coimbatore									
Nilgiris				27				27	602
Fuel—				575				575	
South Canara									
Nilgiris				1,910				1,910	
North Coimbatore				326,784				326,784	416,263
Madura do.				620				620	
Madura				43,666				43,666	
Tinnevely				4,103				4,103	
Bamboos—				39,280				39,280	
South Coimbatore			No.		No.				
Madura			11,800					11,800	12,320
Minor produce—			620					620	
North Malabar			Mds.						
South do.			37					37	
Nilgiris			134					134	
North Coimbatore			1,112					1,112	
South do.			184					184	
			19					19	
TOTAL PRESIDENCY BALANCE.									
Timber—									
Teak									
Rosewood				61,337				61,337	223,646
Vengai				4,006				4,006	
Sil				10,415				10,415	
Ironwood				1,544				1,544	
Miscellaneous timber				21				21	
Sandalwood				166,114				166,114	1,202
Fuel				1,202				1,202	
				949,852				949,852	
Bamboos			No.		No.				
			19,746					19,746	
Minor produce			Mds.						
			81,456					81,456	

ABSTRACT showing the Value of Timber and other Produce at sale depôts for the year 1895-96.

District.	Description of timber or produce.	On hand at commencement of the year.			On hand at close of the year.			Difference in value.	
		Number.	Cubic feet.	Value.	Number.	Cubic feet.	Value.	In favour of the year.	Against the year.
				RS.			RS.	RS.	RS.
Northern Circle.									
Ganjam ..	Sal logs	..	1,304	409	..	1,544	580	..	..
	" sleepers	..	..	..	..	..	..	..	..
	" slabs	..	..	..	..	484	103	..	..
	Miscellaneous	..	..	..	..	..	..	..	..
	Total, Timber ..	..	1,304	409	..	2,028	683	274	..
Vizagapatam ..	Fuel	..	..	..	..	149	9	..	..
	Minor produce	..	..	..	..	66,564	718	..	..
		..	..	..	..	..	727	727	..
Goddavari ..									
		..	17,179	859	..	3,348	220	..	..
Kistna ..	Fuel	..	..	..	..	62	124	..	..
	Minor produce	..	..	859	..	..	344	..	215
Kurnool ..	Teak	..	48	79	..	171	212	..	..
	Vengai	..	1,060	1,325	..	1,050	1,178	..	..
	Miscellaneous	..	848	848	..	1,081	852	..	..
	Total, Timber ..	..	..	2,252	..	2,302	2,242	..	10
Bellary ..	Fuel	..	..	..	..	22,916	2,080	2,080	..
	Bamboos	..	..	..	..	5,280	300	300	..
	Minor produce	..	..	..	..	..	54	54	..
Cuddapah ..	Fuel	..	35,500	1,855	..	202,466	9,200	7,365	..
	Teak	..	..	..	..	200	250	..	..
	Miscellaneous timber	..	..	..	..	20,482	2,270	..	..
	Total, Timber ..	..	..	..	..	20,682	2,520	2,520	..
Nellore ..	Bamboos	..	..	..	No.	853	50	50	..
	Minor produce	..	..	..	Mds.	45	3	3	..
		..	..	..	..	..	..	..	..
Central Circle.									
Cuddapah ..	Redwood roots and stumps.	..	237	130	..	20	2	..	128
	Miscellaneous	..	7,780	924	..	5,170	615	..	309
	Fuel	Mds.	..	49	..	..	..	..	49
Nellore ..	Minor produce	..	..	..	..	42	16	16	..
	Miscellaneous timber	..	5,969	1,285	..	106,599	12,769	11,484	..
	Fuel	..	..	..	Mds.	6,164	3,272	3,272	..
North Arcot ..	Minor produce	..	..	..	..	34	7	..	423
	Miscellaneous timber	..	1,118	430	..	13	150	150	..
	Sandalwood	..	23,311	1,946	No.	113,950	7,784	5,838	..
	Fuel	..	..	315	1,293	..	152	..	163
	Bamboos	..	1,259	..	..	..	..	..	..

Abstract showing the Value of Timber and other Produce at sale depôts for the year 1895-96—cont.

Depots for the year 1895-96—cont.									
District.	Description of timber or produce.	On hand at commencement of the year.			On hand at close of the year.			Difference in value.	
		Number.	Cubic feet.	Value.	Number.	Cubic feet.	Value.	In favour of the year.	Against the year.
Central Circle—cont.									
South Arcot ..	Sandalwood	..	..	Rs.	..	..	Rs.	Rs.	Rs.
	Miscellaneous timber ..	..	..	..	..	2	10	10	..
	Teak	..	..	..	..	300	..	..	..
	Vengai	..	..	..	..	221	..	..	..
		..	..	..	..	53	430	430	..
	Total, Timber ..	..	..	..	..	..	..	..	..
Salem	Fuel	..	..	..	..	574	430	430	..
		..	..	..	..	14,409	584	584	..
	Sandalwood	..	601	6,745	..	..	..	..	..
	Miscellaneous timber ..	..	55	81	..	585	6,850	..	895
	Teak	..	34	34	..	5	..	..	..
	Total, Timber ..	..	89	65	..	34	38	..	..
Trichinopoly ..	Fuel	..	536	67	..	39	38	..	27
	Minor produce	..	..	..	Mds.	4,260	167	40	..
		..	..	..	7,036	..	200	200	..
		..	..	..	..	60,322	4,288	4,288	..
	Southern Circle.								
	South Canara ..	Teak	..	101	177	..	..	..	..
Rosewood		..	18	20	..	..	..	..	..
Vengai		..	23	23	..	..	..	..	..
Miscellaneous ..		..	10,476	1,078	..	162	160	..	..
Total, Timber ..		..	10,618	1,298	..	11,889	1,100	..	..
Fuel		..	..	..	..	12,051	1,200	..	33
North Malabar ..		..	..	..	..	1,910	300	300	..
	Teak	..	..	..	..	..	..	..	..
	Rosewood	..	..	..	..	22,888	14,305	..	..
	Vengai	..	..	..	..	1,200	300	..	..
	Miscellaneous timber ..	..	..	..	..	3,317	1,036	..	..
	Total, Timber ..	..	..	..	..	20,242	4,716	..	..
South Malabar ..	Minor produce	..	..	..	Mds.	47,647	20,357	20,357	..
		..	..	..	37	..	817	817	..
	Teak	..	..	..	..	19,544	..	..	..
	Rosewood	..	..	..	..	2,303	..	..	..
	Vengai	..	..	..	..	470	52,100	..	..
	Total, Timber ..	..	..	..	..	63,005	..	..	..
Nilgiris	Minor produce	..	..	..	Mds.	85,322	52,100	52,100	..
		..	..	..	134	..	418	418	..
	Miscellaneous timber ..	..	..	..	..	1,022	90	..	..
	Vengai	..	..	..	..	2,660	800	..	..
	[Total, Timber ..	..	..	..	..	..	..	..	..
	Fuel	499	40,621	2,904	..	3,682	890	890	..
North Coimbatore ..	Minor produce	..	..	..	Mds.	326,784	2,783	..	121
	Sandalwood	..	..	..	..	..	1,034	1,034	..
		..	..	..	..	27	270	270	..
	Teak	..	106	106	..	102	75	..	..
	Miscellaneous timber ..	..	617	700	..	594	450	..	..
	Vengai	..	..	806	..	1,654	1,200	..	..
Total, Timber ..									
	..	723	..	..	2,360	1,725	919	..	

Abstract showing the Value of Timber and other Produce at sale depôts for the year 1895-96—cont.

District.	Description of timber or produce.	On hand at commencement of the year.			On hand at close of the year.			Difference in value.	
		Number.	Cubic feet.	Value.	Number.	Cubic feet.	Value.	In favour of the year.	Against the year.
North Coimbatore—cont.	Southern Circle—cont.				Rs.			Rs.	Rs.
	Sandalwood chips	..	1,480	14,072	Mds.	575	6,243	..	7,829
	Minor produce	..	99	644	184	..	650	6	..
	Fuel	..	..	..	..	520	65	65	..
South Coimbatore.	Teak	..	45	75	..	18,167	26,600	..	..
	Rosewood	..	88	147	..	312	436	..	..
	Vengai	..	..	..	..	871	746	..	..
	Ironwood	..	215	116	..	231	90	..	..
	Miscellaneous	..	23,755	8,915	..	44,167	22,000	..	..
	Total, Timber ..	..	24,103	9,253	..	63,748	49,872	40,619	..
	Fuel	..	..	..	..	43,666	948	948	..
	Bamboos	..	..	..	No. 11,800 Mds. 19	..	74	74	..
Madura	Minor produce	..	..	..	..	19	19	19	..
	Teak	..	580	580	..	4	4	..	..
	Rosewood	..	196	196	..	29	29	..	..
	Vengai	..	..	..	..	311	150	..	..
	Miscellaneous	..	105	50	..	317	477	..	..
	Total, Timber ..	..	881	826	..	661	660	..	166
	Fuel	..	613	82	..	4,103	570	488	..
	Bamboos	..	..	..	No. 520	..	32	32	..
Tinnevelly	Teak	..	..	..	..	6	6	..	..
	Miscellaneous timber ..	..	487	396	..	2,429	2,246	..	..
	Vengai	..	..	..	..	29	29	..	..
	Total, Timber ..	..	487	396	..	2,464	2,281	1,885	..
	Fuel.. ..	..	880	33	..	39,280	3,120	3,087	..
ABSTRACT.									
Northern Circle.									
	Timber	..	3,260	2,561	..	25,012	5,445	2,784	..
	Fuel	..	52,679	2,694	..	228,879	11,509	8,815	..
	Bamboos	..	..	..	No. 6,133 Mds. 66,770	..	350	350	..
	Minor produce	..	..	..	..	..	899	899	..
Central Circle.									
	Timber	..	1,444	625	..	709	493	..	132
	Sandalwood	..	601	6,745	..	600	6,010	..	735
	Fuel	..	42,616	4,222	..	304,710	26,147	21,925	..
	Bamboos	No. 1,259 Mds. 4	..	815	No. 1,293 Mds. 13,200	..	152	..	163
	Minor produce	..	..	49	..	..	3,472	3,423	..
Southern Circle.									
	Timber	..	36,812	12,579	..	217,925	1,29,145	1,16,566	..
	Fuel	..	42,114	3,019	..	416,263	7,786	4,767	..
	Sandalwood	..	1,480	14,072	..	602	6,513	..	7,559
	Bamboos	Mds. 99	..	..	No. 12,320 Mds. 1,486	..	106	106	..
	Minor produce	..	..	644	..	..	2,938	2,294	..

ABSTRACT.

Northern Circle.

Timber	..	3,260	2,661	..	25,012	5,445	2,784	..
Fuel	..	52,679	2,694	..	228,879	11,509	8,815	..
Bamboos	..	..	..	No.	6,133	..	350	350
Minor produce ..	..	..	..	Mds.	66,770	..	899	899

Central Circle.

Timber	..	1,444	625	..	709	493	..	132
Sandalwood	..	601	6,745	..	600	6,010	..	735
Fuel	..	42,616	4,222	..	304,710	26,147	21,925	..
Bamboos	No.	1,259	..	..	1,293	..	152	163
Minor produce ..	Mds.	4	49	..	13,200	..	3,472	3,423

Southern Circle.

Timber	..	36,812	12,579	..	217,925	1,29,145	1,16,566	..
Fuel	..	42,114	3,019	..	416,263	7,786	4,767	..
Sandalwood	..	1,480	14,072	..	602	6,513	..	7,559
Bamboos	No.	..	..	..	12,320	..	106	106
Minor produce ..	Mds.	99	644	..	1,486	..	2,938	2,294

Abstract showing the Value of Timber and other Produce at sale depôts for the year 1895-96—cont.

Description of timber or produce.	On hand at commencement of the year.			On hand at close of the year.			Difference in value.	
	Number.	Cubic feet.	Value.	Number.	Cubic feet.	Value.	In favour of the year.	Against the year.
GRAND TOTAL.								
Timber	..	..	Rs. 41,516	..	..	Rs. 15,865	..	..
Sandalwood	..	..	2,081	..	..	20,817	..	..
Fuel	..	..	137,409	..	..	9,935	..	..
Bamboos	No. 1,259	..	..	No. 19,746	..	..	..	..
Minor produce	Mds. 103	..	815	Mds. 81,456	..	608	293	..
			693			7,309	6,616	..

NOTE.—The stock on hand at close of the year relates to stock both in the forest and sale depôts, whereas that shown on hand at commencement of the year and which was taken from Form No. 73-A of 1894-95 report relates to stock in sale depôts only.

ANNUAL FORM NO. 72-A (OLD CODE).
Forest Department, Madras Presidency.

Timber and other produce cut, collected and removed by consumers or purchasers during 1895-96.

MONEY VALUE OF SALES.															
District.	Timber.	Firewood and charcoal.	Bamboos.	Timber.		Firewood and charcoal.		Bamboos.		Grazing and fodder grass.		Minor produce.		Total.	
				Amount of sales.	Amount actually realized during the year.	Amount of sales.	Amount actually realized during the year.	Amount of sales.	Amount actually realized during the year.	Amount of sales.	Amount actually realized during the year.	Amount of sales.	Amount actually realized during the year.	Amount of sales.	Amount actually realized during the year.
Northern Circle.															
Ganjam ..	G. FEET. 167,511	G. FEET. 705,727	NO. 1,777,270	RS. 18,223	RS. 18,196	RS. 9,818	RS. 9,818	RS. 7,215	RS. 7,215	RS. 6,384	RS. 6,384	RS. 3,491	RS. 3,491	RS. 46,131	RS. 46,104
Vizagapatam ..	80,145	499,825	1,803,600	6,777	6,777	10,532	10,532	11,057	11,057	1,514	1,514	9,709	9,709	38,689	38,689
Góhavi ..	250,227	646,181	9,470,523	29,370	29,370	19,244	19,244	51,103	51,103	3,271	3,271	3,046	3,046	1,06,034	1,06,034
Kistna ..	277,317	402,510	1,688,820	26,299	26,299	12,605	13,104	668	668	76,596	76,596	17,414	17,378	1,32,435	1,32,945
Kurnool ..	823,365	424,575	6,498,000	28,592	28,592	10,938	10,938	20,312	20,312	21,305	17,952	67,508	56,584	1,38,655	1,34,368
Bellary ..	290,172	405,600	91,800	16,462	16,462	7,363	7,363	1,818	20,312	13,405	13,405	1,83,799	73,869	1,72,847	1,12,917
Anantapur ..	38,657	115,706	9,690	6,887	6,887	2,800	2,800	217	1,818	5,615	5,615	86,808	86,808	1,02,327	1,02,327
Total ..	1,427,394	3,260,124	19,819,703	1,30,610	1,30,583	73,378	73,378	92,290	92,290	1,28,043	1,24,747	3,11,775	2,50,885	7,36,096	6,72,304
Central Circle.															
Cuddapah ..	224,029	809,072	328,740	18,904	18,904	21,762	19,364	7,469	7,469	41,255	41,244	83,001	80,635	1,72,891	1,67,616
Nellore ..	189,172	207,580	4,374	15,021	15,021	11,843	11,843	176	176	21,480	21,480	38,321	38,321	86,841	86,841
Chingleput ..	52,753	104,360	2,535	3,739	3,739	6,721	6,721	146	146	6,112	6,112	7,307	7,307	23,025	23,025
North Arcot ..	10,751	381,539	2,895,414	2,214	2,214	30,193	25,425	39,440	27,182	19,489	19,489	49,467	46,628	1,40,803	1,20,933
South do. ..	29,201	543,341	47,700	3,650	3,650	33,954	30,151	2,751	27,182	26,482	26,482	21,536	21,536	88,373	84,575
Salem ..	173,245	695,820	7,747,485	27,300	27,300	37,531	37,607	43,772	43,772	36,719	36,719	40,660	40,660	1,85,982	1,86,033
Trichinopoly ..	84,507	1,530,536	669,048	5,894	5,894	25,758	21,554	3,386	3,386	8,330	10,547	43,552	22,126	86,920	63,507
Tanjore ..	21,700	302,220	2,863	1,445	1,445	9,087	9,087	102	102	608	608	6,014	4,378	16,256	15,622
Total ..	784,368	4,474,468	11,698,159	78,167	78,167	1,75,849	1,60,752	97,242	84,960	1,60,475	1,62,681	2,88,858	2,61,695	8,00,591	7,48,151
Southern Circle.															
South Canara ..	10,384	719,360	64,770	1,888	1,888	11,250	11,250	1,474	1,474	3,514	3,514	19,490	19,490	37,616	37,616
North Malabar ..	2,723	2,444	2,444	946	946	3,022	3,022	41	41	2,214	2,214	1,295	1,295	4,505	4,505
South do. ..	57,545	127,609	181,900	8,483	8,483	9,931	9,931	1,920	1,920	3,893	3,893	1,609	1,609	17,318	15,298
Nilgiris ..	13,784	19,007	301,959	3,078	3,078	1,796	1,796	7,217	7,217	22,393	22,393	28,174	20,621	69,094	60,94
North Coimbatore ..	18,166	163,290	1,156,290	1,796	1,796	9,514	9,514	4,474	4,474	4,687	4,687	12,643	11,141	43,299	41,791
South do. ..	21,943	752,976	291,800	8,730	8,730	12,765	12,765	4,687	4,687	4,591	4,591	28,371	28,371	47,216	47,216
Madura ..	25,651	214,382	32,947	3,239	3,239	8,436	8,436	2,579	2,579	6,816	6,816	22,163	21,830	70,053	69,151
Tinnevely ..	15,924	1,078,845	15,940	4,294	4,294	35,339	35,339	1,063	1,063	53,068	53,068	1,17,628	1,05,627	3,06,930	2,93,40
Total ..	160,119	3,076,333	2,038,050	32,454	31,317	81,054	81,236	22,126	22,126	3,41,586	3,40,496	7,18,261	6,18,107	18,43,617	17,13,863
Grand total ..	2,377,831	10,810,925	33,555,912	2,41,231	2,40,067	3,30,881	3,15,817	1,99,376	1,99,376	7,18,261	7,18,261	18,43,617	16,18,107	78,968	78,968
Add outstanding due from previous year															
Deduct amount of outstanding written off, &c.															
Deduct amount realized during the year as per Form No. 69															
Balance outstanding															
Total															
Total															

ANNUAL REPORT OF THE

ANNUAL FORM No. 72-B (OLD CODE).

Forest Department, Madras Presidency.

TIMBER and other Produce confiscated and sold during the year 1895-96.

and other Produce confiscated and sold during the year 1895-96.										
District.	TIMBER.		FIREWOOD.		BAMBOOS.		Minor produce in value.	Total amount of sales.	Amount actually realized.	
	Quantity in cubic feet.	Amount of sales.	Quantity in cubic feet.	Amount of sales.	Number.	Amount of sales.				
Northern Circle.										
Ganjām	4,499	925	876	18	1,846	19	85	962	962	
Vizagapatam	50	10	230	19	1,400	20	101	134	134	
Godāvari	6,775	1,198	2,004	57	8,879	112	108	1,468	1,468	
Kistna	1,270	241	186	5	23	6	4	256	256	
Kurnool	1,802	1,165	942	69	38,590	112	108	1,454	1,449	
Bellary	186	18	706	2	3	17	38	81	38	
Anantapur	456	61	140	3	..	..	..	..	81	
Total	15,038	3,618	4,584	191	50,738	269	315	4,393	4,388	
Central Circle.										
Cuddapah	823	217	69	4	344	13	22	256	256	
Nellore	740	185	500	23	..	..	..	208	208	
Chingleput	576	54	1,201	51	1	9	28	133	133	
North Arcot	253	100	433	28	780	1	13	150	150	
South do.	1,74	97	2,124	139	..	..	32	249	249	
Salem	799	115	991	55	2,300	74	12	276	276	
Trichinopoly	77	6	780	15	544	9	6	36	36	
Tanjore	180	29	333	11	..	..	1	41	41	
Total	4,996	803	6,431	326	3,969	106	114	1,349	1,349	
Southern Circle.										
South Canara	3,596	1,343	2,793	739	275	20	11	2,113	2,113	
North Malabar	2,112	325	128	1	..	..	1	326	326	
South do.	3,500	297	..	..	..	..	1	298	298	
Nilgiris	..	..	15	..	..	..	3	4	4	
North Coimbatore	325	253	416	32	317	2	1	327	327	
South do.	804	284	158	8	176	39	1	336	336	
Madura	671	634	341	46	16	11	34	715	715	
Tinnevely	143	30	3,914	171	..	..	12	217	217	
Total	11,151	3,166	7,765	998	784	77	95	4,336	4,336	
Grand Total	31,185	7,587	18,780	1,515	55,491	452	524	10,073	10,073	
Add outstandings due from previous year										
Deduct amount realized during the year as per Form No. 59										
Balance outstanding on 30th June 1896										
								10,073	5	

FOREST DEPARTMENT.

ANNUAL FORM No. 59.

Forest Department, Madras, Northern Circle.

SUMMARY of Revenue of the different districts, 1895-96.

Budget heads.	Direction.	Ganjām.	Vizagapatam.	Godāvari.	Kistna.	Kurnool.	Bellary.	Anantapur.	Total.
	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
Receipts.									
I. Timber and other produce removed from the forests by Government Agency—									
(a) Timber ..	..	10,237	115	37	328	5,801	1,867	..	18,385
(b) Firewood and charcoal ..	..	..	346	..	90	1,677	5,865	..	7,978
(c) Bamboos ..	..	..	..	..	..	3	69	..	72
(d) Sandalwood ..	..	..	..	..	..	..	..	..	..
(e) Grass and other minor produce ..	..	..	134	162	24	15	587	..	932
II. Timber and other produce removed from the forests by consumers or purchasers—									
(a) Timber ..	..	18,196	5,777	29,370	25,299	28,592	96,462	6,887	1,30,583
(b) Firewood and charcoal ..	..	9,818	10,532	19,244	13,104	10,938	7,363	2,800	73,799
(c) Bamboos ..	..	7,215	11,067	51,103	568	20,312	1,818	217	92,290
(d) Grazing and fodder grass ..	..	6,384	1,514	3,271	76,596	17,962	13,405	5,615	1,24,747
(e) Other produce ..	..	3,491	9,709	3,046	17,378	56,584	73,869	86,808	2,50,885
III. Confiscated drift and waifwood..									
	..	962	134	1,468	256	1,449	38	81	4,388
IV. Revenue from forests not managed by Government ..									
	..	..	..	..	..	..	..	..	..
V. Miscellaneous—									
(a) Fines and forfeitures ..	..	21	10	20	12	121	..	673	857
(b) Refunds ..	..	..	..	..	..	..	..	..	..
(c) Other sources ..	..	614	1,468	2,346	4,991	2,775	5,784	963	18,943
Total, Receipts ..	2	56,938	40,796	1,10,067	1,38,656	1,46,229	1,27,127	1,04,044	7,23,85

MADRAS,
14th August 1896.(Signed) W. H. MICHAEL,
Deputy Accountant-General.

SUMMARY of Revenue of the different districts, 1895-96.

Budget heads.	Direction.	Nellore.	Cuddapah.	Chingleput.	North Arcot.	South Arcot.	Salcm.	Trichinopoly.	Tanjore.	Total.
<i>Receipts.</i>	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
I. Timber and other produce removed from the forests by Government Agency—										
(a) Timber ..	..	636	20,231	..	2,722	1,579	1,008	..	..	26,176
(b) Firewood and charcoal ..	..	26,555	12,890	107	10,862	4,186	50,894	8,732	..	1,14,226
(c) Bamboos ..	..	..	63	..	1,807	..	344	..	..	2,214
(d) Sandalwood ..	..	..	..	..	6	..	12,372	..	..	12,378
(e) Grass and other minor produce.	..	4,816	871	..	39	1	..	79	..	5,806
II. Timber and other produce removed from the forests by consumers or purchasers—										
(a) Timber ..	..	15,021	13,904	3,739	2,214	3,650	27,300	5,894	1,445	78,167
(b) Firewood and charcoal ..	..	11,843	19,364	5,721	25,425	30,151	37,607	21,554	9,057	1,60,752
(c) Bamboos ..	..	176	7,469	146	27,182	2,761	43,748	3,366	102	84,960
(d) Grazing and fodder grass..	..	21,480	41,244	6,112	19,489	26,482	36,719	10,547	608	1,62,681
(e) Other produce ..	..	38,321	80,635	7,307	46,628	21,536	40,664	22,126	4,378	2,61,595
III. Confiscated drift and waifwood ..	..	208	256	133	150	249	276	36	41	1,349
IV. Revenue from forests not managed by Government ..	..	..	..	..	..	..	..	..	..	..
V. Miscellaneous—										
(a) Fines and forfeitures ..	..	60	26	43	150	..	7	806	..	782
(b) Refunds ..	..	1,128	1,621	2,162	8,770	5,426	6,863	2,542	125	28,647
(c) Other sources ..	10	..	..	..	..	..	..	..	..	..
Total, Receipts ..	10	1,20,234	2,03,574	25,470	1,45,444	96,011	2,57,802	75,402	16,786	9,39,733

MADRAS,
17th August 1896.

(Signed) W. H. MICHAEL,
Deputy Accountant-General.

SUMMARY of Revenue of the different districts, 1895-96.

Budget heads.	Direction.	Nilgiris.	North Coimbatore.	South Coimbatore.	Madura.	Tinnevely.	North Malabar.	South Malabar.	South Canara.	Total.
<i>Receipts.</i>	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
I. Timber and other produce removed from the forests by Government Agency—										
(a) Timber ..	..	18,505	1,470	41,430	1,514	9,792	4,880	33,882	6,803	1,17,776
(b) Firewood and charcoal ..	..	22,684	14	3,730	6,203	5,861	..	47	1,549	40,088
(c) Bamboos ..	..	..	92	144	..	..	..	503	..	739
(d) Sandalwood ..	..	6,666	2,474	..	..	..	..	..	..	9,040
(e) Grass and other minor produce.	..	1,432	574	453	47	31	1,283	642	7,746	12,208
II. Timber and other produce removed from the forests by consumers or purchasers—										
(a) Timber ..	..	2,131	1,796	8,730	3,239	4,104	946	8,483	1,888	31,317
(b) Firewood and charcoal ..	..	931	9,514	12,765	8,436	35,339	9	3,022	11,250	81,266
(c) Bamboos ..	..	3,358	7,217	4,474	2,579	1,063	41	1,920	1,474	22,126
(d) Grazing and fodder grass..	..	8,853	22,393	4,687	4,591	6,816	2,214	..	3,514	53,068
(e) Other produce ..	..	1,609	20,021	11,141	28,371	21,830	1,295	1,870	19,490	1,05,627
III. Confiscated drift and waifwood ..	..	4	327	336	715	217	326	298	2,113	4,336
IV. Revenue from forests not managed by Government ..	..	..	..	..	..	..	..	..	..	..
V. Miscellaneous—										
(a) Fines and forfeitures ..	..	..	85	13	180	27	41	30	169	545
(b) Refunds ..	..	3,227	3,242	1,604	1,197	3,944	5,071	4,840	2,774	25,902
(c) Other sources ..	3	..	..	..	..	..	..	..	..	..
Total, Receipts ..	3	69,300	69,219	89,507	57,072	89,024	16,106	55,537	58,270	5,04,038

MADRAS,
14th August 1896.

(Signed) W. H. MICHAEL,
Deputy Accountant-General.

ANNUAL FORM No. 59.

Forest Department, Madras Presidency, Northern Circle.

SUMMARY of Expenditure of the different districts for the forest year 1895-96.

Budget Heads.	Direction.	Ganjam.	Vizagapatam.	Gódvári.	Kistna.	Kurnool.	Bellary.	Anantapur.	Total.
A.—Conservancy and Works.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
I. Timber and other produce removed from the forests by Government Agency—									
(a) Timber ..	..	5,174	382	5	121	3,298	389	..	9,369
(b) Firewood and charcoal ..	..	..	490	25	136	1,324	4,204	..	6,179
(c) Bamboos ..	..	..	..	..	..	37	65	..	102
(d) Sandalwood ..	..	..	..	..	..	..	..	..	..
(e) Grass and other minor produce ..	..	..	165	..	..	24	441	..	630
II. Timber and other produce removed from the forests by consumers or purchasers ..	10	6,296	4,296	10,413	6,390	12,135	1,125	1,679	42,344
III. Confiscated drift and waif-wood ..	..	1,054	26	668	2	224	..	2	1,976
IV. Revenue from forests not managed by Government—									
V. Rent of leased forests and payments to share-holders in forests managed by Government ..	..	..	..	..	..	..	10,000	..	10,000
VI. Live Stock, stores, tools and plant—									
(a) Purchase of cattle ..	..	..	..	..	..	..	..	..	..
(b) Feed and keep of cattle ..	..	..	..	..	..	..	..	..	..
(c) Stores, tools and plant ..	779	445	700	624	..	579	33	..	3,160
VII. Communications and buildings—	102	36	70	552	844	278	..	7	1,888
(a) Roads and bridges ..	..	904	1,044	867	2,635	1,353	240	38	7,081
(b) Buildings ..	..	1,751	2,111	2,421	1,383	6,362	1,049	1,241	16,318
(c) Other works ..	..	25	47	..	388	77	..	..	537
VIII. Demarcation, improvement and extension of forests—									
(a) Demarcation ..	..	1,090	1,376	1,291	5,436	928	3,022	621	13,764
(b) Cost of forest settlement; compensation for land and rights ..	..	43	112	..	543	54	8	12	772
(c) Surveys ..	..	852	1,276	350	1,631	1,772	766	1,086	7,733
(d) Working plans ..	..	..	..	..	35	46	..	..	81
(e) Sowing and planting ..	2	5,893	221	963	3,285	178	925	742	12,209
(f) Protection from fire ..	..	1,367	464	1,647	1,163	2,457	4,331	2,450	13,879
(g) Other works ..	..	155	..	..	10,640	14	2,274	1,041	14,124
IX. Miscellaneous—									
(a) Refunds ..	..	96	727	592	1,605	401	429	268	4,118
(b) Law charges ..	..	..	348	513	71	..	1	..	933
(c) Other charges ..	28	216	76	146	699	38	29	14	1,246
Total, A.—Conservancy and Works.	921	25,396	13,931	21,077	37,007	31,579	29,331	9,201	1,68,443

MADRAS,
26th August 1896.(Signed) W. H. MICHAEL,
Deputy Accountant-General.

ANNUAL FORM No. 59.

Forest Department, Madras, Central Circle.

SUMMARY of Expenditure of the different districts for the forest year 1895-96.

Budget heads.	Direction.	Nellore.	Cuddapah.	Chingleput.	North Arcot.	South Arcot.	Salem.	Trichinopoly.	Tanjore.	Total.
A.—Conservancy and Works.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
I. Timber and other produce removed from the forests by Government Agency—										
(a) Timber ..	..	148	7,873	..	380	611	1,414	..	..	10,426
(b) Firewood and charcoal ..	..	13,218	5,594	55	5,492	3,078	38,528	4,784	304	71,053
(c) Bamboos ..	..	..	20	..	736	10	363	..	..	1,129
(d) Sandalwood ..	..	..	..	..	..	1	1,062	..	..	1,063
(e) Grass and other minor produce ..	..	2,217	244	2	..	..	..	40	..	2,503
II. Timber and other produce removed from the forests by consumers or purchasers ..	9	567	8,837	1,789	155	2,168	11,021	2,092	362	27,050
III. Confiscated, drift and waif-wood ..	..	..	7	1	9	42	29	..	..	88
IV. Revenue from forests not managed by Government—										
V. Rent of leased forests and payments to share-holders in forests managed by Government ..	..	..	..	..	..	..	10	..	..	10
VI. Live-stock, stores, tools and plant—										
(a) Purchase of cattle ..	..	..	..	..	..	..	..	..	..	..
(b) Feed and keep of cattle ..	..	..	..	..	..	..	..	..	..	..
(c) Stores, tools and plant ..	2	..	134	45	154	185	106	194	53	873
VII. Communications and buildings—										
(a) Roads and bridges ..	..	..	1,108	..	2,152	191	..	367	71	3,889
(b) Buildings ..	..	24	1,731	209	1,335	613	1,518	1,159	20	6,609
(c) Other works ..	..	..	..	..	78	113	..	7	..	198
VIII. Demarcation, improvement and extension of forests—										
(a) Demarcation ..	..	384	2,449	2,814	2,401	5,185	1,735	1,690	8	16,716
(b) Cost of Forest Settlement; Compensation for land and rights ..	..	48	114	15	1,928	144	268	..	..	2,517
(c) Surveys ..	767	360	431	365	10	263	1,766	604	..	4,666
Survey of India Department charges ..	54,837	..	..	..	..	..	..	..	..	54,837
(d) Working Plans ..	..	..	31	..	..	..	..	103	..	134
(e) Sowing and planting ..	..	2,996	988	504	8,739	3,977	84	2,003	1,050	20,341
(f) Protection from fire ..	..	679	4,545	539	3,964	608	2,128	32	..	12,495
(g) Other works ..	..	961	2,355	2,665	7,315	5,205	6,754	4,035	1,613	30,904
IX. Miscellaneous—										
(a) Refunds ..	6	1,712	187	28	261	5,856	1,038	1,153	603	10,844
(b) Law charges ..	..	36	10	..	736	38	164	2	..	986
(c) Other charges ..	32	..	28	29	10	1	328	112	2	542
Total A.—Conservancy and Works ..	55,653	23,350	36,737	9,060	35,855	28,289	68,366	18,377	4,086	2,79,773

MADRAS,
19th August 1896.(Signed) W. H. MICHAEL,
Deputy Accountant-General.

ANNUAL REPORT OF THE
ANNUAL FORM No. 59.
Forest Department, Madras, Southern Circle.
SUMMARY of Expenditure of the different districts, 1895-96.

Budget heads.	Direction.	Nilgiris.	North Coimbatore.	South Coimbatore.	Madura.	Tinnevely.	North Malabar.	South Malabar.	South Canara.	Total.
A.—Conservancy and Works.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
I. Timber and other produce removed from the forests by Government Agency—										
(a) Timber ..	..	3,492	784	22,372	692	8,223	4,547	9,336	4,965	54,411
(b) Firewood and charcoal ..	..	16,930	152	1,370	3,379	2,426	68	..	508	24,833
(c) Bamboos ..	..	663	82	67	..	..	..	..	..	153
(d) Sandalwood ..	..	..	1,129	..	..	..	..	..	..	1,129
(e) Grass and other minor produce ..	..	490	382	186	..	..	..	..	..	1,058
II. Timber and other produce removed from the forests by consumers or purchasers ..	..	..	..	..	..	..	..	..	..	..
III. Confiscated, drift and waifwood ..	9	1,538	2,348	3,777	2,438	2,754	392	13	7,278	20,547
IV. Revenue from forests not managed by Government ..	..	7	107	109	282	..	1	..	..	606
V. Rent of leased forests and payments to shareholders in forests managed by Government ..	..	..	..	..	..	..	..	..	..	..
VI. Live-stock, stores, tools and plant—	..	4,500	..	2,500	..	..	..	..	..	..
(a) Purchase of cattle ..	..	..	..	..	..	..	4,078	..	..	11,078
(b) Feed and keep of cattle ..	..	..	..	344	..	..	..	..	..	..
(c) Stores, tools and plant ..	..	2,836	..	..	..	1,764	959	..	..	3,067
VII. Communications and buildings—	8	228	267	1,137	..	3,588	9,172	496	20,712	31,559
(a) Roads and bridges ..	..	..	..	122	496	397	277	227	..	..
(b) Buildings ..	..	1,911	4,625	4,620	208	4,662	1,110	207	17,343	..
(c) Other works ..	..	872	6,133	2,648	1,399	4,243	1,554	1,006	18,181	..
VIII. Demarcation, improvement and extension of forests—	..	162	150	60	154	107	1,216	77	326	1,927
(a) Demarcation ..	..	..	..	..	..	..	..	..	..	..
(b) Cost of forest settlement; compensation for land and rights ..	..	2,547	2,733	279	19	688	711	203	483	7,663
(c) Surveys ..	..	139	20	..	704	3,071	369	189	2,324	4,422
(d) Working plans ..	..	1,170	897	..	649	1,204	113	347	46	6,749
(e) Sowing and planting ..	..	342	..	115	—1	110	8	56	..	676
(f) Protection from fire ..	9	3,733	154	1,490	527	545	1,789	4,995	810	14,052
(g) Other works ..	..	2,533	754	2,552	3,532	1,835	1,338	2,419	906	15,869
IX. Miscellaneous—	..	688	5,529	1,741	4,001	5,395	1,664	1,184	1,715	21,717
(a) Refunds ..	..	..	..	..	..	..	..	..	..	..
(b) Law charges ..	..	38	208	2,259	144	825	582	103	684	4,843
(c) Other charges ..	..	5	1	..	14	..	6	1	1	27
Total A.—Conservancy and works ..	26	47,455	27,259	52,531	18,355	36,813	22,266	35,046	24,558	2,64,609

MADRAS,
17th August 1896.

(Signed) W. H. MICHAEL,
Deputy Accountant-General.

ANNUAL FORM No. 59.
Forest Department, Madras Presidency, Northern Circle.
SUMMARY of Expenditure of the different districts for the forest year 1895-96.

Budget heads.	Direction.	Ganjam.	Vizagapatam.	Godavari.	Kistna.	Kurnool.	Bellary.	Anantapur.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
B.—“ Establishments.”									
Brought forward, Total A. “Conservancy and works” ..	921	25,396	13,931	21,077	37,007	31,579	29,331	9,201	1,68,443
I. Salaries—									
(a) Conservators ..	14,470	10,086	6,521	8,340	13,030	13,810	4,908	8,210	70,839
(b) Superior officers ..	5,934	..	..	..	..	..	..	..	..
(c) Subordinate forest and depot establishments ..	420	4,840	3,704	7,357	7,745	7,118	6,106	5,393	42,683
(d) Office establishments ..	8,947	1,916	1,506	2,702	3,484	3,223	2,198	1,887	25,863
(e) Exchange compensation allowances ..	3,323	1,602	1,056	982	2,107	1,358	1,120	— 430	11,118
II. Travelling allowances—									
(a) Conservators ..	3,535	..	..	..	..	..	..	..	3,535
(b) Superior officers ..	1,716	2,518	1,246	2,066	2,363	3,379	1,060	1,181	15,529
(c) Subordinate forest and depot establishments ..	165	1,951	1,206	2,396	1,698	2,600	1,459	1,436	12,911
(d) Office establishments ..	1,538	321	379	422	1,088	500	272	405	4,925
III. Contingencies—									
(a) Stationery ..	..	..	..	..	..	..	..	..	..
(b) Carriage of tents and records ..	399	79	427	252	1,056	284	369	106	2,072
(c) Rents, rates and taxes ..	450	58	214	174	8	96	66	36	1,102
(d) Pay of police guards ..	..	..	..	..	..	..	..	..	..
(e) Official postage ..	556	397	481	655	1,550	618	453	465	5,175
(f) Sundries ..	615	217	688	923	630	558	373	408	4,312
Total, B.—“ Establishments ” ..	42,068	23,985	17,328	26,269	34,759	33,544	18,384	19,097	2,15,434
Grand Total of Expenditure ..	42,989	49,381	31,259	47,346	71,766	65,123	47,715	28,298	3,83,877

MADRAS,
1st September 1896.

(Signed) W. H. MICHAEL,
Deputy Accountant-General.

ANNUAL FORM No. 59.

Forest Department, Madras, Central Circle.

SUMMARY of Expenditure of the different districts for the forest year 1895-96.

Budget heads.	Direction.	Nellore.	Cuddapah.	Chingleput.	North Arcot.	South Arcot.	Salem.	Trichinopoly.	Tanjore.	Total.
B.—“Establishments.”	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
Brought forward, Total A. “Conservancy and Works”	55,603	23,350	36,737	9,060	35,855	28,289	68,366	18,377	4,086	2,79,773
I. Salaries—										
(a) Conservators ..	19,200									
(b) Superior officers ..	16,500	8,150	11,465	9,782	9,596	10,077	19,323	15,800		19,200
(c) Subordinate forest and depôt establishments ..	600	6,607	10,463	2,831	9,985	9,971	10,141	4,170		1,00,693
(d) Office establishments ..	13,029	2,742	3,325	1,738	3,737	2,731	3,299	2,300	1,030	55,858
(e) Exchange compensation allowance.	3,101	62	1,508	1,504	1,104	1,366	1,594	2,228	716	33,617
II. Travelling allowances—										
(a) Conservators ..	3,064									
(b) Superior officers ..	8,737	1,006	2,445	1,236	1,884	1,049	4,321	2,505		3,064
(c) Subordinate forest and depôt establishments ..	263	1,570	2,260	917	2,537	2,365	3,430	1,589	281	20,289
(d) Office establishments ..	3,038	353	468	276	552	232	691	601	83	15,212
III. Contingencies—										
(a) Stationery ..										6,292
(b) Carriage of tents and records ..	1,019	185	186	111	252					
(c) Rents, rates and taxes ..			268	4	97	616	28	66		
(d) Pay of Police guards ..										2,532
(e) Official postage ..	623	280	757	390	1,071	832				1,079
(f) Sundries ..	799	799	881	216	479	308	1,862	544	168	5,527
Total B.—“Establishments”	66,973	21,753	34,024	19,005	31,294	29,646	45,935	30,094	2,498	2,81,222
Grand Total of Expenditure	1,22,626	45,103	70,761	28,065	67,149	57,935	1,14,301	48,471	6,584	5,60,395

MADRAS,
21st August 1896.(Signed) W. H. MICHAEL,
Deputy Accountant-General.

ANNUAL FORM No. 59.

Forest Department, Madras Presidency, Southern Circle.

SUMMARY of Expenditure of the different districts for the forest year 1895-96.

Budget heads.	Direction.	Nilgiris.	North Coimbatore.	South Coimbatore.	Madura.	Tinnevely.	North Malabar.	South Malabar.	South Canara.	Total.
B.—“Establishments.”	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
Brought forward, Total A. “Conservancy and Works”	26	47,455	27,259	52,531	18,355	36,813	22,266	35,046	24,858	2,64,609.
I. Salaries—										
(a) Conservators ..	14,954									14,954
(b) Superior officers ..		15,605	11,354	17,808	11,611	8,729	4,773	12,450	7,500	89,830.
(c) Subordinate forest and depôt establishments ..	1,502	9,000	5,835	9,512	7,604	7,521	5,159	5,662	6,650	58,445.
(d) Office establishments ..	6,864	3,259	3,282	3,495	2,689	3,498	2,836	2,384	3,430	31,737.
(e) Exchange compensation allowances	2,462	2,531	1,718	2,810	1,648	1,016	706	203	1,206	14,300.
II. Travelling allowances—										
(a) Conservators ..	3,100									3,100.
(b) Superior officers ..		2,069	2,436	2,948	1,629	1,477	1,534	1,028	934	14,055.
(c) Subordinate forest and depôt establishments ..	989	2,623	1,838	2,995	1,633	1,857	863	1,641	2,159	16,588.
(d) Office establishments ..	550	140	409	708	360	524	650	189	476	4,006.
III. Contingencies—										
(a) Stationery ..										
(b) Carriage of tents and records ..	241	85	299	245	374	314	180	12	511	2,211.
(c) Rents, rates and taxes ..	315	68	114	35	19	24		9	78	662.
(d) Pay of police guards ..										
(e) Official postage ..	548	447	678	444	615	651	327	211	791	4,707.
(f) Sundries ..	1,091	1,108	551	330	148	492	568	435	189	4,912.
Total B.—“Establishments”	32,616	36,885	28,509	41,330	28,330	26,103	17,586	24,224	23,924	2,59,507.
Grand Total of Expenditure	32,642	84,340	55,768	93,861	46,685	62,916	39,852	59,270	48,782	5,24,116.

MADRAS,
18th August 1896.(Signed) W. H. MICHAEL,
Deputy Accountant-General.

SUMMARY of receipts and expenditure for each circle and for the Presidency prepared from the Accountant-General's statement in the Board's office.

Budget heads.	Northern Circle.	Central Circle.	Southern Circle.	Grand Total, Presidency.
1	2	3	4	5
RECEIPTS.				
I. Timber and other produce removed from the forests by Government Agency—	RS.	RS.	RS.	RS.
(a) Timber	18,385	26,178	1,17,776	1,62,337
(b) Firewood and charcoal	7,978	1,14,226	40,088	1,62,292
(c) Bamboos	72	2,214	739	3,025
(d) Sandalwood	932	12,378	9,040	21,418
(e) Grass and other minor produce	..	5,806	12,208	18,946
Total	27,367	1,60,800	1,79,851	3,68,018
II. Timber and other produce removed from the forests by consumers or purchasers—	..	..	..	..
(a) Timber	1,30,583	78,167	31,317	2,40,067
(b) Firewood and charcoal	75,799	1,60,752	81,266	3,15,817
(c) Bamboos	92,290	84,960	22,126	1,99,376
(d) Grazing and fodder grass	1,24,747	1,62,681	53,038	3,40,466
(e) Other produce	2,50,885	2,61,595	1,06,627	6,18,107
Total	6,72,304	7,48,155	2,93,404	17,13,863
III. Confiscated drift and waif wood	4,388	1,349	4,346	10,073
IV. Revenue from forests not managed by Government.	..	..	..	..
V. Miscellaneous—	..	..	..	..
(a) Fines and forfeitures	857	782	545	2,184
(b) Refunds	18,943	28,647	25,902	73,492
(c) Other sources	..	..	..	..
Total	19,800	29,429	26,447	75,676
Grand Total	7,23,859	9,39,733	5,04,038	21,67,630
EXPENDITURE.				
<i>A.—Conservancy and Works.</i>				
I. Timber and other produce removed from the forests by Government Agency—	..	..	..	..
(a) Timber	9,389	10,426	54,411	74,206
(b) Firewood and charcoal	6,179	71,053	24,833	1,02,065
(c) Bamboos	102	1,129	158	1,389
(d) Sandalwood	630	1,063	1,792	2,855
(e) Grass and other minor produce	..	2,503	5,084	8,217
Total	16,280	86,174	86,278	1,88,732
II. Timber and other produce removed from the forests by consumers or purchasers	42,344	27,050	20,547	89,941
III. Confiscated drift and waif wood	1,976	88	506	2,570
IV. Revenue from forests not managed by Government.	..	..	..	..
V. Rent of leased forests and payments to shareholders in forests managed by Government	10,000	10	11,078	21,088
VI. Live stock, stores, tools and plant—	..	..	..	..
(a) Purchase of cattle	3,160	..	3,067	3,067
(b) Feed and keep of cattle	1,888	..	20,712	23,872
(c) Stores, tools and plant	..	873	3,159	5,920
Total, VI	5,048	873	26,938	32,859
VII. Communications and buildings—	..	..	..	..
(a) Roads and bridges	7,081	3,889	17,343	28,313
(b) Buildings	16,318	6,609	18,181	41,108
(c) Other works	537	198	1,927	2,662
Total, VII	23,936	10,696	37,451	72,083
VIII. Demarcation improvement and extension of forests—	..	..	..	..
(a) Demarcation	13,764	16,716	7,663	38,143
(b) Cost of forest settlement, compensation for land and rights	772	2,517	4,492	7,781
(c) Surveys	7,733	4,566	6,749	19,048
Survey of India Department charges	..	54,837	..	54,837
(d) Working plans	81	134	676	891
(e) Sowing and planting	12,209	20,341	14,052	46,602
(f) Protection from fire	13,879	12,495	15,869	42,243
(g) Other works	14,124	30,904	21,717	66,745
Total, A-VIII	62,562	1,42,510	71,218	2,76,290

Summary of receipts and expenditure for each circle and for the Presidency prepared from the Accountant-General's statement in the Board's office—cont.

Budget heads.	Northern Circle.	Central Circle.	Southern Circle.	Grand Total, Presidency.
1	2	3	4	5
EXPENDITURE—cont.				
<i>A.—Conservancy and Works—cont.</i>				
IX. Miscellaneous—	RS.	RS.	RS.	RS.
(a) Refunds	4,118	10,844	4,843	19,805
(b) Law charges	933	986	27	1,946
(c) Other charges	1,246	542	5,723	7,511
Total, A-IX	6,297	12,372	10,593	29,262
Total, A.—Conservancy and Works	1,68,443	2,79,773	2,64,609	7,12,825
<i>B.—Establishments.</i>				
I. Salaries—	..	..	..	..
(a) Conservators	14,470	19,200	14,954	48,624
(b) Superior officers	70,839	1,00,693	89,830	2,61,362
(c) Subordinate forest and depot establishments.	42,683	55,858	58,445	1,56,986
(d) Office establishments	25,863	33,617	31,737	91,217
(e) Exchange compensation allowances	11,118	12,467	14,300	37,885
Total, VI	1,64,973	2,21,835	2,09,266	5,96,074
II. Travelling allowances—	..	..	..	..
(a) Conservators	3,535	3,064	3,100	9,699
(b) Superior officers	15,629	20,289	14,055	49,873
(c) Subordinate forest and depot establishments.	12,911	15,212	16,588	44,711
(d) Office establishments	4,925	6,292	4,006	15,223
Total, B-II	36,900	44,857	37,749	1,19,506
III. Contingencies—	..	..	..	..
(a) Stationery	2,972	2,532	2,211	7,715
(b) Carriage of tents and records	1,102	1,079	663	2,843
(c) Rents, rates and taxes	..	..	..	..
(d) Pay of police guards	5,175	6,527	4,707	16,409
(e) Official postage	4,312	4,392	4,912	13,616
(f) Sundries	..	..	..	..
Total, B-III	13,561	14,530	12,492	40,583
Total, B.—Establishments	2,15,434	2,81,222	2,59,507	7,56,163
Grand Total of Expenditure	3,83,877	5,60,995	5,24,116	14,68,988
Surplus	3,39,982	3,78,738	..	6,98,642
Deficit	..	..	20,078	..
Total	7,23,859	9,39,733	5,04,038	21,67,630

Forest Department, Madras Presidency, Northern Circle.

OUTSTANDINGS and Liabilities on account of contractors and disbursers for the forest year 1895-96.

District.	Department Debtor.			Department Creditor.			Balance due	
	At commence- ment of year.	Recoveries in cash and value of supplies and work done during the year.	At close of year.	At commence- ment of year.	Payments made during year.	At close of year.	To department (outstandings).	By department (liabilities).
	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.
Conservator, Northern Circle	..	5,944 12 3	5,944 12 3	59 2 7	5,888 15 0	5,948 1 7	3 5 4	..
Forest Settlement-officer, Ganjam, &c. ..	..	510 7 5	510 7 5	40 0 0	494 13 6	534 13 6	24 6 1	..
Forest School, Dehra Dun	..	100 0 0	100 0 0	160 0 0	60 0 0	220 0 0	120 0 0	..
Ganjam	..	36,427 12 6	36,427 12 6	1,899 6 4	36,405 2 4	37,804 8 8	1,376 12 2	..
Vizagapatam	..	20,296 11 1	20,296 11 1	382 8 4	23,675 11 8	24,058 4 0	3,761 8 11	..
Godavari	..	39,856 5 11	39,856 5 11	1,909 9 2	38,828 15 2	40,738 8 4	882 2 5	..
Kistna	..	60,330 5 8	60,330 5 8	3,411 15 0	60,544 15 11	63,956 14 11	3,626 9 3	..
Kurnool	..	48,578 13 7	48,578 13 7	983 2 0	49,210 14 5	50,194 0 5	1,615 2 10	..
Bellary	..	38,846 14 7	38,846 14 7	875 12 1	39,365 12 1	40,241 8 2	1,394 9 7	..
Anantapur	..	18,013 2 5	18,013 2 5	607 9 1	18,116 3 7	18,723 12 8	710 10 3	..
Total ..	..	2,68,905 5 5	2,68,905 5 5	9,829 0 7	2,72,591 7 8	2,82,420 8 3	13,515 2 10	..

MADRAS,
9th September 1896.

(Signed) W. H. MICHAEL,
Deputy Accountant-General.

Forest Department, Madras Presidency, Central Circle.

OUTSTANDINGS and Liabilities on account of contractors and disbursers for the forest year 1895-96.

District.	Department Debtor.			Department Creditor.			Balance due	
	At commence- ment of year.	Recoveries in cash and value of supplies and work done during the year.	At close of year.	At commence- ment of year.	Payments made during year.	At close of year.	To department (outstandings).	By department (liabilities).
	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.
Conservator, Central Circle	..	4,800 6 0	4,800 6 0	28 12 3	4,823 0 7	4,851 12 10	51 6 10	..
Forest Settlement-officer, North Arcot, &c. ..	..	259 9 8	259 9 8	10 0 0	252 7 2	262 7 2	2 13 6	..
Do. Trichinopoly, &c. ..	..	3,789 12 7	3,789 12 7	6 2 0	3,783 10 7	3,789 12 7	..	..
Do. Nellore, &c. ..	..	1,029 1 7	1,029 1 7	31 7 6	1,019 2 11	1,050 10 5	21 8 10	..
Forest School, Dehra Dun	..	..	..	..	60 0 0	60 0 0	60 0 0	..
Nellore	..	29,712 11 1	29,712 11 1	828 10 8	29,840 15 7	30,669 10 3	956 15 2	..
Ouddapah	..	62,325 9 6	62,325 9 6	1,127 4 3	63,320 2 6	64,447 6 9	2,121 13 3	..
Chingleput	..	26,597 11 2	26,597 11 2	499 2 7	26,957 7 0	27,456 9 7	858 14 5	..
North Arcot	..	56,658 11 10	56,658 11 10	2,476 0 4	55,553 0 9	58,029 1 1	1,370 5 3	..
South Arcot	..	49,667 0 3	49,667 0 3	2,018 3 4	50,343 10 6	52,361 13 10	2,694 13 7	..
Salem	..	1,09,003 12 9	1,09,003 12 9	4,129 11 7	1,09,730 14 4	1,13,860 9 11	4,866 13 2	..
Trichinopoly	..	31,638 15 5	31,638 15 5	1,112 0 5	30,839 6 4	31,951 6 9	312 7 4	..
Tanjore	..	5,646 1 11	5,646 1 11	87 15 3	5,975 10 10	6,063 10 1	417 8 2	..
Total ..	..	3,81,129 7 9	3,81,129 7 9	12,355 6 2	3,82,499 9 1	3,94,854 15 3	13,725 7 6	..

MADRAS,
9th September 1896.

(Signed) W. H. MICHAEL,
Deputy Accountant-General.

ANNUAL REPORT OF THE

ANNUAL FORM No. 60.

Forest Department, Madras Presidency, Southern Circle.

OUTSTANDINGS and Liabilities on account of contractors and disbursers for the forest year 1895-96.

District.	Department Debtor.		Department Creditor.			Balance due	
	At commence- ment of year.	Recoveries in cash and value of supplies and work done during the year.	At close of year.	At commence- ment of year.	Payments made during year.	At close of year.	By department (liabilities).
Direction Conservator, Southern Circle	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.
Forest School, Dehra Dun	..	9,755 6 7	9,785 6 7	29 5 3	9,780 13 11	9,810 3 2	24 12 7
Nilgiris	..	63,804 1 2	63,804 1 2	1,510 10 0	62,932 12 7	37 0 0	37 0 0
North Coimbatore	..	60,234 2 3	60,234 2 3	2,555 8 7	48,544 15 7	64,443 6 7	639 5 5
South Coimbatore	..	38,700 10 1	38,700 10 1	1,538 11 10	39,871 5 8	51,100 8 2	846 5 11
Madras	..	35,304 0 0	35,304 0 0	3,358 6 3	34,265 8 2	41,410 1 6	2,709 7 5
Tinnevely	..	45,851 1 3	45,851 1 3	978 15 10	49,219 8 8	37,863 14 5	2,559 14 5
North Malabar	..	19,292 15 6	19,292 15 6	2,028 13 8	19,258 9 3	50,198 8 6	4,247 7 3
South Malabar	..	43,333 13 1	43,333 13 1	665 11 10	43,288 0 9	21,287 6 11	1,994 7 5
South Canara	..	29,961 8 3	29,961 8 3	1,212 3 6	31,489 15 9	43,851 12 7	517 15 6
Total	..	3,36,387 10 2	3,36,387 10 2	14,055 6 9	3,38,648 10 4	3,52,704 1 1	16,316 6 11

MADRAS,
9th September 1896.

(Signed) W. H. MICHAEL,
Deputy Accountant-General.

FOREST DEPARTMENT.

ANNUAL FORM No. 61.

Forest Department, Madras Presidency, Northern Circle.

REVENUE received and Outstandings on account of revenue for the forest year 1895-96.

District.	Particulars.	Outstandings at commence- ment of year.	Value of sales and other revenue during year.	Total.	Amount realized during year.	Balance due to the department at end of year.
Direction	Timber and other forest produce.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.
Ganjum	Do.	..	2 4 0	2 4 0	2 4 0	..
Vizagapatam	Do.	..	56,965 1 6	56,965 1 6	56,937 9 6	27 8 0
Godavari	Do.	76 12 3	44,971 6 5	45,048 2 8	40,796 0 8	4,252 2 0
Kistna	Do.	309 0 0	1,09,757 8 6	1,10,066 8 6	1,10,066 8 6	..
Kurnool	Do.	546 5 4	1,38,146 7 11	1,38,692 13 3	1,38,656 8 2	36 5 1
Bellary	Do.	480 0 0	1,50,683 0 7	1,51,163 0 7	1,46,228 9 11	4,934 6 8
Anantapur	Do.	639 14 0	1,86,980 14 0	1,87,620 12 0	1,27,126 13 7	60,493 14 5
Total	Total	2,051 15 7	7,91,629 2 8	7,93,681 2 3	7,23,868 14 1	69,822 4 2

MADRAS,
5th September 1896.

(Signed) W. H. MICHAEL,
Deputy Accountant-General.

ANNUAL FORM No. 61.
Forest Department, Madras Presidency, Central Circle.
REVENUE received and Outstandings on account of revenue for the forest year 1895-96.

District.	Particulars.	Outstandings at commencement of year.	Value of sales and other revenue during year.	Total.	Amount realized during year.	Balance due to the department at end of year.	Remarks.
Direction ..	Timber and other forest produce.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	
Nellore ..	Do.	423 12 0	1,51,934 13 11	1,52,358 9 11	1,20,233 9 11	32,125 0 0	
Cuddapah ..	Do.	17 4 3	2,08,444 3 1	2,08,461 7 4	2,03,574 1 0	4,886 14 4	(a) Amount written off in Board's Proceedings, Forest Mis. No. 810, dated 12th June 1896.
Chingleput ..	Do.	..	26,930 5 0	26,930 5 0	25,469 13 0	1,460 8 0	
North Arcot ..	Do.	43,414 9 11	1,62,946 13 7	2,06,361 7 6	1,45,444 1 8	59,917 6 4	(b) Amount written off in Government Order, No. 626, Revenue Department, dated 12th September 1895.
South Arcot ..	Do.	28,994 11 7	83,605 1 6	1,12,599 13 1	96,010 13 7	16,588 15 6	Amount written off in Government Order, No. 4171, Revenue Department, dated 23rd October 1895.
Trichinopoly ..	Do.	3,038 12 4	1,00,440 1 6	1,03,478 13 10	75,402 8 3	27,910 5 7	Amount written off in Government Order No. 118, Revenue Department, dated 16th March 1896.
Salem ..	Do.	726 15 10	2,60,245 4 9	2,60,972 4 7	2,67,801 12 11	3,170 7 8	Amount written off in Government Order, No. 267, Revenue Department, dated 15th June 1896.
Tanjore ..	Do.	73 12 3	16,412 5 7	16,486 1 10	15,786 1 0	700 0 10	Total .. 1,374 6 6
	Total ..	76,689 14 2	10,10,969 8 11	10,87,659 7 1	9,39,733 5 4	1,46,885 3 3	(c) Amount written off in Government Order, No. 818, Revenue Department, dated 16th December 1896.

(Signed) W. H. MICHAEL,
Deputy Accountant-General.

MADRAS,
5th September 1896.

ANNUAL FORM No. 61.
Forest Department, Madras Presidency, Southern Circle.
REVENUE received and Outstandings on account of revenue for the forest year 1895-96.

District.	Particulars.	Outstandings at commencement of year.	Value of sales and other revenue during year.	Total.	Amount realized during year.	Balance due to the department at end of year.	Remarks.
Direction ..	Timber and other forest produce.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	
Nilgiris ..	Do.	1,368 8 9	68,785 6 1	70,153 14 10	68,299 14 0	844 0 10	
North Coimbatore ..	Do.	18 10 9	77,421 9 0	77,440 3 9	69,219 5 8	8,202 7 3	(a) Rs. 1-15-6 written off—vide Govt. Order, No. 626, dated 12th September 1896.
South Coimbatore ..	Do.	110 7 8	91,107 15 3	91,218 6 11	89,507 6 11	1,711 0 0	" 16-7-7 written off—vide Govt. Order, No. 818, dated 16th December 1896.
Madura ..	Do.	7,992 10 10	53,340 3 7	61,332 14 5	57,071 13 7	6,261 0 10	Rs. 18-7-1
Tinnevely ..	Do.	132 2 0	89,984 5 8	90,116 7 8	89,024 8 11	1,078 13 3	(b) Amount written off in Government Order, No. 626, Revenue Department dated 12th September 1896.
North Malabar ..	Do.	508 6 8	16,263 12 7	16,772 3 3	16,105 8 7	666 10 8	
South Malabar ..	Do.	57,560 4 5	57,560 4 5	57,560 4 5	56,536 12 5	2,023 8 0	
South Canara ..	Do.	50 2 0	58,222 15 8	58,273 1 8	58,270 1 8	3 0 0	
	Total ..	10,171 0 8	5,14,689 8 3	5,24,860 8 11	5,04,033 7 9	20,790 8 7	

(Signed) W. H. MICHAEL,
Deputy Accountant-General.

MADRAS,
5th September 1896.

ANNUAL REPORT OF THE

ANNUAL FORM No. 62.

Forest Department, Madras Presidency.

Financial results of the year 1895-96.

District.	Timber and other produce removed from the forests by Government Agency.		Other revenue.		Formation, protection and improvement of forests.	Total.	
	Receipts.	Charges.	Receipts.	Charges.	Charges.	Receipts.	Charges.
<i>Northern Circle.</i>	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Ganjām ..	11,199	9,407	45,739	21,820	22,453	56,938	53,680
Vizagapatam ..	593	2,044	40,201	16,980	15,101	40,796	34,125
Godāvāri ..	1,667	1,373	1,08,400	36,554	16,584	1,10,067	64,571
Kistna ..	452	1,213	1,38,204	36,306	42,845	1,38,656	80,364
Kurnool ..	7,496	6,070	1,38,735	41,552	25,499	1,46,231	73,721
Bellary ..	8,388	8,485	1,18,739	19,320	25,642	1,27,127	53,447
Anantapur ..	..	..	1,04,044	19,798	14,231	1,04,044	34,029
Total ..	29,797	29,192	6,94,062	1,92,330	1,62,355	7,23,859	3,83,877
<i>Central Circle.</i>							
Nellore ..	32,007	22,695½	88,227	14,865½	14,238½	1,20,234	51,800
Cuddapah ..	34,055	22,580½	1,69,519	14,865½	14,398½	2,03,574	84,156
Chingleput ..	107	2,128½	25,363	36,610½	24,965½	25,470	31,414
North Arcot ..	15,438	13,498	1,30,008	23,623½	58,607½	1,45,444	95,729
South Arcot ..	5,766	7,313½	90,245	29,890	30,777½	96,011	67,981
Salem ..	64,618	54,551½	1,93,194	41,133½	70,803½	2,57,812	1,66,489
Trichinopoly ..	8,811	5,400½	66,591	25,331½	21,435½	75,402	68,250
Tanjore ..	..	999½	15,786	3,839½	3,419½	15,786	8,258
Total ..	1,60,800	1,32,168½	7,78,933	1,90,180½	2,38,646½	9,39,733	5,60,995
<i>Southern Circle.</i>							
South Canara ..	15,598	21,063	42,672	16,504	14,470	58,270	52,037
North Malabar ..	6,163	27,902	9,943	3,047	11,520	10,106	42,509
South Malabar ..	35,074	33,336	20,463	195	26,660	55,537	63,191
Nilgiris ..	49,187	49,042	20,114	4,304	36,579	69,301	89,925
North Coimbatore ..	4,624	7,634	64,595	7,293	44,697	69,210	59,624
South Coimbatore ..	45,757	59,748	43,751	8,939	31,292	89,508	99,979
Madura ..	7,764	11,328	49,308	8,015	30,401	67,072	49,744
Tinnevely ..	15,684	21,430	73,341	5,693	39,984	89,025	67,107
Total ..	1,79,851	2,34,483	3,24,187	54,030	2,35,603	5,04,038	5,24,116
Grand Total ..	3,70,448	3,94,843½	17,97,182	4,36,540½	6,36,604½	21,67,630	14,68,988

* The Conservator has not explained the difference between these figures and those given by the Accountant-General in Form No. 59.

FOREST DEPARTMENT.

ANNUAL FORM No. 63.

Forest Department, Madras Presidency.

STATEMENT of Elephants during the year 1895-96.

PART I.

In possession of the reporting officers throughout the year.

District.	Names.	When purchased or otherwise obtained by Government.	Average cost of monthly keep, including servants and food.	Rs. A. P.		
				Per head ..	(a)	
Conservator. Northern Circle.	Captain Gunning ..	Purchased in July 1895 ..	Do. ..	37	1	3
	Kesari Pyari ..	Purchased in November 1894 at the Sonepur fair. Do. do. ..	Do. ..	51	8	8
	Surat Pari ..	Do. do. ..	Do. ..	46	8	6
Godāvāri ..	Byragi Piari ..	Received from North Malabar on 28th June 1888. Received from South Malabar, August 1888. Do. do. May 1889. Do. do. 19th August 1891. Captured, 25th September 1892 Do. 23rd July 1893 ..	Do. ..	39	4	10
South Coimbatore.	1. Sankara ..	Do. do. ..	Do. ..	46	14	5
	2. Chice ..	Do. do. ..	Do. ..	38	9	3
	3. Karthiyayani ..	Do. do. ..	Do. ..	38	9	3
Nilgiris ..	4. Peria Rani ..	Do. do. ..	Do. ..	38	9	3
	5. Sinna Rani ..	Do. do. ..	Do. ..	38	9	3
	6. Phyllis, II ..	Do. do. ..	Do. ..	38	9	3
South Canara ..	7. Jambu, II ..	Do. do. ..	Do. ..	38	9	3
	8. Ranger ..	Do. do. ..	Do. ..	38	9	3
	Canara Shankara ..	Do. on 2nd August 1894 ..	Do. ..	38	9	3
South Malabar ..	1. Vixen ..	Transferred from Wynad in 1882 ..	Do. ..	38	9	3
	2. Peyru ..	Purchased from Mr. Morgan in 1885 ..	Do. ..	38	9	3
	3. Samson ..	Captured on 3rd January 1886 Do. on 17th February 1886 Do. on 9th January 1887 ..	Do. ..	38	9	3
South Malabar ..	4. Eva ..	Transferred from Wynad on 29th September 1888. Captured on 11th February 1889 Do. on 10th February 1890 Do. on 31st March 1890 ..	Do. ..	38	9	3
	5. Theebow ..	Do. on 21st April 1890 Do. on 24th December 1890 ..	Do. ..	38	9	3
	6. Juno ..	Transferred from South Coimbatore in August 1891. Captured on 10th December 1891 Do. on 25th February 1893 Do. on 2nd March 1893 ..	Do. ..	38	9	3
South Malabar ..	7. Jupiter ..	Do. on 1st April 1893 ..	Do. ..	38	9	3
	8. Maharajah ..	Transferred from South Coimbatore in December 1893. Captured on 16th March 1894 Do. on 27th June 1893 and transferred from North Malabar on 29th August 1894. Captured in February 1893 and transferred from North Malabar on 29th August 1894. Captured on 22nd November 1894 Do. on 23rd November 1894 Do. on 11th February 1895 ..	Do. ..	38	9	3
	9. Gordon ..	Do. on 23rd November 1894 ..	Do. ..	38	9	3
South Malabar ..	10. Eddy ..	Do. on 23rd November 1894 ..	Do. ..	38	9	3
	11. Mary ..	Do. on 23rd November 1894 ..	Do. ..	38	9	3
	12. Loo ..	Do. on 23rd November 1894 ..	Do. ..	38	9	3
South Malabar ..	13. Hercules ..	Do. on 23rd November 1894 ..	Do. ..	38	9	3
	14. Parvathi ..	Do. on 23rd November 1894 ..	Do. ..	38	9	3
	15. Jessie ..	Do. on 23rd November 1894 ..	Do. ..	38	9	3
South Malabar ..	16. Tippi ..	Do. on 23rd November 1894 ..	Do. ..	38	9	3
	17. Maharani ..	Do. on 23rd November 1894 ..	Do. ..	38	9	3
	18. Venus ..	Do. on 23rd November 1894 ..	Do. ..	38	9	3
South Malabar ..	19. Alice ..	Do. on 23rd November 1894 ..	Do. ..	38	9	3
	20. Pragasam ..	Do. on 23rd November 1894 ..	Do. ..	38	9	3
	21. Dora ..	Do. on 23rd November 1894 ..	Do. ..	38	9	3
South Malabar ..	22. Bagavathy ..	Do. on 23rd November 1894 ..	Do. ..	38	9	3
	23. Bagavathy ..	Do. on 23rd November 1894 ..	Do. ..	38	9	3
	24. Charlie ..	Do. on 23rd November 1894 ..	Do. ..	38	9	3
South Malabar ..	25. Percy ..	Do. on 23rd November 1894 ..	Do. ..	38	9	3
	26. May ..	Do. on 23rd November 1894 ..	Do. ..	38	9	3
	27. Harry ..	Do. on 23rd November 1894 ..	Do. ..	38	9	3
North Malabar ..	1. Phyllis ..	Purchased in January 1878 ..	Do. ..	41	9	10
	2. Peri ..	Captured in April 1889 ..	Do. ..	37	8	4
	3. Kalyani ..	Purchased in October 1889 ..	Do. ..	38	7	0
North Malabar ..	4. Jallameah ..	Captured in March 1891 ..	Do. ..	40	5	10
	5. Cherry ..	Do. in May 1892 ..	Do. ..	29	11	10

(a) Not reported.

ANNUAL REPORT OF THE

PART II.

Elephants received in the year.

District.	Names.	When purchased or otherwise obtained by Government.	Average cost of monthly keep, including servants and food.
	<i>Elephants.</i>		
Nilgiris	1. Ethel	Captured on 18th April 1895 and transferred from North Malabar in June 1896.	Per head .. Rs. A. P. 25 10 8
	2. Seetha	Captured on 13th September 1895 and transferred from North Malabar in June 1896.	Do. .. 15 10 8
South Malabar	1. Mars	Captured, 11th January 1896	Do. .. 8 12 9
	2. Abdul	Captured, 4th October 1891 and transferred from South Coimbatore on 18th June 1896	Do. .. 13 0 0
	1. Umrakhan, II	Captured, 30th September 1895	Do. .. 13 8 4
	2. Moideenkhan	Do. 3rd Jan. 1896	Do. .. 24 11 5
	3. Gunga prashad	Do. 6th Feb. "	Do. .. 27 15 0
	4. Padmami	Do. 8th "	Do. .. 18 15 8
	5. Draupathi	Do. 15th "	Do. .. 20 0 7
	6. Mothy	Do. 22nd "	Do. .. 29 13 2
	7. Kadar Baksh	Do. 29th "	Do. .. 24 15 3
	8. Krishna	Do. 3rd Mar. "	Do. .. 16 15 8
	9. Zahara	Do. 14th "	Do. .. 8 14 6
	10. Shbaream	Do. 14th "	Do. .. 18 0 10
	11. Pyrrha	Do. 13th April	Do. .. 43 9 10
	12. Thisbee	Do. 15th "	Do. .. 26 8 2
	13. Saraswathi	Do. 29th May	Do. .. 27 4 3
	14. Plato	Do. 27th "	
	15. Colleen	Do. 28th June	
	16. Seetha	Do. 13th Sept. 1895	

PART III.

Elephants gone off the list during the year.

District.	Names.	When purchased or otherwise obtained by Government.	Average cost of monthly keep, including servants and food.	How disposed of.
	<i>Elephants.</i>			
Vizagapatam	Mothimala ..	Purchased in November 1894 at the Sonepur fair.	Per head .. Rs. A. P. 85 8 0	Died on 18th April 1896.
South Coimbatore.	Abdul	Captured on 4th October 1891.	Do. .. 39 4 9	Transferred to South Malabar in June 1896.
South Malabar.	Cerise	Captured on the 20th October 1893 and received from South Coimbatore on 7th March 1895.	Do. .. 27 8 0	Died on 26th October 1895.
	1. Ethel	Captured on 18th April 1895.	Do. .. 34 5 2	Transferred to Nilgiris.
	2. Seetha	Do. on 13th Sept. "	Do. .. 27 4 3	Sold for Rs. 625.
	3. Umrakhan, II.	Do. on 30th Sept. "	Do. .. 13 8 4	Shot in the Kraal.
	4. Gungapashad.	Do. on 6th Feb. 1896.	Do. .. 27 9 11	Sold in auction.
	5. Ashes Bee ..	Do. on 21st June 1895.		

* Includes cost of medicine and harness.

ANNUAL FORM No. 64.

Forest Department, Madras Presidency.

ABSTRACT showing the Value of Live stock, Stores, Tools and Plant for 1895-96.

Districts.	Surveying, &c., instruments			Tools			Machinery			Furniture		
	On hand at commencement of the year.		Value.	On hand at end of the year.		Value.	On hand at commencement of the year.		Value.	On hand at end of the year.		Value.
	Number.	Value.		Number.	Value.		Number.	Value.		Number.	Value.	
1	2	3	4	5	6	7	8	9	10	11	12	13
<i>Northern Circle.</i>												
Direction	24	402	Rs.	24	402	Rs.	24	402	Rs.	24	402	Rs.
Ganjam	36	817		36	817		36	817		36	817	
Vizagapatam	20	356		20	356		20	356		20	356	
Godavari	60	534		60	534		60	534		60	534	
Krishna	67	1,042		67	1,042		67	1,042		67	1,042	
Karnool	58	621		58	621		58	621		58	621	
Bellary	83	220		83	220		83	220		83	220	
Anantapur	53	257		53	257		53	257		53	257	
Total, Northern Circle	401	4,249		401	4,249		401	4,249		401	4,249	
<i>Central Circle.</i>												
Direction	49	830		49	830		49	830		49	830	
Cuddapah	102	724		102	724		102	724		102	724	
Nellore	56	389		56	389		56	389		56	389	
Chingleput	21	868		21	868		21	868		21	868	
North Arcot	21	602		21	602		21	602		21	602	
South Arcot	118	1,415		118	1,415		118	1,415		118	1,415	
Salem	126	1,413		126	1,413		126	1,413		126	1,413	
Trichinopoly	89	412		89	412		89	412		89	412	
Tanjore	26	116		26	116		26	116		26	116	
Total, Central Circle	558	6,269		558	6,269		558	6,269		558	6,269	
<i>Madras Presidency.</i>												
Direction	109	1,790		109	1,790		109	1,790		109	1,790	
Cuddapah	78	548		78	548		78	548		78	548	
Nellore	45	371		45	371		45	371		45	371	
Chingleput	86	661		86	661		86	661		86	661	
North Arcot	112	855		112	855		112	855		112	855	
South Arcot	133	800		133	800		133	800		133	800	
Salem	302	282		302	282		302	282		302	282	
Trichinopoly	91	553		91	553		91	553		91	553	
Tanjore	699	5,960		699	5,960		699	5,960		699	5,960	
Total, Madras Presidency	1,000	10,000		1,000	10,000		1,000	10,000		1,000	10,000	

(a) Collectors do not explain the variations between these figures and those of previous year's closing balance. (b) Omitted to be shown in last year's return. (c) Revised figures.

Abstract showing the Value of Live-stock, Stores, Tools and Plant for 1895-96—cont.

Districts.	Buildings				Live-stock				Miscellaneous				Total			
	On hand at commencement of the year.		On hand at end of the year.		On hand at commencement of the year.		On hand at end of the year.		On hand at commencement of the year.		On hand at end of the year.		On hand at commencement of the year.		On hand at end of the year.	
	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.
	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33
Northern Circle.																
Direction ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Ganjam ..	22	15,904	24	16,766	(b)	1	(c)	1	1,800	..	..	..	134	2,192	134	2,192
Vizagapatam ..	18	1,035	18	1,035	..	1	(c)	1	1,800	..	..	..	409	19,512	416	1,948
Godavari ..	37	25,217	44	26,565	..	..	..	..	..	10	..	..	249	1,978	249	1,978
Kistna ..	57	11,123	61	12,273	..	..	..	..	..	189	..	..	1,020	30,313	1,065	31,429
Kurnool ..	58	25,136	56	23,361	(b)	1	1,600	1	1,600	2,660	5	2,000	685	18,165	713	17,117
Bellary ..	16	3,451	22	3,948	..	..	..	..	..	93	20	189	1,175	29,441	1,311	33,742
Anantapur ..	13	12,800	14	12,808	..	..	..	..	..	82	27	84	475	4,638	511	4,973
Total, Northern circle..	221	94,696	239	1,01,756	..	4	3,400	3	3,400	5,455	242	4,603	4,523	1,18,500	4,797	1,25,173
Central Circle.																
Direction ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Cuddapah ..	109	19,465	108	19,985	1	18	1	18	..	..	..	..	149	1,852	149	1,852
Nellore ..	9	2,079	9	2,079	..	..	..	..	..	..	..	..	801	86,392	827	86,826
Chingleput ..	17	4,086	17	4,300	..	..	..	..	..	..	..	..	31	43,941	31	43,941
North Arcot ..	(d) 40	8,296	41	8,298	..	..	..	..	..	..	..	..	585	5,912	547	44,355
South Arcot ..	17	9,161	18	9,532	..	..	..	..	..	..	..	..	1,560	11,518	33	6,171
Salem ..	19	13,271	19	15,489	..	..	..	..	..	..	..	..	33	11,269	33	11,269
Trichinopoly ..	9	1,832	9	2,530	..	..	..	..	..	..	..	..	1,905	14,758	1,927	14,263
Tanjore ..	10	460	8	441	..	..	..	..	..	..	..	..	2,080	19,954	2,119	21,720
Total, Central circle ..	230	59,350	229	62,654	1	18	18	1,985	7,303	1,985	7,482	10,402	1,39,893	3,802	1,43,295	3,802

(a) Collectors do not explain the variations between these figures and those of previous year's closing balance.
 (b) Omitted to be shown in last year's return.
 (c) Uniforms, kumblers, butchers, &c., received for supply to the Forest Guards are removed from this return.
 (d) Shown wrongly in previous year's return under "Miscellaneous."

Abstract showing the Value of Live-stock, Stores, Tools and Plant for 1895-96—cont.

Districts.	Surveying, &c., instruments				Tools				Machinery				Furniture				Building materials, &c., small store tents, &c.			
	On hand at commencement of the year.		On hand at end of the year.		On hand at commencement of the year.		On hand at end of the year.		On hand at commencement of the year.		On hand at end of the year.		On hand at commencement of the year.		On hand at end of the year.		On hand at commencement of the year.		On hand at end of the year.	
	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18 (a)	(b)	(c)	(d)
Southern Circle.																				
Direction ..	41	454	41	454	1	30	1	30	..	..	..	..	95	720	97	723	..	..	..	..
South Canara ..	98	1,086	109	1,092	512	691	544	725	..	..	..	..	144	1,248	157	1,325	..	..	..	..
North Malabar ..	(a) 44	(a) 1,062	47	1,104	(a) 617	(a) 1,165	626	1,423	..	..	..	..	(b) 85	664	87	682	..	..	..	..
South do. ..	23	915	27	939	541	637	589	637	10	60	12	103	40	395	64	525	..	..	..	..
Nilgiris ..	29	437	57	986	1,000	1,674	783	1,277	2	500	3	750	82	562	122	691	..	..	..	..
North Coimbatore ..	60	1,321	71	1,344	421	1,176	516	933	..	..	..	..	157	1,357	173	1,371	..	..	..	..
South do. ..	(a) 78	(a) 1,601	78	1,583	(a) 583	(a) 618	863	601	(a) 6,560	(d) 264	6,560	255	320	1,903	365	2,213	..	..	73	294
Madura (c) ..	45	1,267	54	1,283	523	932	1,107	931	..	..	..	..	201	1,122	214	1,124	..	..	..	..
Tinnevely ..	(a) 92	1,592	92	1,592	377	1,784	453	1,515	(a) 15	(a) 289	15	289	(a) 332	1,962	337	2,142	..	..	..	..
Total ..	510	9,715	576	10,377	4,480	8,671	5,202	8,072	6,587	1,113	6,590	1,397	1,456	9,933	1,616	10,806	66	296	73	294
Grand Total ..	1,469	20,233	1,600	21,089	13,881	23,775	14,831	22,400	14,831	50,282	6,860	50,776	3,293	23,413	3,579	24,942	66	296	73	294

(a) Collectors do not explain the variations between these figures and those of previous year's closing balance.
 (b) Omitted to be shown in last year's return.
 (c) The opening balance has been revised by the Collector.
 (d) The cost of tramway materials has not been given.

Abstract showing the Value of Live-stock, Stores, Tools and Plant for the year 1895-96—cont.

Districts.	Buildings			Live-stock			Miscellaneous			Total		
	On hand at commencement of the year.		Number.	On hand at end of the year.		Number.	On hand at commencement of the year.		Number.	On hand at end of the year.		Difference in value
	Value.	Rs.		Value.	Rs.		Value.	Rs.		Value.	Rs.	
Southern Circle.	18	7,532	22	19	7,458	21	20	21	20	21	20	35
	..	..	..	..	..	..	..	..	..	..	..	..
	..	..	..	..	..	..	..	..	..	..	..	..
	..	..	..	..	..	..	..	..	..	..	..	..
	..	..	..	..	..	..	..	..	..	..	..	..
	..	..	..	..	..	..	..	..	..	..	..	..
	..	..	..	..	..	..	..	..	..	..	..	..
	..	..	..	..	..	..	..	..	..	..	..	..
	..	..	..	..	..	..	..	..	..	..	..	..
	..	..	..	..	..	..	..	..	..	..	..	..
Direction	..	..	..	..	..	..	..	..	..	..	..	..
South Canara	..	..	..	..	..	..	..	..	..	..	..	..
North Malabar	..	..	..	..	..	..	..	..	..	..	..	..
South do.	..	..	..	..	..	..	..	..	..	..	..	..
Nilgiris	..	..	..	..	..	..	..	..	..	..	..	..
North Coimbatore	..	..	..	..	..	..	..	..	..	..	..	..
South do.	..	..	..	..	..	..	..	..	..	..	..	..
Madura	..	..	..	..	..	..	..	..	..	..	..	..
Tinnevely	..	..	..	..	..	..	..	..	..	..	..	..
Total	..	..	..	..	..	..	..	..	..	..	..	..
Grand Total	..	..	..	..	..	..	..	..	..	..	..	..

(a) Collectors do not explain the variations between these figures and those of previous year's closing balance.
(b) Not reported and omitted to be shown in the last year's statement.
(c) Two of these were omitted to be shown in the last year.

FOREST DEPARTMENT.

FORM No. 65.

Tramway Statement.

STATEMENT showing the results of transport of wood by tramway compared with transport by country carts.

Nellore District.

i. Sriharikota Range.

Capital Account, 1894-95.

Dr.	Rs.	A.	P.	Cr.	Rs.	A.	P.
To balance from 1893-94 ..	20,376	13	3	By depreciation at 6 per cent. ..	1,242	5	6
Add cost of 6 shovels purchased ..	12	8	0	" balance of stock ..	19,463	5	9
" cost of repairing ten waggons ..	316	6	0				
Total ..	20,705	11	3	Total ..	20,705	11	3

Revenue Account, 1894-95.

Dr.	Rs.	A.	P.	Cr.	Rs.	A.	P.
To working expenses ..	753	6	4	By balance written off ..	3,064	8	11
" road-making, repairs, &c. ..	240	9	5				
" interest at 4 per cent. ..	828	3	8				
" depreciation at 6 per cent. ..	1,242	5	6				
Total ..	3,064	8	11	Total ..	3,064	8	11

Work done—2,414 tons of fuel carried over 5½ miles = 13,880 ton miles.
Actual cost of work—13,880 ton miles at about Rs. 3-7 per mile = Rs. 3,064-8-11.
Estimated cost of carting—13,880 ton miles at Rs. 4-3 per mile = Rs. 3,660-14-5.

Capital Account 1895-96.

Dr.	Rs.	A.	P.	Cr.	Rs.	A.	P.
To balance from 1894-95 ..	19,463	5	9	By depreciation at 6 per cent. ..	1,173	3	4
Add cost of iron caps and brass journals purchased. ..	90	1	8	" balance of stock ..	18,380	4	1
Total ..	19,553	7	5	Total ..	19,553	7	5

Revenue Account, 1895-96.

Dr.	Rs.	A.	P.	Cr.	Rs.	A.	P.
To working expenses ..	613	12	1	By balance written off ..	2,874	14	0
" road-making, repairs, &c. ..	305	12	4				
" interest at 4 per cent. ..	782	2	3				
" depreciation ..	1,173	3	4				
Total ..	2,874	14	0	Total ..	2,874	14	0

Work done—{ 1,516 tons of fuel carried over 5½ miles = 8,717 ton miles.
407 " of " " over 1 mile = 407.

9,124 ton miles.
Actual charges for carrying—9,124 ton miles at about Rs. 5-0 = Rs. 2,874-14-0.
Estimated cost of carting—9,124 ton miles at Rs. 5-0 per mile = Rs. 3,088-18-8.

ABSTRACT.

Year.								Profit.			Loss.		
	Rs.	A.	P.					Rs.	A.	P.	Rs.	A.	P.
1889-90	..	..	..	..	..	..	..	..	..	..	829	15	11
1890-91	..	..	..	..	..	..	..	..	..	..	701	12	9
1891-92	..	..	..	..	..	..	..	..	..	..	1,063	15	9
1892-93	..	..	..	..	..	..	..	132	15	1	..	..	..
1893-94	..	..	..	..	..	..	..	905	0	1	..	..	..
1894-95	..	..	..	..	..	..	..	596	5	6	..	..	..
1895-96	..	..	..	..	..	..	..	213	15	8	..	..	..
Total							..	1,848	4	4	2,595	12	5
Net loss up to end of 30th June 1896							..	..	..	..	747	8	1

ii. Casuarina Plantation Range.

Capital Account, 1894-95.

Dr.	Rs.	A.	P.	Cr.	Rs.	A.	P.
To balance from 1893-94 ..	14,971	9	9	By depreciation at 6 per cent. ..	898	4	3
				Balance of stock ..	14,073	5	6
Total ..	14,971	9	9	Total ..	14,971	9	9

Revenue Account, 1894-95.

Dr.	Rs.	A.	P.	Cr.	Rs.	A.	P.
To working expenses ..	189	4	7	By balance written off ..	1,686	6	4
" interest at 4 per cent. ..	598	13	6				
" depreciation at 6 per cent. ..	898	4	3				
Total ..	1,686	6	4	Total ..	1,686	6	4

Work done—1,323½ tons of wood carried over 4 miles = 5,293½ ton miles.
Actual charge for carrying—5,293½ ton miles at about Rs. 5-1 per mile = Rs. 1,686-6-4.
Estimated cost by country carts—5,293½ ton miles at Rs. 14-6 per mile = Rs. 4,797-3-9.

* This differs from the figures returned last year. On verification it has been found that the rate by country carts was, by an oversight, taken to be Rs. 5-6 instead of Rs. 14-6 per mile.

ANNUAL REPORT OF THE

Capital Account, 1895-96.			
Dr.	Rs.	A.	P.
To balance from 1894-95 ..	14,073	5	6
Total ..	14,073	5	6
Revenue Account, 1895-96.			
Dr.	Rs.	A.	P.
To working expenses ..	302	7	8
" cost of caps and journals purchased ..	90	1	8
" interest at 4 per cent. ..	562	14	11
" depreciation at 6 per cent. ..	844	6	5
Total ..	1,799	14	8

By depreciation at 6 per cent. .. Cr. Rs. A. P.
 Balance of stock 844 6 5
 Total .. 13,228 15 1
 Total .. 14,073 5 6

By balance written off .. Cr. Rs. A. P.
 Total .. 1,799 14 8

Work done—1,262 tons of casuarina wood over 4 miles = 5,048 ton miles.
 Actual charge for carrying—5,048 ton miles at about As. 5-8 per mile = Rs. 1,799-14-8.
 Estimated cost by country carts—5,048 ton miles at As. 14-10 per mile = Rs. 4,679-14-8.

Year.		Profit.		Loss.	
		RS.	A. P.	RS.	A. P.
1885-86	..	1,070	10 9	..	..
1886-87	..	2,610	13 3	..	..
1887-88	..	2,998	10 0	569	14 1
1888-89	..	3,479	1 5	164	12 9
1889-90	..	2,297	4 8	..	..
1890-91	..	2,799	13 9	..	..
1891-92	..	3,091	3 9	..	..
1892-93	..	3,110	13 5	..	..
1893-94	..	2,880	0 0 ✓	..	..
1894-95	..	Total	24,338 7 0	734	10 10
1895-96	..	Net	23,603 12 2	..	..

* This differs from the figures returned in 1893-94. On verification it has been found that cost by country carts was taken to be As. 6-4 instead of As. 14-5 per mile.

Cuddapah District.

Capital Account, 1894-95.			
Dr.	Rs.	A.	P.
To balance from 1893-94 ..	12,341	9	0
Total ..	12,341	9	0
Revenue Account, 1894-95.			
Dr.	Rs.	A.	P.
To working expenses ..	197	14	5
" road repairs ..	81	3	0
" depreciation ..	740	7	10
" interest at 4 per cent. ..	493	10	7
Total ..	1,513	3	10

By depreciation at 6 per cent. .. Cr. Rs. A. P.
 " balance of stock 740 7 10
 Total .. 11,601 1 2
 Total .. 12,341 9 0

By received from contractor for trucking out 1,178 tons of fuel .. Cr. Rs. A. P.
 By balance written off 520 10 0
 Total .. 992 9 10
 Total .. 1,513 3 10

Work done—1,178 tons of fuel carried over 1½ miles = 1,472½ ton miles.
 Actual charge of carrying—1,472½ ton miles at Rs. 1-0-5 = ...
 Estimated cost by carts—1,472½ ton miles at Rs. 1 = ...

Capital Account, 1895-96.			
Dr.	Rs.	A.	P.
To balance from 1894-95 ..	11,601	1	2
Total ..	11,601	1	2
Revenue Account, 1895-96.			
Dr.	Rs.	A.	P.
To working expenses ..	152	14	0
" road repairs ..	50	12	6
" depreciation ..	696	1	0
" interest at 4 per cent. ..	464	0	8
" Tramway repairs ..	40	8	0
Total ..	1,404	4	2

By depreciation at 6 per cent. .. Cr. Rs. A. P.
 " balance of stock 696 1 0
 Total .. 10,905 0 2
 Total .. 11,601 1 2

By revenue from contractor for trucking out 210 tons fuel .. Cr. Rs. A. P.
 By balance written off 126 0 0
 Total .. 1,278 4 2
 Total .. 1,404 4 2

Work done—756½ tons fuel carried over 1½ miles = 1,134½ or 1,134½ ton miles.
 Actual carrying charge of—1,134½ ton miles at Rs. 1-3-10 = ...
 Estimated cost by carts—1,134½ ton miles at Rs. 1-0-0 = ...

* Of these 546½ tons were trucked by the department.

FOREST DEPARTMENT.

Year.	Abstract.						Profit.		Loss.		
	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.		
1892-93	..	..	..	..	..	..	..	2,892	12	3	
1893-94	..	..	..	..	..	..	..	539	8	9	
1894-95	..	..	..	..	..	..	..	40	11	10	
1895-96	..	..	..	..	..	..	..	269	8	2	
Total							..	3,742	9	0	

South Coimbatore District.

Capital Account, 1894-95.			
Dr.	Rs.	A.	P.
To balance from 1893-94 ..	52,897	1 8	
" cost of painting the tramway trucks ..	158	12 4	
" repairs to plant ..	233	3 0	
Total ..	53,289	1 0	

Revenue Account, 1894-95.			
Dr.	Rs.	A.	P.
To working expenses ..	4,321	3 1	
" depreciation at 6 per cent. ..	3,197	5 6	
" interest at 4 per cent. ..	2,131	9 0	
" repairs to roadway ..	71	14 0	
Total ..	9,721	15 7	

By depreciation at 6 per cent. .. Cr. Rs. A. P.
 " balance of stock 3,197 5 6
 Total .. 50,091 11 6

Work done—1,627 tons (5,206½ candies or 65,079 cubic feet) of timber moved over four miles = 6,508 ton miles.
 Actual charges of carrying—6,508 ton miles at Rs. 1-7-11 per ton mile = ...
 Estimated cost by carts—6,508 ton miles at Rs. 1-0-8 per ton mile = ...
 Annual cost of maintaining cart road before construction of tramway (now sanctioned)

Rs.	A.	P.
6,779	2	8
1,200	0	0
7,979	2	8
Loss ..	1,742	12 11

Capital Account, 1896-96.

Dr.	Rs.	A.	P.
To balance from 1894-95 ..	50,091	11 6	
" extension of tram line up top slip ..	16	0 0	
" repairs to tram trucks ..	195	2 0	
" tarring the spare rails and sleepers ..	64	6 9	
" cost of 19 brakes to tram trucks ..	151	7 6	
Total ..	50,518	11 9	

Revenue Account, 1895-96.

Dr.	Rs.	A.	P.
To working expenses ..	4,768	4 1	
" depreciation at 6 per cent. ..	3,031	2 0	
" interest at 4 per cent. ..	2,020	12 0	
" repairs to roadway ..	103	9 0	
Total ..	9,923	11 1	

By balance written off .. Cr. Rs. A. P.
 " balance of stock 3,031 2 0
 Total .. 47,487 9 9

Work done—1,797 tons (5,748½ candies or 71,862 cubic feet) of timber moved over 4 miles = 7,188 ton miles.
 Actual charges—for carrying 7,188 ton miles at Rs. 1-6-1 per ton mile
 Estimated cost by carts—7,188 ton miles at Rs. 1-0-8 per ton mile (the rate actually paid for carting prior to the construction of the tramway)
 Annual cost of maintaining cart-road—before the construction of tramways

Rs.	A.	P.
9,923	11	1
7,487	8	0
1,200	0	0
8,687	8	0
Loss ..	1,236	3 1

1 candy = 12½ cubic feet.

1 ton = 40 cubic feet.

1 candy=12½ cubic feet.

Year.	Abstract.						Profit.			Loss.		
	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.
1889-90	..	..	..	..	..	..	..	..	..	4,155	2	7
1890-91	..	..	..	..	..	..	..	..	..	3,048	9	5
1891-92	..	..	..	..	..	..	..	..	..	4,710	13	9
1892-93	..	..	..	..	..	..	..	..	..	4,718	4	5
1893-94	..	..	..	..	..	..	..	..	..	2,392	3	5
1894-95	..	..	..	..	..	..	..	..	..	1,742	12	11
1895-96	..	..	..	..	..	..	..	..	..	1,236	3	1
Total	..	..	..	..	..	..	..	..	..	22,004	1	7

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BOARD OF REVENUE (LAND REVENUE), FOREST No. 539, 1st DECEMBER 1896.

PROCEEDINGS OF THE BOARD OF REVENUE
(LAND REVENUE).

RESOLUTION—Forest No. 539, dated 1st December 1896.

The Board resolves to submit to Government the progress report of Forest Administration in the Madras Presidency for the year ending 30th June 1896.

2. As in the previous year the report has been prepared by Mr. Popert, the Senior Conservator of Forests, who is stationed at Madras and from whom the Board has also received the most valuable and cordial assistance in the disposal of current business throughout the year. The several chapters of the report have been arranged in the order prescribed by section 259 of the Revised Forest Code.

3. The Board regrets the delay in the submission of the report. It is due to the fact that the Code forms were newly introduced during the year and that their preparation has not, in several cases, been correctly understood in District Forest offices, so that much time was taken up in checking the returns in the Board's office and obtaining revised figures where necessary. The districts most to blame are Malabar (North) and Cuddapah.

(True Copy and Extract.)

Reelan
Secretary.

To the Secretary to Government, Revenue Department,

*with 3 Copies of the
Admin Report.*

be substituted for the Board's Proceedings
same number and date.

REVENUE DEPARTMENT.

1896.

Board of Revenue

(Land Revenue),

MADRAS.

Printed December th.

Proceedings, Forest No. 539, 1st
December 1896.

Submitting to Government, with remarks, the
progress report of Forest Administration in the
Madras Presidency for the year ending 30th
June 1896.

Draft Forest Review.

Honble W. G. Rose C.E.

370

21 May

2nd Proof
8/4/97

Self
?

(H.E. the Govt. No.)

REVENUE,

APRIL 1897.

[I think there was something in judicial about creating
important reviews to the]

This review is long overdue with the Govt. of Madras. The delay is due to the fact that
the Secy. orders for reference to the Governor's Resolutions refers to
consequently unable to take this up until a little more than a fortnight
GOVERNMENT OF MADRAS.

REVENUE DEPARTMENT.

READ—C. No. 9102 of 1896.

ORDER—No. 370 Revenue; dated 21st May 1897.

Forest No. 5/.

With its Proceedings read above,
the Board of Revenue submits its report
on the administration of the Forest

Department for the year ending 30th June 1896.

2. The final copy of the report did not reach the Government office until the
16th of December, or a full month after the prescribed date and even this was incom-
plete for the usual table of contents was not prefixed thereto; the omission should
be remedied before bound volumes of the report are issued. The delay is ascribed to
the time taken up in checking and revising the statistical returns received from dis-
trict forest offices, inasmuch as the introduction during the year of the new forms
prescribed in the Revised Forest Code led to the occurrence of an unusual number of
mistakes. The explanation is accepted, but the Government must request the Board
to arrange for the punctual submission of the report in future. This is particularly
necessary, since if, as on the present occasion, the report is not received until the
month of December is far advanced, its review in the Government office is delayed by
the accumulation of arrears during the Christmas holidays. The report, which was
again drawn up by the Senior Conservator, Mr. E. P. Popert, differs materially in
arrangement from those submitted in previous years owing to the adoption of the
division of subjects indicated in section 259 of the Revised Forest Code. The same
reason accounts for the change in the form of this review.

3. EXTENSION AND CONSTITUTION OF STATE FORESTS.—Alteration of area.—The
subjoined statement compares the areas of reserved forests and reserved lands at the
commencement and close of the year under report:—

	Area on 1st July 1895.	Area added during 1895-96.	Area excluded during 1895-96.	Net increase or decrease.	Area on 30th June 1896.
	SQ. MLS.	SQ. MLS.	SQ. MLS.	SQ. MLS.	SQ. MLS.
Reserved forests	11,466	(a) 1,086	(c) 164	+ 922	12,388
Do. lands	7,324	(b) 550	(d) 1,184	- 634	(e) 6,690
Total	18,790	1,636	1,348	+ 288	19,078

(a) Including an addition of 228 square miles due to rectification of area (227) and the rounding off of fractions (1).

(b) an addition of 35 square miles due to the same causes as set forth in (a).

(c) a reduction of 166 square miles due to the rectification of area and of 8 square miles disafforested.

(d) The details of reduction are as under:—

43 square miles due to rectification of areas.

81 do. excluded at settlement.

858 do. notified as reserved forests.

196 do. abandoned.

1 square mile rounding of fractions.

(e) Of this area, 1,957 square miles were lands declared reserved by Collectors and 4,733 square miles had
brought under the operations of Chapter II of the Act.

A noticeable feature in the figures is the large variation due to rectification of
area which accounts for an addition of 227 square miles and an exclusion of 156
square miles in the case of reserved forests. These changes appear to have been

21 May

flaxseed A

5. *Forest Settlement.*—The outturn of forest settlement work as gauged by the area notified as reserved with effect from dates falling within each of the past five years is shown below :—

	1891-92.	1892-93 (15 months).	1893-94.	1894-95.	1895-96.
Outturn	SQ. MLS. 2,063	SQ. MLS. 2,261	SQ. MLS. 1,350	SQ. MLS. 680	SQ. MLS. 922

Manasary

There was thus an apparent increase over the unusually low outturn of 1894-95, but closer examination shows that there was no real improvement, for the area in respect of which final notifications under section 16 of the Forest Act were actually issued during 1894-95 was 913 square miles, as compared with 808 square miles in the year under report. These figures are a better criterion of the results than those given in the foregoing statement, which includes increases due to mere rectification of area and excludes the extents finally notified in each year, as reserved with effect from some early date in the following year. The fall in the outturn as compared with that of 1894-95 is apparently to be ascribed to the absence of three of the four special settlement officers on leave or transfer during the last quarter of the year and to the slow progress made by revenue divisional officers entrusted with forest settlement work. As compared with the outturn in and prior to 1892-93 there has been a still more marked decline in the rate of progress which, as was explained in the last review, is due to the fact that the forest blocks settled in former years were large hill areas "comparatively free of rights and easy to settle", whereas attention has now to be devoted to "smaller reserves situated in the neighbourhood of cultivated tracts and more or less encumbered with communal or private rights."

6. If the extent ultimately to be brought under control be taken at 19,853 square miles, the area in respect of which final notifications had yet to be issued at the close of the year 1895-96 was 7,154 square miles as shown below:—

	SQ. MILES.
(i) Notified under section 4	4,422
(ii) Reserved lands not brought under settlement	1,957
(iii) Further selections	775 *
Total	7,154

* These figures differ from those given in paragraph 4 of the report, where the further selections are estimated at 1,019 square miles. This is due to the absence of details of the area shown in that paragraph as "brought under the Forest Act," and the consequent necessity of taking the particulars of items (i) and (ii) from paragraph 5. Item (iii) represents the balance.

Of the 4,422 square miles forming item (i), 1,675 had been actually settled and the final reports relating thereto were either under the consideration of Government or the Board or under reference to the district officers; 732 square miles had been settled and not reported upon, and the balance—2,015 square miles—was pending with forest settlement-officers in various stages of settlement. Adding to the last item the areas not yet notified under section 4, the total extent requiring actual settlement was 4,747 square miles. It has been recognized that revenue divisional officers cannot devote sufficient attention to this class of work and the Secretary of State has sanctioned the appointment of a fifth special settlement-officer, with special reference to this fact and to the desirability of expediting the completion of forest settlement operations. The rate of progress during the past year has, however, been so slow that the Government doubts whether it was not unduly sanguine in anticipating, in paragraph 6 of the last review, that the work of forest settlement would be brought to a close by the end of the year 1900. As the marginal figures show, there was a serious falling off in the area for which the forest settlement-officers submitted settlement reports and proclaimed final notifications. During the past three years, four special settlement-officers have thus submitted final settlement reports on an area of 2,841 square miles. At the same rate of progress with an additional officer, it should take four years to complete the actual settlement of the 4,747 square miles pending on 30th June 1896, but the scrutiny exercised in

	Area in respect of which	
	settlement reports were submitted.	final proclamations were issued.
1893-94	SQ. MILES. 938	SQ. MILES. 742
1894-95	1,136	563
1895-96	767	325

of the 4,747 square miles pending on 30th June 1896, but the scrutiny exercised in

1-44

No.

REVENUE, 4TH APRIL 1897.

the Board's office, together with the frequent necessity of sending forest settlement papers back for revision, would no doubt postpone the issue of final notifications under section 16 of the Forest Act to a date considerably later than 30th June 1900. It is therefore most important that the rate of progress should be accelerated, if this is possible without detriment to the quality of the work, and the Board of Revenue will be requested to devote unremitting attention to the matter. The quarterly reviews of the outturn of forest settlement work furnish an excellent opportunity of scrutinizing the work of the special settlement-officers, and of this the Board already avails itself. The slow progress is, however, frequently due to causes beyond the control of these officers; thus, there is not unfrequently avoidable delay on the part of the ordinary executive staff of the districts in replying to calls or references relating to settlement operations. The Board cannot too strongly impress upon Collectors and District Forest-officers the necessity of dealing promptly with such matters and of giving all the assistance in their power to special settlement officers employed within the limits of their districts.

7. Turning to the work of revenue divisional officers, the Government observes that as usual but little progress was made, and regrets to notice that one officer, who has since retired, is reported to have entirely neglected this branch of his duties. The total area disposed of by revenue officers was only 58 square miles against 140 in the previous year, but the decline in outturn was no doubt largely due to the transfer of forest blocks to the charge of special settlement-officers.

8. A satisfactory feature of the year's settlement work as compared with that of 1894-95 was the disposal of long pending blocks. The number of blocks still under settlement which had been notified under section 4 in and prior to 1889-90 was reduced from 107 to 76, and from paragraph 7 of the report it appears that a large proportion of the balance was approaching completion of settlement. The subject is, however, one to which the Board must continue to devote special attention. It is observed that Appendix A includes three blocks notified under section 4 in the year 1883-84, which were not shown in the corresponding returns for the previous year, and that numerous other alterations have been found necessary both in regard to the number and area of the blocks shown as notified in particular years. The explanation given in the foot-note—"rectification"—presumably means not merely the rectification of area, but also the correction of mistakes made in the previous returns. In two instances the area of the blocks shown as pending settlement has not been entered in the statement.

9. The Board does not discuss the adequacy of reservation, but the statement contained in paragraph 4 of the report furnishes approximate information as to the proportion of unoccupied Government lands which will ultimately come under reservation, and paragraph 11 shows that selections for further reservation have been completed in most districts. The adequacy of the final proposals submitted by the Board has been considered in each individual case, and no material extension of forest areas beyond the limits for the time being approved is ever likely to become feasible. While however, satisfactory progress was made with new selections, the area (459 square miles) actually notified under section 4 of the Forest Act was particularly small. It is desirable that new selections should be brought under settlement with expedition, but, for the present, delay is of less moment in view of the fact that the forest settlement-officers have already quite enough work to occupy them for a considerable time to come. The preparation of initial notifications under section 4 should, however, not be delayed on this account.

Mr. Villanova
Fairmount Hills
a. a. Clark Cal
him, Josephson
M.V.

-442-

Handwritten: 370 21 May

10. Demarcation.—The following statement compares the outturn of demarcation work under its various heads during the past three years:—

	Preliminary.			Permanent.			Re-clearing of old lines.		
	1893-94.	1894-95.	1895-96.	1893-94.	1894-95.	1895-96.	1893-94.	1894-95.	1895-96.
Northern Circle.	MLS. 1,474	MLS. 896	MLS. 664	MLS. 404	MLS. 499	MLS. 855	MLS. 152	MLS. 270	MLS. 597
Central Circle ..	1,423	1,527	543	1,584	1,542	1,117	815	991	3,912
Southern Circle.	585	798	272	367	230	217	740	171	193
Total ..	3,482	3,221	1,479	2,355	2,271	2,189	1,707	1,432	4,702
Average cost per mile ..	RS. A. P. 2 7 1	RS. A. P. 2 5 2	RS. A. P. 2 13 6	RS. A. P. 11 0 9	RS. A. P. 9 0 10	RS. A. P. 8 14 7	RS. A. P. 7 14 5	RS. A. P. 6 13 11	RS. A. P. 2 8 4

The marked fall in the amount of preliminary demarcation is accounted for by the satisfactory explanation that in most districts but little work of this description remains to be done. From the figures given in Form No. 46 at page lxy of the appendix, it would appear that demarcation generally is in an advanced state, for out of a total length of boundaries amounting approximately to 30,631 miles, it is reported that at the close of the year all but 3,767 miles had either been demarcated or required no artificial delimitation in consequence of the existence of well defined natural boundary marks. Paragraphs 15 and 16 of the report read with Form No. 46 contain sufficient explanation of the variations in the cost and amount of both preliminary and permanent demarcation as compared with the previous year, but the Board does not account for the large increase in the extent of old lines re-cleared, or for the striking fall in the cost of re-clearance. This should now be briefly explained.

11. Survey.—As the marginal statement shows, the work of the Survey of

Year.	Topography completed.	Cost per square mile.
	SQ. MLS.	RS.
1894-95	971	67
1895-96	964	66

India Party was as satisfactory as in the preceding year, when the outturn reached the highest recorded figure and the cost per square mile was lower than it had ever been before. The total area topographically surveyed at the close of the year under report was 5,110 square miles, and now that a second party has been deputed to work in the Madras Presidency, an annual outturn of nearly 2,000 square

miles may be expected, which, as the Board remarks, should bring the completion of forest surveys within a measurable distance.

A certain amount of work was also done by the departmental staff of temporary surveyors and draughtsmen; but, from the information contained in the report, no satisfactory comparison can be instituted between the work executed during the year under review and that carried out in previous years. Operations appear to have been particularly active in the Northern circle, where the progress made is described as satisfactory except in Bellary; no work of this nature appears, however, to have been taken on hand in Gódvári. In the Southern and Central Circles there was less activity in this direction owing, no doubt, to the fact that the Survey of India Parties have already covered much of the ground and will shortly take up the survey of further areas. If the information can be procured without difficulty, the next annual report might, with advantage, indicate in some detail the total extent of survey completed, whether by the Survey of India Parties or by departmental agency, and the amount of work which remains to be done. The particulars given in Form No. 47 and give a sufficiently clear idea of the progress already made.

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Appendices D and E embody particulars regarding the steps taken to prepare and maintain the various classes of maps prescribed in section 81 of the Forest Code. The former statement, however, does not contain full information, owing to the failure of district officers to comply with the instructions laid down in paragraph 8 of the last review; the Government notes that the Board has called their attention to the matter and trusts that the next report will not give room for a similar comment. Appendix E, as in the previous year, is marred by unexplained discrepancies; thus the area for which final maps are said to have been prepared in North Coimbatore is shown as 17 square miles, whereas the entry in the return for 1894-95 is 859 square miles. The foot-notes to the appendix show that more than one Collector has failed to submit any information for incorporation in this appendix. The Government regrets to see that the explicit instructions given on the subject in the last review have been disregarded and must request the Board to intimate its disapproval to the officers concerned.

12. MANAGEMENT OF STATE FORESTS.—*Working plans.*—As usual, the continuance of forest settlement operations and the inadequacy of establishments formed serious obstacles to progress in this branch of the administration; but the Government notes with satisfaction that the anticipation made in the report for 1891-95 has been realized. The information contained in paragraph 20 of the report now under review and in the statistical statement printed at page lxviii shows that a number of simple working plans were framed and introduced during the year, and that progress was made in the collection of data for the preparation of future plans. The provisions of schemes actually in working appear as a rule to have been strictly adhered to, while the results obtained were on the whole satisfactory.

13. *Communications and Buildings.*—The total charges incurred on the construction and repair of communications and buildings amounted to Rs. 72,083 or Rs. 2,670 more than in the previous year. It is not altogether satisfactory to notice ~~marked increase~~ ^{an} ~~(— Rs. 6,065) in the expenditure on buildings~~ and a decline in the outlay on communications; but this was no doubt, to some extent, due to the fact that a general scheme for the development of forest roads was under consideration during the year. The Board has subsequently reported that it is advisable to defer the introduction of any such scheme, pending further advance in the preparation of working plans. In this opinion the Government has expressed its concurrence in view of the impossibility of determining the most suitable alignment for roads in a reserve, the method of managing which has not been decided. Where, however, a working plan has been drawn up, or a road running in a particular direction is clearly desirable, whether for the exploration or for the management of a forest, there is no reason to delay expenditure on communications, and, as was indicated in paragraph 13 of the last review, this should, as a rule, have preference over outlay on buildings. flagged 5

The working of the several tramways is discussed in paragraph 25 of the report and shown in detail in the statement printed at page cl.)

The results of the year's working cannot be regarded as altogether satisfactory, except in the case of the casuarina plantation in Nellore, where, as usual, a substantial profit is reported to have been realized. But, even on this line, there was a fall in the outturn, notwithstanding the absence of the special reason assigned for the large decrease in the preceding year. On the Sriharikóta tramway in the same district there was similarly a continuance of the decline in outturn noticed in the previous report, which might apparently be checked by the purchase of additional fuel wagons; the line, however, was worked at a slight profit. The working of the Cuddapah tramway was characterized by a considerable decrease in the work done, coupled with an increase in the cost of carriage, and though that in South Coimbatore showed a slight improvement under each of these heads, both lines were worked at a loss during the year. The reported profits and losses in working are, however, entirely based upon the estimated cost of transport by country carts, and erroneous calculation of this item is liable to vitiate the conclusions drawn. It was for this reason that in paragraph 13 of the last review the Government suggested the inclusion in

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the report of a brief note explaining the data on which such estimates are framed. The suggestion has not been given effect to in the report now under review, but the Government notes that the Board has instructed the Collectors concerned to pay special attention to the matter in future reports.

14. Breaches of Forest Law.—The following statement compares the number and disposal of cases relating to forest offences during the past three years:—

Years.	Number of cases for disposal.			Number of cases disposed of.				Number of acquittals.	Percentage of cases compound- ed to cases disposed of.	Percentage of acquittals to cases dealt with by the mag- istry.
	Cases pending.	New cases.	Total.	With- drawn.	Com- pound- ed.	Dealt with by magis- tracy.	Total.			
1893-94	1,965	10,007	11,972	794	5,309	4,231	10,334	919	51.3	21.6
1894-95	1,604	9,883	11,487	904	5,109	4,039	10,052	750	51.8	18.6
1895-96	1,365	9,610	10,975	1,009	4,531	3,862	9,402	796	48.2	20.6

* In consequence of the correction of mistakes subsequently discovered, these figures do not tally with the closing balances shown in the previous year's report.

but many of the cases withdrawn were cases in which compound- ing was allowed after the com- plaint had been lodged

There was thus an unsatisfactory increase in acquittals, which was common to all three circles. The percentage of cases withdrawn advanced concurrently from 9 to 10.7—a rise which is satisfactory, in so far as it can be ascribed to the more thorough scrutiny by superior Forest-officers of the evidence forthcoming, and the reverse as being indicative of want of care on the part of the subordinates responsible for the preliminary investigation. The proportion of cases terminating in withdrawal or acquittal was particularly high in the marginally-noted districts, the figures relating to which stand out in striking contrast to the record of Bellary (4.4 per cent.) and Vizagapatam (5.9 per cent.).

	PER CENT.
Nellore	32.2
Kurnool	31.1
North Malabar	30.9
Ganjām	29.6
Godāvari	27.6
Madura	25.0
Tinnevely	24.5
Kistna	24.1
South Canara	19.2
Average for the whole Presidency	19.2

offences if sufficiently ample in number and

The Government notes that the marked improvement in the latter district is said to be due to "careful inquiries insisted on by the District Forest-officer on the part of Range officers before sanctioning prosecutions."

The prosecution of "under-aged boys" in Tinnevely would seem to show that such inquiries are not conducted in all districts. As the Board is aware, the Government of India has recently laid stress on the advisability of devoting more care to the preparation of cases for prosecution and of refraining from prosecuting at all when the evidence seems insufficient. The results achieved in Vizagapatam go to show the possibility of effecting improvement by taking action in this direction, and the Government looks to the Board to see that District Forest-officers devote unremitting attention to the matter. His Excellency in Council cannot agree with that authority in considering 20 per cent. of acquittals to be a "moderate figure."

Turning to the various classes of forest offences, the Government notices a marked increase in cases of injury by fire, of which no fewer than 43 per cent. occurred in the single district of Madura where the number of such cases rose from 9 to 41. The only other main head under which an increase occurred was illicit grazing; the districts in which the advance was most striking were Madura (+ 193), Cuddapah (+ 150), Salem (+ 96) and Kistna (+ 89). With reference to the explanation given in paragraph 28 of the report, the Board will be requested to state whether further provision cannot be made for goat-browsing in the Cuddapah district in accordance with the scheme approved in Board's Proceedings, No. 602, dated 11th October 1895.

The amount of compensation realized from the compounding of cases (Rs. 35,139) fell short of the abnormally high figure reached in the previous year (Rs. 44,618), the average amount per case declining from Rs. 8-12-0 to Rs. 7-7-6. With reference to paragraph 30 of the report, the Government observes that the Collector's report fully justified the Board's conclusion as to the necessity of restricting the illicit goat-grazing in the South Arcot district by imposing an enhanced pound fee. The

It may be suggested, however, that the provision of sufficient grazing for goats is an important matter. The Govt. believe that it is under the consideration of the Board now, but must not be neglected.

special transit rules recently sanctioned for North Coimbatore should be efficacious in preventing the systematic theft of sandalwood alluded to in paragraph 31.

15. *Protection from fire.*—Taking the Presidency as a whole, the results of fire conservancy were very satisfactory/as the following table shows:—

		Area which it was attempted to protect from fire.	Percentage area successfully protected.	Average cost of protection per square mile.
1892-93	.. .. .	SQ. MLS. 5,100	95	RS. A P. 13 2 3
1893-94	.. .. .	5,044	91	9 2 5
1894-95	.. .. .	4,979	91	8 7 11
1895-96	.. .. .	5,594	94	7 8 10

As will be seen, the continuous decrease in the rate of expenditure does not appear to have affected the success of the operations conducted. The results achieved were least favourable in North Malabar, where only 34 per cent. of the area conserved escaped fire, and in Kurnool, Kistna, Bellary and Vizagapatam, where the percentage burnt was 23, 15, 13 and 13, respectively. Special reasons for the comparative failure of fire conservancy in these districts are given in paragraph 33 of the report. The Government notes that the inadequacy of establishment/was one factor leading to the exceptionally poor results in North Malabar.

16. *Grazing.*—Information relating to this branch of the administration is contained in paragraphs 34, 45 and 46, Appendix F and Form No. 52. The manner in which grazing is regulated is explained in paragraph 34, from which it appears that the leasing system is now confined to small areas situated in four districts. The Government notes that the desirability of making provision for goat-browsing is occupying the attention of Collectors and desires that the scheme* advocated by Mr. Popert may be given as extensive application as may be practicable. From the information contained in Appendix F, it would appear that goats have hitherto been almost entirely excluded from reserved forests and reserved lands. This is doubt desirable if the interests of forestry alone be considered, but the Government looks to the Board to impress upon Forest-officers the paramount importance of administering the areas under their charge so as to conduce to the convenience of the ryot population. Goats are, no doubt, most destructive to forest growth, but in localities where free grazing areas are inadequate, goat-browsing should, in the absence of very strong reasons to the contrary, be permitted within reasonable limits and subject to proper control. Appendix F should be totalled in future reports and should, if possible, contain more complete information; the return compares favourably with that appended to the previous report, but the particulars required for entry in columns 5 and 6 have not been supplied in the case of many districts.

* Vide Board's Proceedings, No.-602, dated 11th October 1895.

The grazing revenue of the year was the highest on record amounting to Rs. 3,40,496, or Rs. 12,203 more than in the preceding year. There has been a continuous advance in receipts since 1892-93 when the income derived from this source was little more than half the present figure. The increase is ascribed to more efficient control and improvement in the methods of collection. The fees charged are little more than nominal and the relatively small advance † in the number of cases of illicit grazing would seem to show that the improvement in revenue does not involve additional harassment to the agricultural population. Of the several districts, Kistna, as usual, contributed the largest amount of grazing revenue (Rs. 76,596), Cuddapah (Rs. 41,244), and Salem (Rs. 36,719) coming next. As compared with the previous year, there was a marked increase in the two districts last mentioned and Bellary, ascribed chiefly to

†	Year.	Grazing revenue.	Cases of illicit grazing.
		RS.	
1893-94		2,66,891	3,655
1894-95		3,28,293	3,654
1895-96		3,40,496	3,829

Salem (Rs. 36,719) coming next. As compared with the previous year, there was a marked increase in the two districts last mentioned and Bellary, ascribed chiefly to

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improved supervision. The districts characterized by a material decrease were Kistna, North Arcot and North Coimbatore. The decrease on Kistna was due to special causes unconnected with the working of the parcellaire system which has been attended with such success that the Board has been requested to report on the advisability of extending the system to other districts. i/s

17. *Improvement of Forest growth.*—From paragraph 35 of the report it appears that natural reproduction was generally satisfactory in the absence of damage due to forest fires or to uncontrolled grazing. The Government notes that a useful experiment has been inaugurated in the Cuddapah district for the purpose of estimating the comparative success of coppicing with and without protection from fire and goats. The area under regular plantations was 18,067 acres against 22,620 in the previous year, and the expenditure thereon rose from Rs. 33,298 to Rs. 34,070. It is satisfactory to notice that active steps were taken to promote the cultivation of dates and palmyras in the Ceded districts. Casuarina plantations were on the whole fairly successful, except in North Arcot, where for reasons which have not been ascertained, the plants suddenly die off though progressing favourably at the outset. Much interesting information regarding the experimental cultivation of exotics is given in paragraph 38 of the report. n

18. *Gross yield and outturn of forest produce.*—The following table exhibits particulars under this heading during the last five years :—

	Timber including sandalwood.	Fuel.	Bamboos.	Minor produce (gross value).
	C. FT.	C. FT.	NO.	RS.
1891-92	3,086,937	13,987,173	31,150,765	6,40,842
1892-93 (15 months)	2,966,556	12,138,565	20,779,393	8,03,255
1893-94	3,072,496	12,184,996	25,304,261	7,89,661
1894-95	2,777,658	12,025,734	29,793,195	8,81,070
1895-96	2,907,046	13,739,385	33,725,819	10,79,866
Increase or decrease in 1895-96 as against 1894-95.	+ 129,388	+ 1,713,651	+ 3,932,624	+ 1,98,816
Percentage of increase or decrease above mentioned.	+ 4.6	+ 14.2	+ 13.2	+ 22.6

Caps. like the kind of those

Paragraphs 49 to 52 of the report detail the extent and cost of departmental and private working. The cost of collection by departmental agency varied but little from the figures of the previous year, but the rate of profit was generally lower. Private working is gradually taking the place of departmental operations, but as pointed out in paragraphs 51 and 52, it is necessary to retain the latter agency in certain cases. The following table compares the relative profits derived under each system during the past two years :—

The increase in fuel & bamboo is seen in the following table showing that the profits are being better supplied owing to forest operations

	1894-95.	1895-96.
<i>Departmental working.</i>	RS. A. P.	RS. A. P.
Timber, per cubic foot	0 3 9	0 2 7
Fuel, do.	0 0 2	0 0 1
Bamboos, each	0 0 9	0 0 5
Sandalwood, per cubic foot	8 6 7	3 13 10
Minor produce, per maund	0 0 8	0 5 1
<i>Private working.</i>		
Timber, per cubic foot	0 1 1	0 1 4
Fuel, do.	0 0 4	0 0 5
Bamboos, each	0 0 1	0 0 1
Grazing, ...	2,55,254 0 0	2,73,330 0 0
Minor produce	4,09,672 0 0	5,74,740 0 0
Net profits		

and as suggested by the Board, the departmental working has been advanced over private working, that it can be more immediately directed to the supply of the wants of the Government. The profit is sometimes in the one but the main element in the other.

From the particulars given in Forms 55 and 56 free grants of forest produce appear to have been much more frequently than in the previous year. The Government trusts that this is an indication that District officers are making more liberal use of the powers given them by section 104 of the Forest Code.

19. FINANCIAL RESULTS.—The financial results of the year's working are compared with those of the two previous years in the following statement:—

	Northern Circle.			Central Circle.		
	1893-94.	1894-95.	1895-96.	1893-94.	1894-95.	1895-96.
Receipts	Rs. 6,04,314	Rs. 6,09,343	Rs. 7,23,859	Rs. 7,76,451	Rs. 7,97,546	Rs. 9,39,733
Charges	3,26,719	3,69,870	3,83,877	5,35,276	5,44,038	5,60,995
Surplus or deficit	+ 2,77,595	+ 2,39,473	+ 3,39,982	+ 2,41,175	+ 2,53,508	+ 3,78,738

	Southern Circle.			Total (all Circles).		
	1893-94.	1894-95.	1895-96.	1893-94.	1894-95.	1895-96.
Receipts	Rs. 5,62,950	Rs. 5,70,293	Rs. 5,04,038	Rs. 19,43,715	Rs. 19,77,182	Rs. 21,67,630
Charges	5,06,416	5,40,390	5,24,116	13,68,411	14,54,298	14,68,988
Surplus or deficit	+ 56,534	+ 29,903	- 20,078	+ 5,75,304	+ 5,22,884	+ 6,98,642

The revenue derived during the year under review was the highest on record and the surplus of receipts over expenditure was also larger than in any previous year. The causes of the variations in the figures for the past two years are concisely set forth in paragraph 55 of the report, which, however, does not explain how operations in the Southern Circle came to result in a deficit. The Board will now be requested to submit a special report with regard to this matter.

20. FOREST ADMINISTRATION.—The concluding chapter of the report deals with the principal administrative changes introduced or under consideration during the year, of which the most important ^{was} the change in the system of crediting revenue from trees on reserved lands, the extension of the powers of Conservators, the re-organization of the subordinate ^{and} clerical establishments, and the decision to make the bulk of the extensive Anaimalai forests available for planting purposes. Sanction has just been received for the re-organization of the subordinate staff, to which improvements made in paragraph 67 of the report, and the Government trusts that the improvement in the strength, pay and prospects of this portion of the establishment will materially enhance the efficiency of the administration and will do much towards removing those defects and short-comings, which in this and in previous reports have been justly ascribed to inadequacy of establishment and the slowness of promotion.

The statement contained in paragraph 63 of the report obviously fails to furnish full particulars regarding the districts visited by Conservators, but their touring and that of District Forest-officers appears as usual to have been adequate and the Government is pleased to notice that the inspection of Range offices was carried out with exceptional thoroughness. The conduct of the subordinate staff, and especially that of the poorly-paid protective branch, left much room for improvement; the only way in which this can be effected is by close and unremitting supervision on the part of the superior officers and the infliction of exemplary punishments in all cases of proved corruption or oppression. The attention of the Board of Revenue has, in a separate order, been drawn to this matter.

Paragraph 58 deals briefly with the working of the general rules framed under section 26 of the Madras Forest Act and introduced in 1894, but the Government considers that it would be premature to draw any conclusions on the subject until it is in possession of the fuller information, which will presumably be embodied in the next report on the administration of the department.

In future reports the Board is requested to specifically consider in the portion of its report how far the working of the Dept during the year had furthered the main ends of forest administration viz the improvement of forest growth and the supply of forest produce to meet the wants of the people.

Mr. Munce

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No. , REVENUE,

APRIL 1897.

21. *Form of the report.*—The change in the arrangement of the report has already been referred to in paragraph 2 *supra*. It is in accordance with the provisions of the revised Forest Code which ~~are also responsible for~~ the inclusion of certain statements not furnished in previous years. The result is a material increase in the volume of the report, which is just double the length of that for the previous year. The letter-press is only seven pages longer and this increase is accounted for by the inclusion therein of information regarding natural and artificial reproduction, operations for the improvement of forest growth and experimental cultivation, which was formerly relegated to a separate appendix. The reason for the increase in the length of the report must therefore be sought for in the appendices, which appear to be unnecessarily voluminous. Thus, the first two pages of Appendix A might have been compressed into one, the whole statement appearing in *one* opening. Appendix F and Form 52, which relate to the same matter, are separated by 83 pages, and such information as is required on the subject might with advantage be shown in one statement; Form 52, it is noted, is an addition. Forms 44-A and 44-B might be printed on one page instead of two. Form 44-C, which is an addition, covers no less than 35 pages, and it is questionable whether the detailed particulars given therein are of sufficient importance to warrant their inclusion in the annual administration report. The same remarks apply to Form 45, which takes up 18 pages, while Form 49 enters into unnecessary detail regarding the construction, maintenance and repair of communications and buildings, taking up 14 more pages than Appendix H in the previous report which, however, relates only to new works and *gave* no details of the outlay incurred. The substitution of details for mere totals in the statement showing the area protected from fire (Form 51) extends that return from one to five pages, while the detailed list of plantations and topes (Forms 53 and 54) occupy ten more pages than the summaries given in the previous report (Forms 60 and 61). The statistics regarding outturn (Forms 55 and 56) and departmental collections and sales (Form 57) also occupy considerable additional space, and the appendices have been further amplified by the inclusion of two returns (Forms 72-A and 72-B) which the Code, as revised, does not prescribe. A revision in the printing would materially shorten the receipt portion of Form 59, and Form 65 might be abbreviated by placing in parallel columns the figures relating to the capital and revenue accounts of the year under report and that preceding it, annas and pies being omitted, if necessary, in order to provide space.

The foregoing remarks indicate means of reducing the volume of the report; but before issuing definite orders on the subject, the Government desires to be placed in possession of the Board's views as to the nature of the omissions and the alterations in printing which can, with advantage, be directed. Such modifications will, no doubt, entail a revision of Part IV of the revised Forest Code in certain respects, but this is immaterial. The serial order of the various appendices might also be improved so as to bring it more into harmony with the arrangement of the letter-press. The length of the present report is almost entirely the direct result of compliance with instructions contained in the Code, and in the criticisms which have just been made the Government does not, of course, desire to find fault with the manner in which the report has been drawn up. On the contrary, Mr. Popert is entitled to praise for the care with which it has been prepared.

22. *Conclusion.*—Satisfactory progress has been made in almost every branch of the administration, and the thanks of Government are due to the Board of Revenue and to the officers of the department for the excellent results achieved during the year.

(True Extract.)

(Signed) G. STOKES,
Ag. Secretary to Government.

To the Board of Revenue (Land Revenue).
" the Accountant-General.

Endorsement No. 370A.

Copy to the Government of India, Revenue and Agricultural Department.

(Signed) G. STOKES,
Ag. Secretary to Government.

Exd. T. K. Narayana Aiyangar.
Copies.

Reynolds

9-12

NOTE FOR THE SECRETARY.

370-3708
21-5-97

The synopsis of H.E.
has now been
embodied in the draft
review as under.

Para 1 #

File please
addition of
para 20
of review

Para 2.

The no addition
seems necessary
the remarks
with to home
in mind when
the Budget
comes up.

Para 3.

Please see
para 13 of
the review

Para 4

Please see
para 18 above

H.E. has not initialed
the draft review but
in his own accepts it
subject to the remarks
made.

Submits that the
review as amended
may issue
20/5/97

Forest Review.

Mr. Davidson's review leaves little to be said.

I would only call attention to the following points or submit the following remarks:-

- (1) Settlement seems to be hanging fire; it must be remarked that the frequent changes of officers throw back the work very markedly.
- (2) Adequacy of reservation is not touched on; but Mr. Davidson's remarks in the review show that it had probably received attention.
- (3) Demarcation is almost complete & is progressing satisfactorily.
- (4) Survey is progressing well.
- (5) The work of preparing working plans is not really being taken up at all.
- (6) Of forest crimes, half of the whole of it is in the central circle and half of the crime in that circle is illicit grazing. Hence the grazing revenue is going up largely & Salem shews, among other districts, a large increase. In regard to this matter, I would observe that the duty of protecting forests may or may not be right

The Report gives a useful history of the details of the year's work. That work is, however, merely a means for attaining two ends, - viz. (1) the improvement of the Forest growth, and (2) the ready and cheap supply of the wants of the people. These are the two purposes for which the Forest Department exists, - and I cannot find in the report any clear statement of how far these purposes have been furthered by the working of the Dept. During the year to which the Report relates, the future reports, this most most important matter should be fully dealt with. The questions which the report should answer may be stated as follows:- (1) By reason of the Forest Department's control, is the forest growth improving?

but it is certainly the duty of the forest subordinates to prevent grazing without payment. There is always a certain amount of abuse of their powers & of complaint thereat but when complaint against the Forest Dept. is specially rife, it only means that the forest subordinates are doing what they are paid for.

The fact that the proportions of cases ending in withdrawal or acquittal is high, is not, I think, of importance.

As far as my experience goes when a case is compounded after a complaint is lodged it is a withdrawal. But when it is compounded before any complaint has been lodged, then it is shown as compounded.

Thus the fact of withdrawal means nothing except perhaps a difference of procedure

by the forest officials & perhaps slightly more control by the D.F.O. where composition is largest.

One result of this is that the whole number of cases viz., 9402 must be regarded as true

the number of acquittals is about 8 per cent. Further as the Board says the difficulty of proving the contested cases is very great. The percentage must be reduced very much further therefore be-

improving? - (2) They mean in the Forest Department's working, are the wants of the reports being more readily and cheaply met?

Unless these two questions can be answered in the affirmative, it cannot be held that the Forest Department's existence or the Forest Department is justified.

The information I ask for should find a place in Chap. V of the Report, "Forest Administration".

2. The work of the year seems to have been, on the whole, good. The surplus (nearly 7,00,000) is considerable. Some of this will, no

doubt, be expended in the re-organization of the staff subordinate staff. A good deal of it should find its way back into the Forests, in the shape of improved communications, building, plantations and the like.

3. Para. 13 of the Review seems to depreciate expenditure on buildings. I think there is a mistake, which is worthy correction, in the figures. If our Forest Officers are meant to have their Forests, we must pay for them as far as we can from the bad effects of exposure by providing them with suitable habitations.

I can't myself see that it should be more difficult to prove Forest than Salt or Akari cases, in which latter the percentage of convictions is much higher.

4. Turned to after the words "in certain cases" in para. 15, the following:- "and as my

by the Board, Departmental working has this advantage over private working, that it can be more immediately directed by the Board's wants, and to the improvement of the Forest. Though private working is likely to be more economical in the one, but the saving element is in the other."

I have generally & have para 14
26/4/97
BS
? Square miles
BS
with the above observations, I submit the Review.
24th 19.5.97

Important, I should keep costs out
BS
27/4/97

Yes. is suggested in para 16 of the Review. I have proposed that a clause should be inserted in para 14
BS
26/4/97
24th 19.5.97

Yes. this should be noted in the 90
H.M. has made the necessary alterations
BS
26/4/97
24th 19.5.97

fore we can say that we have got the correct number of really false cases. I submit that 20 per cent is a

"moderate" figure. Especially remembering the way the percentage is obtained.

It is a much higher percentage of success than Police work shows.

Only 2348 acres were closed to grazing out of 19078 or about 1/8 of the whole extent.

The provision for goat grazing is a matter which I submit, requires pushing. Forest officers have got into the

habit of excluding the goat and it is very difficult to get them to admit it to the forests. The goat, however, is the

poor man's cow and the present policy and arrangements are very likely to end in the extinction of the animal.

The increase in the output of fuel and bamboos is satisfactory as showing that the wants of the people are being better supplied owing to forest operations.

It is noteworthy that the departmental operations show so much higher profit than private working. The question really is, however, at what price the produce is made available to the consumer. To this the figures give no clue.

It is not possible to say how far
the increased receipts have been robbed
from Land Revenue. The Board's orders re-
ferred to in para. 56 are ^{an evasion of} ~~contrary to~~ the
orders of the Govt. of India, unless the
latter have lately been modified.

Handwritten signature/initials

Handwritten notes:
+ Clipped 91
Vide (1) para 2 of Govt of India
letter No 1120 F dated 28th
Read in G.O. No 9 Rev da
18th Jan 1897 - 7 Clipped
(2) para 1 of G.O. of
dated 18th July 1893 -
I do not see that this was
"ex. as in" to was approved
Govt. & it seems wrong
26/

Government {1897} of Madras. REVENUE.

Recd. } 1897. Enclosures
Regd. } Spare copies

G.O., Nos. 370, 370A, 21st May 1897.

MAY.

Forest Administration Report.
Reviewing the — of the Madras Presidency for 1895-96.

GOVERNMENT OF MADRAS.

REVENUE DEPARTMENT.

READ—the following Proceedings of the Board of Revenue (Land Revenue), Forest No. 539, dated 1st December 1896:—

Resolution—Forest No. 539, dated 1st December 1896.

The Board resolves to submit to Government the progress report of Forest Administration in the Madras Presidency for the year ending 30th June 1896.

2. As in the previous year the report has been prepared by Mr. Popert, the Senior Conservator of Forests, who is stationed at Madras and from whom the Board has also received the most valuable and cordial assistance in the disposal of current business throughout the year. The several chapters of the report have been arranged in the order prescribed by section 259 of the Revised Forest Code.

3. The Board regrets the delay in the submission of the report. It is due to the fact that the Code forms were newly introduced during the year and that their preparation has not, in several cases, been correctly understood in District Forest offices, so that much time was taken up in checking the returns in the Board's office and obtaining revised figures where necessary. The districts most to blame are Malabar (North) and Cuddapah.

(True Copy and Extract.)

(Signed)

R. C. C. CARR,
Secretary.

To the Secretary to Government, Revenue Department,
with three copies of the Administration Report.

ORDER—No. 370 Revenue, dated 21st May 1897.

Forest No. 81.

With its Proceedings read above, the Board of Revenue submits its report on the administration of the Forest Department for the year ending 30th June 1896.

2. The final copy of the report did not reach the Government office until the 16th of December, or a full month after the prescribed date and even this was incomplete, for the usual table of contents was not prefixed thereto; the omission should be remedied before bound volumes of the report are issued. The delay is ascribed to the time taken up in checking and revising the statistical returns received from district forest offices, inasmuch as the introduction during the year of the new forms prescribed in the Revised Forest Code led to the occurrence of an unusual number of mistakes. The explanation is accepted, but the Government must request the Board to arrange for the punctual submission of the report in future. This is particularly necessary, since if, as on the present occasion, the report is not received until the month of December is far advanced, its review in the Government office is delayed by the accumulation of arrears during the Christmas holidays. The report, which was again drawn up by the Senior Conservator, Mr. E. P. Popert, differs materially in arrangement from those submitted in previous years owing to the adoption of the division of subjects indicated in section 259 of the Revised Forest Code. The same reason accounts for the change in the form of this review.

3. EXTENSION AND CONSTITUTION OF STATE FORESTS—*Alteration of area.*—The subjoined statement compares the areas of reserved forests and reserved lands at the commencement and close of the year under report:—

	Area on 1st July 1895.	Area added during 1895-96.	Area excluded during 1895-96.	Net increase or decrease.	Area on 30th June 1896.
Reserved forests	SQ. MLS. 11,466	SQ. MLS. (a) 1,086	SQ. MLS. (c) 164	SQ. MLS. + 922	SQ. MLS. 12,388
Do. lands	7,324	(b) 550	(d) 1,184	— 614	(e) 6,690
Total	18,790	1,636	1,348	+ 288	19,078

(a) Including an addition of 228 square miles due to rectification of area (227) and the rounding off of fractions (1).

(b) „ an addition of 35 square miles due to the same causes as set forth in (a).

(c) „ a reduction of 156 square miles due to the rectification of area and of 8 square miles disafforested.

(d) The details of reduction are as under:—

48 square miles due to rectification of areas.
81 do. excluded at settlement.
858 do. notified as reserved forests.
196 do. abandoned.
1 square mile rounding of fractions.

(e) Of this area, 1,957 square miles were lands declared reserved by Collectors and 4,733 square miles had actually been brought under the operations of Chapter II of the Act.

A noticeable feature in the figures is the large variation due to rectification of area which accounts for an addition of 227 square miles and an exclusion of 156 square miles in the case of reserved forests. These changes appear to have been largely due to the more accurate computation of areas from the maps prepared by the Survey of India party. The statement given in paragraph 2 of the report (Abstract B) shows the extent under control as amounting to 21.43 per cent. of the total area of Government lands and to 36.8 per cent. of the unoccupied portions thereof. These figures differ materially from those given in the report for the previous year, namely, 19.7 and 31.8 per cent, respectively. The increase in the percentage is, however, mostly fictitious, being almost entirely due to the correction of mistakes in the statistics given in the report for 1894-95. In paragraph 5 of the review thereof the Government noticed the apparent inaccuracy of the figures and commented upon the fact that statistics were reported not to be available in the case of 17,962 square miles or nearly 20 per cent. of the total area of Government lands, whereas in the previous year the extent for which details were not furnished was under 5,000 square miles. A further variation was noticed in the figures given in column 3 of the abstract, from which it appeared that the total area, excluding zamindari and whole inam villages, had risen from 86,380 to 95,104 square miles. The Settlement Department of the Board was requested to explain these discrepancies and has since reported that "the greater portion of increase noticed by Government in the area excluding zamindari and whole inam villages, and more than half the increase in the area for which returns are not available" were due to the erroneous inclusion in the report for 1894-95 of the area of minor inam lands in Government villages. A detailed explanation of the remaining differences was furnished, and it was pointed out that the "area for which no returns were available" consisted of (1) Agency tracts, (2) unsurveyed villages or portions of villages, and (3) differences between traverse areas and field survey areas. The exclusion of the second of these items (with reference to the concluding paragraph of the Board's Proceedings read in G.O., No. 2512, Revenue, dated 24th June 1895, in which district officers were instructed to include in their returns rough estimates of the unsurveyed areas), the collection of approximate information regarding a portion of the Agency tracts in Ganjam and Gódvári, and the rectification of the mistakes made in the previous report has now reduced the area for which returns are not available to 4,024 square miles. Abstract B in the report under review, though an improvement on the corresponding statement for the previous year, is, however, not free from defects. There are trifling unexplained variations in the figures shown in column 2 against the districts of Salem, Malabar and Madura; the heading of column 3 does not indicate the exclusion of minor inams in Government villages; and, by what is presumably a mistake in printing, foot-notes (c) to (f) appear to

relate merely to the district of Ganjam, whereas it should have been made clear that the explanations given therein apply to the figures shown against each district in columns 3 to 6.

4. Paragraph 4 of the report contains a statement showing approximately the area eventually to be declared reserved forest. This amounts to 19,853 square miles or 22.31 per cent. of the total area of Government lands and 38.28 per cent. of the unoccupied portion thereof. It is anticipated that 1,019 square miles still require to be brought under the Forest Act, and the remaining area—18,834 square miles—is either already reserved or comes under the category of reserved lands. These figures do not tally with those given in Abstract A in which the area brought under the Forest Act on 30th June 1896 appears as 19,078 square miles. As the Board describes the statement in paragraph 4 as the *latest* estimate, the Government presumes that the difference of 244 square miles is due to disafforestation or abandonment taking effect subsequent to that date.

5. *Forest Settlement.*—The outturn of forest settlement work as gauged by the area notified as reserved with effect from dates falling within each of the past five years is shown below :—

	1891-92.	1892-93 (15 months).	1893-94.	1894-95.	1895-96.
Outturn	SQ. MLS. 2,063	SQ. MLS. 2,261	SQ. MLS. 1,350	SQ. MLS. 680	SQ. MLS. 922

There was thus an apparent increase over the unusually low outturn of 1894-95, but closer examination shows that there was no real improvement, for the area in respect of which final notifications under section 16 of the Forest Act were actually issued during 1894-95 was 913 square miles, as compared with 808 square miles in the year under report. These figures are a better criterion of the results than those given in the foregoing statement, which includes increases due to mere rectification of area and excludes the extents finally notified in each year, as reserved with effect from some early date in the following year. The fall in the outturn as compared with that of 1894-95 is apparently to be ascribed to the absence of three of the four special settlement officers on leave or transfer during the last quarter of the year and to the slow progress made by revenue divisional officers entrusted with forest settlement work. As compared with the outturn in and prior to 1892-93 there has been a still more marked decline in the rate of progress which, as was explained in the last review, is due to the fact that the forest blocks settled in former years were large to be devoted to "smaller reserves situated in the neighbourhood of cultivated tracts and more or less encumbered with communal or private rights."

6. If the extent ultimately to be brought under control be taken at 19,853 square miles, the area in respect of which final notifications had yet to be issued at the close of the year 1895-96 was 7,154 square miles as shown below :—

(i) Notified under section 4	SQ. MLS.
(ii) Reserved lands not brought under settlement	4,422
(iii) Further selections	1,957
	775 *
Total	7,154

Of the 4,422 square miles forming item (i), 1,675 had been actually settled and the final reports relating thereto were either under the consideration of Government or the Board or under reference to the district officers; 732 square miles had been settled but not reported upon, and the balance—2,015 square miles—was pending with forest

* These figures differ from those given in paragraph 4 of the report, where the further selections are estimated at 1,019 square miles. This is due to the absence of details of the area shown in that paragraph as "brought under the Forest Act," and the consequent necessity of taking the particulars of items (i) and (ii) from paragraph 5. Item (iii) represents the balance.

settlement-officers in various stages of settlement. Adding to the last item the areas not yet notified under section 4, the total extent requiring actual settlement was 4,747 square miles. It has been recognized that revenue divisional officers cannot devote sufficient attention to this class of work and the Secretary of State has sanctioned the appointment of a fifth special settlement-officer, with special reference to this fact and to the desirability of expediting the completion of forest settlement operations. The rate of progress during the past year has, however, been so slow that the Government doubts whether it was not unduly sanguine in anticipating, in paragraph 6 of the last review, that the work of forest settlement would be brought to a

	Area in respect of which	
	settlement reports were submitted.	final proclamations were issued.
1893-94	SQ. MLS. 938	SQ. MLS. 742
1894-95	1,136	566
1895-96	767	325

close by the end of the year 1900. As the marginal figures show, there was a serious falling off in the area for which the forest settlement-officers submitted settlement reports and proclaimed final notifications. During the past three years, four special settlement-officers have submitted final settlement reports on an area of 2,841 square miles. At the same rate of progress with an additional officer, it should take four years to complete the actual settlement of the 4,747 square miles pending on 30th June 1896, but the scrutiny exercised in the Board's office, together with the frequent necessity of sending forest settlement papers back for revision, would no doubt postpone the issue of final notifications under section 16 of the Forest Act to a date considerably later than 30th June 1900. It is therefore most important that the rate of progress should be accelerated, if this is possible without detriment to the quality of the work, and the Board of Revenue will be requested to devote unremitting attention to the matter. The quarterly reviews of the outturn of forest settlement work furnish an excellent opportunity of scrutinizing the work of the special settlement-officers;—and of this the Board already avails itself. The slow progress is, however, often due to causes beyond the control of these officers; thus, there is not unfrequently avoidable delay on the part of the ordinary executive staff of the districts in replying to calls or references relating to settlement operations. The Board cannot too strongly impress upon Collectors and District Forest-officers the necessity of dealing promptly with such matters and of giving all the assistance in their power to special settlement officers employed within the limits of their districts.

7. Turning to the work of revenue divisional officers, the Government observes that as usual but little progress was made, and regrets to notice that one officer, who has since retired, is reported to have entirely neglected this branch of his duties. The total area disposed of by revenue officers was only 58 square miles against 140 in the previous year, but the decline in outturn was no doubt largely due to the transfer of forest blocks to the charge of special settlement-officers.

8. A satisfactory feature of the year's settlement work as compared with that of 1894-95 was the disposal of long pending blocks. The number of blocks still under settlement which had been notified under section 4 in and prior to 1889-90 was reduced from 107 to 76, and from paragraph 7 of the report it appears that a large proportion of the balance was approaching completion of settlement. The subject is, however, one to which the Board must continue to devote special attention. It is observed that Appendix A includes three blocks notified under section 4 in the year 1883-84, which were not shown in the corresponding returns for the previous year, and that numerous other alterations have been found necessary both in regard to the number and area of the blocks shown as notified in particular years. The explanation given in the foot-note—"rectification"—presumably means not merely the rectification of area, but also the correction of mistakes made in the previous returns. In two instances the area of the blocks shown as pending settlement has not been entered in the statement.

9. The Board does not discuss the adequacy of reservation, but the statement contained in paragraph 4 of the report furnishes approximate information as to the

proportion of unoccupied Government lands which will ultimately come under reservation, and paragraph 11 shows that selections for further reservation have been completed in most districts. The adequacy of the final proposals submitted by the Board has been considered in each individual case, and no material extension of forest areas beyond the limits for the time being approved is ever likely to become feasible. While however, satisfactory progress was made with new selections, the area (442 square miles) actually notified under section 4 of the Forest Act was particularly small. It is desirable that new selections should be brought under settlement with expedition, but, for the present, delay is of less moment in view of the fact that the forest settlement-officers have already quite enough work to occupy them for a considerable time to come. The preparation of initial notifications under section 4 should, however, not be delayed on this account.

10. *Demarcation*.—The following statement compares the outturn of demarcation work under its various heads during the past three years:—

	Preliminary.			Permanent.			Re-clearing of old lines.		
	1893-94.	1894-95.	1895-96.	1893-94.	1894-95.	1895-96.	1893-94.	1894-95.	1895-96.
Northern Circle.	MLS. 1,474	MLS. 896	MLS. 664	MLS. 404	MLS. 499	MLS. 855	MLS. 152	MLS. 270	MLS. 597
Central Circle ..	1,423	1,527	543	1,584	1,542	1,117	815	991	3,912
Southern Circle.	585	798	272	367	230	217	740	171	193
Total ..	3,482	3,221	1,479	2,355	2,271	2,189	1,707	1,432	4,702
Average cost per mile ..	RS. A. P. 2 7 1	RS. A. P. 2 5 2	RS. A. P. 2 13 6	RS. A. P. 11 0 9	RS. A. P. 9 0 10	RS. A. P. 8 14 7	RS. A. P. 7 14 5	RS. A. P. 6 13 11	RS. A. P. 2 8 4

The marked fall in the amount of preliminary demarcation is accounted for by the satisfactory explanation that in most districts but little work of this description remains to be done. From the figures given in Form No. 46 at page lxxv of the appendix, it would appear that demarcation generally is in an advanced state, for out of a total length of boundaries amounting approximately to 30,631 miles, it is reported that at the close of the year all but 3,767 miles either had been demarcated or required no artificial delimitation in consequence of the existence of well defined natural boundary marks. Paragraphs 15 and 16 of the report read with Form No. 46 contain sufficient explanation of the variations in the cost and amount of both preliminary and permanent demarcation as compared with the previous year, but the Board does not account for the large increase in the extent of old lines re-cleared, or for the striking fall in the cost of re-clearance. This should now be briefly explained.

11. *Survey*.—As the marginal statement shows, the work of the Survey of India Party was as satisfactory as in the preceding year, when the outturn reached the highest recorded figure and the cost per square mile was lower than it had ever been before. The total area topographically surveyed at the close of the year under report was 5,110 square miles, and now that a second party has been deputed to work in the Madras Presidency, an annual outturn of nearly 2,000 square miles may be expected, which, as the Board remarks, should bring the completion of forest surveys within a measurable distance.

A certain amount of work was also done by the departmental staff of temporary surveyors and draughtsmen; but, from the information contained in the report, no satisfactory comparison can be instituted between the work executed during the year under review and that carried out in previous years. Operations appear to have been particularly active in the Northern circle, where the progress made is described as satisfactory except in Bellary; no work of this nature appears, however, to have been taken on hand in Gódvári. In the Southern and Central Circles there was less

activity in this direction owing, no doubt, to the fact that the Survey of India Parties have already covered much of the ground and will shortly take up the survey of further areas.

Appendices D and E embody particulars regarding the steps taken to prepare and maintain the various classes of maps prescribed in section 81 of the Forest Code. The former statement, however, does not contain full information, owing to the failure of district officers to comply with the instructions laid down in paragraph 8 of the last review; the Government notes that the Board has called their attention to the matter and trusts that the next report will not give room for a similar comment. Appendix E, as in the previous year, is marred by unexplained discrepancies; thus the area for which final maps are said to have been prepared in North Coimbatore is shown as 17 square miles, whereas the entry in the return for 1894-95 is 859 square miles. The foot-notes to the appendix show that more than one Collector has failed to submit any information for incorporation in this appendix. The Government regrets to see that the explicit instructions given on the subject in the last review have been disregarded and must request the Board to intimate its disapproval to the officers concerned.

12. *MANAGEMENT OF STATE FORESTS—Working plans*.—As usual, the continuance of forest settlement operations and the inadequacy of establishments formed serious obstacles to progress in this branch of the administration; but the Government notes with satisfaction that the anticipation made in the report for 1894-95 has been realized. The information contained in paragraph 20 of the report now under review and in the statistical statement printed at page lxxviii shows that a number of simple working plans were framed and introduced during the year, and that progress was made in the collection of data for the preparation of future plans. The provisions of schemes actually in working appear as a rule to have been strictly adhered to, while the results obtained were on the whole satisfactory.

13. *Communications and Buildings*.—The total charges incurred on the construction and repair of communications and buildings amounted to Rs. 72,083 or Rs. 2,670 more than in the previous year. It is not altogether satisfactory to notice a decline in the outlay on communications; but this was no doubt, to some extent, due to the fact that a general scheme for the development of forest roads was under consideration during the year. The Board has subsequently reported that it is advisable to defer the introduction of any such scheme, pending further advance in the preparation of working plans. In this opinion the Government has expressed its concurrence in view of the impossibility of determining the most suitable alignment for roads in a reserve, the method of managing which has not been decided. Where, however, a working plan has been drawn up, or a road running in a particular direction is clearly desirable, whether for the exploration or for the management of a forest, there is no reason to delay expenditure on communications, and, as was indicated in paragraph 13 of the last review, this should, as a rule, have preference over outlay on buildings.

The working of the several tramways is discussed in paragraph 25 of the report and shown in detail in the statement printed at page cl. The results of the year's working cannot be regarded as altogether satisfactory, except in the case of the casuarina plantation in Nellore, where, as usual, a substantial profit is reported to have been realized. But, even on this line, there was a fall in the outturn, notwithstanding the absence of the special reason assigned for the large decrease in the preceding year. On the Sriharikóta tramway in the same district there was similarly a continuance of the decline in outturn noticed in the previous report, which might apparently be checked by the purchase of additional fuel wagons; the line, however, was worked at a slight profit. The working of the Cuddapah tramway was characterized by a considerable decrease in the work done, coupled with an increase in the cost of carriage, and though that in South Coimbatore showed a slight improvement under each of these heads, both lines were worked at a loss during the year. The reported profits and losses in working are, however, entirely based upon the estimated cost of transport by country carts, and an erroneous calculation of this item is liable to vitiate the conclusions drawn. It was for this reason that in paragraph 13 of the last review the Government suggested the inclusion in the report of a brief note explaining the data on which such estimates are framed. The suggestion has not been given effect to in the report now under review, but the Government notes that the

Board has instructed the Collectors concerned to pay special attention to the matter in future reports.

14. *Breaches of Forest Law.*—The following statement compares the number and disposal of cases relating to forest offences during the past three years:—

Years.	Number of cases for disposal.			Number of cases disposed of.				Number of acquittals.	Percentage of cases compounded to cases disposed of.	Percentage of acquittals to cases dealt with by the magistracy.
	Cases pending.	New cases.	Total.	Withdrawn.	Compounded.	Dealt with by magistrates.	Total.			
1893-94	1,965	10,007	11,972	794	5,309	4,231	10,334	919	51.3	41.6
1894-95	1,604	9,883	11,487	904	5,109	4,039	10,062	750	51.8	18.6
1895-96	1,365	9,610	10,975	1,009	4,531	3,835	9,402	750	48.2	20.6

* In consequence of the correction of mistakes subsequently discovered, these figures do not tally with the closing balances shown in the previous year's report.

There was thus an unsatisfactory increase in acquittals, which was common to all three circles. The percentage of cases withdrawn advanced concurrently from 9 to 10.7—a rise which is satisfactory, in so far as it can be ascribed to the more thorough scrutiny by superior Forest-officers of the evidence forthcoming, and the reverse as being indicative of want of care on the part of the subordinates responsible for the preliminary investigation. The prosecution of "under-aged boys" in Tinnevely would seem to show that sufficiently careful inquiries are not conducted in all districts before sanctioning prosecutions. As the Board is aware, the Government of India has recently laid stress on the advisability of devoting more care to the preparation of cases for prosecution and of refraining from prosecuting at all when the evidence seems insufficient. The results achieved in Vizagapatam go to show the possibility of effecting improvement by taking action in this direction, and the Government looks to the Board to see that District Forest-officers devote unremitting attention to the matter.

Turning to the various classes of forest offences, the Government notices a marked increase in cases of injury by fire, of which no fewer than 43 per cent. occurred in the single district of Madura, where the number of such cases rose from 9 to 41. The only other main head under which an increase occurred was illicit grazing; the districts in which the advance was most striking were Madura (+ 193), Cuddapah (+ 150), Salem (+ 96) and Kistna (+ 89). With reference to the explanation given in paragraph 28 of the report, the Board will be requested to state whether further provision cannot be made for goat-browsing in the Cuddapah district in accordance with the scheme approved in Board's Proceedings, No. 602, dated 11th October 1895.

The amount of compensation realized from the compounding of cases (Rs. 35,139) fell short of the abnormally high figure reached in the previous year (Rs. 44,618), the average amount per case declining from Rs. 8-12-0 to Rs. 7-7-6. With reference to paragraph 30 of the report, the Government observes that the Collector's report fully justified the Board's conclusion as to the necessity of restricting the illicit goat-grazing in the South Arcot district by imposing an enhanced pound fee. The special transit rules recently sanctioned for North Coimbatore should be efficacious in preventing the systematic theft of sandalwood alluded to in paragraph 31.

15. *Protection from fire.*—Taking the Presidency as a whole, the results of fire conservancy were very satisfactory, as the following table shows:—

	Area which it was attempted to protect from fire.	Percentage area successfully protected.	Average cost of protection per square mile.
1892-93	SQ. MLS.		RS. A P.
1893-94	5,100	95	13 2 3
1894-95	5,044	94	9 2 5
1895-96	4,979	94	8 7 11
	5,594	94	7 8 10

As will be seen, the continuous decrease in the rate of expenditure does not appear to have affected the success of the operations conducted. The results achieved

were least favourable in North Malabar, where only 34 per cent. of the area conserved escaped fire, and in Kurnool, Kistna, Bellary and Vizagapatam, where the percentage burnt was 23, 15, 13 and 13, respectively. Special reasons for the comparative failure of fire conservancy in these districts are given in paragraph 33 of the report. The Government notes that the inadequacy of establishments was one factor leading to the exceptionally poor results in North Malabar.

16. *Grazing.*—Information relating to this branch of the administration is contained in paragraphs 34, 45 and 46, Appendix F and Form No. 52. The manner in which grazing is regulated is explained in paragraph 34, from which it appears that the leasing system is now confined to small areas situated in four districts. The Government notes that the desirability of making provision for goat-browsing is occupying the attention of Collectors and desires that the scheme* advocated by Mr. Popert may be given as extensive application as may be practicable. From

* Vide Board's Proceedings, No. 602, dated 11th October 1895.

the information contained in Appendix F, it would appear that goats have hitherto been almost entirely excluded from reserved forests and reserved lands. This is desirable if the interests of forestry alone be considered, but the Government looks to the Board to impress upon Forest-officers the paramount importance of administering the areas under their charge so as to conduce to the convenience of the ryot population. Goats are, no doubt, most destructive to forest growth, but they are really wanted by the people and in localities where the free grazing areas are inadequate, goat-browsing should, in the absence of very strong reasons to the contrary, be permitted within reasonable limits and subject to proper control. Appendix F should be totalled in future reports and should, if possible, contain more complete information; the return compares favourably with that appended to the previous report, but the particulars required for entry in columns 5 and 6 have not been supplied in the case of many districts.

The grazing revenue of the year was the highest on record amounting to Rs. 3,40,496, or Rs. 12,203 more than in the preceding year. There has been a continuous advance in receipts since 1892-93 when the income derived from this source was little more than half the present figure. The increase is ascribed to more efficient control and improvement in the methods of collection. The fees charged are

Year.	Grazing revenue.	Cases of illicit grazing.
	RS.	
1893-94	2,66,891	3,655
1894-95	3,28,293	3,654
1895-96	3,40,496	3,329

little more than nominal and the relatively small advance † in the number of cases of illicit grazing would seem to show that the improvement in revenue does not involve additional harassment to the agricultural population. Of the several districts, Kistna, as usual, contributed the largest amount of grazing revenue (Rs. 76,596), Cuddapah (Rs. 41,244), and

Salem (Rs. 36,719) coming next. As compared with the previous year, there was a marked increase in the two districts last mentioned and Bellary, ascribed chiefly to improved supervision. The districts characterized by a material decrease were Kistna, North Arcot and North Coimbatore. The decrease in Kistna was due to special causes unconnected with the working of the parcellaire system, which has been attended with such success that the Board has been requested to report on the advisability of extending the system to other districts.

17. *Improvement of Forest growth.*—From paragraph 35 of the report it appears that natural reproduction was generally satisfactory in the absence of damage due to forest fires or to uncontrolled grazing. The Government notes that a useful experiment has been inaugurated in the Cuddapah district for the purpose of estimating the comparative success of coppicing with and without protection from fire and goats. The area under regular plantations was 18,067 acres against 22,620 in the previous year, and the expenditure thereon rose from Rs. 33,298 to Rs. 34,070. It is satisfactory to notice that active steps were taken to promote the cultivation of dates and palmyras in the Ceded districts. Casuarina plantations were on the whole fairly successful, except in North Arcot, where for reasons which have not been ascertained,

the plants suddenly die off though progressing favourably at the outset. Much interesting information regarding the experimental cultivation of exotics is given in paragraph 38 of the report.

18. GROSS YIELD AND OUTTURN OF FOREST PRODUCE.—The following table exhibits particulars under this heading during the last five years:—

	Timber including sandalwood.	Fuel.	Bamboos.	Minor produce (gross value).
1891-92	C. FT.	C. FT.	NO.	RS.
1892-93 (15 months)	3,086,937	13,987,173	31,150,765	6,40,842
1893-94	2,969,566	12,138,565	20,779,393	8,03,255
1894-95	3,072,496	12,184,996	25,364,261	7,89,661
1895-96	2,777,658	12,025,734	29,793,195	8,81,070
	2,907,046	13,739,385	33,725,519	10,79,888
Increase or decrease in 1895-96 as against 1894-95.	+ 129,388	+ 1,713,651	+ 3,932,634	+ 1,98,816
Percentage of increase or decrease above mentioned.	+ 4.6	+ 14.2	+ 13.2	+ 22.6

The increase in fuel and bamboos is satisfactory as showing that the wants of the public are being better supplied owing to forest operations. Paragraphs 49 to 52 of the report detail the extent and cost of departmental and private working. The cost of collection by departmental agency varied but little from the figures of the previous year, but the rate of profit was generally lower. Private working is gradually taking the place of departmental operations, but as pointed out in paragraphs 51 and 52, it is necessary to retain the latter agency in certain cases and as suggested by the Board, departmental working has this advantage over private working, that it can be more immediately directed to the supply of the ryot's wants and to the improvement of the forests than private working is likely to be, for profit is immaterial in the one but the main element in the other. The following table compares the relative profits derived under each system during the past two years:—

	1894-95.	1895-96.
<i>Departmental working.</i>		
Timber, per cubic foot ..	RS. A. P.	RS. A. P.
Fuel, do.	0 3 9	0 2 7
Bamboos, each	0 0 2	0 0 1
Sandalwood, per cubic foot	0 0 9	0 0 5
Minor produce, per maund	8 6 7	3 13 10
	0 0 8	0 5 1
<i>Private working.</i>		
Timber, per cubic foot ..	0 1 1	0 1 4
Fuel, do.	0 0 4	0 0 5
Bamboos, each	0 0 1	0 0 1
Grazing	0 0 1	0 0 1
Minor produce	2,55,254	2,73,330
Net profits	4,09,672	5,74,740

From the particulars given in Forms 55 and 56 free grants of forest produce appear to have been given much more frequently than in the previous year. The Government trusts that this is an indication that District officers are making more liberal use of the powers given them by section 104 of the Forest Code.

19. FINANCIAL RESULTS.—The financial results of the year's working are compared with those of the two previous years in the following statement:—

	Northern Circle.			Central Circle.		
	1893-94.	1894-95.	1895-96.	1893-94.	1894-95.	1895-96.
Receipts	RS.	RS.	RS.	RS.	RS.	RS.
Charges	6,04,314	6,09,343	7,23,859	7,76,451	7,97,546	9,39,733
	3,26,719	3,69,870	3,83,877	5,35,276	5,44,038	5,60,996
Surplus or deficit	+ 2,77,595	+ 2,39,473	+ 3,39,982	+ 2,41,175	+ 2,53,508	+ 3,78,738

	Southern Circle.			Total (all Circles).		
	1893-94.	1894-95.	1895-96.	1893-94.	1894-95.	1895-96.
Receipts	RS.	RS.	RS.	RS.	RS.	RS.
Charges	5,62,950	5,70,293	5,04,038	19,43,715	19,77,182	21,67,630
	5,06,416	5,40,390	5,24,116	13,63,411	14,54,298	14,68,938
Surplus or deficit	+ 56,534	+ 29,903	- 20,078	+ 5,75,304	+ 5,22,884	+ 6,98,642

The revenue derived during the year under review was the highest on record and the surplus of receipts over expenditure was also larger than in any previous year. The causes of the variations in the figures for the past two years are concisely set forth in paragraph 55 of the report, which, however, does not explain how operations in the Southern Circle came to result in a deficit. The Board will now be requested to submit a special report with regard to this matter.

20. FOREST ADMINISTRATION.—The concluding chapter of the report deals with the principal administrative changes introduced or under consideration during the year, of which the most important were the change in the system of crediting revenue from trees on unreserved lands, the extension of the powers of Conservators, the re-organization of the subordinate executive and clerical establishments, and the decision to make the bulk of the extensive Anaimalai forests available for planting purposes. Sanction has just been received for the re-organization of the subordinate executive staff, to which reference is made in paragraph 67 of the report, and the Government trusts that the improvement in the strength, pay and prospects of this portion of the establishment will materially enhance the efficiency of the administration and will do much towards removing those defects and short-comings, which in this and in previous reports have been justly ascribed to inadequacy of establishment and the slowness of promotion.

The statement contained in paragraph 63 of the report obviously fails to furnish full particulars regarding the districts visited by Conservators, but their touring and that of District Forest-officers appears as usual to have been adequate, and the Government is pleased to notice that the inspection of Range offices was carried out with exceptional thoroughness. The conduct of the subordinate staff, and especially that of the poorly-paid protective branch, left much room for improvement; the only way in which this can be effected is by close and unremitting supervision on the part of the superior officers and the infliction of exemplary punishments in all cases of proved corruption or oppression. The attention of the Board of Revenue has, in a separate order, been drawn to this matter.

Paragraph 58 deals briefly with the working of the general rules framed under section 26 of the Madras Forest Act and introduced in 1894, but the Government considers that it would be premature to draw any conclusions on the subject until it is in possession of the fuller information, which will presumably be embodied in the next report on the administration of the department.

In future reports the Board is requested to specifically consider in this portion of its report how far the working of the department during the year has furthered the main ends of forest administration, viz., the improvement of forest growth and the supply of forest produce to meet the wants of the people.

21. Form of the report.—The change in the arrangement of the report has already been referred to in paragraph 2 *supra*. It is in accordance with the provisions of the Revised Forest Code which have necessitated the inclusion of certain statements not furnished in previous years. The result is a material increase in the volume of the report, which is just double the length of that for the previous year. The letter-press is only seven pages longer and this increase is accounted for by the inclusion therein of information regarding natural and artificial reproduction, operations for the improvement of forest growth and experimental cultivation, which was formerly relegated to a separate appendix. The reason for the increase in the length of the report must therefore be sought for in the appendices, which appear to be unnecessarily voluminous. Thus, the first two pages of Appendix A might have been compressed into one, the whole statement appearing in one opening. Appendix F and Form 52, which relate to

the same matter, are separated by 83 pages, and such information as is required on the subject might with advantage be shown in one statement; Form 52, it is noted, is an addition. Forms 44-A and 44-B might be printed on one page instead of two. Form 44-C, which is an addition, covers no less than 35 pages, and it is questionable whether the detailed particulars given therein are of sufficient importance to warrant their inclusion in the annual administration report. The same remarks apply to Form 45, which takes up 18 pages, while Form 49 enters into unnecessary detail regarding the construction, maintenance and repair of communications and buildings, taking up 14 more pages than Appendix II in the previous report which, however, related only to new works and gave no details of the outlay incurred. The substitution of details for mere totals in the statement showing the area protected from fire (Form 51) extends that return from one to five pages, while the detailed lists of plantations and topes (Forms 53 and 54) occupy ten more pages than the summaries given in the previous report (Forms 60 and 61). The statistics regarding outturn (Forms 55 and 56) and departmental collections and sales (Form 57) also occupy considerable additional space, and the appendices have been further amplified by the inclusion of two returns (Forms 72-A and 72-B) which the Code, as revised, does not prescribe. A revision in the printing would materially shorten the receipt portion of Form 59, and Form 65 might be abbreviated by placing in parallel columns the figures relating to the capital and revenue accounts of the year under report and that preceding it, annas and pies being omitted if necessary in order to provide space.

The foregoing remarks indicate means of reducing the volume of the report; but before issuing definite orders on the subject, the Government desires to be placed in possession of the Board's views as to the nature of the omissions and the alterations in printing which can, with advantage, be directed. Such modifications will, no doubt, entail a revision of Part IV of the Revised Forest Code in certain respects, but this is immaterial. The serial order of the various appendices might also be improved so as to bring it more into harmony with the arrangement of the letter-press. The length of the present report is almost entirely the direct result of compliance with instructions contained in the Code, and in the criticisms which have just been made the Government does not, of course, desire to find fault with the manner in which the report has been drawn up. On the contrary, Mr. Popert is entitled to praise for the care with which it has been prepared.

22. *Conclusion.*—Satisfactory progress has been made in almost every branch of the administration, and the thanks of Government are due to the Board of Revenue and to the officers of the department for the excellent results achieved during the year.

(True Extract.)

(Signed) G. STOKES,
Ag. Secretary to Government.

To the Board of Revenue (Land Revenue).
„ the Accountant-General.

Endorsement No. 370A.

Copy to the Government of India, Revenue and Agricultural Department.

(Signed) G. STOKES,
Ag. Secretary to Government.

Exd. T. K. Narayana Aiyangar.

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