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ANNUAL

ADMINISTRATION REPORT

OF

THE FOREST DEPARTMENT

MADRAS PRESIDENCY,

FOR THE

TWELVE MONTHS ENDING 30TH JUNE 1896.

(1895-96.)

MADRAS:
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PROGRESS REPORT

OF

FOREST ADMINISTRATION IN THE MADRAS PRESIDENCY

FOR THE TWELVE MONTHS ENDING WITH 30TH JUNE 1896.

CHAPTER I.

EXTENSION AND CONSTITUTION OF STATE FORESTS.

(i) *Alteration of Area.*

The changes that have taken place during the year in the area of the State forests are given in Forms Nos. 44-A and 44-B. A comparative statement of reserved forests and reserved lands at the beginning and at the end of the year under report, as well as the changes during the year, is presented in the following abstract :—

ABSTRACT A.—Classes and areas of forests.

—	Area on 1st July 1895.	Added during the year.	Excluded during the year.	Net increase or decrease.	Area on the 30th June 1896.
Northern Circle.	SQ. MLS.	SQ. MLS.	SQ. MLS.	SQ. MLS.	SQ. MLS.
Reserved forests	3,835	(a) 100 (b) 311	(a) 108 (c) 3	+ 300	4,135
Do. lands	2,596	(a) 22 (e) 274 (h) 1	(a) 13 (f) 33 (g) 311 (c) 112	— 172	2,424
Total ..	6,431	708	580	+ 128	6,559
Central Circle.					
Reserved forests	4,594	(a) 42 (b) 521	(a) 48 (c) 3	+ 512	5,106
Do. lands	2,184	(a) 1 (e) 219	(a) 21 (f) 48 (g) 521 (c) 38	— 408	1,776
Total ..	6,778	783	679	+ 104	6,882
Southern Circle.					
Reserved forests	3,037	(a) 85 (b) 26 (d) 1	(c) 2	+ 110	3,147
Do. lands	2,544	(a) 11 (e) 22	(a) 14 (g) 26 (c) 46 (d) 1	— 54	2,490
Total ..	5,581	145	89	+ 56	5,637
Total.					
Reserved forests	11,466	(a) 227 (b) 858 (d) 1	(a) 156 (c) 8	+ 922	12,388
Do. lands	7,324	(a) 34 (e) 515 (h) 1	(a) 48 (f) 81 (g) 858 (c) 196 (d) 1	— 634	6,690
Grand Total ..	18,790	1,636	1,348	288	19,078

(a) Rectification of area.
(b) Transferred from reserved lands.
(c) Disafforested or unreserved.
(d) By rounding off fractions.
(e) Newly-constituted reserved lands.
(f) Excluded at settlement.
(g) Transferred to reserved forests.
(h) By rounding off fraction in the previous year's return.

There was a net increase of only 288 square miles in the total area reserved under the Forest Act during the year as against an increase of 780 square miles during 1894–95. The decrease is partly ascribable to the new forest policy under which reservation is limited ordinarily to areas of one square mile and above; but it must be remembered that in several districts reservation had been practically completed before the end of 1894–95, and the annual increase must in the nature of things gradually become smaller, until in the end all the land required for reservation has been taken up. The increase during the year occurred chiefly in the districts of *Kistna* and *Bellary* in the *Northern Circle* where, large areas were notified as reserved lands under the rules under section 26, and in *Cuddapah* and *Salem* in the *Central Circle*, where large areas were notified under section 4 of the Act. The addition to the area of reserved forests was chiefly in *Gódávari*, *Bellary* and *Anantapur* in the *Northern Circle*, in *Cuddapah*, *South Arcot* and *Salem* in the *Central Circle* and in *South Coimbatore* in the *Southern Circle*. There was no actual addition to the area of the forests in the last-mentioned division by the constitution of new areas as reserves but the excess given over the figure shown in the last year's report is the result of the computation of the area of the previously existing reserves according to the Survey of India maps. The result of the survey by that Party showed a large increase also in *Salem* and a decrease in *South Arcot*. In *Salem* the Survey of India has not deducted the areas of enclosures admitted at settlement in calculating the areas of blocks mapped by that Party, but the subject is receiving the attention of the Collector.

2. The following statement shows the area of each district, and the area brought under the Forest Act:—

ABSTRACT B.—District areas and forest reserves.

District.	Total district area excluding feudatory and tributary states.	Area excluding zemindari and whole inam villages.	Occupied area.	Particulars of remaining area (column 3—column 4).			Reserved forests and reserved lands.			Percentage of column 10 to column 3.	Percentage of column 10 to column 7.
				Unoccupied culturable, uncultivable and forest areas.	Area for which returns are not available.	Total of columns 5 and 6.	Reserved forests under Act V of 1882.	Reserved lands.	Total of reserves, columns 8 and 9.		
1	2	3	4	5	6	7	8	9	10	11	12
Northern Circle.	SQ. MLS.	SQ. MLS.	SQ. MLS.	SQ. MLS.	SQ. MLS.	SQ. MLS.	SQ. MLS.	SQ. MLS.	SQ. MLS.		
Ganjám	8,369	(c) 4,437	(d) 598	(e) 1,155	(f) 2,684	3,839	133	426	559	12·6	14·56
Vizagapatam	17,242	1,377	256	580	541	1,121	87	328	415	30·14	37·02
Gódávari	7,857	3,888	1,554	1,852	482	2,334	634	341	975	25·07	41·77
Kistna	8,397	5,621	3,168	2,369	84	2,453	641	571	1,212	21·56	49·40
Kurnool	7,514	* 6,799	2,030	4,769	..	4,769	1,748	496	2,244	33·00	47·05
Bellary	(a) 5,713	* 4,621	2,646	1,975	..	1,975	452	185	637	13·78	32·25
Anantapur	(a) 5,461	4,569	2,166	2,284	119	2,403	440	77	517	11·33	21·55
Total ..	60,553	31,312	12,418	14,984	3,910	18,894	4,135	2,424	6,559	20·95	34·72
Central Circle.											
Cuddapah	8,723	* 7,567	2,148	5,419	..	5,419	1,535	822	2,357	31·14	43·49
Nellore	8,765	4,064	1,732	2,327	5	2,332	436	225	661	16·26	28·34
Chingleput	(a) 3,092	2,047	1,014	1,024	9	1,033	200	38	238	11·62	23·04
North Arcot	(a) 7,365	3,905	1,382	2,517	6	2,523	995	136	1,131	28·96	44·82
South Arcot	5,216	4,969	2,476	2,420	73	2,493	505	274	779	15·67	31·24
Salem	7,529	5,390	2,132	3,258	..	3,258	1,224	240	1,464	27·16	44·93
Trichinopoly	3,631	2,686	1,668	1,005	13	1,018	192	41	233	8·67	22·88
Tanjore	3,709	* 2,471	1,778	693	..	693	19	..	19	0·76	2·74
Total ..	48,030	33,099	15,330	18,663	106	18,769	5,106	1,776	6,882	20·79	36·66
Southern Circle.											
South Canara	3,902	3,883	673	3,210	..	3,210	114	1,020	1,134	29·20	35·32
Malabar	5,593	* 5,565	1,636	3,929	..	3,929	196	404	600	10·78	15·27
Nilgiris	957	957	314	643	..	643	357	95	452	47·23	70·29
Coimbatore	7,860	* 7,406	3,821	3,585	..	3,585	1,510	864	2,374	32·05	66·22
Madura	8,813	* 3,207	1,646	1,561	..	1,561	559	90	649	20·23	41·57
Tinnevelly	(b) 5,389	3,566	2,299	1,259	8	1,267	411	17	428	12·00	33·78
Total ..	32,514	24,584	10,389	14,187	8	14,195	3,147	2,490	5,637	22·92	39·71
Grand Total ..	141,097	88,995	38,137	47,834	4,024	51,858	12,388	6,690	19,078	21·43	36·80

* Area from village papers is entered, as the net area by regular survey is less than the corresponding area in village papers.

The variations as compared with the figures shown in the report for 1894–95 are due to:—

(a) The transfer of certain villages from Bellary and North Arcot to Anantapur and Chingleput, respectively.
(b) The omission of certain hills and inam villages in Collector's statement for 1893–94.
(c) The erroneous inclusion of the area of the minor inams in Government villages in the previous year's figures.
(d) The inclusion of particulars for agency tracts in Gódávari for which approximate information has been furnished and to the extension of dry cultivation in Anantapur.
(e) Do. do. do do do, and of unsurveyed areas in certain other districts.
(f) Clauses (c) and (e) above.

The percentage of area reserved has risen from 31·8 to 36·8 during the year.

3. The subjoined statement exhibits the area finally constituted reserved forests in each district :—

ABSTRACT C.

Districts.	Prior to 1894–95.	During 1894–95.	During 1895–96.	Total.
	SQ. MLS.	SQ. MLS.	SQ. MLS.	SQ. MLS.
Northern Circle.				
Ganjám	133	3	(a) — 3	133
Vizagapatam	29	29	29	87
Gódávari	498	23	113	634
Kistna	627	19 (b) — 3	10 (b) — 12	641
Kurnool	1,734	3	11	1,748
Bellary	285	75	89 (b) + 3	452
Anantapur	302	78	60	440
Total ..	3,608	227	300	4,135
Central Circle.				
Cuddapah	1,204	37 (b) + 9	285	1,535
Nellore	343	74	19	436
Chingleput	169	28	3	200
North Arcot	937	30 (a) — 1	32 (a) — 3	995
South Arcot	407	57	86 (b) — 45	505
Salem	1,027	67 (b) — 5	97 (b) + 39 (a) — 1	1,224
Trichinopoly	190	2	..	192
Tanjore	19	..	..	19
Total ..	4,296	298	512	5,106
Southern Circle.				
South Canara	106	8	..	114
North Malabar	151	..	7 (a) — 1	157
South Malabar	39	..	..	39
Nilgiris	248	107	2	357
North Coimbatore	838	21	..	859
South Coimbatore	566	..	(b) 85	651
Madura	524	18	17	559
Tinnevelly	410	(c) + 1	..	411
Total ..	2,882	155	110	3,147
Grand Total ..	10,786	680	922	12,388

(a) Disafforested. (b) Rectification of area. (c) By rounding off fractions.

The outturn in *Gódávari* and *Nellore* was actually much larger than that shown above. One block of about 168 square miles in the former and two blocks of 96 square miles in the latter district were notified under section 16 of the Act during the year under report but their reservation takes effect only from dates falling within the current year. The same remark applies in the case of the marginally-noted districts to the extent entered against each. In *North Coimbatore* the final notification of the long-standing Guttialattur block of about 280 square miles, which was received in the Board's office early in June 1895, was not submitted to Government until after the close of the year. It has since been declared a reserved forest.

	SQ. MLS.		SQ. MLS.
Kistna	11	South Canara ..	11
Chingleput ..	3	South Coimbatore ..	1
North Arcot ..	10	Maddura	8
South Arcot ..	3		

In pursuance of the latest Forest policy referred to above, the question of the retention, or otherwise, of the small blocks already constituted reserves under section 16 of the Act received very careful consideration. Proposals from almost all the districts for disafforesting small reserves, for the retention of which no special reasons existed, have been approved by Government. Except in the case of three square miles in *Ganjám*, three in *North Arcot* and one in *Salem*, the sanction of the Government of India has not been received.

4. The following statement shows the latest estimate of the area to be eventually declared reserved forests. It cannot pretend to absolute accuracy. Proposals under settlement are liable to alteration at settlement, and the Board or Government may further modify or reject them. The areas of further selections are similarly open to revision :—

Districts.	Sanctioned estimate of areas for reservation in the districts.	Area brought under the Forest Act.	Additional estimated area selected or to be selected.	Total estimate proposed to be reserved.	Percentage of column 5 to the area of Government lands in the districts.	Percentage of column 5 to the total unoccupied culturable and unculti-vable lands in the districts.
	SQ. MLS.	SQ. MLS.	SQ. MLS.	SQ. MLS.		
Ganjám	656 (a) — 7	559	90	649	14·62	16·90
Vizagapatam	415	415	..	415	30·14	37·02
Gódávari	997	975	22	997	25·64	42·71
Kistna	(b) ..	1,212 (a) — 4	..	1,208	21·49	45·16
Kurnool	2,677 (a) — 3	2,244	210	2,454	36·09	51·45
Bellary	462	637 (a) — 6	..	631	13·65	31·94
Anantapur	535 (a) — 3	518 (a) — 3	17	532	11·64	22·13
Cuddapah	2,640 (a) — 20 (c) — 200	2,357	61	2,418	31·98	44·65
Nellore	1,132 (a) — 14	661 (a) — 14	374	1,021	25·13	43·78
Chingleput	231	238 (a) — 7	..	231	11·77	23·33
North Arcot	(b) ..	1,131 (d) — 31	..	1,100	28·16	43·59
South Arcot	835	(e) 779 (a) — 50	..	729	14·67	25·23
Salem	1,096	1,464	166	1,630	30·24	50·03
Trichinopoly	(b) ..	233 (a) — 3	..	230	8·57	22·70
Tanjore	23	19 (a) — 1	5	23	0·93	11·97
South Canara	1,011	1,134	..	1,134	29·20	35·32
Malabar	(f) 273	600	..	600	10·78	15·27
Nilgiris	(g) 411	(g) 377	34	411	42·94	63·92
Coimbatore	(f) 1,812	(h) 2,374 (a) — 33	28	2,369	31·98	66·08
Madura	(b) ..	649 (a) — 15	..	634	19·76	40·61
Tinnevelly	440 (a) 3	428 (a) — 3	12	437	12·25	34·49

(a) Abandoned.
(b) No definite schemes were formulated and approved for these districts.
(c) Selections proposed to be abandoned.
(d) Area that will probably have to be excluded for provision for communal privileges.
(e) Decrease consequent upon re-survey.
(f) Final schemes were submitted only for the Northern Division of the district.
(g) Excludes the Mudumalai, &c., leased forests of about 75 square miles.
(h) Increase, result of survey by the Survey of India.

(ii) *Forest Settlements.*

5. The progress of forest settlement is shown in the following table :—

ABSTRACT D.

Circle.	Area of reserved lands—*vide* Abstract A above.					Area brought under Chapter II of the Madras Forest Act.				
	On 1st July 1896.	Added during 1895–96.	Total.	Excluded during the year mainly by reason of constitution as reserved forests.	Balance at the end of the year.	Area notified under section 4, not constituted reserved forests on 1st July 1895.	Added during 1895–96.	Total.	Constituted reserved forest during 1895–96, or otherwise disposed of.	Balance notified under section 4 but not constituted reserved forest.
	SQ. MLS.	SQ. MLS.	SQ. MLS.	SQ. MLS.	SQ. MLS.	SQ. MLS.	SQ. MLS.	SQ. MLS.	SQ. MLS.	SQ. MLS.
Northern ..	2,596	297	2,893	476	2,424	1,931	39 (a) + 10	1,980	311 (b) 35 (c) 33	1,601
Central ..	2,184	220	2,404	628	1,776	1,759	274 (a) + 7	2,040	521 (b) 20 (c) 48 (a) 21	1,430
Southern ..	2,544	33	2,577	87	2,490	1,623	129	1,752	26 (a) 8 (b) 16	1,702
Total ..	7,324	550	7,874	1,184	6,690	5,313	459	5,772	1,039	4,733

(a) Rectification of area. (b) Initial notification cancelled. (c) Excluded at settlement.

6. The statement in Appendix A shows, districtwar, the total area brought under settlement up to the end of the year, the area constituted reserved forests and the particulars of the balance under settlement on 30th June 1896. At the beginning of the year there were 736 blocks, covering an area of 5,313 square miles previously notified under section 4, remaining to be finally constituted reserved forests. Seventy-nine blocks of an aggregate area of 442 square miles were notified under section 4 during the year against 203 blocks of 675 square miles in 1894–95. The following table shows the totals for the Presidency as compared with those of the previous year:—

—	1894–95.		1895–96.	
	Number of blocks.	Area in square miles.	Number of blocks.	Area in square miles.
(1) Areas notified as proposed reserves under section 4 and remaining to be constituted reserved forests at the beginning of the year	758	5,318	736	5,313
(2) Notified under section 4 during the year	203	675	79 (a) 7	442 (a) 17
Total ..	961	5,993	822	5,772
(3) Deduct area finally notified as reserved forest under section 16, excluded at settlement or cancelled, &c.	225	680	185 (b) 96	858 (b) 71 (c) 81 (a) 29
(4) Area which remained to be finally notified at the end of the year.	736	5,313	541	4,733

(a) Rectification of area. (b) Initial notification cancelled. (c) Excluded at settlement.

The decrease was an inevitable consequence of the change in the Forest policy which was given effect to during the period under report. Several blocks proposed for reservation were not accepted by the Board as falling below the prescribed limit, and the notifications for several others had to be returned to Collectors for amendment, with a view to leave a fair margin of lands for the exercise of communal privileges and for extension of cultivation. As a matter of fact, the initial notifications of 96 blocks of an aggregate area of about 71 square miles were cancelled during the year, while those of many more blocks awaited publication in the Gazette.

The particulars of balance of area under settlement shown under item (4) above are as follow:—

—	1894–95.		1895–96.	
	Number of blocks.	Area in square miles.	Number of blocks.	Area in square miles.
(a) Notified under section 16 during the year but with effect from dates in the following year	38	361	21	311
(b) With Board or Government awaiting publication of notification under section 16	145	1,009	117	855
(c) Returned by Board for revision and remaining either with Collector, District Forest-officer or Forest Settlement-officer.	51	698	70	820
Total settled and reported on ..	234	2,068	208	1,986
(d) Settled but not reported on	184	1,130	97	732
(e) Settlement proceeding	318	2,115	236	2,015
Total of (d) and (e) ..	502	3,245	333	2,747
Total of (a), (b), (c), (d) and (e) ..	736	5,313	541	4,733

Of the 97 blocks comprising 732 square miles shown as settled but not reported on—

23 were awaiting preparation of maps;
22 do. disposal of appeals;
4 do. expiry of time prescribed for appeals;
23 do. preparation or submission of final report by Forest Settlement-officers or Collectors; and
25 were pending owing to other causes.

7. Two hundred and thirty-six blocks of an aggregate area of 2,015 square miles were pending with the Forest Settlement-officers in various stages of settlement.

The settlement work in *Ganjám* has now been entrusted to a Special Forest Settlement-officer since August 1895. No blocks were notified during the year but the delay is attributed to the preparation of fresh maps in the case of several reserves owing to the vagueness of the initial notifications. Final notifications for eight blocks covering an area of 37 square miles were, however, submitted towards the close of the year and better rate of progress is anticipated in the current year. In *Vizagapatam* where work was entrusted to the Divisional officers the progress was satisfactory; six blocks of 29 square miles have been notified under section 16 and two blocks of 49 square miles have been reported on and are pending with Government. Three other blocks, the settlement of which has been completed, are awaiting the result of appeals in the District Court. In *Gódávari*, many of the old blocks were notified, and the submission of final reports for certain others is delayed pending disposal of appeals or expiry of time prescribed for appeals. The settlement work in *Kistna* was delayed pending the orders of Government on the question of the retention, or otherwise, of small blocks in the district, and on account of a large number of agraharam claims which are comparatively difficult to settle. Final notifications for thirteen blocks covering an area of 16 square miles were, however, submitted to the Board after the close of the year. The final notification of the North Dhone reserve in *Kurnool* was submitted to the Board together with the settlement reports of two other blocks only after the close of the year under report. The only two old blocks in *Bellary* are pending with the Board. The settlement records of the two blocks of more than nine years' pendency in *Cuddapah* were returned to the Collector for revision. The final notifications of the two oldest blocks (Srírharikóta) in *Nellore*, which awaited the district court's decision in a compensation case at the close of the preceding year, were received in the Board's office in April last and are under scrutiny. A large number of blocks settled and reported on in *North Arcot* was returned to the Collector with suggestions for the alteration of boundaries, so as to make due provision for extension of cultivation and exercise of communal privileges. In *South Arcot* eleven blocks, covering an area of 158 square miles, were pending with the Board at the close of the year. The final reports of 25 others were not submitted to the Board, as the proposals regarding their reservation have been cancelled. The progress in *Salem* was satisfactory. All the old blocks on the slopes of the Peria and Chinna Kalrayan hills, which were pending for a long time awaiting the results of appeals in the High Court, were finally gazetted as reserved forests during the year. The Board has since noticed that the limit to reservation sanctioned in Government Order, No. 268, Revenue, dated 10th April 1890, for the district has been exceeded, and the settlement of the remaining blocks depends upon the results of a joint report called for from the Collector and the Conservator. The final notifications of two of the three long-pending blocks in *North Malabar*, were delayed pending demarcation of the hills adjudged by the High Court to one Bavothi Hajee and that of the other has been promised to be submitted shortly. The submission of final reports for the seventeen old blocks in *South Malabar* is still pending disposal of appeals in the High Court. The final notification of one of the three old blocks in *North Coimbatore* has since been published; the remaining two are pending the correct demarcation of the blocks, the original demarcation having been found incorrect. In *South Canara* little progress was made during the year. An improvement may now be hoped for as the district has been brought under the charge of a Special Forest Settlement-officer.

8. A statement showing the causes of the pendency of the blocks not yet constituted reserved forests is given in Appendix B. There was a large decrease in the area and in the number of blocks pending at the close of the year; this is ascribable to the abandonment of a large number, to the smaller number notified under section 4 and to the increase in the extent of the reserves finally gazetted. The following statement compares the results of the present with those of the previous year:—

Date.	Finally notified during the year ending with		Settled and reported on.		Under settlement.		Total.	
	Number.	Area.	Number.	Area.	Number.	Area.	Number.	Area.
		SQ. MLS.		SQ. MLS.		SQ. MLS.		SQ. MLS.
30th June 1895 ..	225	680	234	2,068	502	3,245	736	5,313
30th June 1896 ..	185	858	208	1,986	333	2,748	541	4,733

9. *Outturn of work by the Special Forest Settlement-officers.*—The work done by the Special Forest Settlement-officers is shown in the subjoined abstract :—

ABSTRACT E.—Outturn of work by Special Forest Settlement-officers during 1895–96.

Name of Special Forest Settlement-officers.	Districts.	Issue of proclamation after notification under section 4.		Settlement of claims.		Report after settlement submitted.		Final notification proclaimed.		Cost.
		Number of blocks.	Area.	Number of blocks.	Area.	Number of blocks.	Area.	Number of blocks.	Area.	
1	2	3	4	5	6	7	8	9	10	11
			SQ. M.		SQ. M.		SQ. M.		SQ. M.	RS.
Messrs. R. H. L. Lushington and H. S. Mullins.	Ganjám	2	8	29	426	9	42	..	..	8,286 from November to June.
	Gódávari	..	..	..	..	2	168	..	..	..
	Kistna	..	..	8	(a)	3	4	3	(a)	..
	Kurnool	..	..	4	..	..	..	..	..	..
	Bellary	..	..	2	..	1	2	..	..	..
	Total ..	2	8	43	426	15	216	3	..	8,286
Mr. E. A. Smith	Gódávari	..	..	1	8	3	38	..	..	816
	Kistna	7	24	10	(b) 60	14	23	2	(a)	1,627
	Kurnool	4	73	6	(b) 128	7	83	..	..	1,110
	Bellary	..	..		..	..	..	10	(a)	Not reported.
	Anantapur	6	(a)	6	(a)	5	22	2	(a)	Not reported.
	Nellore	11	46	10	25	13	70	16	23	5,013
	Total ..	28	143	33	221	42	236	30	23	8,466
Mr. W. C. McMurray ..	Bellary	1	5	..	..	1	16	4	8	1,051
	Anantapur	2	10	1	1	..	.	7	56	1,051
	Cuddapah	5	203	13	114	12	87	10	48	1,945
	North Arcot	3	19	12	45	17	61	7	32	1,945
	South Arcot	..	..	..	..	12	69	21	32	1,945
	Salem	15	85	13	48	13	48	19	74	1,945
	Total ..	26	322	39	208	55	281	68	250	9,882
M.R.By. C. Raju Sastri ..	South Arcot	5	10	4	8	..	..	4	30	10,322
	Trichinopoly ..	..	..	1	2	1	2	..	..	
	Madura	..	..	14	30	16	24	21	22	
	Tinnevelly	10	11	19	(a)	15	8	..	..	
	Coimbatore	1	3	..	..	..	..	..	..	
	Total ..	16	24	38	40	32	34	25	52	10,322
	Grand Total ..	72	497	153	895	144	767	126	325	36,956
	In 1894–95	124	383	213	891	219	1,136	84	566	45,177

(a) Not reported.

(b) Includes the area of the blocks, the settlement of claims of which was made by Mr. Lushington.

During the year under report a re-adjustment of forest settlement divisions was made. From the commencement of the second quarter of the year, *Ganjám* was placed under the charge of Mr. Lushington ; *Bellary* and *Anantapur* were transferred to Mr. McMurray, and to Mr. Smith's division were added *Gódávari*, *Kistna* and *Kurnool*. The details of the outturn, as compared with those of the previous year, show a falling off due to the absence of three of the four settlement officers who were either on leave or transfer during the last quarter of the year. Messrs. McMurray and Raju Sastri, two of the experienced officers, were retransferred on their own motion to duty in the Land Revenue line. Mr. Mullins, a new officer, who was being trained for the work, took temporary charge of Mr. Lushington's district during his absence. Mr. McMurray and Mr. Smith both worked well. Mr. Raju Sastri had charge of the plain districts of the southern division ; his work was to a certain extent affected by the temporary suspension of the settlement of small blocks. Twenty-five of these, of which the settlement was almost completed and which would otherwise have been finally reported upon, were abandoned during the year. Mr. Lushington was employed upon settlement in Ganjám for only eight months of the year.

10. *Outturn of forest settlement work by Divisional-officers.*—The following statement shows the forest settlement work disposed of by Revenue Divisional-officers. Except in *Vizagapatam* and *Nilgiris*, no real progress was made during the year; in Chingleput the Deputy Collector, who has since retired, appears to have totally neglected the work. In May last sanction of the Secretary of State was received to the entertainment of a fifth Special Forest Settlement officer and the work in *Malabar* and *South Canara* has since been entrusted to him ; and all the other districts, except *Nilgiris*, have been allotted to the charge of one or other of the remaining officers. A complete re-adjustment of the districts has been made, and the Board now trusts that the work will be pushed on with vigour so as to bring the settlement of all old blocks to a speedy conclusion :—

ABSTRACT F.—Forest settlement work done by Revenue Divisional-officers.

District.	Name of officers.	Blocks pending with Forest Settlement-officers at the beginning of 1895–96.		Added during 1895–96.		Total.		Disposed of during 1895–96.		Blocks pending with the Forest Settlement-officers at the end of 1895–96.	
		Number.	Area.	Number.	Area.	Numbers.	Area.	Number.	Area.	Number.	Area.
			SQ. M.		SQ. M.		SQ. M.		SQ. M.		SQ. M.
Ganjám ..	Principal Assistant Collector	1		..	..	1	2	..	..	1	2
	Senior Assistant Collector.	26	41	..	..	26	41	(b) 22 3	38 3	1	..
	General Deputy do. ..	25	397	1 (a)2	6	28	403	(c) 21 (b) 7	20 383	..	..
	Total ..	52	440	3	6	55	446	53	444	2	2
Vizagapatam ..	Principal Assistant Collector	2	41	(a) 1	..	3	41	..	..	3	41
	Head Assistant Collector ..	11	202	(a)—1	..	10	202	6	29	4	173
	Total ..	13	243	..	..	13	243	6	29	7	214
Bellary	Deputy Collector, Adóni ..	5	23	..	..	5	23	3	12	2	11
Chingleput ..	Mr. Tillanayagam Pillai ..	11	3	9	3	20	6	(c) 2	..	18	6
Nilgiris	Head Assistant Collector ..	33	1	1	..	34	1	33	1	1	..
Coimbatore ..	Head Assistant do. ..	3	4	..	..	3	4	3	4	..	..
Malabar	Sub-Collector	2	42	..	..	2	42	..	..	2	42
	Head Assistant Collector ..	4	..	..	..	4	..	(c) 1	..	3	..
	Special Assistant do. ..	12	(a) 169	(a) 2	..	14	169	..	..	14	169
	Deputy Collector, Wynaad.	13	173	1 (a)3	..	17	173	(c)3 6	4 7	8	162
	Total ..	31	384	6	..	37	384	10	11	27	373
South Canara ..	Head Assistant Collector ..	36	185	8	90	44	275	3	2	41	273
	General Deputy do. ..	6	124	1	25	7	149	(c) 3	1	4	148
	Total ..	42	309	9	115	51	424	6	3	45	421

(a) By rectification. (b) Transferred to Special Forest Settlement-officer. (c) Unreserved.

11. *Selections for further reservation.*—Final schemes for further reservation in all districts except *Kistna* have been submitted to Government and approved. The Kistna proposals have been the subject of correspondence between the Board and the Collector, but a final scheme has not yet been formulated. The Collector has now been asked to expedite his final report. In most districts the extent of the areas is liable to modification in view of the recent change in the forest policy, but the difference cannot be very material. The proposed selections in the Agency tract "Pondokhol" in *Ganjám* will have to be taken in hand only after the settlement of the other areas in the district is completed, as the District Forest-officer cannot spare time for the work. The area to be reserved in *Vizagapatam* has been determined for the ordinary tracts, and the selections

of a few blocks in the Agency await inspection by the Conservator. Selection in *Gódávari* is complete; and what remains to be done is the preparation of notifications under section 4 for the three blocks of 22 square miles ordered to be retained in the Yellavaram Agency. In *Kistna* the work of selection is complete in all the taluks except Bapatla. Good progress was made in *Kurnool* and about twenty blocks remain to be selected. It is reported that there is still ample room for extending the selection, considering the large balance of the unoccupied and unreserved lands in the district. The suit regarding the ownership of some hills in the Hospet taluk of the *Bellary* district was only recently decided, and it is hoped that selection in this taluk, which was awaiting the result of the above suit, will soon be finished. The Conservator's opinion regarding further reservation in the other taluks of the district, which is said to have been received by the Collector, is awaited. It is noted that in *Cuddapah* about 172 square miles of new selections were made during the year. In *Nellore* selections in the taluks of Rapur, Udayagiri, Kanigiri and Atmakúr are in progress, the total will aggregate about 400 square miles. As regards *Chingleput* there are some 15 square miles to be brought under settlement and the area that will eventually be reserved will slightly fall short of the estimate approved in 1893.* Selection in *Salem*, which was making fairly good progress during the year, has since been temporarily suspended pending the joint report of the Collector and the Conservator already alluded to, on the advisability of taking up further areas for reservation. In *Malabar* nothing can now be definitely stated as regards the maximum area that will be reserved in the district until the question of the jenm right is settled and the survey of the district completed. In all the other districts selection is practically complete.

* G.O., No. 472, Revenue, dated 2nd June 1893.

12. *Reserved lands not brought under settlement.*—The area of reserved lands not yet brought under settlement is shown in Appendix C. Compared with the previous year, there is an increase in the *Northern Circle* and a decrease in the others. The increase in the *Northern Circle* is due to large areas having been notified by the Collectors of *Kistna* and *Bellary* under section 26 of the Forest Act. As observed in the last year's report, the area not yet brought under settlement is still large in the districts of *Vizagapatam*, *Kistna*, *Kurnool*, *Bellary*, *Cuddapah*, *Salem*, *South Canara* and *Nilgiris*. In *Vizagapatam* the question of reserving the tracts was finally settled and notifications for almost all the blocks were submitted after the close of the year. The delay in *Kistna* is ascribed to the large amount of preliminary demarcation undertaken during the hot weather, postponing the preparation of maps and notifications to the cold season. The slow progress in preliminary demarcation delayed the issue of notifications in *Kurnool*. In *Bellary* the reserved lands consist of the leased forests and of the areas newly brought under section 26 of the Forest Act, and the notification for the latter is pending the demarcation of the selected blocks. In *Cuddapah* the progress made during the year under report is satisfactory. In *Salem* the notifications were pending preparation of maps, which cannot be done until the blocks are surveyed. The work has since been temporarily stopped for reasons already explained. The work in *South Canara* is delayed pending receipt from the Revenue Survey Department of the map of the forest portion of the Uppinangadi taluk. The reserved lands in *Nilgiris* consist of leased forests.

(iii) *Demarcation.*

13. Form No. 46 contains information regarding demarcation and maintenance of boundaries. There has been no change in the system of demarcation reported last year which has been found to answer the requirements of administration. Besides 2,189 miles of permanent demarcation the re-clearance of a considerable length of the old lines has also been effected during the year.

14. The following statement shows the length of boundary lines preliminarily and permanently demarcated during the year as compared with the figures of the preceding year :—

Abstract G.—Demarcation work done during 1895–96.

Districts.	Preliminary. During 1894–95. Miles.	Cost.	Average cost per mile.	Preliminary. During 1895–96. Miles.	Cost.	Average cost per mile.	Permanent. During 1894–95. Miles.	Cost.	Average cost per mile.	Permanent. During 1895–96. Miles.	Cost.	Average cost per mile.	Re-clearing old lines, &c. During 1894–95. Miles.	Cost.	Re-clearing old lines, &c. During 1895–96. Miles.	Cost.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
		Rs.	Rs. A. P.		Rs.	Rs. A. P.		Rs.	Rs. A. P.		Rs.	Rs. A. P.		Rs.		Rs.
Northern Circle.																
Ganjám	13	60	4 9 10	35	100	2 13 9	56	452	8 1 1	27	756	28 0 0	115	326	83	234
Vizagapatam	9	30	3 5 4	114	141	1 3 9	22	464	21 1 5	38	639	16 13 1	..	(d) 47	99	100
Gódávari	46	179	3 14 3	..	..	..	95	550	5 12 7	135	712	5 4 4	106	323	174	579
Kistna	88	53	0 9 8	289	2,132	7 6 0	32	292	9 2 0	57	927	16 4 3	..	1,011	23	1,720
Kurnool	198	491	2 7 8	153	416	2 11 6	61	578	9 7 7	50	410	8 3 2	34	(d) 55	8	(d) 51
Bellary	205	260	1 4 4	48	60	1 4 0	230	(b) 1,312	5 11 3	449	2,473	5 8 1	15	113	200	27
Anantapur	(e) 337	3	..	25	..	..	3	(g) 466	155 5 4	99	(g) 533	5 6 1	..	50	10	(e) 486
Total ..	896	1,076	1 3 2	664	2,849	4 4 8	499	4,114	8 3 10	855	6,450	7 8 8	270	(d) 86	597	(d) 89
														2,010		3,286
Central Circle.																
Cuddapah	183	463	2 7 5	115	246	2 2 3	311	3,194	10 4 3	221	1,721	7 12 7	17	190	8	3
Nellore	74	270	3 10 4	..	..	..	56	427	7 10 0	6	27	9 2 8	19	(e) 630	(e) 15	(e) 468
Chingleput	79	384	4 13 9	24	103	4 4 8	78	906	11 9 10	66	(a) 28 772	11 11 2	..	(d) 51 81	(d) 15	(d) 67
North Arcot	..	..	..	..	..	..	209	1,358	6 8 0	214	1,808	8 7 2	17	(d) 694 (e) 524	(d) 1,078	(d) 192 (k) 101
South Arcot	227	446	1 15 5	76	123	1 9 11	263	3,556	13 8 4	213	3,682	17 4 7	182	(d) 2,095	85	97+(d) 1,364 (e) 478
Salem	447	908	2 0 6	105	348	3 5 0	470	2,216	4 11 5	181	894	4 15 0	676	(f) 1,163	28	596
Trichinopoly	512	568	1 1 9	223	277	1 3 10	150	683	4 8 10	215	1,123	5 3 2	(e) 313	612	591	(e) 999
Tanjore	..	..	..	..	..	..	5	11	2 3 2	..	..	..	..	7	..	(e) 639
Total ..	1,527	3,039	1 15 10	543	1,097	2 0 4	1,542	12,351	8 0 1	1,117	10,027	8 15 8	991	(e) 80	12	(e) 635
														4,976	3,912	290
Southern Circle.																8
South Canara	304	215	0 11 3	195	101	0 8 3	11	206	18 11 8	(i) 37	22	2 12 7	..	..	..	5,837
North Malabar	14	172	12 4 7	..	..	..	62	1,130	18 3 7	7	(j) 284	40 9 1	..	..	1	..
South Malabar	..	..	..	..	..	..	27	600	29 14 2	5	203	40 9 7	1	..	..	10
Nilgiris	43	307	7 2 2	11	79	7 2 11	25	(e) 207	18 9 7	28	564	20 2 3	43	587	82	..
North Coimbatore ..	273	2,192	8 0 5	3	23	7 10 8	59	1,067	18 1 4	140	1,884	13 7 4	60	(e) 551 (f) 107		1,384
South Coimbatore ..	21	370	17 9 11	5	21	4 3 2	16	189	11 13 0	..	..	..	..	309	31	134
Madura	..	..	..	..	..	..	..	..	..	..	..	..	8	(e) 505	44	(d) 204
Tinnevelly	143	104	0 11 7	58	33	0 9 0	30	233	7 12 3	..	76	..	59	..	2	(e) 488
Total ..	798	3,360	4 3 4	272	257	0 15 1	236	4,097	17 13 0	217	3,033	13 15 8	171	(e) 326 391	33	265
														2,851	193	20
Grand Total ..	3,221	7,475	2 5 2	1,479	4,203	2 13 6	2,271	20,562	9 0 10	2,189	19,510	8 14 7	1,432	9,837	4,702	223
																2,728
																11,861

(a) Still due to the contractor.
(b) Excludes pay of temporary watchers entertained at the end of the year.
(c) Demarcated by the Forest establishments.
(d) Cost of erecting or repairing cairns, posts and aloe fencing.
(e) Cost of temporary establishments.
(f) Cost of sign-boards.
(g) Cost of stone pillars, &c.
(h) Amount paid for work done in previous year, &c.
(i) Twenty-nine miles were cleared by ryots free of cost.
(j) Includes the cost of making and putting sign-boards.

15. *Preliminary demarcation.*—In *North Arcot* and *Madura* reservation has practically come to a close, while in *Gódávari*, *South Arcot*, *Malabar* and *Coimbatore* (South) selection of areas for reservation has been almost completed and there are only a few blocks for which notifications under section 4 have to be submitted. This accounts for the absence of preliminary demarcation in the first named two districts and for the absence of or short work in the other districts. The outturn in *Ganjám*, *Anantapur*, *Nellore*, *Chingleput*, *Coimbatore* (North) and *Tinnevelly* was commensurate with the selected areas on hand; in *Bellary* and *Nilgiris* the short work was due to the Range officers having been engaged on other works. In the latter district the unhealthiness of the season also tended to retard operations.

Preliminary demarcation in *Ganjám* was of a less elaborate nature than in previous years, and this accounts for the small average cost per mile in the district. The low rate in *Vizagapatam* was due to the employment of villagers of enclosures instead of special coolies; in *Bellary* there was little or no growth on the lines cleared. The average cost per mile in *Kistna* is considerably higher than that of the previous year, but in view of the fact that the tract through which the line was cleared was a dense jungle, the rate cannot be considered excessive. The work in *Anantapur* was, as usual, conducted by the regular establishment and no extra cost was therefore incurred. A few reserves were preliminarily demarcated in *Nellore*, but the work, on which nothing was spent, consisted of simply whitewashing the survey stones which formed the boundary of the selected areas. The low rate in *South Arcot* and *Tinnevelly* was, as reported last year, due to the adoption of revenue survey stones as forest boundaries and the slight decrease in the cost during the year under report was the result of facilities which existed in carrying out the work. The increase in *Salem* has not been explained, but that in *Trichinopoly* was due to thick growth of prickly-pear in certain portions. The large decrease in *South Coimbatore* is ascribed to the clearance of only a 4 feet line.

16. *Permanent demarcation.*—The outturn in *Ganjám* and *Malabar* was commensurate with the area of the reserves notified under section 16. In *Kurnool* it is explained that the progress must be rather slow as the boundaries of several reserves lie in unsurveyed lands and much delay is caused in verifying the position of the fields. There was short work in *Nellore* owing to the time of the Range officers having been taken up in connection with the grazing system newly introduced in that district. In *Chingleput* and *Tinnevelly* work was postponed; in the former district pending the result of the Conservator's inspection and report as to the advisability of the reservation proposed, and in the latter pending settlement of the proposed extensions to the existing reserves. In *South Canara* the Range officers were otherwise engaged during the year, which accounts for the short outturn; in *Nilgiris* work was retarded by the prevalence of sickness amongst the subordinates.

Compared with the cost of the preceding year there was a marked increase in *Ganjám* and *North* and *South Malabar*, and decrease in *Anantapur* and *South Canara*. The work in *Ganjám* consisted of the demarcation of the Maliah boundary and the increase in cost was due to the erection of cairns at short intervals apart. The increase in *North Malabar* includes also the cost of putting up sign-boards; in *South Malabar* it is ascribed to the difficulty of obtaining labour owing to the unhealthiness of the locality demarcated. The decrease in *Anantapur* has not been explained by the Collector; in *South Canara* it is due to the system introduced in certain localities of permitting ryots to clear the boundaries and remove free of charge the trees cut, which, if the work was done departmentally would be allowed to rot.

The total expenditure incurred during the year on all kinds of demarcation, inclusive of re-clearing old lines, amounted to Rs. 35,564 against Rs. 38,113 as per audited accounts. The difference between the two sets of figures occurs in the marginally-noted districts, and the Collectors of these districts have omitted to explain the variations. They have been requested to furnish in future reports the necessary explanation wherever any difference between the district and audited figures is found to exist.

Vizagapatam.	Salem.
Kistna.	South Canara.
Kurnool.	North Malabar.
Cuddapah.	Nilgiris.
Nellore.	South Coimbatore.
South Arcot.	Tinnevelly.

(IV) *Surveys.*

17. The operations of the Survey of India Party (No. 19) during the year under report were continued in *Salem* and *North Arcot* and extended also to *Kurnool*. In the *Salem district* the Yellagiri hills and an outlying reserve in the Tiruppattúr taluk, and the hills about Maharajagadai in the north of the Krishnagiri taluk were completely surveyed, and the survey of the forests in the Hosúr taluk was commenced. In *North Arcot* the survey of the Javadis and of the hills near and to the east of Vellore commenced last year was completed, as also the alterations in boundaries on sheets held back from previous years. The reserves to the north of the railway between Gudiyáttam and Katpádi, and scattered reserves in the Chittoor, Palmanér and Wallajanagar taluks were surveyed, and the survey of the forests in the Chandragiri taluk was also commenced.

The triangulation of the Pachamalai, Kollimalai and Kalroyan hills in the *Salem district* and of a small area in *North Arcot* was completed. In *Kurnool* the triangulation of the Nallamalai and the adjoining hills was commenced. Boundary traversing was also carried out to some extent.

The work turned out in each district was as follows:—

District.	Triangulation.	Boundary traversing.	Topography.
	SQ. MLS.	L. MLS.	SQ. MLS.
Kurnool	1,200	46·3	..
Salem	600	303·	492·8
North Arcot	15	470·8	471·6
Total .. 1895–96 ..	1,815	820·1	964·4
Total .. 1894–95 ..	1,918	849·5	970·9

Compared with the previous year, the area surveyed shows a trivial decrease. This is ascribed to the entertainment of new men. Until the close of the field season, these men were unable to undertake independent work.

The area surveyed was mapped in 48 sheets, two of which being partially surveyed have been kept back. The number of sheets for the Salem district consisted of 19, which comprise 32 reserves and proposed reserves completely surveyed and 13 only partially surveyed. The sheets for North Arcot numbered 27, which, as in the case of Salem, include also areas partly surveyed during the year. Besides these, 19 sheets of the North Arcot district, which were ready for publication last year, were recalled and, after correcting their boundaries which required revision, have been sent back to be published.

Years.	Topography completed.	Cost rate per
	SQ. MLS.	SQ. MLS.
1888–89	168	162
1889–90	214	149
1890–91	465	112
1891–92	659	97
1892–93	788	78
1893–94	881	73
1894–95	971	67
1895–96	964	66

The marginal table shows the outturn of topography and the cost rate of each year since the commencement of work in this Presidency. The results are satisfactory.

The actual expenditure, including cost of instruments for the financial year ending 31st March 1896, amounts to Rs. 74,322 and that for the survey year ending 31st August 1896 to Rupees 75,900. Deducting the contribution payable by the Government of India, the cost as adjusted by the Accountant-General of the Presidency amounted to Rs. 54,837 (*vide* Form No. 59).

The Government of India have arranged to transfer from the Central Provinces No. 9 Survey Party for forest surveys during 1896–97. With the advent of this party and the excellent progress which is now being made by the existing Party (No. 19), it is hoped that forest surveys will be an accomplished fact in this Presidency within a measurable distance of time.

18. The departmental staff of temporary surveyors and draughtsmen was also at work during the year.

In the *Northern Circle* the outturn of work by the surveyors was satisfactory in *Ganjám*, *Vizagapatam*, *Kistna*, *Kurnool*, and *Anantapur*, but poor in *Bellary*. In *Ganjám* 120 miles were surveyed, of which 109 miles were mapped. The length of

reserve boundaries traversed in the *Vizagapatam district* was 114 miles, and the total area of the blocks surveyed about 136 square miles. The outturn of the surveyor's work in *Kistna* consisted of the survey of one reserve, the plotting of two reserves, the demarcation of 22 reserves of 61 square miles, inserting the rights of way, &c., in plans, and the preparation of plans for notification under section 4. In *Kurnool* the work done was the survey of the boundary lines unsurveyed hitherto, and of occupied lands included in proposed reserves as well as a commencement of a detailed interior survey of one reserve; while in *Anantapur* 10 blocks of 45 square miles were surveyed and mapped.

In the *Central Circle* departmental survey was confined exclusively to the *Salem* district. There were frequent changes in the staff which consisted of two surveyors. They were engaged for the greater part of the year in surveying the disputed patta lands on the Kollimalais. They traversed also boundaries of eight proposed reserves completely and one partly.

In the *Southern Circle* survey work was carried on in *Madura*, *South Malabar* and *South Canara*. In *Madura* the work lay in connection with the seven blocks of 10 square miles, notified under section 4 since the departure of the Survey of India Party. Work was commenced only in April and comprised three blocks completely and one partly surveyed. In *South Malabar* some progress was made in the survey of the new Amarampalam reserve; and in *South Canara* the extent reported to be surveyed is 67 miles (chain and compass) and 61 miles (plain table). In the last-named district only one surveyor was employed during the greater part of the year, as in the Puttur Range the Revenue Survey has undertaken the work.

19. The draughtsmen employed in all the circles were, as usual, engaged in preparing sketch-maps to accompany further proposals for reservation and in posting and maintaining the maps prescribed in the Forest Code. Details of information showing the progress made in connection with the maintenance of these map records are abstracted in Appendix D. It is to be regretted that reports from several districts do not furnish a succinct statement of the progress made as required by Government, and Collectors have been directed to pay special attention to this matter in future reports.

The forest atlases for the use of the Government, Board, &c., which were on the scale of 8 miles to the inch, were replaced during the year by larger ones on 4 miles to the inch.

The area of reserved forests in all districts, for which final maps have been prepared up to 30th June 1896, amounts to 5,248 square miles. There is a decrease on the previous year's figure. Details for each district and explanation for the variations will be found in Appendix E.

CHAPTER II—MANAGEMENT OF STATE FORESTS.

(1) Regulation of Management.

(a) *Working Plans and their control.*

20. In the last report it was urged that settlement and want of adequate establishment were the chief impediments to seriously undertaking the task of framing working plans. These obstacles continued and still continue to exist. Marked progress has, however, been made as will be seen from the following details. The collection of statistics for future plans has also not been neglected.

Northern Circle.

In *Vizagapatam* rough working circles were formed near the chief markets, in which fellings have been located in experimental coupes. In *Gódávari* a fresh working plan was prepared for the Upputur block which is still under settlement, and the working plan of the Narsapur plantations had to be altered to meet an urgent demand for casuarina by the Public Works Department. In *Kistna* only one preliminary working plan for the Gopuvanipalam reserve was accepted by the Conservator. It is proposed to treat the majority of the reserves in the district on the very simplest principles, namely, clubbing several reserves together into one working circle as they are intended chiefly for grazing. Several working plans based on these principles are being framed and are reported to be nearly ready for submission, but the Conservator doubts whether the District Forest-officer is not attempting too much with the staff

at his disposal. Coupe No. III of the Guntúr babul (*Acacia arabica*) working circle was exploited during the year. Its area is 190 acres and the standard trees retained number 117. The outturn was not so good as in previous years, the yield being 4·85 tons per acre of wood over 2 inches diameter, 1·49 tons of wood under 2 inches and 1·17 tons of thorns—a total of 7·51 tons an acre. The mangrove forests were worked in accordance with the provisions of the working plan. In *Bellary* the provisions of the working plan for the eastern slopes of the Ramandrug Range have been carried out. It was again found that the demand for wood *in situ* was very small; a depôt was consequently established at Bellary in April 1896. The success of this measure appears problematical. Some experimental coupes made in other reserves were only partially successful; except in the vicinity of *Bellary* there is little or no demand.

Central Circle.

In *Cuddapah* no new working plans were made during the year. The provisions of the Balapalle working plan were adhered to, the outturn being 547 tons as against 564 tons from the two compartments worked in the previous year. In *Nellore* a preliminary working plan for the Rapur-Yerrakonda reserve—area 23,040 acres—was approved by the Conservator. It provides a regular series of improvement fellings extending over fifteen years. Provision has been made to meet grazing requirements. In the Sríharikóta forests cutting was carried on partly in the second and partly in the third compartment, and 1,995 tons were extracted during the year against 2,495 tons in the previous year. The decrease was due to a number of fuel waggons being out of repair. It is reported that it was not possible to work the casuarina plantations on any settled working plan, as a large number of trees die out in patches every year without reference to age. In *South Arcot* simple working plans based upon area were prepared for fourteen blocks and approved by the Conservator. The provisions of the preliminary working scheme for the Annamalai reserve in the Tiruvannámalai Range and of the working circle comprising the casuarina plantations of Talankodu, Fort St. David, and Shonankuppam, in the Cuddalore Range were adhered to. Owing to better demand the revenue realized was larger than the estimate given in the schemes. The preparation of the working scheme embracing the casuarina plantations of Dhoni Durai (north and south), Nochikadu and Periyakuppam, referred to in last year's administration report, is still delayed owing to a re-arrangement of coupes in one plantation, necessitated by the exclusion of a large extent of useless and unproductive land. In *Trichinopoly* working plans for the reserved forests and proposed reserves of the Udaiyárpálaiyam Range, except the padugais, were submitted on the last day of the year. They were approved by the Conservator provisionally, subject to revision and submission for the Board's sanction, after the question of reservation in the range has been finally settled. In *Tanjore* working plans for the Tirumulavásal casuarina plantations and the Vettangudi reserved forest were submitted towards the close of the year and approved by the Board.

Southern Circle.

In *Tinnevelly* it is reported that a definite commencement was made to bring coupe fellings under systematic working plans. It is being decided by careful experiment under what conditions each of the different systems of departmental or contract working becomes expedient, and when the general public can be trusted to cut and remove the produce themselves. The working scheme for the Padar malai block of the Mandanthorai working circle has been followed, but as the whole of the first coupe has not been completely worked over, no definite conclusions can be arrived at. In *Madura*, Mr. Latham has been estimating the stock on the dry hills in the Dindigul and Mélúr taluks with a view to regulation of the coupe fellings. These have been hitherto worked to obtain the maximum revenue irrespective of the area, or volume available for continued operations. In the *Nilgiris* a working plan was drawn up for the plantations in and around Ootacamund by Mr. Tireman, but its adoption has been delayed for a year when the demand is expected to be steadier. In *South Malabar* the working plan prepared by Mr. P. M. Lushington for the Nilambúr teak plantations was not sanctioned by the Board until after the close of the year. The Walayar working plan has proved to be based on too short a rotation for the re-growth of coppice. In *North Coimbatore* a preliminary working plan for a portion of the Vellamundi reserved forest was framed and submitted to the Board during the year.

It had to be returned for revision and final orders were not passed during the year. A working plan for the babul areas is in course of preparation. In *South Coimbatore* the provisions of the Sholakarai working plan were carried out. It is reported that the working plan of the Singara Tope circle will require revision. Preliminary working plans for other forests are in course of preparation.

(b) *Annual Plans of Operations.*

21. These were submitted to the Board for some districts with the budget, while for others the details entered in the budget explanatory note were accepted as plans of operations for the year. No information has been furnished in the reports of several districts as to how far these plans were adhered to, but on the whole they have been fairly followed. Collectors have been directed to give particulars of the deviations and the reasons therefor in their future reports.

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(2) WORKING OF THE YEAR.

(a) *Communications and buildings.*

22. A list of roads and buildings constructed or repaired during the year is given in Form No. 49. The total outlay, as compared with the previous year, is as follows:—

	1894-95.	1895-96.
	RS.	RS.
Roads and bridges	32,007	28,313
Buildings	34,143	41,108
Other works	3,263	2,662

The expenditure shows a decrease under all heads except "buildings." The question of a general scheme for the development of forest roads has not been lost sight of. No definite schemes can, with advantage, be prepared until some advance has been made in the matter of working plans.

Mr. Pect, Conservator of Forests, Northern Circle, who was entrusted with the task of preparing a type design for forest camps in consultation with the other Conservators and with Mr. Rogers of the Forest school, drew up three plans on the basis of the suggestions made by the last-mentioned officer and an estimate of the cost of building under these plans. After careful consideration it was not deemed desirable to prescribe hard and fast rules regarding either the style or the cost of the buildings, but the plans and estimates were generally approved, and were circulated for adoption with such modifications as local conditions might necessitate.

23. In the *Northern Circle* a sum of Rs. 7,081 was spent on roads chiefly in *Kistna* and in *Kurnool*. In the former district 28 miles of new roads were constructed in addition to repairs to an existing road; and in the latter besides constructing part of a road on both sides of the Chelama Railway station to the intended level crossing, and laying out a road from Gazulapalli bungalow to the Railway level crossing, sundry repairs to existing roads and other works were executed.

The expenditure in the *Central Circle* amounted to Rs. 3,889 on roads. Half of this outlay was upon 2 miles of a ghât road in *North Arcot*, which starts from Arungaldrug and will be continued to Peddur. The road varies in width from 8 to 15 feet, has side and cross drains and crosses a difficult line of country. In *Cuddapah* the construction of the Pedarallasagudu road was continued and 2 miles and 21 chains completed. The cost amounted to Rs. 1,861 One mile of a road into the Lankamalais was finished and repairs to other roads were undertaken.

In the *Southern Circle* the amount expended on roads was Rs. 17,343. Repairs to existing important ghât roads in *North* and *South Coimbatore*, and *Tinnevelly* account for a considerable portion of this. In the *South Coimbatore* division, a sum of Rupees 2,385 represents the contribution paid for the efficient and thorough repair of the Anamalai-Sethumadai road under the supervision of the Engineer of the Local Fund Department, that department paying an equal sum. The road is useful for the public, as well as for the Forest Department for transport of timber. In *Tinnevelly* and *North Malabar* 6 and 4 miles, respectively, of new roads were constructed, and the existing ones were maintained.

24. The expenditure on buildings has increased in the *Northern* and *Southern Circles* and decreased in the *Central Circle*. It includes also the pay of bungalow watchers.

—	1894-95.	1895-96.	Difference.
	RS.	RS.	RS.
Northern Circle ..	12,317	16,318	+ 4,001
Central " ..	8,004	6,609	— 1,395
Southern " ..	13,822	18,181	+ 4,359

In the *Northern Circle* in *Kurnool* the most important new work was the construction of a range house and office at Nandyal, which was nearly completed during the year. A few guards' and tannadars' houses were also constructed. In *Vizagapatam* and *Godávari*, besides repairs to existing buildings, several rest-houses were built; and in *Kistna* four range camps were newly constructed during the year.

In the *Central Circle* the expenditure on buildings was chiefly confined to repairs in *Salem*, *North Arcot* and *Cuddapah*. In the last-named district some new buildings were also constructed, the chief being a rest-house at Bakarapet.

In the *Southern Circle* several necessary new works were executed in *North* and *South Coimbatore*, *North Malabar* and *Tinnevelly*. The works in *North Coimbatore* consisted of the construction of four rest-houses and a few sheds for storage of sandal-wood, and those in *South Coimbatore* of two inspection sheds, the District Forest-officer's rest-house at Punachi and range quarters at Méttupálaiyam. There was also a large outlay on repairs in the latter division. Besides sundry repairs to old buildings, two serambies and two elephant kraals were constructed in *North Malabar*, and three rest-houses, two forest guards' and watchers' lines and sundry other works in Tinnevelly.

25. *Tramways.*—The results of the working of tramways are recorded in Form No. 65.

It will be observed that the length of the line at work in the Sríharikóta and the casuarina plantation ranges in *Nellore* was $5\frac{3}{4}$ and 4 miles respectively. The actual outturn in the former range fell short of the previous year's figure by 491 tons which accounts for the short profit. Owing to the small number of fuel waggons and to the distance between the place of cutting and the canal basin the whole of the wood cut could not be removed. The net loss up to the end of 30th June 1896 has been reduced from Rs. 961 to Rs. 748. In the casuarina plantation range there was a slight fall of 61 tons in the outturn. The net gain on this line up to end of 30th June 1896 is Rs. 23,604. It is noted that the figures shown as net profit in 1893-94 and 1894-95 have been considerably modified, the estimated cost of transport by country carts having been erroneously calculated in those years at As. 6-4 and As. 5-6 per ton instead of As. 14-5 and As. 14-6 per ton respectively.

The tramway in *Cuddapah* has, as usual, not paid its expenses. The length of line worked is shown as $1\frac{1}{2}$ miles against $1\frac{1}{4}$ in the previous year, while the outturn during the year shows a decrease of 421 tons. The total loss up to the end of the forest year under report is Rs. 3,743.

The length of the line at work in *South Coimbatore* was 4 miles as in previous year. There was an increase of 170 tons in the outturn. The net result of the working shows a loss of Rs. 22,004 up to the end of 30th June 1896.

In paragraph 13 of its review on the Forest Administration Report for 1894-95, Government suggested that the tramway statement might be improved by the addition of a footnote, explaining the data upon which the estimated cost of carting has been arrived at. This information has not been furnished in any of the reports, and the Collectors concerned have been requested to pay special attention to this matter in future reports.

(b) *Protection of forests from injury.*

(1) General protection and breaches of Forest law.

26. Forest crime is confined practically to illicit grazing, petty thefts and firing forests through incendiarism or negligence. But, as observed in the report for 1894-95, it is not possible to attain any marked measure of success in checking it until the subordinate staff is adequately augmented. Having regard to this fact the results of the year may be regarded as satisfactory.

27. Detailed particulars in regard to prosecutions for breaches of Forest laws during the year under report is given in Form No. 50, but an abstract thereof, supplemented with particulars of the preceding year in order to facilitate comparison, is given below.

Name of Circle.	Year.	Number of cases pending at the commencement of the year.	New cases of the year.					Disposed of during the year.						Cases pending at close of the year.
			Injury to forests by fire.	Unauthorized felling or appropriation of wood and minor produce.	Grazing without permission or in tracts in which grazing is prohibited.	Other offences.	Total new cases of the year.	Total cases.	Convictions. Number of cases.	Acquittals. Number of cases.	Compounded. Number of cases.	Withdrawn. Number of cases.	Total.	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Northern Circle	1894–95	492	10	1,560	715	263	2,548	3,040	876	224	1,108	257	2,465	575
	1895–96	* 493	12	1,809	802	239	2,862	3,355	940	284	1,269	302	2,795	560
	Difference in favour or against the year under report	+ 1	+ 2	+ 249	+ 87	— 24	+ 314	+ 315	+ 64	+ 60	+ 161	+ 45	+ 330	— 15
Central Circle	1894–95	538	40	2,067	2,206	466	4,779	5,317	1,594	331	2,499	331	4,755	562
	1895–96	* 574	20	2,229	2,190	258	4,697	5,271	1,436	317	2,463	460	4,676	595
	Difference in favour or against the year under report	+ 36	— 20	+ 162	— 16	— 208	— 82	— 46	— 158	— 14	— 36	+ 129	— 79	+ 33
Southern Circle	1894–95	574	29	1,466	733	328	2,556	3,130	819	195	1,502	316	2,832	298
	1895–96	298	62	892	837	260	2,051	2,349	690	195	799	247	1,931	418
	Difference in favour or against the year under report	— 276	+ 33	— 574	+ 104	— 68	— 505	— 781	— 129	..	— 703	— 69	— 901	+ 120
Total for the Presidency	1894–95	1,604	79	5,093	3,654	1,057	9,883	11,487	3,289	750	5,109	904	10,052	1,435
	1895–96	1,365	94	4,930	3,829	757	9,610	10,975	3,066	796	4,531	1,009	9,402	1,573
	Difference in favour or against the year under report	— 239	+ 15	— 163	+ 175	— 300	— 273	— 512	— 223	+ 46	— 578	+ 105	— 650	+ 138

* Revised figures; for explanation (*vide* Form No. 60).

28. The number of cases pending at the beginning of the year is shown as 1,365 against 1,435, which was the closing balance of 1894–95. The variations occur in *Vizagapatam* and *Gódávari* in the *Northern Circle*, and in *Salem* in the *Central Circle*. In *Vizagapatam* only eleven of the ninety cases pending at the close of 1894–95 were taken up, the rest being only occurrence reports based on insufficient grounds. The variations in the other two districts have not been explained by the Collectors concerned. The total number of new cases during the year shows a decrease of 273 cases or a little less than 3 per cent. on the preceding year's total for the Presidency. There was an increase of 314 cases or 12 per cent. in the *Northern Circle* and a decrease of 82 and 505 cases or about 2 and 20 per cent. in the *Central* and *Southern Circles*, respectively. The number of cases of injury by fire diminished largely in the *Central Circle* and increased in the other two *Circles*, principally in *Gódávari* in the *Northern Circle* and *Madura* in the *Southern Circle*.

The number of cases of unauthorized felling or appropriation of wood and minor forest produce rose chiefly in *Kurnool* and *Bellary* in the *Northern Circle*, and in *Chingleput* and *South Arcot* in the *Central Circle*, while the number in the *Southern Circle* showed a large falling off which occurred mainly in *South Canara*. The increase in the *Northern Circle* was partly counterbalanced by the decrease in *Anantapur*, where concessions were made regarding removals from unreserved lands. The rise in *Bellary* was due to better supervision, and the chief offences were for taking fuel for jaggery boiling. The increase in *Chingleput* is ascribed to better supervision, and that in *South Arcot* to occurrence of cases in unreserved lands under the general supervision of the Forest Department. The increase in these districts was, however, counterbalanced to a degree by a decrease in *Salem*. The agricultural season in the district was favourable during the year, and there was therefore less temptation for poorer classes of people to commit forest offences. The large decrease in *South Canara* is ascribed, as reported last year, to the system of registering forest offences as petty or grave, whereby the accused in the former class were let off with a warning, except in a few instances where such offences were constantly repeated, or where an old offender was concerned. The Conservator, Southern Circle, remarks that "the system is considered to have worked well, but introduced as it was only in the middle of 1894–95, it is early to say with certainty whether it has resulted in more respect being shown for our regulations."

The detection under illicit grazing has increased in the *Northern Circle* mainly in *Kistna*, *Kurnool* and *Anantapur*, and in the *Southern Circle* principally in *Madura*. The increase in *Kistna* is ascribed to the refusal of the graziers in certain villages to take out permits, under the mistaken impression that as Government had opened a few reserves it would eventually throw open the rest also. The rise in *Kurnool* was due to the increased strength of the patrolling establishment, while that in *Anantapur* has not been explained. *Ganjám* and *Vizagapatam* on the other hand show a decrease. There were fewer attempts at illicit grazing in *Ganjám*, where cattle-owners are said to be beginning to learn that it is far more advantageous to graze with a license than to do so without one, and this is borne out by the increased collection under grazing fees during the year. The fall in the number of cases in *Anantapur* has not been explained. The large increase in *Madura* is ascribed to the system introduced in the district of registering all cases, including those in which offenders were unknown. There was a falling off in the number of cases of illicit grazing in *South Coimbatore* due to lands in Palladam being declared unreserved. Grazing offences in the *Central Circle* show a decrease on the whole. There was an increase in *Cuddapah*, *Chingleput* and *Salem* which was more than counterbalanced by the large diminution in *South Arcot* and *Trichinopoly* due to better supervision. The increase in *Cuddapah* is the result of illicit browsing of goats and that in *Chingleput* and *Salem* has not been explained.

The number of cases under other offences shows a decrease in all the circles, notably in *Vizagapatam* in the *Northern Circle*, and *Cuddapah* and *South Arcot* in the *Central Circle*. In *Vizagapatam* the decrease is explained by the fact that in the last year cases not falling under "other offences" were erroneously shown thereunder by the Magistracy.

29. The percentage of cases (1) withdrawn, (2) compounded and (3) prosecuted to cases disposed of during the year as compared with the results of the preceding year, is as follows:—

Name of Circle.	Year.	Percentage of cases withdrawn to cases disposed of.	Percentage of cases compounded to cases disposed of.	Percentage of cases prosecuted to cases disposed of.	Percentage of acquittals to cases dealt with by the Magistracy.
1	2	3	4	5	6
Northern Circle	1894–95	10	45	45	20
	1895–96	10·8	45·4	43·8	23
Central ,, ...	1894–95	7	53	40	17
	1895–96	9·8	52·7	37·5	18
Southern ,, ...	1894–95	11	53	36	19
	1895–96	12·8	41·4	45·8	22
Total ..	1894–95	9	51	40	18
	1895–96	10·7	48·2	41	20·5

The variations in the percentages of cases prosecuted are accounted for by the variations in the percentages of cases withdrawn and compounded.

The percentages of acquittals to cases dealt with by the Magistracy have risen in all circles during the year. The increase for the Presidency amounts to 2 per cent., and it should not be taken generally as testifying to carelessness on the part of officers in sending up or conducting cases before Magistrates. It is true that cases are sometimes unavoidably entrusted to ill-educated inferior subordinates and result in acquittals; it has also to be borne in mind that in the majority of cases the only evidence procurable is that of a poorly-paid watcher or guard, and that often Magistrates refuse to accept this unsupported evidence. Tampering with prosecution witnesses is also not unknown. Taking the Presidency as a whole, and having regard to the large number of cases sent before the Magistrates and the extent of a Range officer's charge, 20 per cent. of acquittals may be considered as a moderate figure.

The districts of *Gódávari* and *Kurnool* in the *Northern Circle*, *Nellore* in the *Central*, and *South Canara*, *Nilgiris*, *Tinnevelly* and *North Malabar* in the *Southern Circle* chiefly contributed to the increase. The percentage in *Gódávari* rose from 20 to 29, while that in *Kurnool* from 22 to 32. The increase in the latter district is ascribed to the conduct of cases being necessarily entrusted to inexperienced foresters or ignorant forest guards, while the accused were defended by experienced pleaders. The percentage of acquittals in *Nellore* rose from 15 to 21 and no explanation has been furnished by the Collector for the increase. There was an increase of 9 and 13 per cent. in *South Canara* and *Nilgiris*, and 21 per cent. each in *Tinnevelly* and *North Malabar*. The increase in *Nilgiris* and *North Malabar* has not been accounted for. The failure on the part of the watchers in *South Canara* to withstand cross examination, and the unsuccessful prosecution of under-aged boys in cases of illicit grazing in *Tinnevelly* swelled the percentage of acquittals in these districts. There was a decrease of 12 per cent. in *Vizagapatam*, due to careful enquiries insisted on by the District Forest-officer on the part of Range officers before sanctioning prosecutions, 10 per cent. in *Bellary* and 23 per cent. in *South Malabar*. In the latter district four out of the five acquitted cases related to tresspass and unauthorised felling and removal of trees in escheat lands selected for reservation, and as the title of the Government to these lands could not be proved, the cases were acquitted. The variations in the other districts are small and call for no remarks.

The percentage of cases withdrawn to cases disposed of during the year shows a small increase for the Presidency. The increase occurred principally in *Ganjám* and *Gódávari* in the *Northern Circle*, *Nellore* and *Tanjore* in the *Central Circle*, and *North Coimbatore* in the *Southern Circle*. The percentage in *Ganjám* rose from 16 to 21 on account of withdrawals of cases in which the evidence was not strong enough to ensure conviction, though many could have been compounded. There was an increase of 8 per cent. in *Gódávari*, 6 in *Nellore*, 9 in *Tanjore* and 10 in *North Coimbatore* for which no explanation has been furnished. The percentage of cases compounded to cases

disposed of shows a decrease in all the circles except the *Northern Circle*, where it has risen by only ·4 per cent. The total for the Presidency shows a fall of 2·8 per cent. In the *Northern Circle* the decrease occurred chiefly in *Ganjám*, *Kistna* and *Kurnool*. There was a large increase in the percentage in *Vizagapatam* and *Bellary*. In the former district the people, especially in the Sarvasiddhi taluk, are said to be becoming better acquainted with the provisions of the Forest laws, and to prefer, when guilty, to pay a small compensation rather than go to court. The increase in *Bellary* consists of illicit felling of fuel for jaggery boiling, referred to above, and illicit tapping of date trees. The former class of offences was compounded to avoid inconvenience to the ryots and the latter also similarly treated, because they were committed under a misapprehension that they would be leniently dealt with. There was a considerable increase also in *Tanjore* in the *Central Circle* and *Tinnevelly* in the *Southern Circle*. The rise in *Tinnevelly* is attributed to the fact that the District Magistrate directed Magistrates to give the accused a final chance to pay the composition fees when they appeared in court, instead of standing their trial. The following statement shows the amount of compensation realized during the year as compared with that in preceding year:—

Name of Circle.	Year.	Amount of compensation realized.	Average amount per case.	Average amount per person accused.
		RS.	RS. A. P.	RS. A. P.
Northern Circle	1894–95 ..	11,443	10 5 0	3 9 0
	1895–96 ..	13,512	10 6 5	3 8 1
Central ,, ...	1894–95 ..	22,624	9 1 0	3 4 0
	1895–96 ..	15,806	6 4 2	2 3 2
Southern ,, ...	1894–95 ..	10,551	7 0 0	3 5 0
	1895–96 ..	(*a*) 5,821	7 3 5	2 6 4
Total for the Presidency ..	1894–95 ..	44,618	8 12 0	3 5 0
	1895–96 ..	35,139	7 7 6	2 7 10

(*a*) Figures for Malabar, North and South, have not been furnished, except a sum of Rs. 100 stated in the report for the Northern Division to have been levied as compensation in one case. In striking the average the number of cases and persons entered against South Malabar has been omitted.

The average for the Presidency per case and per person accused shows a decrease of Rs. 1–4–6 and As. 13–2, respectively. The decrease occurred mainly in *Ganjám* in the *Northern Circle*, *North Arcot* and *South Arcot* in the *Central Circle* and *South Canara* and *North Coimbatore* in the *Southern Circle*. In *Ganjám* the discontinuance of the practice of compounding all grazing offences for twice the grazing fees contributed to the decrease. Each case is dealt with separately now. In *North Arcot* many offences punished by impounding the animals have been condoned, and there has been a reduction in the rate of compensation fees demanded. No explanation has been furnished for the decrease in the other districts.

30. In paragraph 9 of its review on the report for 1894–95, Government remarked with reference to the alleged illicit grazing in the Tiruvannámalai range of the *South Arcot* district, that the rates of composition for grazing offences in the range should either be raised, or more ample provision should be made for the grazing requirements of the neighbourhood. The matter formed the subject of inquiry during the year. From the Collector's report since received and submitted to Government, it is apparent that provision for goat browsing is the difficulty. The area of Government unreserved uncultivated lands in the taluk amounts to 119,900 acres or 20 per cent. of the total area. It would be impossible to make provision in this range for goat browsing in the reserved forests without prejudicing the interests of agriculturists. The area available for grazing their cattle is far from excessive. After full consideration, the Board has come to the conclusion that an enhanced pound fee should be imposed in the case of goats.

31. Of the cases during the year the following may be considered as of some importance. In *Kurnool* there was a series of cases of removal of first-class timber from the Nallamalais, and one of systematic theft of engine fuel from the Pattikonda taluk sold to the Madras Railway at Gooty. The former cases remained mostly undisposed of, and in the latter the principal accused was fined Rs. 100, and the Range officer is

under trial for abetting and aiding him. One case of surreptitious mining for mica in the Rapur taluk and another of illicit cutting of red-wood posts in the Veligondas of the same taluk occurred in *Nellore*, and were pending at the closeof the year. The case in which guard and watchmen in *South Arcot*, referred to in the report for 1894–95, were severely handled while engaged in detection resulted in the conviction of the accused in the lower court. The conviction was annulled by the Joint Magistrate on appeal. There was during the year one case of illicit felling by a demarcation contractor of a large number of babul trees in the Villupuram Range. In *South Canara* Kora Nair, landlord of a large estate, committed mischief by burning a block of Government forest which he claimed as part of one of his villages. He was proved to be guilty and fined Rs. 500 by the Sub-Magistrate, and the conviction was upheld in the Sessions Court. Another prosecution against the same individual for digging a pit in a reserved land for capturing an elephant was pending at the close of the year. In *North Malabar* there occurred two serious cases of illicit felling and removal of timber, in each of which the accused were fined Rs. 100 and the timber confiscated. In *North Coimbatore* a series of systematic thefts of sandalwood was detected during the year. The District Forest-officer was successful in the prosecution of the smaller men but failed in the most important one, in so far that the accused got off on appeal. The main point discovered was the connivance of Government servants, in both Revenue and Forest Departments, in the fraudulent alienation of Government sandal trees to applicants for land on *pattas*. It is satisfactory to note that the Collector has decided upon a systematic enquiry into the ownership of sandal trees and their registration. The number of cases pending at the close of the year was 1,573 against 1,365 at its commencement. The increase is spread over several districts, *Bellary*, *Cuddapah*, *South Canara* and *Madura* contributing most.

(2) Protection from fire.

32. The results of fire conservancy operations compared with those of the year preceding are exhibited in the following statement :—

Fire-protection.

Circle.	During 1894–95.			During 1895–96.		
	Area attempted in square miles.	Percentage of area attempted which escaped fire.	Average cost per square mile.	Area attempted in square miles.	Percentage of area attempted which escaped fire.	Average cost per square mile.
			RS. A. P.			RS. A. P.
Northern ..	1,128	93	10 14 3	1,198	89·5	11 9 4
Central ..	2,517	94	5 2 8	2,517	96	4 15 5
Southern ..	1,334	94	12 11 11	1,879	93	8 7 1
Total ..	4,979	94	8 7 11	5,594	94	7 8 10

There was an increase of 615 square miles in the area attempted to be protected, while the cost incurred, amounting to Rs. 42,243 as per Form No. 51, shows a slight decrease of Rs. 52 on the previous year's expenditure which amounted to Rs. 42,295. When compared with the rate for the previous year, the average cost per square mile is higher in the *Northern Circle*, and lower in the other two circles as well as for the Presidency taken as a whole. The increased cost in the *Northern Circle* was, in a great measure, due to extended operations in *Bellary*; in the leased forests lines were widened, new lines were cut and inspection paths opened. In the majority of districts fire-protective measures are confined to the entertainment of fire-patrols. In *Ganjám* the inspection paths in Goomsur serve as fire traces and are kept cleared by the patrols. In *Bellary* two guide lines are cut, 10 feet wide, enclosing an uncut space of 40 to 100 feet according to locality, and the space between is burnt off. In *Anantapur* and *South Coimbatore* outer lines, 30 feet wide, are cleared and burnt and the blocks are subdivided into compartments by means of cross traces, 10 feet or more wide. The fire-patrols clear the traces of all subsequent accumulations of leaves, &c. In *Nellore* no fire

lines nor fire traces were made, and the protection consisted in watching and protecting the jungles. In *North Arcot* only a few of the reserves are protected by special fire lines. The ordinary outer and internal demarcation lines cleared before the commencement of the fire season serve as fire lines, and protection is generally confined to these, augmented by a staff of watchers. In *South Arcot* the system of fire protection adopted consisted generally of clearing lines, fire tracing the same and posting fire-patrols to extinguish fires. There has been no regular scheme of fire lines and patrol in *Madura*. Fire-protection was of a very general description consisting in some cases of employment of fire-patrols, who had no lines to patrol, and in others of lines which were merely traced without any cleaning and without any definite prescriptions as to the points of beginning or end and breadth of line in particular parts. It is noted that an attempt is being made to systematize protection.

33. The area burnt is reported at 10·5 per cent. of the area attempted in the *Northern Circle* and at 4 and 7 per cent. in the *Central* and *Southern Circles* against 7, 6 and 6 per cent., respectively, in the previous year. The percentage for the several districts as compared with figures for 1894–95 is presented in the following statement :—

Northern Circle.			Central Circle.			Southern Circle.		
Districts.	Percentage of fires to area attempted in 1894–95.	Percentage of fires to area attempted in 1895–96.	Districts.	Percentage of fires to area attempted in 1894–95.	Percentage of fires to area attempted in 1895–96.	Districts.	Percentage of fires to area attempted in 1894–95.	Percentage of fires to area attempted in 1895–96.
Ganjám ..	2	5	Cuddapah ..	13	7	South Canara ..	5	1
Vizagapatam ..	..	13	Nellore ..	..	2	North Malabar ..	17	66
Gódávari ..	5	3	Chingleput ..	..	2	South do. ..	..	..
Kistna ..	8	15	North Arcot ..	2	3	Nilgiris ..	2	1
Kurnool ..	33	23	South do. ..	4	2	North Coimbatore.	8	..
Bellary ..	9	13	Salem ..	2	3	South do.	8	1
Anantapur ..	1	8	Trichinopoly ..	..	..	Madura ..	3	4
			Tanjore ..	..	..	Tinnevelly ..	11	2
	7	10·5		6	4		6	7

In *Vizagapatam*, the operations were small. 87 per cent. in two taluks escaped, the returns from the other taluks have not been given. The fires in Golgonda were due to neglect of the Range officer and his subordinates. The year was a disastrous one for fires in protected forest areas in *Kistna*. The rainfall was very short in the upland taluks between October 1895 and June 1896. There was a number of fires chiefly incendiary, in one case fire crossed from the *Kurnool* side. An attempt was started to demarcate this boundary with a 40 feet line, but owing to the inaccuracy of the Palnad taluk map, work was deferred pending receipt of a revised map from the Survey Department. The results in Kurnool, compared with those of 1894–95, are satisfactory. The vegetation is dense in this district and the grass in parts very high. The main paths were regularly cleared during the year to facilitate inspection, and reduce the danger of the temptation to fire the forest for facility of locomotion. In *Bellary*, the total area protected from fire amounted to 87 per cent. of that attempted under rigid protection and 91 of that under partial protection. The area burnt in the Sandur leased forests was 7,000 acres against 4,916 acres in the preceding year. There were in all 10 fires in *Anantapur* extending over an estimated area of 10,000 acres. They were apparently caused by graziers firing the unreserved forests. The percentage of failure was higher than the previous year's, owing to the exceptionally high winds that prevailed during the fire season. In *Nellore* there was a small percentage of failures. In all these cases, the fires spread from *Cuddapah* and *Kurnool* and from the zemindari tracts; this can only be expected under the present system. In *Chingleput* there were three cases of fires. One spread from the Kálahasti zemindari forest, which evidently proves that the fire lines had not been properly cleared. The area affected was not large and only the undergrowth was burnt. Several important reserves in *North Arcot* were burnt; the fires were due to incendiarism. In *Trichinopoly* and *Tanjore* fires did not occur owing to the scarcity of

undergrowth. The success in *South Canara* was due to the favourable season and timely rains. The poor results attained in *North Malabar* are largely due to another very dry season, the early rains having been very scanty. The fires were most destructive in the Chedleth range where the whole of the Kurchiyot forest, except 200 acres, and of the Rampur and Mavanhulla blocks were burnt over. The rank undergrowth in the first-named forest and the partial protection of the other two (for want of funds to employ a larger number of patrols) were the cause. There was only one fire in *South Malabar* due to incendiarism. The area affected was only 100 acres, and the offenders were convicted and sentenced to imprisonment. The success in *North Coimbatore* and *Tinnevelly* is due to efficient supervision. In regard to *South Coimbatore* the Conservator, Southern Circle, remarks: "It is regretted that fire entered the coupes of recent years which should be most rigidly protected by lines and patrols. Some improvement in detail of fire traces is reported. The area under protection remains the same as in the previous year. Maps showing portions burnt are now kept up." The result in *Tinnevelly* is satisfactory. The area specially protected has been reduced and will be further reduced when working circles have been formed and working plans formulated. During the year under report only such areas as have been worked over as coupes in the past and those areas, which the District Forest-officer contemplates immediately bringing under working schemes, have been specially protected.

(3) Regulation of grazing and protection from cattle.

34. Grazing is permitted free in unreserved lands and on payment in reserved lands and reserved forests. No limit is as a rule fixed at present upon the number of cattle to be admitted in each reserve; if prescribed, it could not be enforced by the existing staff. But where the number of cattle admitted is regulated by the extent of pasture available, preference is invariably given to cattle of the adjoining villages. With the exception of plantations, coupes closed for regeneration fellings and areas under special fire-protection, all forests are open to grazing.

The leasing system of grazing has, in most districts, been abolished in favour of permits. In *Kurnool* it prevailed to a small extent, while in *Nellore* it was continued in the case of reserved lands, permits having been for the first time issued during the year for grazing in reserved forests. On the *Nilgiris* an experimental lease, the first of its kind, was granted to a coffee-planter for grazing a fixed number of cattle over a block, with permission to allow adjoining ryots to graze free if the lessee did not graze the full number of cattle. In granting this lease it is said that the interests of the neighbouring ryots had been carefully consulted. In *Trichinopoly* the right to graze in the padugais is sold in auction.

The desirability of making provision for goat browsing in some districts has been recognized and Collectors have been asked to arrange details so as to suit the condition of their districts. In *Kistna*, *Kurnool*, *Bellary*, *Nellore* and *Chingleput* special areas were set apart for goat browsing. In *Cuddapah* goat browsing was disallowed throughout the district except under special circumstances. Except in a few districts sheep were allowed in reserves.

The fees charged for grazing being very low it has been decided to abolish the distinction between privileged and non-privileged animals, but the orders did not affect the year under report.

Information showing the area of forest reserves closed to grazing, the area grazed over and the average number of cattle grazed per square mile during the year is given in appendix F.

(c) *Improvement of forest growth.*

(1) Natural reproduction

35. The following has been culled from the district reports:—

Northern Circle.

In *Ganjam* reproduction of sal continues excellent. During May, the sal tracts were ravaged by caterpillars which devoured all the new leaves. Traces of the damage were noticeable throughout the district. In *Vizagapatam*, the growth of coppice, particularly *Chloroxylon Swietenia* (satinwood) and *Acacia Sundra*, is encouraging in closed areas except in the Agency tracts where reproduction is checked by the annual fires. In *Góddávari* there is a promising growth of *Terminalia tomentosa*, *Xylia dolabriformis* (Ironwood) and ebony reported from Peddapuram. *Mallotus philippinensis* (the fruit of which yields a valuable dye) has seeded well during the year. The closed areas in the Rajahmundry Range show improvement. In the Agency tracts on the contrary, much injury is done to reproduction by the uncontrolled grazing. In *Kistna* it has been fairly proved that the rings of *Hardwickia binata* are annual. It was found that the annual growth in diameter of the mangrove (*Avicennia*) amounts to nearly an inch and from 1 to 2 feet in height. It is considered that the spurious rings are monthly and are probably due to the different conditions of nutrition caused by the spring and neap tides. Attempts were made to coppice casuarina—only 10 per cent. threw out shoots. In *Kurnool*, the most striking natural reproduction is that of bamboos. In 1892 bamboos seeded extensively and patches in the Nallamalais are now absolutely impenetrable on account of the dense growth of young bamboos. The coppice growth in the Chelama block continues satisfactory. An area of 120 acres was felled over during the year; inferior species were girdled and the valuable ones cut back and the stumps trimmed. In *Bellary*, reproduction is good in Ramandrug, and in parts of Donimalai and North-East Ranges. Bamboo seedlings have come up in compartment No. VI of Ramandrug and in parts of Donimalai. A great number of sandalwood seedlings was noticed in the Ramandrug Range chiefly in compartment No. 10. In a few of the closed forests in Kudligi, reproduction of *Hardwickia binata* and *Anogeissus latifolia* has been noticed, but on the whole it is poor. Owing to neglect by the Range officer, the results of closing the five-acre plots referred to in the last year's report are so far valueless. Reproduction of date and palmyra in Wontikallu, Kuppagal, Bellagallu, Tungabhadra and Basapuram reserves continues to be good. Coppice re-growth in the portions felled over in the Ramandrug Range is fairly good as also in the Donimalai and North-East Ranges where thinnings were carried out. In *Anantapur* reproduction is generally very backward, and the small sample areas referred to in the last year's report show no sign of improvement.

Central Circle.

In *Cuddapah* reproduction from seed and coppice has been, on the whole, satisfactory *Pongamia glabra*, *Melia indica*, *Cassia Fistula* and *Albizzia amara* are reported to reproduce themselves well from seed and the last-named two species from coppice. An experiment is being tried in this district with a view of collecting notes on the results of coppicing. It consists of two areas of 12 acres each—one in a well-protected block (from fire and goats) and the other in an ordinary reserved forest liable to accidents. One acre monthly is being cut in each. In *Nellore* *Albizzia amara*, *Memecylon edule*, *Eugenia Jambolana* and *Glycosmis pentaphylla* have coppiced well. In *Chingleput* little or no reproduction from seed is reported, that from coppice in coupes continues to be good. Bamboo seedlings were plentiful in the Nagalapuram valley. In the protected areas of the Javadis in the *North Arcot* district sandalwood seedlings are plentiful. Coppice growth of red sanders and *Hardwickia* continues good in the coupes. The young bamboo plants, which appeared in 1892–93 when there was a general seeding, are making good progress. *Chloroxylon Swietenia* (satinwood) and *Anogeissus latifolia* continue to come up well in the coupes. These two species appear together everywhere and thrive apparently under similar conditions of soil and climate. In the burnt areas of Palmanér and Vellore, *Anogeissus* suffered considerably more than the other. The coppice shoots of casuarina, in the low-lying river plantations have entirely died out. Those on the Palmanér plateau have established themselves. On the whole, it has been a bad year for seed reproduction and an unfavourable one for coppice owing to deficient rainfall for two successive seasons. In *South Arcot* reproduction from seed and coppice is satisfactory in coupes protected from grazing and fire and on the Tenmalai Hills which have been thrown open to light grazing. The reproduction of *Albizzia amara*, *Acacia arabica*, *Dalbergia paniculata*, *Grewia lævigata*, *Acacia leucophlœa* and *Memecylon tinctoria* in reserved areas is satisfactory throughout the district. *Bambusa arundinacea* continue to seed profusely on the Tenmalais. In the relief camp tope in the Tindivanam Range self-sown seedlings of *ceara rubber* spring up in abundance in sheltered parts; and in the Coleroon delta tracts, the reproduction of mangrove (*Rhizophoreæ*) has been very marked. In *Salem* reproduction has been generally fair in fuel coupes. In the sandalwood tracts in the Hosúr Range few seedlings can be found. This is undoubtedly ascribable to grazing. In *Trichinopoly* reproduction from seed and coppice continues satisfactory in the Cauvery padugais. In *Tanjore* natural reproduction from seed is not promising, the dry sandy nature of the soil being unfavourable. The growth from coppice is good except casuarina.

Southern Circle.

In *Tinnevelly* regeneration from coppice is good in the ghat forests. The reproduction of Konga (*Hopea Wightiana* and *Hopea parviflora*) is satisfactory in the ever-green forests of the Ambásamudram Range. The sandalwood seedlings in the Alagarkoil valley continue to thrive. The coppice shoots in the first coupe of Padarmalai block of the Mundanthorai working circle are fairly strong particularly those of teak. In *Madura* coppice growth in the coupes is good, the most noticeable species being *Albizzia amara*, *Wrightia tinctoria* and *Chloroxylon Swietenia*. In *North Coimbatore* the natural reproduction of valuable species is by no means satisfactory. Teak appears to spring up from seed and is then burnt back producing inferior coppice shoots. A fair young growth of blackwood (*Dalbergia latifolia*) is noticeable in places, probably from

root shoots. Coppice of satinwood (*Chloroxylon Swietenia*) in the coupes recently cut over is good. Natural reproduction of sandalwood is good particularly in the Kollegál blocks which for some time have been under protection. In the neighbourhood of Osahatti and Kothada, areas are completely stocked. In *South Coimbatore* (Tunacadavu Range) reproduction of teak is much injured by the dense growth of heavy standing trees such as *Terminalias*, *Grewias*, &c. On the other hand admission of light is followed by drawbacks notably the spread of bamboos and lantana. Regeneration from seed and coppice is satisfactory in the Pollachi Range and coppice growth in the Bolampatti and Sholakarai Ranges is good. On the Nilgiris reproduction is excellent in sholas and plantations and on the northern slopes and in the Wynaad forests. On the Coonoor slopes there is a marked absence of seedlings of the better kinds. The young bamboos flourish in spite of fires. The regrowth in the Mudumalai leased forests is for the most part of the inferior species and the question for consideration is whether the growth of valuable timber can be hoped for without resort to planting. Sandalwood flourishes in the ravines and sheltered places. In the Moyar reserve, the reproduction of teak (*Tectona grandis*), blackwood (*Dalbergia latifolia*), vengai (*Pterocarpus Marsupium*) and some other useful timbers is very fair especially in fire-protected areas. Mr. Popert's suggestions for the working of the Anamalai forests in South Coimbatore and of the Mudumalai and Benne reserved forests in Nilgiris to improve them by means of natural and artificial reproduction formed the subject of deliberations by the Collectors concerned. The proposals of the Collector of Nilgiris were received during the year, and agree with the course of action recommended by Mr. Popert. Those of the Collector of Coimbatore were not received within the year. In *North Malabar* seed of the more valuable species is reported to germinate readily, but the seedlings die off in the dry season. The bamboo is a prominent exception, for seedlings are not only numerous but survive the drought. In *South Malabar* reproduction of teak in the Amarampalem Range is limited to coppice; benteak (*Lagerstræmia microcarpa*) and blackwood (*Dalbergia latifolia*) reproduce well from seed. Bamboos seeded freely during the year on the hills in the newly added Amarampalem forest. In Chathamparai teak stumps have coppiced vigorously after the thinnings of 1894–95; in Walayar coppice growth is slow. The reproduction by seed in Chenat Nair is progressing favourably. In *South Canara* seedlings are to be found in all blocks in the Catechu forests. The coppice growth is good, the shoots being about three feet high in the area felled last March. The coppice growth on the areas felled by contractors for fuel is very good, two years' old coppice now standing about fifteen feet high. In all protected blocks reproduction is good. Tirwa, (*Xylia dolabriformis*) takes the lead generally but in suitable localities other species hold their own.

(2) Artificial Reproduction, Plantations and Cultural Operations.

36. The area under plantations, topes and cultural operations, together with the cost incurred during the year under report is given in Form Nos. 53 and 54.

The following is a brief summary of the year's work :—

In the Agusti Nowgam casuarina plantations in *Ganjám* one hundred acres were planted at a cost of Rs. 5,598. The number of trees put down amounted to 119,716, bringing up the total to 258,693. The plantation is in good order, but the plants on the seaward slopes suffer from the drifting sands. In *Gódávari*, *Kistna* and *Kurnool* planting operations were carried on on a small scale. In *Bellary* the chief work consisted in planting out 4,500 plants in the Kuppagal reserve of *Inga dulcis*, *Albizzia Lebbek*, *Santalinus album*, *Albizzia amara*, *Hardwickia binata* and tamarind. One acre was planted in the Tungabhadra reserve with 430 seedlings of *Dalbergia Sissoo*, *Inga dulcis*, *Hardwickia*, *Albizzia amara* and *Bassia* and 200 plants of *Albizzia Lebbek* were put down in Ganikallu reserve. The *Inga dulcis* seedlings were much attacked by white ants. In the Malapanagudi block 1,037 plants of *Hardwickia* were put down and are doing well. The subject of extending the artificial plantation of date trees directed by Government in its order on the last year's report is receiving attention in *Anantapur*.

One hundred and five acres in *Nellore* were planted out with casuarina round wells. Sixty-nine thousand three hundred seedlings were put out at a cost of Rs. 1,155, the average cost per acre being Rs. 11. Nearly 10 per cent. died, but have been replaced within the year. They are in good condition. No fresh plantings of cashew were undertaken at Tammanapatam except the replacement of casualties. The condition of the Date plantations at Sríharikóta and Allipurám is far from satisfactory. In *North Arcot* the casualties amongst the casuarina plants of previous years have been less owing to the absence of strong hot winds in April and May. It is noteworthy that fully-stocked plantations which for the first two or three years, appear perfectly healthy and vigorous when they attain four or five years suddenly die out. No satisfactory reason can be assigned and it is a matter for consideration whether casuarina planting should not be altogether given up and the areas stocked with indigenous trees. Besides re-stocking the blanks, thirteen acres were newly planted during the year. The expenditure incurred was Rs. 6,328 against Rs. 5,237 in the previous year and includes besides cost of re-planting that of watering transplants of previous years. Seventy-nine acres were planted with casuarina in *South Arcot* at an average cost of Rs. 13 per acre against Rs. 9 per acre in the previous year. The increase is ascribed to the prolonged period for which watering

had to be undertaken owing to the entire failure of rain between January and June. The plants put out in the previous years were also watered wherever necessary. The casuarina seedlings obtained from the Tenasserim seeds referred to in the previous year's report were planted during the year in an acre of ground in the 19-acre coupe of Shonankuppam plantation. The plants are in a healthy condition and promise well. In *Trichinopoly* in a selected block in Yesanai village thirty acres were sown with cashew. There have been many casualties during the hot weather; the survivors are reported to be from 1 to 2 feet high. A system of giving free on short lease, small areas of padugai land, to ryots on condition of their planting them up with casuarina, 9 feet, apart has been introduced. It is reported to have succeeded fairly well. In *Tanjore* thirty-six acres were planted with casuarina at varying distances. Planting 6 feet apart so far promises to give the best results. In Tirumalaivasal there has been considerable mortality in both young and older plantations. The cause is unknown but may be the exhaustion of the soil as those areas have already borne a crop of casuarina planted 6 feet apart.

In *Tinnevelly* it has been decided not to undertake works of re-planting until definite working plans are framed. Some palmyra seeds were however sown in Kudiramalai and have germinated. 21·77 acres were added to the Gundan shola plantations in the *Madura district*. In *Nilgiris* the work was limited to re-stocking blanks and to the Badaga plantations. There has been damage from cattle and the plants have died in large numbers. The result is not encouraging and the Conservator remarks that the matter will be referred to separately in his inspection report. Mr. Hooper considers that the Benne teak plantations have not proved a success. The growth has not been improved by the pruning carried out in recent years. The attempt at dibbling teak and mahogany in cleared lines in the forest near Benne has not been successful. Few plants are alive and the protection afforded has however resulted in the freeing of a well-distributed crop of natural vengai plants. Tuckle planting has also been introduced on a small scale, the cultivator giving his labour free. The result has been favourable. In *South Malabar* there was no teak planting pending orders on the working plan of the Nilambúr teak plantations, but blocks 1 to 9 were maintained and casualties replaced in the latter. Artificial reproduction was actively prosecuted in *North Malabar* in the form of tuckle planting with the object of transforming deserted patches of shifting cultivation into fully-stocked forests. The system had been commenced in the previous year. The species planted are teak, vengai and jack. On the whole they have done well. The system has been to pay the cultivators for surviving plants of a certain height at a fixed rate for plant established on abandoned ground and the Conservator of Forests, Southern Circle, remarks: "it is hoped that we shall secure good healthy plants without any such payments." The plantation of 1894 was in parts weeded. The plantations of teak are doing well, the average height of 20 years' old trees being 43 feet and girth 34 inches. Of the sandal planted in 1893, the survivors are healthy though few. In *South Canara* the casualties in the casuarina plantations were replaced to the extent of 5,000 seedlings. Sowing broad-cast in furrows and in patches generally failed. In Parappa 25 per cent. of the *Hopea* seedlings survived. In *Vizagapatam* date seeds have been sown in abandoned patta lands in the reserves. In *Bellary* two acres in the Kuppagal reserve were ploughed and sown broad-cast with seeds of various kinds. The seeds have germinated. The date and palmyra seedlings of the previous years in the Kuppagal, Ganikal, Badrabal, Banavosi and Chiribi reserves and the rain trees in the Munorigi reserve are flourishing. In Cuddapah eight acres of land near Peddamandam were sown with date seeds and ten acres in the Hassanapuram reserve, and fifty acres in Rámésvaram plantation with palmyra seeds. The date seeds were sown too late in the year to report upon their germination, but the palmyra seeds have germinated and are flourishing. An area of forty-two acres in the Dugarajapatam, Kottapatam and Tammanapatam plantations in the *Nellore district* were sown with seeds of various kinds in furrows. The seeds germinated freely, but most of the plants perished during the hot weather which was severe. There were also sowings in beds and open spaces. Casuarina seeds were sown in beds prepared and manured in one acre of the 1883 plantation in Tammanapatam. The seedlings came up well but were attacked by grasshoppers and destroyed. The beds were subsequently resown, but with partial success. In the Sríharikóta jungles seeds were sown in an open plot of fifteen acres and 10,000 seedlings were also planted out. Nearly 7,000 died during the hot weather and the remainder 4,000, including the survivals of last year, look healthy. In *North Arcot* a sum of Rs. 1,866 was spent on cultural operations in 15 reserves and topes, the area worked over being 1,562 acres. For the most part indigenous species were raised in nurseries and planted out, the most important ones being sandal, teak and red sanders. Unlike casuarina, these plants have as a rule not been watered except for a day or so after they were put out. The result has been on the whole far from satisfactory owing to the dryness of the past season. In *South Arcot* one hundred and sixty-four acres in the Cuddalore Range were leased out on 3 to 5 years' cowle to ryots on condition of their raising a growth of cashew plants 6 feet apart and surrendering them at the end of the period, the ryots being permitted to cultivate cereals on the land during this period. The plants thus raised are in good condition, their height ranging from 1½ to 3 feet. The cashew plants raised on the same principle in the previous years over an area of one hundred and forty-four acres are 5 feet high. Seeds of various kinds were sown in different parts of the district, and except in the case of *babul* the attempt has been a failure owing to prolonged drought. A large number of bamboo plants was also put out and all, except those put out direct from seed-beds without being previously transplanted in baskets, are flourishing. An area of forty acres in

Tanjore was ploughed and sown with seeds of various species, but after germination the plants perished during the hot weather. In *North Coimbatore* the Hassanur compartment has been divided into sub-compartments to be taken up in rotation with a view to assisting the natural regeneration of sandal. Sandal seeds have been dibbled over seven acres in patches of scrub where no sandal plants exist.

(3) Early thinnings; (4) Other operations for the improvement of the growing stock.

37. There is but little to be said under these heads. The establishment is undermanned and with its attention fully absorbed in selecting areas for further reservation, in forest settlement and in demarcation work it is impossible to expect better results. Only in *Bellary*, *South Malabar* and *South Canara* have there been any thinnings. This operation was undertaken in the interest of *Hopea parviflora* and *Myristica malabarica* in the last-named district. In *South Malabar* 550 acres of teak plantations were operated on during the year according to the working plan, the number of trees thinned being 27,935. Two hundred acres of the Chiribi reserve were thinned out and the outturn realised a profit. The work of freeing the growing stock by cutting out destructive climbers was attended to in several districts. The cutting of creepers and the cleaning of undergrowth were carried out to some extent in *Kurnool*, *Cuddapah*, *Nilgiris*, and *South Coimbatore*, and in the last-named division the rubbish also was cleared and burnt over 282 acres in the Sholakarai Working Circle. Prickly-pear was removed in *Salem*, *Trichinopoly* and *South Coimbatore*; and in *South Malabar* weeding, pruning and fencing operations were undertaken to a large extent.

(5) Experiments.

38. Experiments continued to be made during the year. Insects and late or insufficient rains have caused damage but the result on the whole may be regarded as satisfactory. The various kinds of exotics tried and the progress made during the year under report are shown below:—

Acer Campbelli.—In *Nilgiris* there are only three plants of this species in Sim's Park. These are making slow progress.

Acrocarpus fraxinifolius.—The plants put out in previous years on Horselykonda in the *Cuddapah* district are doing well. In *South Coimbatore* the trial made at Mount Stuart with the seed sent by the Conservator proved unsuccessful. The failure was probably due to the seed having been received and sown late in the season.

African seeds.—These seeds were introduced in *Nilgiris* by the late Mr. Morgan, Deputy Conservator of Forests. In consultation with the Conservator, some seed was sown in Sim's Park and Rallia reserves on 6th June 1896, a portion has already germinated. Seven varieties of seeds were sent by the Conservator to *South Malabar* where they were received and sown late in the year.

Bahar grass.—The experimental sowing of this grass, referred to in last year's report, proved a complete failure. A small quantity of the seed tried at Mount Stuart in the *South Coimbatore division*, also shared the same fate.

In *South Coimbatore* offsets from the *Brandisii* bamboo clump were obtained from Nilambúr and put out on the bank of the Bhaváni river. The result is failure probably owing to want of attention on the part of the Range officer.

In *Nilgiris* the experiment with the Japanese bamboos has been abandoned with the sanction of Government as the bamboos have no commercial value. Offsets have, however, been distributed to the Government gardens and amongst the forest stations for ornamental purposes for which alone they are fitted. The *Dendrocalamus Sikkimensis* and *D. Hamiltonii* planted in 1889 have attained a height of 19¼ feet and 15 feet and girth of 5 inches and 3 inches respectively.

In *North Malabar* the *Bambusa vulgaris*, *Dendrocalamus longispathus*, *D. Brandisii*, *Cephalostachyum pergracile* and *Beesha travancorica* continue to grow excellently. The cuttings of the first named species put down during the last two years thrive extremely well.

In *South Malabar Dendrocalamus longispathus* and *Cephalostachyam pergracile* in Pokote and Mulathumanna and the *Dendrocalamus Brandisii* and *D. longispathus* planted along the river banks are doing well. The large clump of *D. Brandisii* in Iravellikava planted in 1879 continues to flourish and the largest culm measured 22½ inches against 20½ inches in the previous year. The four cuttings which struck root last year were transplanted in July 1895 in other plantations but all died. Out of the 100 planted in the end of June 1895, 25 struck roots, but these will not be planted out for another year. Some additional nodes were planted in June 1896.

In *South Canara* the clumps of *D. Longispathus* are doing poorly in Coondapoor, being only 10 to 25 feet high but flourish well on the banks of the Coomardevi in the Puttur range where they are 50 to 60 feet high. Some bamboo seed of *D. Brandisii* was received from Burma and sown in suitable localities.

Bixa orellana in *North Malabar* is growing well.

Burcklandia populnea.—Out of the two lots planted in 1887 and 1888 in *Nilgiris* the first has done well.

Causerina suberosa.—These plants are in *Nilgiris* and are of very good growth, with a height of 22 feet and girth 11 inches.

Ceara rubber.—In *Ganjám* an area of 3 acres in Napier's Park at Chatrapur was planted with India rubber seedlings and they are doing well, their height ranging from 4 to 9 feet. The sowing of rubber seed in *Gódávari* was unsuccessful.

In *South Arcot* there were at the close of the year 410 trees including the self-sown seedlings (295) during the year.

In *North Malabar*, the sample rubber sent to Kew last year was reported on by the Director, Royal Garden, as follows:—

First sample.—Well cured, but cuts very wet, value 1*s* 6*d* to 1*s* 8*d* per lb.

Second sample.—Well cured, dry, rather barky, value 1*s* 9*d* to 2*s* per lb.

It is proposed to tap the trees after the rains in order to obtain statistics as to the average yield in rubber. The trees grow luxuriantly and reproduce themselves very freely.

In *South Malabar*, the *ceara* rubber trees are flourishing. The ceara reproduces itself everywhere in Nilambúr. Experimental tapping of the ceara rubber was made in April, but as the plants were then leafless they did not bleed freely and no rubber was therefore collected. They will again be tapped in 1896–97.

Cryptomeria japonica.—Planted in Coonoor, *Nilgiris*, in 1887. It is of very slow growth, the average height being 2 feet and girth 1¼ inches.

Curtisi faginia.—There are only seven plants on the *Nilgiris*, planted in 1887. Growth poor.

Cypress macrocarfæ—planted in Nilgiris in 1887. With some exceptions, the plants do not look vigorous. In *Madura* the plants obtained from Nilgiris and planted in Kodaikánal are of stunted growth.

Date.—In *Vizagapatam*, date seeds have been sown in abandoned patta lands in reserves. In *Bellary* the date seedlings of the previous years are flourishing.

The Sriharikota date plantation in *Nellore* was completely given up during the year. Of the 55 Arabian dates that remained at the end of last year, 20 succumbed during the year and the surviving ones are far from healthy. In the Allipuram date plantation 200 plants perished, leaving a balance of 4,060. In *Cuddapah* 8 acres of land were sown near Peddamandam rather late in the year. Of the 40 plants in *North Arcot* raised from the Busrah seed referred to in the last report, one died during the year. They are 9½ feet high. The 75 surviving offsets are flourishing, their height ranging from 9 to 15 feet. Owing to another dry season there has again been great mortality among the seedlings from indigenous seed in Tiruvallam and Virinjapuram. In *South Arcot* there were 117 trees at the commencement of the year to which 24 were added. Twenty died during the year leaving a balance of 121 trees with varying height from 1 to 35 feet. The date trees in *Trichinopoly* have not yet fruited and are not likely to. They are more like bushes than palms. The majority of the trees has succumbed either to insect pests or unsuitability of soil and climate and the Conservator has decided not to waste more money in watering them. The 14 plants of 1881 in the south date garden in the Vattangudi reserve, *Tanjore district*, are still alive, the growth being very slow—only 3 inches during the year. Of the 100 offsets that were planted in 1886, only 33 have survived. In the north date garden 144 trees survive, 2 having died during the year. Their height varies from 4 to 13 feet. The dates have not fruited and date planting is not a success in this district. Almost all the date palms in *South Malabar* died out.

Dillenia Indica.—From the fruits supplied by the Conservator of Forests, Southern Circle, 975 plants were raised in South Coimbatore.

Divi Divi.—The number of trees that survived at the end of the year in *North Arcot* amounted to 1,969. Half a ton of pods was collected and sold for Rs. 23. There were 47 trees in the Nattangal tope, *South Arcot*, at the beginning of the year, to which 127 seedlings were added during the year. The 123 plants in the Wandse depôt, *South Canara*, are living, but they are not looking well. They are now 3 years old and a few only are above 6 inches in height.

Edible prickly-pear.—There are 22 plants at Sríharikóta in the *Nellore district*. They are growing well.

Eucalyptus.—Of the various species of this tree planted in Sim's Park on the *Nilgiris* those of *Botryoides*, *Corymbosa*, *Sideropholia* and *Panciflora* are of poor growth. The rest are flourishing.

Ferula rhomboidea in *Nilgiris*. These are doing well.

Ficus elastica.—In *North Malabar* the plants planted last year in the Kuppady bungalow compound were damaged by fire, but they are recovering and putting out new shoots. Some cuttings put down in the early rains during the year are thriving. The seeds obtained from Assam and sown in July 1895 at Kanoth have not germinated. Some more seeds were sown in January, and regulary watered; but after germinating in the beginning of May the seedlings were attacked by insects and almost all died. The cuttings put out at Kanoth last year are growing well, but those planted in the Dindimal bungalow compound were unfortunately killed by fire.

Chinese guava.—Of the 60 plants basketted last year in *Nilgiris*, 17 have died and 43 remain.

Grevillea robusta.—These were planted in *Nilgiris* in 1888. They are of very good growth, their average height and girth being 35 feet and 16 inches, respectively.

Hevea braziliensis.—The two trees in *North Malabar* are growing well, one being 25 feet high.

Hevea castilloa—The trees in *South Malabar* are thriving.

Landolphia florida.—There are 34 plants in *South Malabar*. They are doing well.

Mahogany.—In *Ganjám seedlings of Swietenia macrophylla* were planted out in Russellkonda and are reported to be doing well. Some seeds put down in *Vizagapatam* late in the year germinated. In Gódávari experimental planting of *Swietenia macrophylla* and *mahoganei* was made with seed supplied by the Conservator; neither was successful.

In *Kurnool* the *Mahogany* sown a few years ago at Dongabhavi and Bairnuti has all died out and only three plants are living at Atmakúr. A fresh supply of seed was made by the Conservator towards the close of the year to this district as also to *Bellary*.

In *Nellore* 82 trees of the old plantings at Sriaharikota survived at the end of the year, 12 having perished during the hot weather. Half a pound of *S. macrophylla* seeds was supplied by the Conservator towards the latter part of 1895 and sown partly in Tummanapatam plantation, partly in Sríharikóta and partly in Rapur Veligondas, some in beds and some in baskets. The seeds have not germinated, not having been promptly sown. A similar quantity was supplied in April 1896 and sown in the above localities, except Sríharikóta, which was replaced by the Udayagiri Veligondas. One hundred and four seedlings in Tummanapatam and 13 in the Rapur Veligondas are reported to be thriving The rest failed to germinate.

Cephælis ipecacuanha.—In *South Malabar*, the plants are making little or no progress. They die down during the hot months and spring up again during the monsoons. The plants that survived at the close of the year on the Nilambúr hill numbered 139. The thirteen plants of 1887 at Travellikova are also not doing well.

In *Cuddapah* 243 seedlings of *macrophylla* were raised in the Balapalli nursery and transplanted in compartment III (*b*), block I of Balapalli working circle. The operation has not proved a success. Ninety-seven plants in the previous years' sowings in *North Arcot* perished. The want of moisture is fatal to the development of the species, the ten year old plants being only 17 feet high. The *macrophylla* and *mahoganei* seeds supplied by the Conservator to the *South Arcot district* during the year were sown in the Ramapuram, Muttakadu and Salavadi reserved forests and the germination was not very satisfactory. The height of the plants of 1894–95 existing in the Ramapuram reserved forest ranges from 3 to 5 feet, that of the seedlings of 1895–96 from 1 to 3 feet. A number of seedlings in the same forest died from the attacks of a grub which has been destroyed with some degree of success. There were 535 *Mahogany* plants at the commencement of the year to which 44 were added; 141 died during the year, leaving a balance at its close, of 438. Their height ranges from 1 to 55 feet.

In *Trichinopoly* the *macrophylla* and *mahoganei* have been tried here and there, but it is only in the Kulittalai padugais that they have had a fair chance, and the result is most disappointing. They appear to require as much water as casuarina and where watering was stopped during the hot weather a large number of even second year plants died. In *Tanjore* there are remnants of the old planting in the Vettangudi forests. There are six trees of 1881, 16 of 1886 and 2 of 1887 with heights varying from 15 to 26 feet, 10 to 22 feet and 12¼ to 13¼ feet and girth from 11 inches to 2 feet 4 inches, 9 inches to 1 foot 3 inches and 7 inches to 1 foot, respectively.

In *Madura, Mahogany* has done badly except in one instance where the trees for years have been given garden cultivation and frequently watered. In *Nilgiris* the *Mahogany* plants round the Benne Rest House are not doing well, many of them having been attacked by the borer, but those around the Mudumalai inspection quarters are flourishing. The plants put out in the Northern Hay Sandalwood plantation have also failed owing to excessive heat and drought. The 118 plants of *macrophylla* basketted last year have been planted in the Northern Hay Reserve; but barely 50 per cent. have succeeded. The *macrophylla* and *mahoganei* in the Kallar Nursery are looking well, their average height being 26 feet and 25½ feet and girth 12¾ inches and 7 inches respectively. The *Mahogany* plants at Kanoth, *North Malabar*, are reported to be healthy and growing well, the average height being 17 feet and girth 6½ inches. A few have however been attacked by a borer and appear sickly. A nursery was formed during the year at Chidlett and the seeds germinated and look healthy. In *South Malabar* the *macrophylla* tree in Chathambarai reserve measured 84 feet in height and 91 inches in girth at base, and 69 inches at 5 feet from the ground against 83 feet in height, 89 inches in girth at base and 67½ inches at 5 feet from the ground in the previous year. The tree is now 24 years old. The *mahoganei* trees planted in Iravellikava, Ramalore and Panangode are 15 years old. They are not doing well on account of the repeated attacks of borers. *Macrophylla* planted in Pokoti are doing fairly well. When grown pure the plants are rendered stagheaded from the repeated attacks of borers which destroy the terminal shoots; but when intermixed with teak they are generally overtopped by the teak and gradually die out. Sambur and deer too destroy a good number by barking the plants in spite of the fencing. The growth of the seven plants in compartment No. I of the Walayur reserve is very slow, their average height being 3 feet. Out of the 83 plants surviving at Dhoni in the beginning of the year 4 died and the remaining 79 are growing well. Their height ranges from 4 to 15 feet. 6 lbs. of *macrophylla* seeds were received in June 1896. They were distributed equally between the Amarampalam and the Nilambúr ranges. In *South Canara* there are about 200 plants from 1 to 3 feet high planted near Wandse depôt. They are 2 years old and doing fairly well. There are a few plants in the Puttur range house compound and although they are from 5 to 12 feet in height they all have an unhealthy appearance.

Oak.—The Australian oaks put out in avenues in compounds in *North Malabar* are doing extremely well.

Peltophoriem ferrugineum.—The 24 trees that remained in the Vettangudi reserve, *Tanjore district*, at the commencement of the year are flourishing. Their height and girth vary from 20 to 40 feet and 1½ to 4 feet respectively. There are 848 plants of this species in *South Arcot* ranging from 14 to 24 feet high.

Pedocarpus elongatus.—There are only 26 plants on the *Nilgiris*. They are of very poor growth. Their average height is 3 feet and girth 1½ inches.

Pinus Pinea.—These were planted in *Nilgiris*. They are of fair growth but slow. Their average height is 2 feet and girth 2 inches.

Pinus Longifolia.—The plants in the Ralli reserve in *Nilgiris* have been much harmed by rats which attack the roots, but those in the river reserve are of good growth. The plants obtained from Nilgiris and put down in Kodaikánal, *Madura district*, are growing well.

Syncarpia Laurifolia.—These are in *Nilgiris* and are of fair growth. The plants obtained from Nilgiris and planted in Kodaikánal, *Madura district*, are thriving well.

Sterculia alata.—Out of the 82 plants that remained in *South Malabar* at the beginning of the year, one was destroyed by sambur and the remaining 81 are flourishing.

(d) *Exploitation of major forest produce.*

(1) Clear or regeneration fellings.

39. The *Acacia leucophlœa* area at Pesaravoye in *Kurnool* was clean felled as the land (70 acres) was required for cultivation under the canal. The result showed a profit which would have been larger but for the disregard of the subordinate in charge of the work to the orders issued to him. In *Nellore* the poorly-stocked casuarina plantations at Tummalapenta (100 acres) and Ramayapatam (60 acres) were clean felled. In *Kistna* and *Tanjore* the prescribed compartments in the casuarina plantations were cut over. In the latter 102 acres were felled and realized Rs. 4 per ton for billets and As. 12 per ton of branch wood. The system of leasing out bamboos in fixed areas continued during the year in *South Canara*. The Conservator of Forests, Southern Circle, remarks "that it is working well, but it is found necessary to fix a maximum number of bamboos to be cut on each area leased out." It is presumed also that the number of stems in each clump, which is not to be felled, has been prescribed.

(2) Selection fellings.

40. The chief departmental operations were the fellings of sâl in *Ganjám* and the felling in *Kurnool* of first and second class timbers for the supply of certain depôts. In *Bellary* crooked and badly grown teak trees were felled in the north-east and Donimalai ranges and realised a profit. In *North Arcot* bamboos were felled and supplied to the Ordnance Department for lance staves and tent poles. In *Salem* the right to cut and remove bamboos in eight blocks of the Javadis and Yellagiris was sold for Rs. 9,160, the contractors being bound to fell the bamboos on sylvicultural principles. Timber props were felled to meet the demand by the Kolar Gold Mining Company. In *Tinnevelly* 287 trees were marked and felled under departmental supervision and converted into scantlings and poles amounting in all to 11,014 cubic feet. The important species removed were *Hopea Wightiana* and *parviflora* and *Vitex altissima* and a few *Mesua ferrea*. In addition to this, 10,160 cubic feet of timber were removed by contractors from the ever-green forests under a system by which the trees felled had been marked by the departmental officers. In *South Malabar* selection fellings were carried on in four reserves and 137,205 cubic feet of timber worked out. The work was executed departmentally and by contract, the trees in the latter case having

been marked by Range-officers. Dead and uprooted trees in certain forests were also allowed to be cut and removed; 116 trees were felled in *South Canara* which yielded 160 logs. In *South Coimbatore* selection fellings as usual were undertaken in the Lower Anamalais. In *North* and *South Coimbatore* bamboo coupes were felled over. In the *Nilgiris*, Mudumalai range, rosewood and other trees were felled.

(3) Improvement fellings; (4) Coppice fellings and coppice with standard fellings.

41. In the *Northern Circle* improvement fellings were carried on in *Kistna*, *Bellary* and *Kurnool*. In *Kistna* the babul area was operated on in accordance with the working plan, and three coupes were felled in Mangrove forest. In *Bellary* in Bandur reserve two coupes of 200 acres each were opened for local supply. In Rayadrug a coupe of 200 acres was only partially felled over. In Hyrada reserve an area of 700 acres was sold for the manufacture of charcoal. In Ramandrug the eastern slopes were felled in accordance with sanctioned plan. The system in all these areas is coppice with standards. In the Chelama block in *Kurnool* 120 acres were subjected to improvement felling. The exact outturn could not be stated, as the inferior classes of trees were girdled and left standing. In *Vizagapatam* two small coupes in the Arlova and Madalammakonda reserves were experimentally cut as coppice with standards.

In the *Central Circle* in *Cuddapah* about 1,308 acres in various reserves were cut over as coppice under standards and the wood was supplied to the railway, departmentally. An attempt to open out coupes in various parts of the district for local requirements failed. The contractors did not meet the demands and the fellings were badly done. In *Nellore* compartment 2 and part of compartment 3 in Sriharikota were pollarded. A coupe of 515 acres in Mocherla Chelamcherla was sold to a contractor to be felled for coppice under standards. In *Chingleput* sample areas of one acre were marked in six reserves to ascertain their yield per acre before accepting offers from contractors. The average net profit per acre amounted to Rs. 6½. In *North Arcot* about the same area as last year was cut over for coppice under standards. In *South Arcot* badly grown trees and such as impeded the growth of their more valuable neighbours were removed in the Tenmalai reserved forest. The work extended over an area of 2 square miles. The total outturn was 2,133 cubic feet valued at Rupees 2,000. In addition several coupes were treated for coppice under standards in accordance with preliminary sanctioned schemes. In *Salem* six coupes covering an area of 2,050 acres were sold by auction. The average price per acre amounted to Rs. 9–10–2 as compared with Rs. 8–0–6 per acre in the preceding year. These were worked out on the principle of coppice with standards. Several other coupes were worked departmentally on a similar principle in connection with railway fuel and local supply. In *Trichinopoly* coupes in reserved forests of two ranges were sold and felled over for coppice. A coupe of 60 acres on the Vettangudi reserve, *Tanjore*, was also sold standing, the price realized being Rs. 440.

In the *Southern Circle* coupe fellings were carried on in *Tinnevelly* in sixteen localities to supply fuel to the adjoining inhabitants. They were worked by contract or by the department and the method adopted was coppice with standards. In *North Malabar* improvement fellings were undertaken in the Begur and Chedleth ranges. In *South Malabar* an area of 124 acres of reserved land (Tampurettipottai) was felled over by a contractor under coppice with standard system yielding a revenue of Rupees 15–8–0 per acre. In *South Canara* coppice fellings were carried on departmentally in Sabladi over 20 acres, the outturn being 2,040 cubic feet, the cost Rs. 415 and the revenue Rs. 357 with a balance in stock. Elsewhere contractors paid Rs. 3,227 for 269 acres and worked the whole very fairly. The average yield is estimated at 6 tons per acre. In *South Coimbatore* two coupes (74 acres in extent) in the Sholakarai reserve were felled. In *Madura* coppicing was undertaken in the Palamedu and Kanavayipatti ranges. In the *Nilgiris* five compartments in the Ootacamund range and six in the Coonoor range of the *Eucalyptus* plantations were felled.

(5) Unregulated fellings.

42. Little can be said under this. The system of felling and removal under cover of licenses, issued by village heads, &c., must be regarded generally as unregulated felling. It obtains still in many districts. With the elaboration of working plans

the issue of indiscriminate licenses will cease and to a very great extent in those districts where coupes have been opened, it has already been put a stop to.

(e) *Extraction and transport of major forest produce by land and water.*

43. Timber and fuel cut departmentally are stacked either inside or outside the forest limits. They are either sold there, in which case they are removed by purchasers in the same way as material sold standing is removed or they are removed to the centres of demand. The chief means of transport are carts, tramways, water or rail. When produce is extracted from portions of forests difficult of access it is dragged to the terminus of a road, tramway or the head of a timber slide by elephants. In *Gódávari* a quantity of timber is transported by river to Rajahmundry from Bastur State and the Nizam's Dominions. In *Kurnool* the timber for the Ernipad depôt is dragged over a rough and uneven track to the foot of the hills by bullocks and thence carted to the depôts. The smaller materials (spokes and felloes and agricultural implements) are rough-fashioned in the forest and brought to depôts on donkeys. Similar procedure is adopted for the Atmakúr depôt supply. In *Nellore* the cuttings of the coupes in Srîharikóta are brought down by the tramway to the banks of the Buckingham canal whence they are removed by contractors. The departmental cuttings of casuarina in Dugarazpatnam are brought down by boats for supply to hospitals. In *Tinnevelly* a wire rope was fixed at Courtallum some years back, but has been removed as no use has yet been found for it. On the Anamalais in *South Coimbatore* timber is brought down from the terminus of the tramway by a slide. It is under contemplation to reconstruct the slide so that it may be used in all weathers and enable a considerable saving to be effected in cost of transport. In *South Malabar* all timber and bamboos from the Nílambúr and Amarampalam Ranges are dragged by elephants to the river banks whence they are tied into rafts and floated down the river to Calicut for sale. Floating is generally done between August and November owing to insufficiency of water during the dry season. The timber, &c., worked from the forests in the Palghat Range are dragged by elephants to the roadside and thence carted. Elephants are employed in dragging timber, &c., from six to eight months in the year, as they cannot be made to work during the hot season. In *South Canara* it is remarked that the exploitation of major produce includes either a long lead for carting or the use of rivers which are obstructed throughout their course until they reach near to tidal water where floating is already resorted to. The logs are dragged by Government elephants to the roadside and then handed to a contractor who carts them 40 odd miles to Panemangalore whence they are floated to Mangalore 16 miles distant. The carting and floating cost about As. 7 per cubic foot.

(f) *Exploitation of minor forest produce.*

(1) Extraction of fodder.

44. Grass is exploited from certainc losed forests. The operation is carried on either departmentally, or by issue of permits on payment of fees, or by the sale of the right to cut grass. A small experiment was tried in *Kistna*, but the grass was rendered unfit for sale, having fermented owing to improper stacking. In *Kurnool*, *Nellore* and *Anantapur* removal of fodder grass was allowed on permits in some reserves and about 50,703 head loads were thus removed in the latter district. In *Bellary* permits for cutting and removing grass at 3 pies per headload were issued. The standing grass in the closed portions of the Bellary and Mincheri reserves was sold by auction under the condition that no more than the seigniorage rate should be levied for the permits issued by the contractors. This realised a revenue of Rs. 1,246. 72,690 lbs. of hay were made departmentally and supplied to the Commissariat department. The revenue realised amounted to Rs. 582 against an expenditure of Rs. 442. Fodder grass was leased out in *Cuddapah*. In *South Arcot* coolies were induced to remove 6,253 headloads in the Tiruvannámalai Range at 3 pies per headload for supply to the cattle brought for sale. The revenue realised was Rs. 98. In *Salem* the right of cutting and removing thatching grass in some of the Government topes was leased out for Rs. 48. In the *Southern Circle* the Conservator observes "there is nothing of interest to remark as regards fodder extraction beyond mentioning that the possibility of supplying hay to the Ootacamund settlement has been considered."

(2) Grazing.

45. Compared with the previous year, there is an increase of Rs. 12,203 under this head, and, as observed in the last year's report, it is attributable to more efficient control and improvement in the methods of collecting grazing fees.

46. The subjoined statement shows the amounts realized in each district during the year under report as compared with the results of the previous year :—

Districts.	Revenue from grazing fees, grazing contracts and sale of grass in		Rates of grazing fees levied.
	1894–95.	1895–96.	
1	2	3	4
Northern Circle.	RS.	RS.	
Ganjám	5,112	6,384 *	Half the rates charged.
Vizagapatam	1,508	1,514	Do. do.
Gódávari	2,155	3,271	One-fourth rates charged in the Bhadráchalam Sub-division and half rates elsewhere.
Kistna	90,144	76,596	Full rates charged.
Kurnool	18,253	17,962	Half rates charged up to 31st March 1896 and three-quarter rates subsequently.
Bellary	5,506	13,405	Half rates charged except in the north-east range where 12 annas were charged for buffaloes and 8 annas for bulls and cows.
Anantapur	4,903	5,615	Half rates charged for nine months and three-fourth rates for three months.
Total ..	1,27,581	1,24,747	
Central Circle.			
Cuddapah	17,868	41,244	Full rates charged. Reduced to three-fourths in March 1896.
Nellore	23,759	21,480	Half rates charged.
Chingleput	6,826	6,112	Full rates charged for buffaloes and sheep. Three annas are charged for cows and bullocks.
North Arcot	26,951	19,489	Full rates charged for non-privileged and half rates for privileged cattle.
South Arcot	25,792	26,482	Local cattle, half rates ; rest full.
Salem	24,164	36,719	Varying rates.
Trichinopoly	11,500	10,547	Full rates charged.
Tanjore	498	608	Do.
Total ..	1,37,358	1,62,681	
Southern Circle.			
South Canara	3,976	3,514	Half rates charged.
North Malabar	1,675	2,214	Three annas on buffaloes and 2 annas on cows and bulls, &c. Three-fourth rates charged from 1st January 1896.
South Malabar	215	..	....
Nilgiris	8,200	8,853	Full rates on non-privileged cattle ; half rates on privileged cattle and (under special sanction), double the maxima on alien cattle.
North Coimbatore	32,707	22,393	Full rates charged except for privileged cattle.
South Coimbatore	7,378	4,687	Full rates charged up to 31st March 1896 and three-fourth rates subsequently.
Madura	2,856	4,591	Varying rates.
Tinnevelly	6,347	6,816	Half rates on privileged, full rates for non-privileged cattle.
Total ..	63,354	53,068	
Grand Total ..	3,28,293	3,40,496	

There is a decrease in the *Northern* and *Southern Circles*, which is more than counterbalanced by a large increase in the *Central Circle* contributed mainly by the districts of *Cuddapah* and *Salem*. In the *Northern Circle*, the increase occurs mainly in *Bellary* and is the result of better arrangements for the issue of permits. There were increases also in *Ganjám* and *Gódávari*; in the former, it is attributed to the greater number of permits taken during the year, the cattle-owners having learnt that it is cheaper to pay grazing dues than run the risk of having their cattle impounded for grazing illicitly, and in the latter, to the opening during the year of some reserves and reserved lands in the Yernagúdem and Ellore ranges hitherto closed to grazing. There was a noticeable decrease in *Kistna* which is remarkable for the extent of pasture lands it contains. Although the grazing revenue of the district diminished as compared with last year from

Rs. 90,144 to Rs. 76,596 still even this represents 61 per cent. of the total receipts of the Circle under this head. The decrease is ascribed (1) to the abandonment of large areas previously treated as reserved lands, (2) to the refusal of some villagers to pay grazing fees under a mistaken impression that all areas would eventually be disforested, (3) to foreign cattle not having been driven to the upland taluks for want of rain, and (4) to frequent changes of range officers and inefficient control by temporary foresters.

In the *Central Circle*, the large increase of Rs. 23,376 in *Cuddapah* is ascribed to more efficient supervision and that of Rs. 12,555 in *Salem* chiefly to the levy of maxima rates in the two cattle-breeding ranges of Hosúr and Dharmapuri, and partly to the efficient supervision on the part of the Range establishments. The delay in the collection of fees by Tahsildars and the unfavourable condition of the past two seasons account for the decrease of Rs. 7,462 in *North Arcot*. In *Nellore* the abolition of the leasing and substitution of the grazing system in reserved forests resulted in a decrease of Rs. 2,279.

In the *Southern Circle*, the decrease occurred mainly in *North* and *South Coimbatore*. The large decrease of Rs. 10,314 in the former division was general in all the ranges, except Bhaváni which contributed more than 50 per cent. (Rs. 6,000). No satisfactory explanation has been furnished for the large deficiency in that range but it is said to be probably due to smaller number of cattle having been driven up to the hills. In another range (Talamalai), the revenue fell short owing to the prevalence of foot and mouth disease among the cattle. In *South Coimbatore*, there was a decrease of Rupees 2,691 owing to the exclusion of all the reserved lands in the Palladam taluk from reservation and to the reduction of the rates of grazing fees to three-fourths of the maxima rates from 1st April 1896, but it was nearly made up by an increase in *Madura* due to more efficient control and supervision.

(3) Miscellaneous Produce.

47. With few exceptions the collection of miscellaneous produce is not undertaken departmentally but by contractors under lease. The bark of *Cassia auriculata* is the principal item in the plain districts.

CHAPTER III.

Gross yield and outturn of forest produce.

48. The subjoined abstract shows the total yield under timber and other produce during the year as compared with the results of the previous year :—

Abstract I.—Comparative yield as per Form No. 55.

—	Timber (in cubic feet) including sandalwood.		Fuel (in cubic feet).		Bamboos (in numbers).		Minor produce (gross value in rupees).	
	1894–95.	1895–96.	1894–95.	1895–96.	1894–95.	1895–96.	1894–95.	1895–96.
1	2	3	4	5	6	7	8	9
By Government Agency ..	374,152	423,476	2,186,122	2,897,561	36,881	57,067	21,516	16,959
By purchasers (including confiscations)	2,364,873	2,409,066	9,839,061	10,829,705	29,716,807	33,611,403	* 8,58,986	* 10,60,371
By free grants	38,633	70,678	551	12,074	39,507	57,349	568	2,099
By right holders	..	3,826	..	45	..	..	..	457
Total ..	2,777,658	2,907,046	12,025,734	13,739,385	29,793,195	33,725,819	8,81,070	10,79,886
Increase or decrease in 1895–96 as compared with 1894–95	..	+ 129,388	..	+1,713,651	..	+3,932,624	..	+ 1,98,816
Percentage of increase or decrease over the previous year's total	..	+ 4·6	..	+ 14·2	..	+ 13·2	..	+ 22·6

* Includes grazing fees.

The result under all heads shows an increase and the causes thereof are explained below under the respective item.

Section I.—Departmental Operations.

49. The following abstract shows the produce collected and disposed of departmentally during 1894–95 and 1895–96 :—

Produce collected.	During 1894–95.			During 1895–96.		
	Quantity.	Cost.	Average.	Quantity.	Cost.	Average.
1	2	3	4	5	6	7
		RS.	RS. A. P.		RS.	RS. A. P.
Timber .. .. C. ft.	374,103	61,083	0 2 8	* 421,784	74,206	0 2 10
Fuel .. .. ,,	2,186,122	74,752	0 0 7	† 2,904,126	1,02,065	0 0 7
Bamboos .. No.	36,881	805	0 0 4	57,067	1,389	0 0 5
Sandalwood .. C. ft.	3,049	3,218	1 0 11	‡ 2,711	2,855	1 0 10
Minor produce .. Mds.	52,690	13,743	0 4 2	64,420	8,217	0 2 0
Total ..	..	1,53,601	..	..	1,88,732	..

Produce disposed of.	During 1894–95.			During 1895–96.			Stock on 1st July 1895.	Stock on 30th June 1896.
	Quantity.	Value.	Average.	Quantity.§	Value.	Average.		
	8	9	10	11	12	13	14	15
		RS.	RS. A. P.		RS.	RS. A. P.		
Timber .. C. ft.	364,055	1,93,930	0 8 6	339,851	1,62,337	0 7 8	161,713	243,646
Fuel .. .. ,,	2,246,201	1,30,258	0 0 11	2,965,310	1,62,292	0 0 11	1,011,036	949,852
Bamboos .. No.	42,633	3,041	0 1 1	39,263	3,025	0 1 3	1,942	19,746
Sandalwood .. C. ft.	3,140	41,569	13 3 9	3,897	21,418	5 7 11	2,388	1,202
Minor produce .. Mds.	29,106	21,516	0 11 10	21,525	18,946	0 14 1	38,561	81,456
Total ..	.	3,90,314	..	..	3,68,018	..	..	..

* Includes 1,014 cubic feet found in excess of the original measurement, &c.
† Do. 6,565 do. do. do. do.
‡ Do. 5 do. do. do. do.
§ Do. that used departmentally, written off, loss by conversion, &c.

Taking the operations of the department as a whole, the quantity collected under all heads, except sandalwood, shows an increase; under "timber" chiefly in *Ganjám*, *Kistna*, *Bellary*, *North Malabar*, *South Malabar* and *Tinnevelly*. The increase in *Ganjám* was due to the Forest Department having to remove in accordance with the new rules all reserved trees on darkhast lands and to the felling of about 6,000 cubic feet of timber for supply to the Ordnance Department. The thinning operation carried on in coupe 1 of Gopuvanipalam in *Kistna* and the working of the eastern slopes of the Ramandrug Range in *Bellary* contributed to the increase in these districts. In *North Malabar* the supply of sleepers to the Madras Railway and in *South Malabar* selection fellings account for the increase. In *Tinnevelly* the increase is ascribed to increased demand. The decrease in *North Arcot* was due to absence of demand for casuarina poles, and in *South Coimbatore* to the discontinuance of the practice of felling and allowing the material to remain in the forests until transport became practicable. No explanation has been furnished for the decrease in *South Canara*.

Under "Fuel" there was a noteworthy increase in *Bellary*, *Cuddapah*, *North Arcot*, *South Arcot*, *Salem*, *Trichinopoly*, *Tanjore*, *Madura* and *Tinnevelly*. The increase in *Bellary* was due to causes explained under "Timber." There was a large demand for engine fuel in *Cuddapah* and *South Arcot* and also for casuarina poles in the latter district from the Jail Department. In *Salem* the increase is attributed to the working off of the arrears of the previous year's contract with the Madras Railway, besides fulfilment of a fresh contract made during the year for a monthly supply of 100 tons at Mallapuram. The increase in *Tanjore* is ascribed to a requisition from the Public Works Department in connection with the erection of the Collector's office buildings; in *Madura* to a larger indent from the mills. In *Tinnevelly* the departmental working undertaken in a compartment of the Padarmalai block in the Mundanthorai working circle contributed to the increase. Collectors of *North Arcot* and *Trichinopoly* have not explained the increase in their districts. The districts of *South Canara*, *Nilgiris* and *South Coimbatore* showed a decrease in collection as compared with the figures of the previous year. The demand for fuel for sandal stills was slack in *South Canara*. In Nilgiris fellings were restricted as there was a large balance of the previous year's stock on hand and in *South Coimbatore* a portion of a coupe was not worked owing to the difficulty of disposing of what had been cut, on account of the heavy rains.

Under "Bamboos" there were large increases in some districts, counterbalanced by decreases in others. *Kurnool*, *North Arcot*, *Salem*, *North and South Coimbatore* contributed towards the increase, while *Vizagapatam*, *South Malabar* and *Madura* showed decreases. In *Kurnool* and *South Coimbatore* the increase has not been explained; in *North Arcot* and *Salem* it was due to an indent for lance staves and tent poles from the Ordnance Department and also in the latter district from the Hosúr Remount Depôt. A larger number was felled in *North Coimbatore* and brought down the Cauvery river from the Gopinatham forests of the Kollegal Range to Erode for sale in the latter place as an experimental measure. The decrease in *Vizagapatam* has not been explained. In *South Malabar* it is attributed to a smaller number of bamboos required to float down saplings and in *Madura* to the stoppage of departmental operations for want of workable bamboos.

Under "Minor produce" the increase occurs chiefly in *Vizagapatam* and was due to the collection of a larger quantity of Rella and Avuru grass. This accounts for the reduction in the average cost of collection under minor produce. There were decreases in *Bellary* and *Nellore*; the contractor for the supply of grass was unable to supply the stipulated quantity in the former district and in the latter weak demand for *strychnos nux vomica* seeds necessitated restriction of operations.

There was a falling off in the disposals of timber during the year. The decrease occurred principally in *North Arcot* and *North Malabar*. The explanation furnished under collection in these districts accounts for the variations. Although the collection in *North Malabar* was larger than in the previous year the quantity disposed of was less owing to the low rates offered for the wood.

The quantity disposed of under "Fuel" shows an increase which occurs mainly in *Kurnool*, *Bellary*, *Cuddapah*, *Nellore*, *North Arcot*, *South Arcot*, *Salem*, *Tanjore* and *Tinnevelly*. In *Kurnool* the increase was due to the supply of fuel to a cotton press at Nandyal, in *Bellary* and *Nellore* to better demand. In *Cuddapah* supply of engine fuel to the Madras Railway accounts for the increase, in *North Arcot* better prices were secured for coupes. In *South Arcot*, *Salem*, *Tanjore* and *Tinnevelly* the increase was due to causes already explained under collection.

Under "Bamboos" there was a falling off principally in *Vizagapatam*, *South Malabar* and *Madura* and an increase in *North Arcot*, *Salem*, *North and South Coimbatore*. The decrease in the first-named district and the increase in South Coimbatore have not been explained. The variations in the other districts both as regards decreases and increases are accounted for by the explanation given under collection. The quantity of "Sandalwood" disposed of shows an increase mainly in *Salem* where a large number of sandal trees was felled on the Chitteri hills.

Under "Minor produce" the quantity sold was less in *Bellary* and *Cuddapah*. In the former district it was due to causes explained under collection and in the latter to reduced collection.

The average rate of sale under timber shows a slight decrease due chiefly to the sale of a smaller quantity of valuable timber than in the previous year. The decrease in the average sale rate of sandalwood is only nominal, Rs. 10,970 appertaining to the sales in the year under report having been received in advance and credited in the previous year. The increase in the rate under minor produce is due chiefly to better prices secured for the *Sapindus emarginatus* seeds in Nellore and to more favourable rates obtained in other districts.

The cost of collection has not varied to any extent. Absence of information in the district reports prevents comparison in the case of "timber"; the increase under "bamboos" is due to more careful selection to meet the requirements of the Ordnance

Department. The reduction under minor produce is consequent upon better crops, which facilitated collection and to increased supply of grass in the Vizagapatam district.

50. The subjoined abstract shows the quantity and value of timber and other produce removed by purchasers compared with the results of the preceding year :—

ABSTRACT K.—Produce removed by purchasers.

—	During 1894-95.			During 1895-96.		
	Quantity.	Amount of sales.	Average.	Quantity.	Amount of sales.	Average.
Northern Circle.		RS.	RS. A. P.		RS.	RS. A. P.
Timber .. .. .. C. ft.	1,535,510	1,20,765	0 1 3	1,427,394	1,30,610	0 1 6
Firewood .. .. .. "	3,154,872	65,748	0 0 4	3,260,124	73,378	0 0 4
Bamboos .. .. .. No.	18,881,294	82,483	0 0 1	19,819,703	92,290	0 0 1
Grass and grazing	..	1,27,568	..	..	1,28,043	..
Minor produce	..	1,54,067	..	..	3,11,775	..
Total ..	..	5,50,631	..	..	7,36,096	..
Central Circle.						
Timber .. .. .. C. ft.	613,835	55,270	0 1 5	784,368	78,167	0 1 7
Firewood .. .. .. "	3,376,442	1,37,123	0 0 8	4,474,468	1,75,849	0 0 8
Bamboos .. .. .. No.	9,303,855	67,209	0 0 2	11,698,159	97,242	0 0 2
Grass and grazing	..	1,39,047	..	..	1,60,475	..
Minor produce	..	2,90,928	..	..	2,88,858	..
Total ..	..	6,89,577	..	..	8,00,591	..
Southern Circle.						
Timber .. .. .. C. ft.	168,053	25,936	0 2 6	166,119	32,454	0 3 2
Firewood .. .. .. "	3,281,737	78,792	0 0 5	3,076,333	81,654	0 0 5
Bamboos .. .. .. No.	1,319,408	21,135	0 0 3	2,038,050	22,126	0 0 2
Grass and grazing	..	62,882	..	..	53,068	..
Minor produce	..	84,020	..	..	1,17,628	..
Total ..	..	2,72,765	..	..	3,06,930	..
Presidency Total. Timber .. .. C. ft.	2,317,398	2,01,971	0 1 5	2,377,881	2,41,231	0 1 7
Firewood .. "	9,813,051	2,81,663	0 0 6	10,810,925	3,30,881	0 0 6
Bamboos .. No.	29,504,557	1,70,827	0 0 1	33,555,912	2,11,658	0 0
Grass and grazing ..	..	3,29,497	..	..	3,41,586	..
Minor produce ..	..	5,29,015	..	..	7,18,261	..
Grand Total of Sales ..	..	15,12,973	..	..	18,43,617	..

The total value of removals in the year under report, as compared with that of the previous year, shows a net increase of Rs. 3,30,644 as shown in the margin. The increase occurs under all classes of produce. Under *timber* the increase occurs chiefly in *Ganjám*, *Kistna*, *Bellary*, *Cuddapah*, *Salem* and *South Malabar*. In all districts it is due to a great extent to the credit of the value of trees on unreserved lands to forests instead of to land revenue as previously, to leasing out larger areas for removal of wood in *Cuddapah* and to the lease of lands for coffee cultivation on the Shevaroys in *Salem*. In *South Malabar* the increase is attributed partly to the removal of Vella agil planks (*Chikrassia tabularis*)

	RS.
Timber ... ... +	39,260
Fuel ... ... +	49,218
Bamboos ... ... +	40,831
Grass and grazing ... ... +	12,089
Minor produce ... ... +	1,89,246
Total ... +	3,30,644

from the Chenat Nair reserve and partly to the removal of exploitable timber from the new Amarampalayam forests by contractors.

Under *Fuel* the increase is chiefly in *Gódávari*, *Nellore*, *North Arcot*, *South Arcot*, *Tanjore* and *South Canara*. The increase in *Gódávari* and *South Canara* has not been accounted for. In *Nellore* it was due to sale of a coupe in the Mocherla Chelamcherla reserved forest and to the sale of casuarina trees in the Tummalapenta and Ramayapatam plantations. In *North Arcot* and *Tanjore* better prices were realized for coupes.

Under *bamboos* there is increase in *Vizagapatam*, *Kurnool*, *North Arcot* and *Salem*. In *Kurnool* the increased sale was due partly to the increased strength of the patrolling establishment and to grant of permits to the Yerulars for a longer period and in *Salem* and *North Arcot* to better demand. No explanation has been furnished for the increase in *Vizagapatam*. The increase under grass and grazing is due to causes explained in paragraph 46 under "grazing."

Under *minor produce*, the increase occurs in all districts except *Gódávari*, *Kurnool*, *Cuddapah*, *Chingleput*, *North Arcot*, *South Arcot*, *Salem*, *Tanjore*, *North Malabar* and *Nilgiris*. In *Ganjám* the increase is due chiefly to leasing out the right to remove cassia fistula bark this year for the first time and in *Vizagapatam* to better method of auction which encouraged competition for Rella bark and Agency minor produce. In *Bellary* the lease of Tangedu bark in all taluks realized good prices owing to the change from the permit to the two years' lease system. In *Anantapur* there was larger realization from the sales of Tangedu bark and from the credit of date tree revenue to forests. In *Nellore* the removal of Tangedu (*Cassia auriculata*) and of mica and toddy rents contributed to the increase. In *Trichinopoly* the increase resulted from the removal of stones from a reserved forest by railway contractors, from the sale of babul pods in tank beds and from the revenue derived by the lease of a cocoanut, &c., tope handed over by the Public Works Department. In *South Canara* the rent of Neriya cardamom forests was credited to forests instead of to land revenue, as has been the case in previous years. In *South Malabar*, a large sum was obtained for the sale of the right to collect and remove Cheenikai (*Acacia concinna*) from the Chenat Nair reserve. In *South Coimbatore* the introduction of the lump sum contract system in Tunacadavu, Pollachi and Udamalpet ranges and the sale for the first time of the right to collect Vembadam and Avaram barks in reserved forests contributed towards the increase. In *Madura* the increase was due to better sales. The other districts, *i.e.*, *Kistna* and *North Coimbatore* have not explained the causes of increase.

51. The following statement shows the comparative cost of departmental and private working and the net profit derived under each system :—

Items.	Measure.	Quantity sold.	Amount of sale-proceeds.	CHARGES. A. Conservancy and Works.	B. Establishment and Contingencies.	Total.	Net profit or loss.	Rate of net profit (column 8 ÷ column 2) per measure in column 2.
1	2	3	4	5	6	7	8	9
			RS.	RS.	RS.	RS.	RS.	RS. A. P.
Departmental Working—								
Timber	Cubic feet.	339,851	1,62,337	74,206	34,065	1,08,271	+ 54,066	+ 0 2 7
Fuel	Do.	2,965,310	1,62,292	1,02,065	38,070	1,40,135	+ 22,157	+ 0 0 1
Bamboos	Number.	39,263	3,025	1,389	636	2,025	+ 1,000	+ 0 0 5
Sandalwood	Cubic feet.	3,897	21,418	2,855	3,495	6,350	+ 15,068	+ 3 13 10
Minor produce ..	Maunds.	21,525	18,946	8,217	3,912	12,129	+ 6,817	+ 0 5 1
Private Working—								
Timber	Cubic feet.	2,377,881	2,41,231	11,768	36,423	48,191	+1,93,040	+ 0 1 4
Fuel	Do.	10,810,925	3,30,881	16,142	49,974	66,116	+2,64,765	+ 0 0 5
Bamboos	Number.	33,555,912	2,11,658	10,326	31,966	42,292	+1,69,366	+ 0 0 1
Grazing	..	..	3,41,586	16,666	51,591	68,256	+2,73,330	..
Minor produce ..	..	..	7,18,261	35,040	1,08,481	1,43,521	+5,74,740	..

In the case of departmental working of timber, the rate of net profit exceeds that of private consumers due to extraction of superior quality of timber. Fuel on the contrary shows a loss. In *North Arcot* a quantity of fuel cut departmentally in the previous year had to be sold at a nominal rate. In order to meet local demands in *Salem* coupes were opened and the material disposed of at a cost barely sufficient

to cover felling charges. Such coupes are poorly stacked; it would be inadvisable to entrust the working to purchasers. Bamboos yielded a higher return from departmental working; the work was on a small scale and practically confined to indents from Government Depôts.

52. As far as advisable private working is being substituted for departmental. Though possibly more remunerative at the outset, the results in some instances would be the reverse. As an instance the Madras Railway fuel supply may be quoted. By leaving the supply entirely to middlemen increased revenue would be temporarily realized. The railway would have to pay higher rates and the effect would be to force it to substitute coal. In the interests of the ryots departmental working is often preferable. It is difficult, if not impossible, to ensure a middleman will sell produce at a rate within reach of the poorer class of ryot.

53. The sales of confiscated produce during the year under report as compared with those of the previous year are recorded in the subjoined abstract:—

ABSTRACT L.—Confiscation.

—	During 1894–95.			During 1895–96.		
	Quantity.	Value.	Average.	Quantity.	Value.	Average.
Northern Circle.		RS.	RS. A. P.		RS.	RS. A. P.
Timber .. .. .. C. ft.	34,412	5,148	0 2 5	15,038	3,618	0 3 10
Firewood .. .. .. ,,	5,714	176	0 0 6	4,584	191	0 0 8
Bamboos .. .. .. No.	207,140	2,517	0 0 2	50,738	269	0 0 1
Minor produce .. Money value.	..	57	..	..	315	..
Total ..	..	7,898	..	..	4,393	..
Central Circle.						
Timber .. .. .. C. ft.	6,975	1,054	0 2 5	4,996	803	0 2 7
Firewood .. .. .. ,,	7,292	372	0 0 10	6,431	326	0 0 10
Bamboos .. .. .. No.	2,196	84	0 0 7	3,969	106	0 0 5
Minor produce Money value.	..	118	..	..	114	..
Total ..	..	1,628	..	..	1,349	..
Southern Circle.						
Timber .. .. .. C. ft.	6,088	2,626	0 6 11	11,151	3,166	0 4 7
Firewood .. .. .. ,,	13,004	695	0 0 10	7,765	998	0 2 1
Bamboos .. .. .. No.	2,914	73	0 0 5	784	77	0 1 7
Minor produce .. Money value.	..	299	..	..	95	..
Total ..	..	3,693	..	..	4,336	..
Presidency Total.						
Timber .. .. .. C. ft.	47,475	8,828	0 2 11	31,185	7,587	0 3 11
Firewood .. .. .. ,,	26,010	1,243	0 0 9	18,780	1,515	0 1 3
Bamboos .. .. .. No.	212,250	2,674	0 0 2	55,491	452	0 0 2
Minor produce Money value.	..	474	..	..	524	..
Grand Total ..	..	13,219	..	..	10,078	..

The total amount of sales shows a decrease of about Rs. 3,000 which calls for no remark.

54. Forms Nos. 55 and 56 shows the quantities of timber and other produce removed on free permits during the year under report.

During the hot weather several fires occurred in the districts of *Vizagapatam*, *Anantapur*, *Nellore*, *Chingleput*, *Trichinopoly*, *Salem*, *South Canara*, *North Coimbatore* and *Madura* and necessitated the free grant of building material, palmyra leaves, &c.

CHAPTER IV.

FINANCIAL RESULTS.

55. The following statement compares the revenue and expenditure in each circle for the forest year 1895–96 with the corresponding figures of the preceding twelve months:—

Items.	Circles.	Forest year 1894–95 from 1st July 1894 to 30th June 1895.	Forest year 1895–96 from 1st July 1895 to 30th June 1896.
		RS.	RS.
Revenue	Northern Circle	6,09,343	7,23,859
	Central do.	7,97,546	9,39,733
	Southern do.	5,70,293	5,04,038
	Total ..	19,77,182	21,67,630
Expenditure.			
A.—Conservancy and Works.	Northern Circle	1,51,159	1,68,443
	Central do.	2,72,664	2,79,773
	Southern do.	2,85,779	2,64,609
	Total ..	7,09,602	7,12,825
B.—Establishment ..	Northern Circle	2,18,711	2,15,434
	Central do.	2,71,374	2,81,222
	Southern do.	2,54,611	2,59,507
	Total ..	7,44,696	7,56,163
Total of Expenditure ..	Northern Circle	3,69,870	3,83,877
	Central do.	5,44,038	5,60,995
	Southern do.	5,40,390	5,24,116
	Total ..	14,54,298	14,68,988
Net result	Northern Circle	+ 2,89,473	+ 3,39,982
	Central do.	+ 2,53,508	+ 3,78,738
	Southern do.	+ 29,903	— 20,078
	Total ..	+ 5,22,884	+ 6,98,642

As in the present condition of affairs it is not possible to show separately the financial results of reserved forests, reserved and unreserved lands, these are presented in the form adopted in previous years.

The total receipts show an increase of Rs. 1,90,448 over those of the previous year. The increase is mainly due—

(1) to the higher prices realized generally for the leases of *Cassia auriculata*;
(2) to increased supply of fuel to the Madras Railway in *Salem*;
(3) to increased sales of timber and fuel in the *Nilgiris*;
(4) to a more active demand for casuarina and bamboos;
(5) to improved system of collection of grazing fees in *Cuddapah* and to the levy of maximum grazing rates in two taluks in *Salem*;
(6) to revenue obtained in *Bellary* and *Anantapur* for leases of right to tap date trees; and
(7) to the credit to "Forests" of revenue derived from tree growth upon land taken up for cultivation, which in the previous year was credited to "Land Revenue."

The variation in expenditure under "*A. Conservancy and Works*" is small. As in the case of receipts there was an increase in the *Northern* and *Central Circles* and a decrease in the *Southern Circle*. This is due to the extended departmental operations in *Ganjám*, *Vizagapatam*, *South Arcot* and *Salem*, to the entertainment of an increased patrolling establishment and to the outlay on the construction and repairs of certain buildings in *Kurnool*. The re-adjustment to Land Revenue of amounts erroneously credited to "Forests" in 1893–94 has also tended to the increase in *South Arcot*. The short expenditure in the *Southern Circle* is contributed by *Madura*, *Tinnevelly* and *South Canara* and is chiefly attributed to certain departmental operations and works not having been carried out as originally proposed, and also to the absence during the year of certain extra charges incurred in the two latter districts during the preceding year.

The increase under "*B. Establishments*" is due to the arrival of two new Assistant Conservators during the year; to the Assistant Conservator who arrived in 1894 having had to be paid for the full year, and to the re-organization of the District Forest office establishments.

The net surplus of the year amounts to Rs. 6,98,642 and is contributed by the *Northern* and *Central Circles*. Looking at individual districts, it is noted that *Salem* contributed 20 per cent., *Cuddapah* 19 per cent., *Kurnool*, *Bellary* and *North Arcot* each, 11 per cent. and *Anantapur* and *Nellore* each 10 per cent. towards the surplus.

CHAPTER V.

FOREST ADMINISTRATION.

56. *Important Administrative Changes—Credit of tree revenue.*—Previous to the year under report the orders in force regarding credit of revenue from trees on unreserved lands were, that only such revenue as was derived from produce over which the Forest Department exercised actual control, and not constructive control, should be credited to Forests, and that Collectors should declare that control should vest only in that department, which according to their judgment could most expediently exercise it. These orders were modified during the year, and it has been ruled that, except *porambokes* (*i.e.*, unassessed lands reserved for the general use of the community such as roads, tank-beds, &c.), and trees held on patta, control over all unreserved areas from which any appreciable forest produce is obtainable, should be exercised by the District Forest-officer as the Collector's Assistant and that in order to exercise that control it is not necessary that the lands be in charge of Forest Rangers or other Forest subordinates.

57. *Rules under the Forest Act.*—A set of model rules applicable to the whole Presidency under sections 35 and 36 of the Forest Act for regulating transit of timber has been finally sanctioned by Government, and Collectors have been requested to frame special rules for their districts, if necessary, on the model of these general rules. Rules for regulating transit of sandalwood in Salem were sanctioned during the year. Rules for the management of *kumaki* lands in *South Canara* and for the protection of game in reserved forests and reserved lands applicable to all the districts, except *Nilgiris*, were also revised and submitted to Government. They have since been sanctioned.

58. *Working of the Rules under Section* 26 *of the Forest Act.*—The Board is not in possession of any definite information as to how these rules worked in the several districts. In communicating the review of the Government of India on the Forest Administration Report for 1894–95, Collectors have been requested to report specially on the subject in their future Administration Reports. The Board is, however, aware that in certain districts there was some doubt as to the interpretation of the phrase *bona fide agricultural and domestic purposes* as used in rule 7. The Collector of *Kurnool* addressed the Board on the point and it was pointed out that a definition of general application could not be framed, and it was open to Collectors to decide for their districts or parts of districts what should be included under that term, according to the circumstances of the district. It was at the same time explained that wood taken for sugar-boiling and indigo manufacture ought to be treated as taken for a commercial and not for an agricultural purpose. The only remarkable instance in which the concessions allowed under rule 7 of the rules under section 26 of the Forest Act were grossly abused was in *Cuddapah*, where babul (*Acacia arabica*) trees were felled wholesale principally in the taluks of Jammalamadugu and Proddatur. In the plains of these taluks babul is the only tree found to any extent and to have included it in the classified list would have been tantamount to deprivation of the free use of wood for domestic or agricultural requirements. Early in July 1895, the Collector represented that the abuse of the concession had gone far beyond the possibility of prevention, and that it was necessary in the interests of the community to afford protection to the remaining trees by inclusion in the classified list. The proposal was accordingly sanctioned by Government. Subsequent events showed that some officials were implicated in the wanton destruction of the tree. A thorough and searching enquiry was made by the Collector, and a special report has been submitted to Government dealing fully with the whole question.

The Collectors of *Kistna* and *Anantapur* drew attention to the fact that under the provisions of section 7 of the new rules under section 26 of the Forest Act, it would be impossible satisfactorily to conserve classified trees on unreserved lands and suggested that further restrictions were necessary. The Board demurred to this, as it was the deliberate intention of Government to provide liberally for free use of the growth on unreserved lands by villagers for domestic or agricultural purposes, and in recommending the restriction of felling of classified trees, the Board went as far as the necessities of the case seemed to call for. Destruction of trees by cutting, &c., to an extent or in a manner not required for the reasonable exercise of the privileges conceded under rule 7, would be punishable as a breach of rule 9 or as mischief under the Indian Penal Code. Other Collectors also represented the difficulty of conserving particular species of trees on unreserved lands, and in these cases additional restrictions were considered unnecessary.

59. *Permanent and Temporary establishment.*—The strength of the controlling staff was unaltered. One Assistant Conservator Mr. Foulkes was promoted permanently to the grade of Deputy Conservator in the vacancy caused by Mr. Morgan's death. Mr. Marshall, extra Assistant Conservator, was permanently transferred to the Forest Department in Burma but was relieved only at the beginning of the current year. The scale of permanent subordinate forest establishment remained the same as in the previous year. The permanent office establishment in each circle is detailed below, as compared with that of the previous year. The sanction of the Government of India to the reorganization of the District Forest-officers' establishment was accorded towards the close of 1894–95. It was fully worked up to during the year under report :—

—	Northern Circle.		Central Circle.		Southern Circle.	
	1894-95.	1895-96.	1894-95.	1895-96.	1894-95.	1895-96.
Clerks	23	35	46	55	47	54
Peons	73	71	75	69	66	58

The temporary establishment was increased in all circles.

60. *Coffee cultivation in reserved forests.*—To meet the wishes of planters Government agreed to lease parts of reserves on the Shevaroy Hills, *Salem* district, for coffee cultivation. Only areas, that do not contain valuable timber or which for other reasons it is not considered necessary to retain under forest, have been made available. In all some 3,300 acres have been granted upon lease. In the opinion, in which the Board concurs, of the Collector of the district and the Conservator, no further areas should be leased, at all events until all land already taken up has been planted and until the effects of the already granted leases have been ascertained.

Towards the close of the year applications were received for about 50 square miles of land on the Anamalais on both sides of the Coimbatore-Cochin watershed (*Coimbatore* district). Any clearings on the Coimbatore side were considered inadvisable as they would possibly affect important irrigation sources, but the applications for lands on the Cochin side which related to about 45 square miles were allowed, and the general question whether the lands should be granted or not was placed before the Board. The Board's Forest Member, in company with the Collector and the District Forest-officer, inspected the locality and in compliance with the instruction of Government detailed proposals were submitted after the close of the year. The final conditions of the leases under which the lands should be made over are still under the consideration of Government.

61. *Financial control of the Conservators and the appointment of the Conservator, Central Circle, as Joint Secretary to the Board of Revenue.*—The question of increasing the powers of Conservators and of appointing the Conservator of Forests, Central Circle, *ex-officio* Joint Forest Secretary, was under consideration and the final orders of Government were received only after the close of the year. The proposal for enlarging the powers and responsibilities of Conservators was approved, and the effect of it is the

restoration to Conservators of the power to sanction expenditure and the transfer from the Board to the Conservators of the responsibility of preparing the budgets for their respective circles. The proposal to constitute the Senior Conservator as *ex-officio* Joint Secretary was negatived on the ground that sufficient cause was not shown for the dislocation of the existing administrative machinery, but the Board has been allowed the option of selecting any one of the three Conservators to prepare the Administration Report instead of invariably selecting the Conservator of Forests, Central Circle, for that purpose.

62. *Tours of Forest Member.*—The Honourable Mr. J. Sturrock was the Forest Member of the Board of Revenue throughout the year. He inspected the districts of *Ganjám*, *Vizagapatam*, *Godávari*, *Kistna*, *Coimbatore* and *South Canara*, and conferred with the Collectors and District Forest-officers of those districts on forest matters. In August 1895, he visited Chittoor, *North Arcot* district, and reported as desired by Government on the accommodation available there for the office and residence of the District Forest-officer; and in the last week of June 1896, he proceeded to *Coimbatore* to arrange the conditions of leases for land proposed to be thrown open on the Anamalais for coffee cultivation.

63. *Conservators' Inspections.*—The following statement shows the name of Conservators who were in charge of the three circles during the year, the time spent by them in camp and the names of districts visited or inspected by them :—

Circle.	Name of Conservator.	Number of days in charge.	Number of days spent in camp.	Districts visited.	Districts for which inspection notes were submitted to Board.	District Forest-offices inspected.
Northern ..	Mr. E. D. M. Hooper..	112	63	Ganjám and Kistna.	Bellary ..	....
	„ A. W. Peet ..	254	121	....	(*b*) Gódávari and Kurnool.	....
Central ..	„ E. P. Popert ..	366	(*a*) 209	Nellore, Cuddapah, Chingleput, South Arcot, Tanjore, Trichinopoly and Salem.	....	Tanjore, South Arcot Trichinopoly, Cuddapah and Salem.
Southern ..	„ J. W. Cherry ..	52	11	Nilgiris	....	....
	„ H. A. Gass ..	65	47	....	Madura ..	....
	„ E. D. M. Hooper ..	249	230	Madura, Coimbatore and Malabar.	Tinnevelly and (*b*) Nilgiris.	Tinnevelly.

(*a*) Includes 19 days spent in *Coimbatore* and *Nilgiris* in connection with the inspection of the Nilgiri Plantations, and 26 days at the Forest School, Dehra Dun.
(*b*) Detailed inspection notes have not yet been received in the Board's office.

Mr. Peet was in charge of the *Vizagapatam* district from 12th to 30th June 1896, and Mr. Hooper of *Madura* and the *Nilgiri* districts from 23rd December 1895 to 16th February 1896 and 25th to 30th June 1896, respectively, during the absence of the District Forest-officers on privilege leave.

64. *Touring of District Forest-officers.*—All District Forest-officers except *Nellore*, *Chingleput*, *Nilgiris*, *North Coimbatore* and *South Canara*, spent more than half the year in camp. In the first-named three districts owing to illness the District Forest-officers were unable (by a few days only) to complete the six months prescribed touring. The District Forest-officer, *North Coimbatore*, was only 151 days in camp, as important cases of sandalwood thefts detained him at head-quarters. Mr. Foulkes was in charge of *South Canara* for 70 days at the beginning of the year, but did no touring owing to the rainy season. Mr. Battie who succeeded him spent only 129 days in camp out of the 296 days he held charge of the district.

65. *Inspection of Range offices by District Forest-officers.*—With very few exceptions, all Range offices were inspected twice during the year by the respective District Forest-officers. This is a great improvement upon last year.

66. *Audit of the accounts of the District Forest-office.*—The accounts of all District Forest-offices, except *North Arcot* and *Nilgiris*, were audited during the year by the Local Fund Inspecting staff of the Accountant-General's office.

67. *Re-organization of the Subordinate Staff.*—The re-organization of the District Forest-office establishments sanctioned at the close of the last year was introduced during the year.

As regards the subordinate executive staff which has been under consideration since the beginning of 1891, Government during the preceding year called for a report as to the possible reductions consequent upon the abolition of reserves under one square mile. As premised in last annual report no material reduction is possible. The extent of forest reserves, on the basis of which the scheme was originally prepared, is some 2,000 square miles less than the latest estimate. It has been repeatedly urged that with the present establishment it is impossible to adequately protect the annually increasing area of reserved forests, and that important works have to be postponed and progress is generally impeded owing to lack of adequate establishment. There is yet another point, the prolonged delay in promotion has generally discouraged the whole subordinate service and it does not, and cannot be expected to take a keen interest in its work. Government has again recently been addressed upon this subject and it is hoped that early sanction will be accorded to the introduction of the long-pending re-organization scheme.

68. *Forest School.*—Only three officers—one from the *Northern* and two from the *Southern Circle*—were deputed in 1896 to undergo training at the Forest School. One of the trained men in the Southern Circle was appointed on probation as Extra Assistant Conservator in Burma. One during the year, and four others subsequently have been permitted to apply for appointments in Burma or elsewhere. In the case of men who have not completed five years' service, the permission has been granted on the condition that a portion of the cost of their training be refunded either by the Local Government to which transferred, or by themselves. The increasing number of applications for transfer to other provinces is the natural consequence of the prolonged delay in promotion.

69. *Conduct and work of the Establishment.*—Both conduct and work of the subordinate executive staff are capable of improvement. In the *Northern Circle* a Forester in *Gódávari* was reduced, and a Ranger in *Kurnool* stood charged at the end of the year with abetting and aiding theft of forest produce. In the *Central Circle*, three Rangers —one in *North Arcot* and two in *Salem*—were reduced, the reduction in the case of one of the officers being only temporary. A Forester in *Salem* was also dismissed. In the *Southern Circle*, two Foresters—one in each of the districts of *Madura* and *Tinnevelly*—were dismissed, and the services of a third in *North Coimbatore* were dispensed with for neglect of duty.

The conduct of the protective staff was, as usual, far from satisfactory. Several guards and watchers, &c., were convicted of extortion, and some of criminal misappropriation. Some had also to be removed for misconduct and gross neglect of duty. A forest guard in *Vizagapatam* was reported to have been murdered in the execution of his duty, but the accused were acquitted by the Sessions Judge.

70. *Health of the Establishment.*—On the whole, there seems to be an improvement over last year. The districts of *Ganjám*, *Vizagapatam* and the Agency portion of the *Gódávari* district in the *Northern Circle* continued to be unhealthy. In the *Central Circle* the health of the establishment in *Cuddapah* and in the Pachamalais of the *Trichinopoly* district was bad. In the *Southern Circle* the year was unhealthy in *South Coimbatore*, *North* and *South Malabar*, and notoriously so in *Nilgiris*. The Collector of the last-named district writes: "The year has been an exceptionally sick one. It is the third in succession marked by an unusually prolonged dry weather before the south-west monsoon, and whether this unseasonable weather has been the cause or one of the chief causes or not, the fact remains that the establishment suffered from illness."

71. *Service Books.*—The Board notes with satisfaction that service books have been duly maintained and verified in all districts. It is, however, noted that in *South Arcot* they were verified only up to 30th September 1895, in *Madura* up to end of 1895, and in *Vizagapatam*, *Bellary* and *South Canara* up to the end of March 1896. The Collectors of these districts have been requested to see that they are brought up to date, *i.e.*, Forest year.

72. *Inventory of valuable Stock.*—Stock registers are reported to have been kept and verified in all the districts except *Gódávari*, *Nellore*, *Tanjore*, *Trichinopoly*, *Madura* and *Nilgiris*. In *Gódávari*, steps are being taken to open a register. In *Madura*, it is said to be not balanced and closed annually. For the remaining districts no information is furnished by the Collectors.

73. *Elephants.*—The elephant attached to the *Vizagapatam* district died, and arrangement has been made to supply one in its place from the *Southern Circle*. Seventeen elephants were captured during the year—sixteen in *North Malabar* and one in *South Malabar*. Of the sixteen in *North Málabar*, one had to be shot in the kraal on account of internal injuries sustained, and another sold. Several of the new captures were reported to be young, and Government has recently decided that such animals should be sold. The number of elephants borne on the strength of the department is 70 as per Form No. 63.

74. *Rain-gauge.*—Rain-gauge readings are reported to have been properly recorded in *Vizagapatam*, *Gódávari*, *Kistna*, *Kurnool*, *South Arcot*, *Tinnevelly*, *North Coimbatore*, *South Coimbatore*, *North Malabar* and *South Canara*.

75. *Mica.*—Mining for this mineral may be said to have commenced in the *Nellore* district in 1887; the work was carried on in a desultory way until 1890. That year, owing to the successful results obtained from one mine which had been worked since 1888, numerous plots were purchased for mining at fancy prices; many of these were abandoned as unprofitable. In 1890 as the result of inspection of the mica mines by Dr. Warth, a suggestion was made to impose a royalty upon mica exported from Madras. It was, however, resolved to await further development of the industry. The work languished until 1895. In the year under report the applications for mining leases rose to 270 and operations, which hitherto had been confined to the Rapur taluk, extended generally to other taluks. The levy of a royalty upon the outturn is again under consideration.

76. *The Iron industry in the Salem District.*—The possibility of resuscitating this industry attracted the attention of His Excellency Lord Wenlock in 1893, and various reports have since been furnished upon the subject. In July 1895 the information collected was placed at the disposal of the various Chambers of Commerce and others, and the correspondence on the subject was communicated to the Secretary of State. It was suggested that the opinions of an expert versed in the Styrian and American iron-working should be obtained as to whether the papers disclosed conditions, which would make it possible to conduct a similar industry on similar lines in Salem. The Secretary to the Imperial Institute was also addressed. Towards the close of the year information was received that Mr. J. Head, a past President of the Institution of Mechanical Engineers, and a well-known metallurgist and ironmaker, had been asked for a report and an opinion. There is little doubt about the quantity and quality of iron ore obtainable. The main difficulty is the supply of charcoal or coke fuel. The cost of the latter is at present prohibitory, and with regard to the former it has to be ascertained whether a sustained supply in sufficiently large quantities and at a comparatively low rate can be furnished so as to compete with the imports from Europe. The subject is still under investigation.

77. *Madgole Estate.*—In June 1895 the Agent to the Governor, Vizagapatam, submitted an application under section 32 (*a*) of the Forest Act from the Senior Rani of the Madgole Zemindari to have her estate forests managed by Government on certain terms for a period of ten years. The Agent strongly supported the application, as among other reasons such a step would prevent smuggling in the adjoining Government forests, and secure control over the zemindari forests in which two important rivers rise that irrigate Government lands in the south of the district. The Board was of opinion that it would be sufficient for the present if the lands were managed by means of rules framed under section 26 of the Act and accordingly submitted proposals to Government during the year. Pending sanction of Government, the management of the forests was allowed to be undertaken by the Forest-officer on behalf of the Rani. Owing to the delay in applying the Forest Act, offenders had to be prosecuted under the Indian Penal Code for mischief or theft. This rendered it difficult to secure conviction. The system of removing forest produce under cover of permits was resented by the public who were hitherto removing it as they liked on the *cowle* system, but a few convictions in courts, resulting in heavy punishments to the offenders are reported to have improved matters. The main difficulty appears to consist in the title to the forest, and the Conservator, Northern Circle, remarks that "a serious claim has been sent in during the last few days to part of the forests on a mortgage. The extent of forest involved and the genuineness of the claim have not yet been settled." There was no fire-protection undertaken during the year, and grazing was allowed to all animals in all the forests on permits issued at half Government rates. Roads are badly required. On the ghâts it seems desirable that a new alignment should be made, and if the District Forest-officer or the Ranger cannot do this, the work will have to be done by an Engineer. The produce extracted departmentally and otherwise during the year amounted to 207,737 cubic feet of timber (including a free grant of 139 cubic feet), 335,751 cubic feet fuel, 3,178,890 bamboos (including a free grant of 200) and Rs. 1,880 worth of minor produce. The total receipts of the year under all heads amounted to Rs. 8,739–10–10, and the expenditure to Rs. 2,013. Deducting Rs. 376 due to Government for sale of permits, the net revenue due to the Rani amounts to Rs. 6,350.

78. *Work done by superior officers.*—The opinions of the Conservators are as follow:—

Central Circle.—Mr. Popert, the Conservator, says:—

"The Conservator desires to record his appreciation of the efforts of all gazetted officers in the circle. All have done their best. Mr. Brasier's management of the exceedingly heavy Salem district deserves perhaps special mention. The completion of selection and preparation of rough working plans for all reserves in the plains of the Trichinopoly district by Mr. Porter are very creditable."

Northern Circle.—Mr. Peet, the Conservator, says:—

"The work of all the District Forest-officers has been good throughout the year, though complete efficiency has been interfered with in some cases by illness. Of the officers in charge for considerable portion of the year, the highest praise for general efficiency must be awarded to Mr. Lodge in Kurnool and Mr. Lushington in Kistna. The Collector of Bellary has spoken well also of Mr. Eber-Hardie's activity in Bellary. The revenue from Anantapur under Mr. Murray was exceptionally high for that district.

"Of the officers in charge of sub-division, during the year, Collectors report well on Mr. O'Leary, Assistant Conservator, who held charge for some time of a sub-division in Kistna and of Mr. Cox, Assistant Conservator, who held various charges during the year, of Mr. Ward, who held the important and malarious sub-division of Bhadráchalam in Gódávari, and of Mr. Hearsay, who showed great activity in Kurnool.

"Mr. Ward's influence over the semi-wild tribes in his sub-division is quite unique."

Southern Circle.—Mr. Hooper, the Acting Conservator, says:—

"All Collectors, I understand, are satisfied with the working of their District Forest-officers, and so far as the Acting Conservator has power of judging they deserve praise for their work; to Mr. Douglas and Mr. Bryant his special thanks are due for cordial co-operation afforded."

APPENDIX A.

Forest Settlement.

Particulars of balance of lands under settlement.

District.	Total number and area of blocks brought under settlement up to end of 1895-96.		Total number and area of blocks constituted finally as reserved forests up to end of 1895-96.		Balance at end of 1895-96.	
	Number.	Area.	Number.	Area.	Number.	Area.
1	2	3	4	5	6	7
Northern Circle.		SQ. MLS.		SQ. MLS.		SQ. MLS.
Ganjám	71 a+ 2 b— 21 c— 7	582 b— 20 c— 3	18 c— 7	136 c— 3	34	426
Vizagapatam	27 a+ 1	303 d— 2	21	87	7	214
Gódávari	77 a+ 1	1,001 d— 26	66	634	12	341
Kistna	144 b— 3	806 b— 2 d— 1 a— 12	92	653 a— 12	49	150
Kurnool	47 b— 1	2,098 a+ 10 b— 3 d— 3	21	1,748	25	354
Bellary	132 b— 7	496 b— 6 d— 2	118	449 a+ 3	7	39
Anantapur	83 b— 3 a+ 2	522 b— 4 d— 1	68	440	14	77
Total ..	445	5,736	397	4,135	148	1,601
Central Circle.						
Cuddapah	166	2,212 a— 17	137	1,535	29	660
Nellore	168 b— 7	659 a+ 6 b— 3 d— 13	137	436	24	213
Chingleput	219 a+ 5 b— 7	228 b— 4	177	200	40	24
North Arcot	147 b— 4	1,109 b— 3 d— 1 c— 3	120	998 c— 3	23	107
South Arcot	216 b— 11	859 b— 5 a— 48 d— 34	151	550 a— 45	54	267
Salem	174	1,343 a+ 39 c— 1	141	1,186 a+ 39 c— 1	33	157
Trichinopoly	82 b— 6 a— 1	198 b— 4	74	192	1	2
Tanjore	21	19	21	19	..	..
Total ..	1,162	6,536	958	5,106	204	1,430

APPENDIX A.

Forest Settlement—*cont.*

Particulars of balance of lands under settlement—*cont.*

District.	Total number and area of blocks brought under settlement up to end of 1895-96.		Total number and area of blocks constituted finally as reserved forests up to end of 1895-96.		Balance at end of 1895-96.	
	Number.	Area.	Number.	Area.	Number.	Area.
1	2	3	4	5	6	7
Southern Circle.	SQ. MLS.		SQ. MLS.		SQ. MLS.	
South Canara	83 b— 3	553 b— 1 a— 3	27	114	53	435
North Malabar	23 a+ 2 b— 3	277 a— 2 b— 4 c— 1	16	158 c— 1	6	113
South Malabar	28 b— 1	300 a— 1	6	39	21	260
Nilgiris	183 a+ 60	358	147 a+ 62	357	34	1
North Coimbatore	80	1,651	59	859	21	792
South Coimbatore	14 a+ 4	573 a+ 84	10 a+ 4	566 a+ 85	4	6
Madura	182 b— 3	639 b— 3 a+ 1	146	559	33	78
Tinnevelly	73 b— 16 a— 1	440 a— 8 b— 4	39	411	17	17
Total ..	705	4,849	516	3,147	189	1,702
Grand Total ..	2,412	17,121	1,812 a+ 66 c— 7	12,388	541	4,733

a. Rectification. *b.* Initial notifications cancelled. *c.* Disforested. *d.* At settlement.

APPENDIX A.

Forest Settlement—*cont.*

Particulars of balance of lands under settlement—*cont.*

District.	Classification of balance in columns 6 and 7.											
	Settled and reported on.								Settled, but not reported on.		Settlement proceeding.	
	Notified under section 16 during 1895-96, but reservation effected only after 30th June 1896.		With Board or Government awaiting publication of notification under section 16.		Returned by the Board for revision and remaining either with Collector, District Forest-officer or Settlement-officer.		Total settled and reported on.					
	Number.	Area.	Number.	Area.	Number.	Area.	Number.	Area.	Number.	Area.	Number.	Area.
	8	9	10	11	12	13	14	15	16	17	18	19
Northern Circle.		SQ. MLS.		SQ. MLS.		SQ. MLS.		SQ.MLS.		SQ.MLS.		SQ. MLS.
Ganjám	..	..	8	37	13	299	21	336	12	84	1	6
Vizagapatam	..	..	2	49	..	..	2	49	..	..	5	165
Gódávari	1	168	3	53	..	..	4	221	4	74	4	46
Kistna	4	11	13	16	..	..	17	27	..	..	32	123
Kurnool	..	..	3	19	..	..	3	19	4	56	18	279
Bellary	..	..	2	11	..	..	2	11	1	16	4	12
Anantapur	..	..	..	..	..	..	..	..	2	14	12	63
Total ..	5	179	31	185	13	299	49	663	23	244	76	694
Central Circle.												
Cuddapah	..	..	7	50	5	240	12	290	..	..	17	370
Nellore	2	96	7	51	2	6	11	153	..	..	13	60
Chingleput	2	3	12	8	..	..	14	11	11	8	15	5
North Arcot	2	10	3	15	7	26	12	51	..	..	11	56
South Arcot	1	3	11	158	2	10	14	171	34	84	6	12
Salem	..	..	9	42	3	7	12	49	..	..	21	108
Trichinopoly	..	..	..	..	..	..	..	..	1	2	..	..
Tanjore	..	..	..	..	..	..	..	..	..	..	..	..
Total ..	7	112	49	324	19	289	75	725	46	94	83	611
Southern Circle.												
Canara	4	11	4	3	..	..	8	14	1	20	44	401
North Malabar ..	..	..	..	..	..	..	..	..	4	111	2	2
South Malabar ..	..	..	1	..	..	..	1	..	20	260	..	..
Nilgiris	..	..	..	..	33	1	33	1	..	..	1	..
North Coimbatore ..	..	..	7	318	1	212	8	530	2	1	11	261
South Coimbatore ..	1	1	2	2	..	..	3	3	..	..	1	3
Madura	4	8	14	20	4	19	22	47	..	..	11	31
Tinnevelly	..	..	9	3	..	..	9	3	1	2	7	12
Total ..	9	20	37	346	38	232	84	598	28	394	77	710
Grand Total ..	21	311	117	855	70	820	208	1,986	97	732	236	2,015

APPENDIX A.

Forest Settlement—*cont.*

Particulars of balance of lands under settlement—*cont.*

District.	Of lands notified under section 4 in the year.																									
	1883-84.		1884-85.		1885-86.		1886-87.		1887-88.		1888-89.		1889-90.		1890-91.		1891-92.		1892-93.		1893-94.		1894-95.		1895-96.	
	Number.	Area.	Number.	Area.	Number	Area.	Number.	Area.	Number.	Area.	Number.	Area.	Number.	Area.	Number.	Area.	Number.	Area.	Number.	Area.	Number.	Area.	Number.	Area.	Number.	Area.
	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45
Northern Circle.		S. M.		S. M.		S. M.		S. M.		S. M.		S. M.		S. M.		S. M.		S. M.		S. M.		S. M.		S. M.		S. M.
Ganjám ..	..	..	21	376	3	*22	..	..	..	..	..	..	..	..	..	..	1	2	5	16	1	1	2	3	1	6
Vizagapatam ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	36	3	*178	..	..	2	..	..	...
Gódávari ..	..	..	..	..	1	168	..	..	1	16	..	..	9	124	1	33	..	..	..	..	..	..	..	..	..	..
Kistna	..	..	..	..	..	..	..	..	..	..	..	..	* 4	24	..	..	* 1	*13	16	29	8	34	13	39	7	11
Kurnool ..	..	..	..	..	..	..	..	..	1	*22	..	..	..	..	..	..	* 9	*123	3	20	4	33	7	*155	1	1
Bellary	..	..	2	11	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	16	4	12
Anantapur ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	2	11	66	2	9
Total ..	..	..	23	387	4	190	..	..	2	38	..	..	13	148	1	33	13	174	27	243	14	70	36	279	15	39
Central Circle.																										
Cuddapah ..	* 1	*137	..	..	..	..	1	18	..	..	..	..	..	..	..	..	..	..	1	68	6	45	16	260	4	132
Nellore	* 2	* 46	1	*94	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..	..	2	3	12	45	7	25
Chingleput ..	..	..	..	..	..	..	..	..	..	..	.	..	* 1	..	* 2	1	* 3	3	* 3	* 5	17	9	7	* 3	† 7	3
North Arcot ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	3	12	63	6	22	4	19
South Arcot ..	..	..	* 2	*28	1	4	..	..	..	..	1	* 3	* 1	*22	1	75	*17	* 79	3	2	13	20	*12	* 24	3	10
Salem	..	..	..	..	..	..	..	..	..	..	..	..	1	3	..	..	..	..	..	..	3	14	14	55	15	85
Trichinopoly ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	2	..	..
Tanjore ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total ..	3	183	3	122	1	4	1	18	..	..	1	3	3	25	3	76	20	82	8	78	53	154	68	411	40	274
Southern Circle.																										
South Canara ..	..	..	..	..	1	*20	..	..	..	..	..	..	..	..	..	..	..	..	..	..	31	85	12	*215	9	115
North Malabar ..	..	..	2	*69	1	40	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	* 2	1	2	1	..
South Malabar ..	..	..	..	..	..	..	..	..	12	19	5	240	..	..	..	..	..	..	..	..	4	1	..	..	..	..
Nilgiris ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	33	1	1	..
North Coimbatore	..	..	..	..	..	..	..	..	1	280	..	..	..	..	2	458	..	..	..	..	6	37	12	17	..	..
South Coimbatore	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	* 3	..	..	..	..	1	3
Madura	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	*28	* 73	3	2	2	3	..	..	..	..
Tinnevelly ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	8	6	‡ 9	11
Total ..	..	..	2	69	2	60	..	..	13	299	5	240	..	..	2	458	28	73	6	5	44	128	66	241	21	129
Grand Total ..	3	183	28	578	7	254	1	18	15	337	6	243	16	173	6	567	61	329	41	326	111	352	170	931	76	442

* By rectification. † Two of the nine notified cancelled. ‡ One of the ten notified cancelled.

APPENDIX A.

Forest Settlement—*cont.*

Particulars of balance of lands under settlement—*cont.*

District.	Classification of balance in columns 6 and 7.											
	Settled and reported on.								Settled, but not reported on.		Settlement proceeding.	
	Notified under section 16 during 1895–96, but reservation effected only after 30th June 1896.		With Board or Government awaiting publication of notification under section 16.		Returned by the Board for revision and remaining either with Collector, District Forest-officer or Settlement-officer.		Total settled and reported on.					
	Number.	Area.	Number.	Area.	Number.	Area.	Number.	Area.	Number.	Area.	Number.	Area.
	8	9	10	11	12	13	14	15	16	17	18	19
Northern Circle.		SQ. MLS.		SQ. MLS.		SQ. MLS.		SQ.MLS.		SQ.MLS.		SQ. MLS.
Ganjám	..	..	8	37	13	299	21	336	12	84	1	6
Vizagapatam	..	..	2	49	..	..	2	49	..	..	5	165
Gódávari	1	168	3	53	..	..	4	221	4	74	4	46
Kistna	4	11	13	16	..	..	17	27	..	..	32	123
Kurnool	..	..	3	19	..	..	3	19	4	56	18	279
Bellary	..	..	2	11	..	..	2	11	1	16	4	12
Anantapur	..	..	..	..	..	..	..	..	2	14	12	63
Total ..	5	179	31	185	13	299	49	663	23	244	76	694
Central Circle.												
Cuddapah	..	..	7	50	5	240	12	290	..	..	17	370
Nellore	2	96	7	51	2	6	11	153	..	..	13	60
Chingleput	2	3	12	8	..	..	14	11	11	8	15	5
North Arcot	2	10	3	15	7	26	12	51	..	..	11	56
South Arcot	1	3	11	158	2	10	14	171	34	84	6	12
Salem	..	..	9	42	3	7	12	49	..	..	21	108
Trichinopoly	..	..	..	..	..	..	..	..	1	2	..	..
Tanjore	..	..	..	..	..	..	..	..	..	..	..	..
Total ..	7	112	49	324	19	289	75	725	46	94	83	611
Southern Circle.												
Canara	4	11	4	3	..	..	8	14	1	20	44	401
North Malabar ..	..	..	..	..	..	..	..	..	4	111	2	2
South Malabar ..	..	..	1	..	..	..	1	..	20	260	..	..
Nilgiris	..	..	..	..	33	1	33	1	..	..	1	..
North Coimbatore ..	..	..	7	318	1	212	8	530	2	1	11	261
South Coimbatore ..	1	1	2	2	..	..	3	3	..	..	1	3
Madura	4	8	14	20	4	19	22	47	..	..	11	31
Tinnevelly	..	..	9	3	..	..	9	3	1	2	7	12
Total ..	9	20	37	346	38	232	84	598	28	394	77	710
Grand Total ..	21	311	117	855	70	820	208	1,986	97	732	236	2,015

APPENDIX A.

Forest Settlement—*cont.*

Particulars of balance of lands under settlement—*cont.*

District.	Of lands notified under section 4 in the year.																									
	1883–84.		1884–85.		1885–86.		1886–87.		1887–88.		1888–89.		1889–90.		1890–91.		1891–92.		1892–93.		1893–94.		1894–95.		1895–96.	
	Number.	Area.	Number.	Area.	Number	Area.	Number.	Area.	Number.	Area.	Number.	Area.	Number.	Area.	Number.	Area.	Number.	Area.	Number.	Area.	Number.	Area.	Number.	Area.	Number.	Area.
	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45
Northern Circle.		S. M.		S. M.		S. M.		S. M.		S. M.		S. M.		S. M.		S. M.		S. M.		S. M.		S. M.		S. M.		S. M.
Ganjám ..	..	..	21	376	3	*22	..	..	..	..	..	..	..	..	..	..	1	2	5	16	1	1	2	3	1	6
Vizagapatam ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	36	3	*178	..	..	2	..	..	...
Gódávari ..	..	..	..	..	1	168	..	..	1	16	..	..	9	124	1	33	..	..	..	..	..	..	..	..	..	..
Kistna	..	..	..	..	..	..	..	..	..	..	..	..	* 4	24	..	..	* 1	*13	16	29	8	34	13	39	7	11
Kurnool ..	..	..	..	..	..	..	..	..	1	*22	..	..	..	..	..	..	* 9	*123	3	20	4	33	7	*155	1	1
Bellary	..	..	2	11	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	16	4	12
Anantapur ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	2	11	66	2	9
Total ..	..	..	23	387	4	190	..	..	2	38	..	..	13	148	1	33	13	174	27	243	14	70	36	279	15	39
Central Circle.																										
Cuddapah ..	* 1	*137	..	..	..	..	1	18	..	..	..	..	..	..	..	..	..	..	1	68	6	45	16	260	4	132
Nellore	* 2	* 46	1	*94	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..	..	2	3	12	45	7	25
Chingleput ..	..	..	..	..	..	..	..	..	..	..	..	..	* 1	..	* 2	1	* 3	3	* 3	* 5	17	9	7	* 3	† 7	3
North Arcot ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	3	12	63	6	22	4	19
South Arcot ..	..	..	* 2	*28	1	4	..	..	..	..	1	* 3	* 1	*22	1	75	*17	* 79	3	2	13	20	*12	* 24	3	10
Salem	..	..	..	..	..	..	..	..	..	..	..	..	1	3	..	..	..	..	..	..	3	14	14	55	15	85
Trichinopoly ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	2	..	..
Tanjore ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total ..	3	183	3	122	1	4	1	18	..	..	1	3	3	25	3	76	20	82	8	78	53	154	68	411	40	274
Southern Circle.																										
South Canara ..	..	..	..	..	1	*20	..	..	..	..	..	..	..	..	..	..	..	..	..	..	31	85	12	*215	9	115
North Malabar ..	..	..	2	*69	1	40	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	* 2	1	2	1	..
South Malabar ..	..	..	..	..	..	..	..	..	12	19	5	240	..	..	..	..	..	..	..	..	4	1	..	..	..	..
Nilgiris ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	33	1	1	..
North Coimbatore	..	..	..	..	..	..	..	..	1	280	..	..	..	..	2	458	..	..	..	..	6	37	12	17	..	..
South Coimbatore	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	* 3	..	..	..	..	1	3
Madura	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	*28	* 73	3	2	2	3	..	..	..	..
Tinnevelly ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	8	6	‡ 9	11
Total ..	..	..	2	69	2	60	..	..	13	299	5	240	..	..	2	458	28	73	6	5	44	128	66	241	21	129
Grand Total ..	3	183	28	578	7	254	1	18	15	337	6	243	16	173	6	567	61	329	41	326	111	352	170	931	76	442

* By rectification. † Two of the nine notified cancelled. ‡ One of the ten notified cancelled.

APPENDIX B.

Causes of delay in the submission of final notifications of forest reserves.

Districts.	Causes of delay.																	
	Notified under section 16 during 1896-96, but with effect only from 1896-97, i.e., after 30th June 1896.	With Board or Government awaiting publication of notification under section 16.	Pending preparation of maps.	Awaiting disposal of appeals.	Awaiting expiry of time prescribed for appeal.	Only recently notified under section 4.	Awaiting payment of compensation.	Awaiting settlement of claims under enquiry.	Awaiting District Forest-officers' answers to claims, demarcation, &c.	Settled, but final report pending with the Collector or Forest Settlement-officer.	Pending with the Collector or Forest Settlement-officer for revision of notifications.	Awaiting replies to references made to Collector or Board.	Awaiting inspection by Forest Settlement-officer.	Other causes, i.e., awaiting return of records from the District Courts, information from Tahsildars, &c.	Total.*
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Ganjám ..	..	8	7	..	1	..	1	..	1	..	13	..	..	3	34
Vizagapatam ..	..	2	2	3	1	..	..	..	..	..	..	..	2	..	7
Gódávari * ..	1	3	5	2	1	3	..	2	6	1	..	..	..	2	12
Kistna ..	4	13	1	2	..	..	..	1	4	4	..	..	5	8	49
Kurnool ..	..	3	..	..	..	..	..	..	..	..	..	1	5	10	25
Bellary ..	..	2	..	..	..	..	..	..	..	1	1	..	4	..	7
Anantapur ..	..	..	..	..	..	..	..	..	..	1	5	..	11	..	14
Cuddapah ..	..	1	..	..	..	..	..	..	..	2	2	..	13	..	29
Nellore ..	2	12	..	..	..	..	..	..	..	..	..	..	7	..	24
Chingleput ..	2	3	..	..	..	..	..	..	..	2	7	..	7	..	40
North Arcot ..	2	11	..	..	..	..	..	..	..	11	2	..	..	..	23
South Arcot ..	1	9	..	..	..	..	..	..	..	..	3	..	21	26	54
Salem ..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	33
Trichinopoly ..	4	4	4	..	..	..	..	1	..	..	..	..	..	..	1
South Canara ..	..	1	1	..	..	..	..	..	..	..	..	1	35	..	53
North Malabar ..	..	1	1	2	..	1	1	..	..	..	..	..	..	4	6
South Malabar ..	..	..	..	12	..	..	..	..	..	..	..	33	3	..	21
Nilgiris ..	..	7	..	..	..	1	..	..	..	..	1	2	..	11	34
North Coimbatore ..	1	2	2	..	..	..	..	..	..	..	4	..	6	..	21
South Coimbatore ..	4	14	..	..	..	3	..	2	1	1	..	..	..	3	4
Madura ..	..	9	..	..	1	..	..	..	..	..	..	..	..	1	33
Tinnevelly ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	17
Total ..	21	117	23	22	4	22	2	10	8	23	39	43	113	91	541

* The difference between this column and the total in Appendix C to Board's Proceedings, No. 396-F, dated 28th August 1896, is due to—(1) the clubbing of division of blocks; (2) the reported blocks pending with the Board, Government, Collector, District Forest-officer or with the Forest Settlement-officer; (3) the inclusion in this statement of the blocks with Divisional officers.

APPENDIX C.

Reserved lands not under settlement in square miles.

Districts.	Up to 189-495.	Added during 1894-95.	Added during 1895-96.	Total.	Transferred for settlement. Up to 1894-95.	During 1894-95.	During 1895-96.	Total.	Balance remaining reserved lands not under settlement.
1	2	3	4	5	6	7	8	9	10
Northern Circle.									
Ganjám	573	3	6 c — 23	559	573 c — 23	3	6	559	..
Vizagapatam ..	304	128	c — 17	415	303	— 2	..	301	114
Gódávari	1,001	..	b — 26	975	1,001 b — 26	..	..	975	..
Kistna	1,169	21 b — 1 c — 77	114 c — 2	1,212	754 c — 2 d — 12	40	11	791	421
Kurnool	1,954	279	7 a + 10 b — 3 c — 3	2,244	1,954 b — 3 c — 3	143	1 a + 10	2,102	142
Bellary	547	17	77 a 4 b — 2 c — 6	637	485 b — 2 c — 6 d + 3	— 1	12	491	146
Anantapur	442	71	9 b — 1 c — 4	517	442 b — 1 c — 4	71	9	517	..
Total ..	5,990	441	128	6,559	5,433	254	49	5,736	823
Central Circle.									
Cuddapah	2,155	112	110 a — 17 c — 3	2,357	1,835 a — 17	245	132	2,195	162
Nellore	600	52	26 a — 1 b — 12 c — 4	661	581 a — 1 b — 12 c — 4	53	26 a + 6	649	12
Chingleput	239	1	3 c — 5	238	224 c — 4	1	3	224	14
North Arcot	1,066	71	1 b — 1 c — 6	1,131	1,065 b — 1 c — 6	26 a — 1	18 a + 1	1,102	29
South Arcot	843	23	1 a — 49 b — 34 c — 5	779	843 a — 3 b — 34 c — 5 d — 45	6	10	772	7
Salem	1,311	35	80 a + 40 b — 1 c — 1	1,464	1,207 b — 1 c — 1 d + 40	51	85	1,381	83
Trichinopoly ..	240	3 b — 1 c — 5	c — 4	233	201 c — 4	3 b — 1 c — 5	..	194	39
Tanjore	24	9	c — 14	19	19	..	..	19	..
Total ..	6,478	300	104	6,882	5,877	378	281	6,536	346
Southern Circle.									
South Canara ..	1,113	27	9 c — 14 a — 1	1,134	224 a — 3 c — 1	214	115	549	585
North Malabar ..	275	2	c — 5	272	275 a — 2 c — 5	2	..	270	2
South Malabar ..	328	..	..	328	299	..	..	299	29
Nilgiris	436	— 14	a + 2	452	357	1	..	358	94
North Coimbatore ..	1,737	c — 19	a — 1	1,717	1,634	17	..	1,651	66
South Coimbatore ..	591	c — 4	3 c — 18 a + 85	657	574 a — 1 d + 85	c — 4	3	657	..
Madura	651	..	a + 1 c — 3	649	639 a + 1 c — 3	..	..	637	12
Tinnevelly	411	19	11 a — 5 c — 8	428	410 a — 4 c — 8	19	11	428	..
Total ..	5,542	39	56	5,637	4,471	249	129	4,849	788
Grand Total ..	18,010	780	288	19,078	15,781	881	459	17,121	1,957

a. By rectification. *b.* At Settlement. *c.* Unreserved or disforested.
d. By rectification of areas already constituted reserved forests.

| | | |

APPENDIX F.

STATEMENT showing the area of forest reserves closed to grazing, the area grazed over and the average number of cattle grazed per square mile during 1895–96.

Districts.	Area of reserved forests and reserved lands.	Area closed to grazing.	Area opened to grazing except sheep or goats.	Area grazed over.	Number of cattle and sheep admitted.	Average number of cattle per square mile.
	SQ. MLS.	SQ. MLS.	SQ. MLS.	SQ. MLS.	NO. CATTLE.	
1. Ganjám	559	123	436	..	42,107 cattle. 1,047 sheep.	99
2. Vizagapatam	415	4	411	111	7,260 cattle. No sheep.	18
3. Gódávari	975	302	673	..	No information.	..
4. Kistna	1,212	144	(a) 1,068	..	Do.	..
5. Kurnool	2,244	114	(b) 2,244	..	7,848 buffaloes. 91,633 bulls and cows. 67,312 sheep. 1,000 goats.	74
6. Bellary	637	186	(c) 451	451	30,775 buffaloes. 29,487 bulls and cows. 79,886 sheep. 650 goats.	311
7. Anantapur	517	110	407	..	35,421 cattle. 70 sheep.	89
8. Nellore	661	7	631 (d) 23	..	58,345 cattle. 5,821 buffaloes. 58,700 sheep and goats.	102
9. Cuddapah	2,357	4	2,353	..	No information.	..
10. Chingleput	238	38	(e) 200	..	1,361 buffaloes. 18,178 bulls and cows. 15,162 sheep. 1,315 goats.	173
11. North Arcot	1,131	64	(f) 1,067	..	88,843 cattle. 45,644 sheep.	131
12. South „	779	17	762	761	110,002 cattle. 129,832 sheep.	121
13. Salem	1,464	60	1,404	..	36,667 cattle.	144
14. Trichinopoly	233	46	187	..	..	26
15. Tanjore	19	2	17	..	1,013 cattle. 2,550 sheep.	..
16. South Canara	1,134	22	1,112	..	2,729 buffaloes. 21,887 cattle.	209
17. North Malabar	272	52	(g) 220	..	9,925	22
18. South „	328	328	..	..	..	45
19. Nilgiris	452	11	441	..	31,133	..
20. North Coimbatore	1,717	237	1,480	..	..	71
21. South „	657	265	392	..	18,622 cattle. 70,248 sheep.	..
22. Madura	649	29	620	..	..	228
23. Tinnevelly	428	300	128	..	..	..

(a) Of this, 313 square miles were open to goats also.
(b) Of this, goats were admitted in 2 square miles.
(c) In 95 square miles goats were also admitted.
(d) Reserved for sheep and goats only.
(e) Of this, goats were also admitted in 10 square miles.
(f) In 70 square miles sheep and goats were admitted.
(g) Of this, 105 square miles were open to all animals.

ANNUAL FORM No. 44-A.

Forest Department, Madras Presidency.

AREA of reserved forests, 1895–96.

District.	Area on the 1st July 1895.		Added during the year.	Excluded or transferred to other heads.	Area on 30th June 1896.	
	Acres.	Equivalent in square miles.	Acres.	Acres.	Acres.	Equivalent in square miles.
Northern Circle.						
Ganjám	86,754	136	69	2,007	84,816	133
Vizagapatam	37,431	58	18,194	..	55,625	87
Gódávari	333,218	521	72,360	..	405,578	634
Kistna	411,588	643	6,402	7,633	410,357	641
Kurnool	1,112,006	1,737	67,222	60,395	1,118,833	1,748
Bellary	230,436	360	60,074	1,199	289,311	452
Anantapur	243,188	380	38,335	..	281,523	440
Total ..	2,454,621	3,835	262,656	71,234	2,646,043	4,135
Central Circle.						
Cuddapah	799,962	1,250	182,613	.	982,575	1,535
Nellore	266,874	417	12,070	..	278,944	436
Chingleput	126,229	197	1,800	..	128,029	200
North Arcot	618,168	966	20,300	1,736	636,732	995
South Arcot	297,288	464	56,099	30,370	323,017	505
Salem	696,926	1,089	87,892	1,069	783,749	1,224
Trichinopoly	122,816	192	..	..	122,816	192
Tanjore	12,160	19	..	..	12,160	19
Total ..	2,940,423	4,594	360,774	33,175	3,268,022	5,106
Southern Circle.						
South Canara	72,795	114	..	..	72,795	114
Malabar, North	96,503	151	4,798	579	100,722	157
Do. South	25,173	39	..	..	25,173	39
Nilgiris	227,268	355	1,287	113	228,442	357
Coimbatore, North	549,860	859	..	100	549,760	859
Do. South	362,261	566	54,686	..	416,947	651
Madura	346,885	542	11,001	..	357,886	559
Tinnevelly	262,920	411	..	..	262,920	411
Total ..	1,943,665	3,037	71,772	792	2,014,645	3,147
Grand Total ..	7,338,709	11,466	695,202	105,201	7,928,710	12,388

Annual Form No. 44-B.

Forest Department, Madras Presidency.

Area of reserved lands, 1895–96.

Districts.	Area on 1st July 1895.		Added during the year.	Excluded or transferred to other heads.	Area on 30th June 1896.	
	Acres.	Equivalent in square miles.	Acres.	Acres.	Acres.	Equivalent in square miles.
Northern Circle.						
Ganjám	282,013	441	3,595	12,846	272,762	426
Vizagapatam	239,324	374	205	29,707	209,822	328
Gódávari	307,700	481	104	89,304	218,500	341
Kistna	300,395	469	112,329	47,392	365,332	571
Kurnool	316,732	495	16,991	16,580	317,143	496
Bellary	130,642	204	50,148	62,579	118,211	185
Anantapur	85,026	133	6,122	41,606	49,542	77
Total ..	1,661,832	2,597	189,494	300,014	1,551,312	2,424
Central Circle.						
Cuddapah	651,306	1,018	69,739	195,255	525,790	822
Nellore	150,103	235	16,650	22,691	144,062	225
Chingleput	27,139	42	1,841	4,691	24,289	38
North Arcot	109,526	170	664	22,875	87,315	136
South Arcot	257,228	402	391	82,468	175,151	274
Salem	164,910	258	51,129	62,522	153,517	240
Trichinopoly	28,912	45	..	2,662	26,250	41
Tanjore	8,820	14	..	8,820	..	..
Total ..	1,397,944	2,184	140,414	401,984	1,136,374	1,776
Southern Circle.						
South Canara	656,461	1,026	10,901	14,880	652,482	1,020
Malabar, North	80,376	126	129	6,973	73,532	115
Do. South	185,018	289	..	41	184,977	289
Nilgiris	61,663	96	234	1,328	60,569	95
Coimbatore, North	549,086	858	..	..	549,086	858
Do. South	13,358	21	1,884	11,256	3,986	6
Madura	70,076	109	2,041	13,973	58,144	90
Tinnevelly	12,192	19	5,967	7,263	10,896	17
Total ..	1,628,230	2,544	21,156	55,714	1,593,672	2,490
Grand Total ..	4,688,006	7,325	351,064	757,712	4,281,358	6,690

Annual Form No. 44-C.

Forest Department, Madras Presidency.

Area of reserved forests, 1895–96.

District.	Range.	Name of forest.	Area on 1st July 1895.		Added during the year.	Excluded.	Area on 30th June 1896.		Number and date of notification of addition or exclusion.	Remarks.
			Acres.	Equivalent in square miles.	Acres.	Acres.	Acres.	Equivalent in square miles.		
	Northern Circle.									
Ganjám.	Mojjaguda.	Dimrijholi	5,486	9	..	..	5,486	9	No. 414 of 16th Dec. 1887.	
		Rambha	9,300	15	..	..	9,300	15	No. 550 of 4th Nov. 1893.	
	Suradá ..	Bondagocha	4,400	7	..	..	4,400	7	No 253 of 13th Sept. 1888.	
		Malati	1,720	2	..	..	1,720	2	No. 254 of 13th Sept. 1888.	
		Dabuki	1,450	2	..	..	1,450	2	No. 445 of 3rd Oct. 1890.	
		Vinjagiri	6,000	9	..	..	6,000	9	No. 31 of 28th Jan. 1891.	
	Kukuluba.	Jagannathaprasad ..	26,200	41	..	..	26,200	41	No. 319 of 17th July 1890.	
		Chondragiri	18,320	29	..	..	18,320	29	No. 306 of 7th July 1891.	
		Kullada	2,760	4	..	..	2,760	4	No. 379 of 17th July 1893.	
	Buguda ..	Panchabuthia ..	4,320	7	..	..	4,320	7	No 53 of 12th Feb. 1891.	
		Vishnuchakram ..	4,860	8	..	..	4,860	8	No. 68 of 16th Feb. 1891.	
	Chicacole.	Singupuram	730	1	..	730	..	..	No. 195 of 10th Apr. 1896.	
		Ampolu	225	..	(a) 45	270	..	..		
		Koduru	279	1	..	272 7	..	..		
		Jammu	175			118 57				
		Rana	107	1	..	104 3	..	..		
		Tuluga	148	..	(a) 4	152		..		
		Rahimanpuram ..	274	..	(a) 20	294		..		
		Total ..	86,754	136	69	2,007	84,816	133		
Vizagapatam.	Palkonda.	Antikonda	..	..	6,800	..	6,800	..	No. 54 of 3rd Feb. 1896.	
		Chinamangalapuram.	51	..	..	..	51	..	No. 563 of 22nd Nov. 1894.	
		Garuguballi	27	..	..	..	27	..	No. 498 of 10th Oct. 1894.	
		Chinnagora	2,047	..	..	..	2,047	..	No. 294 of 12th June 1894.	
		Itchapuram	900	..	..	..	900	..	No. 119 of 9th Mar. 1895.	
		Pedabolla, &c. ..	..	..	29	..	29	..	No. 54 of 3rd Feb. 1896.	
	Sarvaeiddhi.	Peddapalli	9,077	..	..	..	9,077	..	No. 226 of 7th Aug. 1888.	
		Vemagiri	..	..	1,641	..	1,641	..	No. 283 of 18th May 1895.	
		Gokivada	1,305	..	..	..	1,305	..	No. 53 of 26th Mar. 1895.	
		Panchadharla ..	1,221	..	..	..	1,221	..	No. 128 of 11th Mar. 1895.	
		Kalavalapalli	1,242	..	..	..	1,242	..		
		Ramballi	485	..	..	..	485	..	No. 85 of 20th Feb. 1895.	
	Golgonda.	Arlova	2,473	..	..	..	2,473	..	No. 496 of 14th Oct. 1892.	
		Pedimikonda ..	3,227	..	..	..	3,227	..	No. 425 of 18th Aug. 1893.	
		Kakurlakonda ..	1,924	..	..	..	1,924	..	No. 496 of 14th Oct. 1892.	
		Venkatapuram ..	508	..	..	..	508	..		
		Kodavatipudi ..	1,544	..	..	..	1,544	..		
		Chintapally	11,400	..	..	..	11,400	..	No. 126 of 7th Mar. 1895.	
		Karakakonda ..	..	..	6,270	..	6,270	..	No. 48 of 9th Dec. 1895.	
		Madalamakonda ..	..	..	3,446	..	3,446	..	No. 328 of 12th June 1895.	
		Chinna karaka ..	..	..	8	..	8	..	No. 48 of 9th Dec. 1895.	
		Total ..	37,431	58	18,194	..	55,625	87		

(a) Rectification.

Area of reserved forests, 1895–96—*cont.*

District.	Range.	Name of forest.	Area on 1st July 1895. Acres.	Area on 1st July 1895. Equivalent in square miles.	Added during the year. Acres.	Excluded. Acres.	Area on 30th June 1896. Acres.	Area on 30th June 1896. Equivalent in square miles.	Number and date of notification of addition or exclusion.	Remarks.
	Northern Circle—cont.									
Gódávari.	Bhadrachalam.	Komanpalli	3,250	..	..	..	3,250	..	....	
		Mukanapalli	3,658	..	..	..	3,658	..	....	
		Dummagudem ..	6,110	..	..	..	6,110	..	....	
		Arlagudem	6,136	..	..	..	6,136	..	....	
		Tunikicheruvu ..	8,022	..	..	..	8,022	..	....	
		Bhadrachalam ..	10,860	..	..	..	10,860	..	....	
		Gogubaka	1,666	..	..	..	1,666	..	....	
	Manigudem.	Bandreo	10,900	..	..	..	10,900	..	....	
		Golaguppa	8,000	..	..	..	8,000	..	....	
		Narakonda	7,500	..	..	..	7,500	..	....	
		Pengha	4,400	..	..	..	4,400	..	....	
		Upanapalli	3,300	..	..	..	3,300	..	....	
		Tatlanka	12,000	..	..	..	12,000	..	....	
		Ramachendram ..	10,300	..	..	..	10,300	..	....	
		Repak	7,000	..	..	..	7,000	..	....	
		Sitarampuram ..	3,000	..	..	..	3,000	..	....	
		Bhandamgudem ..	7,100	..	..	..	7,100	..	....	
		Burkankota	1,500	..	..	..	1,500	..	....	
	Rekapalli.	Pulsumamidi	4,520	..	..	..	4,520	..	....	
		Manigura	44,500	..	..	..	44,500	..	....	
		Maltapalli	9,500	..	..	..	9,500	..	....	
		Nelakotta	2,500	..	..	..	2,500	..	....	
		Lakkavaram	6,500	..	..	..	6,500	..	....	
		Kallem	6,500	..	..	..	6,500	..	....	
		Kanslur	6,200	..	..	..	6,200	..	....	
		Walsugri	..	..	6,530	..	6,530	..	No. 55 of 4th Feb. 1896.	
	Rajahmundry.	Mallavaram	7,600	..	..	..	7,600	..	....	
		Mollem	8,250	..	..	..	8,250	..	....	
		Sudikonda	6,880	..	..	..	6,880	..	....	
		Devancheruvu block No. I.	..	..	1,287	..	1,287	..	No. 63 of 11th Feb. 1896.	
		Devancheruvu block No. II.	..	..	764	..	764	..		
		Lakkonda	..	..	13,104	..	13,104	..	No. 205 of 25th Apr. 1896.	
		Kovida	1,280	..	..	..	1,280	..	....	
		Murari	700	..	..	..	700	..	....	
	Peddapur.	Vuligogula	12,000	..	..	..	12,000	..	....	
		Sarlanka	15,000	..	..	..	15,000	..	....	
		Raghavapatnam ..	3,600	..	..	..	3,600	..	....	
		Anantavaram ..	4,000	..	..	..	4,000	..	....	
		Jotapalli	2,150	..	..	..	2,150	..	....	
		Banadapalli	5,800	..	..	..	5,800	..	....	
		Lododdi	7,200	..	..	..	7,200	..	....	
		Vatangi	8,840	..	..	..	8,840	..	....	
		Aminbada	4,480	..	..	..	4,480	..	....	
		Anantagiri	3,050	..	..	..	3,050	..	....	
		Labbarti	6,500	..	..	..	6,500	..	....	
		Ramasaram	..	..	800	..	800	..	No. 278 of 25th May 1895.	
		Doramamidi ..	..	..	6,400	..	6,400	..	No. 213 of 24th Apr. 1896.	
		Veerabbadrapuram ..	..	..	10,300	..	10,300	..	No. 215 of 24th Apr. 1896.	
		Jaddangi	..	..	5,775	..	5,775	..	No. 204 of 25th Apr. 1896.	
		Annavaram	..	..	8,500	..	8,500	..	No. 210 of 24th Apr. 1896.	
		Peddagurangi ..	..	..	4,000	..	4,000	..	No. 214 of 24th Apr. 1896.	
		Lingamparti ..	..	..	6,500	..	6,500	..	No. 211 of 24th Apr. 1896.	
	Yernagudem.	Ungutur block No. I.	2,200	..	..	..	2,200	..	....	
		Do. ,, II.	1,600	..	..	..	1,600	..	..	
		Bamullalapadu ..	1,650	..	..	..	1,650	..	....	
		Taduvai	1,500	..	..	..	1,500	..	....	
		Nallacherla	..	..	8,400	..	8,400	..	No. 1 of 7th Jan. 1896.	
	Ellore ..	Chinthalapudi ..	2,000	..	..	..	2,000	..	....	
		Tadikalapudi ..	2,500	..	..	..	2,500	..	....	
		Bandamcherla ..	5,200	..	..	..	5,200	..	....	
		Erraguntapalli ..	8,640	..	..	..	8,640	..	....	

Area of reserved forests, 1895–96—*cont.*

District.	Range.	Name of forest.	Area on 1st July 1895. Acres.	Area on 1st July 1895. Equivalent in square miles.	Added during the year. Acres.	Excluded. Acres.	Area on 30th June 1896. Acres.	Area on 30th June 1896. Equivalent in square miles.	Number and date of notification of addition or exclusion.	Remarks.
	Northern Circle—cont.									
Gódávari—*cont.*	Ellore—*cont.*	Velagalapalli ..	2,200	..	..	..	2,200	..	....	
		Barrikonda	3,500	..	..	..	3,500	..	....	
		Ramasingavaram ..	2,500	..	..	..	2,500	..	....	
	Delta ..	Narsapur	114	..	..	..	114	..	....	
		Coringa	7,000	..	..	..	7,000	..	....	
		Bendamurlanka ..	362	..	..	..	362	..	....	
		Total ..	333,218	521	72,360	..	405,578	634	..	
Kistna.	Bandur ..	Kara	21	..	..	..	21	..	....	
		Vanudurru	67	..	(*a*) 7	..	74	..	....	
		Vemavarampad ..	16	..	..	..	16	..	....	
		Bommumampad ..	26	..	..	..	26	..	....	
		Allinagaram	64	..	..	(*a*) 8	56	..	....	
		Kanukollu	567	..	(*a*) 30	..	597	..	....	
		Gopuvanipalem ..	206	..	..	(*a*) 12	194	..	....	
		Kodur	50	..	..	..	50	..	....	
		Gollapalem	390	..	..	..	390	..	....	
		Weld	65	..	..	..	65	..	....	
		Bandar fort	7,500	..	..	..	7,500	..	....	
		Palakayatippa ..	3,320	..	..	..	3,320	..	....	
		Sorlagondi	2,880	..	..	..	2,880	..	....	
		Nachugunta	8,640	..	..	..	8,640	..	....	
		Yilachittadibba ..	4,640	..	..	..	4,640	..	....	
	Bezwada.	Bezwada	300	..	(*a*) 129	..	429	..	....	
		Gunadala	377	..	..	..	377	..	....	
		Kondapalli	20,722	..	..	..	20,722	..	....	
		Do. extension.	1,225	..	..	..	1,225	..	....	
		Kothúr	7,230	..	..	..	7,230	..	....	
		Kondur	4,140	..	..	..	4,140	..	....	
		Velavadam	770	..	..	..	770	..	....	
		Jangalapalli	1,013	..	..	..	1,013	..	....	
		Dasullapalem	1,260	..	..	..	1,260	..	....	
		Gavaravaram	84	..	..	..	84	..	....	
		Budavada	4,650	..	..	..	4,650	..	....	
		Jaggayyapet	4,570	..	..	..	4,570	..	....	
		Nidamarru	383	..	..	(*a*) 2	381	..	....	S.
		Karlapudi	903	..	..	..	903	..	....	S.
		Narakodur	517	..	..	..	517	..	....	S.
		Kuragallu	1,305	..	..	(*a*) 38	1,267	..	....	S.
		Tadepalli	2,305	..	..	..	2,305	..	....	S.
		Gollamudi	194	..	(*a*) 8	..	202	..	....	S.
		Kolakalur	1,386	..	..	..	1,386	..	....	S.
		Lam	1,077	..	(*a*) 8	..	1,085	..	....	S.
		Chinapalakalur I ..	206	..	..	..	206	..	....	S.
		Nidumukkala ..	688	..	..	..	688	..	....	S.
		Motadaka	318	..	..	..	318	..	....	S.
		Pedamaddur	305	..	..	..	305	..	..	S.
		Kondavid	12,857	..	..	..	12,857	..	....	S.
		Do. extension 1.	539	..	..	..	539	..	....	S.
		Do. do. 2.	257	..	(*a*) 1	..	258	..	....	S.
	Sattenapalle.	Koranki	3,600	..	..	..	3,600	..	....	
		Madinapad	9,600	..	..	..	9,600	..	....	
		Tangeda	1,395	..	..	..	1,395	..	....	
		Bellamkonda	1,321	..	..	..	1,321	..	....	
		Venkatayapalem ..	40,566	..	..	..	40,566	..	....	
		Do. extension 1.	3,000	..	..	..	3,000	..	....	
		Nevalipuri	11,500	..	..	..	11,500	..	....	
		Bollapalli	40,000	..	..	..	40,000	..	..	
		Do. extension 1.	737	..	..	..	737	..	....	
		Kakirala I	13,120	..	..	..	13,120	..	....	
		Guttikonda	37,760	..	..	..	37,760	..	....	
		Koppukonda	5,000	..	..	(*a*) 273	4,727	..	....	
		Garladinne	515	..	..	..	515	..	....	
		Gokanakonda ..	328	..	..	..	328	..	....	
	Vinukonda.	Boggaram	..	..	58	..	58	..	No. 368 of 5th July 1895.	
		Bollapalli extension 6.	..	..	807	..	807	..	No. 417 of 31st July 1895.	
		Kakirala do. 6.	..	..	1,800	..	1,800	..	No. 82 of 11th Feb. 1896.	
		Ramudupalem ..	..	..	720	..	720	..	No. 115 of 4th Mar. 1896.	
		Bollapalli extension 5.	..	..	740	..	740	..	No. 140 of 20th Mar. 1896.	

(*a*) Rectification of area.

S. = Temporarily transferred from Sattenapalle range.

Area of reserved forests, 1895–96—*cont.*

District.	Range.	Name of Forest.	Area on 1st July 1895. Acres.	Area on 1st July 1895. Equivalent in square miles.	Added during the year. Acres.	Excluded. Acres.	Area on 30th June 1896. Acres.	Area on 30th June 1896. Equivalent in square miles.	Number and date of notification of addition or exclusion.	Remarks.
	Northern Circle—cont.									
Kistna—*cont.*	Vinukonda—*cont.*	Nayanipalem block II.	..	..	180	..	180	..	No. 168 of 30th Mar. 1896.	
		Kopparam II ..	659	..	..	..	659	..	....	
		Yellamanda I	510	..	..	(a) 12	498	..	....	
		Gorripad	..	..	1,067	..	1,067	..	....	
		Bobbepalli	359	..	..	..	359	..	....	
		Dronadula	255	..	..	..	255	..	....	
		Kakirala extension I.	..	..	222	..	222	..	....	
	Palnad	Tummurukodu I	24	..	..	..	24	..	....	
		Gangalagunta	24,461	..	..	(a) 6,802	17,659	..	....	
		Pasvimula	22,782	..	..	..	22,782	..	....	
		Kandlagunta	34,947	..	..	..	34,947	..	....	
		Mutukur	31,105	..	..	..	31,105	..	....	
		Do. I	255	..	..	..	255	..	....	
		Kakirala II	4,400	..	..	..	4,400	..	....	
		Tummurukodu III	3,730	..	..	..	3,730	..	....	
		Mutukur extension 2.	..	..	540	..	540	..	....	
	Bápatla	Lankavanidibba	2,850	..	..	..	2,850	..	No. 526 of 23rd Sept. 1895.	
		Kothapalem I	3,840	..	..	..	3,840	..	....	
		Kothapalem II	1,907	..	..	..	1,907	..	....	
		Dindi	600	..	..	486	114	..	....	
		Adavuladivi	536	..	..	..	536	..	....	
		Orr	123	..	..	..	123	..	....	
		Bapatla I and II	1,332	..	..	..	1,332	..	....	
		Karlapalem I and II.	297	..	..	..	297	..	....	
		Vedullapalli and extension 1.	176	..	..	..	176	..	....	
		Muthayapalem	9,569	..	85	..	9,654	..	....	
		Pandillapalli	162	..	..	..	162	..	....	
		Waderevu	82	..	..	..	82	..	....	
		Nayanipalli I	152	..	..	..	152	..	....	
		Total	411,588	643	6,402	7,633	410,357	641		
Kurnool	Sirvel	Sirvel	116,730	..	..	(a) 15,358	*101,372	..	....	
	Cumbum	Veligondas, South	16,755	..	..	..	16,755	..	....	
		Do. North	21,540	..	..	..	21,540	..	....	
		Uyyalvada	76,800	..	..	(a) 33,513	* 43,287	..	....	
	Cumbum Markapur.	Cumbum	217,600	..	..	(a) 9,465	208,135	..	....	
	Nandyal Nandikotkur and Sirvel.	Nandyal	186,700	..	..	(a) 1,995	*183,705	..	....	
	Nandikotkur	Nandikotkur	256,000	..	(a)60,331	..	*316,331	..	....	
	Ramallakota.	Ramallakota, East	1,920	..	..	..	* 1,920	..	....	
		Do. West	2,800	..	..	..	* 2,800	..	....	
		Langabunda	3,950	..	..	..	* 3,950	..	....	
		Yaperlapad	3,384	..	..	..	* 3,384	..	....	
		Gadidimadugu	2,891	..	..	..	* 2,891	..	....	
	Markapur.	Markapur	181,875	..	..	..	181,875	..	....	
	Cumbum.	Western Veligondas.	17,780	..	..	..	17,780	..	....	
	Ramallakot.	South Dhone	3,989	..	..	..	3,989	..	....	
	Pattikonda.	Pyapali	1,290	..	..	(a) 64	* 1,226	..	....	
	Markapur.	Buddivid	1,002	..	..	..	* 1,002	..	....	
	Pattikonda	Tekulakonda	..	..	715	..	715	..	No. 240 of 14th May 1895.	
		Kappatralla	..	..	3,029	..	* 3,029	..	No. 605 of 19th November 1895	
	Sirvel	Kotakonda	..	..	1,657	..	* 1,657	..	No. 604 of 19th November 1895.	
	Pattikonda.	Karumanchi, No. I	..	..	1,074	..	* 1,074	..	No. 117 of 10th March 1896.	
		Do. No. II	..	..	416	..	* 416	..		
		Total	1,112,006	1,737	67,222	60,395	1,118,833	1,748		
Bellary	Bellary	Bellary	8,000	..	(a)2,152	..	10,152	..	....	
		Minchery	4,000	..	..	..	4,000	..	....	
		Rayadrug	6,000	..	..	..	6,000	..	....	
		Aduguppa	950	..	..	..	950	..	....	
		Kurugadu W.	750	..	(a) 89	..	839	..	....	
		Do. N.W.	250	..	..	(a) 41	209	..	....	
		Tekkalakota	600	..	..	..	600	..	....	
		Halekota	640	..	(a) 203	..	843	..	....	
		Dharmapuri	4,100	..	..	..	4,100	..	....	

(a) Rectification of area. * Correct areas.

Area of reserved forests, 1895–96—*cont.*

District.	Range.	Name of forest.	Area on 1st July 1895. Acres.	Area on 1st July 1895. Equivalent in square miles.	Added during the year. Acres.	Excluded. Acres.	Area on 30th June 1896. Acres.	Area on 30th June 1896. Equivalent in square miles.	Number and date of notification of addition or exclusion.	Remarks.
	Northern Circle—cont.									
Bellary—*cont.*	Bellary—*cont.*	Suguru	530	..	(a) 31	..	561	..	....	
		Nadivi	425	..	(a) 5	..	430	..	....	
		Vonnahalli	105	..	(a) 8	..	113	..	....	
		Mundrigi	48	..	(a) 3	..	51	..	....	
		Udegolam	..	..	(a) 440	..	440	..	No. 633 of 11th Dec. 1895.	
		Kontalahalli	..	..	(a)1,073	..	1,073	..	No. 232 of 7th May 1895.	
		Virapuram B	..	..	(a)3,429	..	3,429	..	No. 118 of 10th Mar. 1896.	
		Upparahosahalli	1,037	..	..	..	1,037	..	....	
		Mechery	..	..	(a)1,561	..	1,561	..	No. 378 of 16th July 1895.	
		Mallapuram A	..	..	(a)1,562	..	1,562	..	No. 528 of 24th Sept. 1895.	
		Badhchalu	940	..	(a) 4	..	944	..	....	
		Halwi	1,200	..	..	..	1,200	..	....	
		Halekota	428	..	..	..	428	..	....	
		Gummanoor N.W. / Do. N.E. / Do. N.	659	..	..	..	659	..	....	
		Degulahalu	110	..	..	..	110	..	....	
		Yeruru S.W. / Do. S. / Do. W	520	..	..	..	520	..	....	
		Adoni E.	1,834	..	..	(a) 88	1,746	..	....	
		Do. W.	3,165	..	..	(a) 28	3,137	..	....	
		Ganekallu	1,074	..	..	..	1,074	..	....	
		Katalam	658	..	..	..	658	..	....	
		Sulikeri	..	..	1,337	..	1,337	..	No. 446 of 20th Aug. 1895.	
		Tungabhadra	..	..	2,577	..	2,577	..	No. 623 of 3rd Dec. 1895.	
		Nandavaram	957	..	..	..	957	..	....	
		Rayachoti I, II and III.	1,585	..	(a) 54	..	1,639	..	No. 457 of 27th Aug. 1895.	
		Kadimetla A and C	..	..	1,992	..	1,992	..	....	
	Adóni	Banavasi	2,180	..	..	..	2,180	..	....	
		Kotakallu	2,586	..	..	..	2,586	..	....	
		Kadaburu	..	..	2,514	..	2,514	..	No. 429 of 13th Aug. 1895.	
		Ramadurgam konda.	337	..	..	(a) 35	302	..	....	
		Kanchagarabelagallu.	856	..	(a) 467	..	1,323	..	....	
		Mudatamagi	317	..	(a) 297	..	614	..	....	
		Holalagundi	906	..	..	(a) 138	768	..	....	
		Virupapuram	110	..	(a) 25	..	135	..	....	
		Pagalachukka vanka.	241	..	..	(a) 1	240	..	....	
		Nagaradona	140	..	(a) 9	..	149	..	....	
		Bilehalu	906	..	..	(a) 66	840	..	....	
		Chinnakadaburu	668	..	(a) 9	..	677	..	....	
		Halabarivi	820	..	..	(a) 55	765	..	....	
		Dibbanakallu	833	..	..	..	833	..	....	
		Basapuram	149	..	..	..	149	..	....	
		Belagallu	..	..	721	..	721	..	No. 167 of 7th Apr. 1896.	
		Isivi	..	..	863	..	863	..	No. 295 of 11th June 1895.	
		Naulikallu A and B	..	..	815	..	815	..	No. 83 of 18th Feb. 1896.	
		Kupgallu addition	541	..	..	..	541	..	....	
		Dibbanakallu extension.	..	..	197	..	197	..	No. 296 of 11th June 1895.	
		Chippigiri W. / Do. S. / Do. S. E.	1,159	..	..	..	1,159	..	....	
		Gundu	5,456	..	..	..	5,456	..	....	
		Joga A and B	3,264	..	..	..	3,264	..	....	
	Sandúr	Tumbaraguddi	2,500	..	..	..	2,500	..	....	
		Gollalingammanahalli.	1,000	..	..	..	1,000	..	....	
		Somalapuram	2,600	..	..	..	2,600	..	....	
		Bandri	16,239	..	..	..	16,239	..	....	

(a) By rectification of area.

Area of Reserved forests, 1895-96—*cont.*

District.	Range.	Name of Forest.	Area on 1st July 1895. Acres.	Area on 1st July 1895. Equivalent in square miles.	Added during the year. Acres.	Excluded. Acres.	Area on 30th June 1896. Acres.	Area on 30th June 1896. Equivalent in square miles.	Number and date of notification of addition or exclusion.	Remarks.
	Northern Circle—cont.									
Bellary—*cont.*	Sandúr—*cont.*	Hospet	3,030	..	..	..	3,030	..	....	
		Ubbalagandi	692	..	..	..	692	..	....	
		Billakallu	12,447	..	..	..	12,447	..	....	
		Bukkasagaram ..	5,987	..	..	..	5,987	..	....	
		Papinayakanahalli ..	..	..	345	..	345	..	No. 297 of 11th June 1895.	
		Joga block C. ..	1,435	..	..	..	1,435	..	....	
		Do. N. W. ..	2,674	..	..	..	2,674	..	....	
		Billakallu S. W. ..	..	..	3,110	..	3,110	..	No. 451 of 20th Aug. 1895.	
		Toranagallu	2,100	..	..	(a) 747	1,353	..	....	
		Timmapuram ..	965	..	(a) 33	..	998	..	....	
		Chilakanabatti ..	733	..	..	..	733	..	....	
		Shivapuram	9,000	..	..	..	9,000	..	....	
		Chiribi	3,000	..	..	..	3,000	..	....	
		Sunkadakallu ..	7,000	..	..	..	7,000	..	....	
		Hyrada	16,400	..	..	..	16,400	..	....	
		Sogi	4,200	..	..	..	4,200	..	....	
		Jittinagutta	12,244	..	..	..	12,244	..	....	
		Jangikalgutta ..	12,882	..	..	..	12,882	..	....	
		Alagilavada	1,900	..	..	..	1,900	..	....	
		Uchangidurgam ..	4,200	..	..	..	4,200	..	....	
		Banivikallu .. .	3,564	..	..	..	3,564	..	....	
		Gudekota	..	..	6,994	..	6,994	..	No. 564 of 29th Oct. 1895.	
		Nimbalagiri	4,792	..	..	..	4,792	..	....	
		Sunkadakallu E. ..	843	..	..	..	843	..	....	
		Ramadurgam	2,500	..	..	..	2,500	..	....	
		Kakkuppi	9,000	..	..	..	9,000	..	....	
		Keriyaginahalli ..	3,122	..	..	..	3,122	..	....	
		Kakkuppi N. E. extension.	1,490	..	..	..	1,490	..	....	
		Kakkuppi S. E. extension.	442	..	..	..	442	..	....	
		Banivikallu N. E. ..	1,535	..	..	..	1,535	..	....	
		Shivapuram extension.	5,961	..	..	..	5,961	..	....	
		Tumbinakeri	1,946	..	..	..	1,946	..	....	
		Koyilaragatti ..	..	..	1,899	..	1,899	..	No. 234 of 7th May 1895.	
	Kudligi range.	Chiribi extension ..	5,528	..	..	..	5,528	..	....	
		Alagilavada A and B.	..	..	1,720	..	1,720	..	No. 380 of 16th July 1895.	
		Sogi North extension.	.. 230	..	463	..	463	..	No. 231 of 7th May 1895.	
		Do. South					230	..	....	
		Do. North-west ..	308	..	..	..	308	..	....	
		Nimbalagiri, North ..	299	..	..	..	299	..	....	
		Do. West ..	630	..	..	..	630	..	....	
		Do. North-east.	1,775	..	..	..	1,775	..	....	
		Sunkadakallu, North west.	450	..	..	..	450	..	....	
		Sunkadakallu, South and West.	..	..	6,314	..	6,314	..	No. 233 of 7th May 1895.	
		Sunkadakallu East ..	759	..	..	..	759	..	....	
		Nilagunda	..	..	1,847	..	1,847	..	No. 312 of 11th June 1895.	
		Bennikallu	..	..	7,723	..	7,723	..	No. 324 of 18th June 1895.	
		Tagarikatti	..	..	3,948	..	3,948	..	No. 301 of 11th June 1895.	
		Garbhagadi	..	..	685	..	685	..	No. 533 of 1st October 1895.	
		Adivi Mallapuram ..	..	..	935	..	935	..	No. 313 of 11th June 1895.	
		Alamarshikeri ..	..	..	983	..	983	..	No. 352 of 2nd July 1895.	
		Harivi	..	..	638	..	638	..	No. 359 of 2nd July 1895.	
	Sandúr ..	Toranagallu ..	2,100	..	..	(a) 747	1,353	..	....	
		Timmapuram ..	965	..	(a) 33	..	998	..	....	
		Chilakanabatti ..	733	..	..	..	733	..	....	
		Total ..	230,436	360	60,074	1,199	289,311	452		

(a) By rectification of area.

Area of reserved forests, 1895-96—*cont.*

District.	Range.	Name of forest.	Area on 1st July 1895. Acres.	Area on 1st July 1895. Equivalent in square miles.	Added during the year. Acres.	Excluded. Acres.	Area on 30th June 1896. Acres.	Area on 30th June 1896. Equivalent in square miles.	Number and date of notification of addition or exclusion.	Remarks.
	Northern Circle—cont.									
Anantapur.	Gooty ..	Khojjapalle	342	..	..	..	342	..	....	
		Pamidi	640	..	..	..	640	..	....	
		Guntakal No. I ..	384	..	..	..	384	..	....	
		Do. ,, II ..	165	..	..	..	165	..	....	
		Do. ,, III ..	384	..	..	..	384	..	....	
		Peddaboddi	2,479	..	..	..	2,479	..	....	
		Bhadrampalli ..	4,226	..	..	..	4,226	..	....	
		Tarimela	11,574	..	..	..	11,574	..	....	
		Penakacherla B-I ..	289	..	..	..	289	..	....	
		Katrineal, E. and W.	12,232	..	..	..	12,232	..	....	
		Nagasamudram, N. and S.	11,731	..	..	..	11,731	..	....	
		Panakacherla B-II ..	373	..	..	..	373	..	....	
		Marutla	12,956	..	..	..	12,956	..	....	
		Jakkalacheruvu ..	2,468	..	..	..	2,468	..	....	
		Illur	1,293	..	..	..	1,293	..	....	
		Teliki	891	..	..	..	891	..	....	
		Kristipad	869	..	..	..	869	..	....	
		Koppulakonda ..	738	..	..	..	738	..	....	
		Ravuladiki	2,021	..	..	..	2,021	..	....	
		Malakatulla	3,855	..	..	..	3,855	..	....	
		Kanumpalli	..	..	2,216	..	2,216	..	No. 64 of 8th Feb. 1896.	
	Muchukota.	Anantapur	129	..	..	..	129	..	....	
		Durgam	3,640	..	..	..	3,640	..	....	
		Kunukuntla	1,616	..	..	..	1,616	..	....	
		Chillavaripalli ..	4,980	..	..	..	4,980	..	....	
		Doditota	3,634	..	..	..	3,634	..	....	
		Neriyampalli	2,285	..	..	..	2,285	..	....	
		Yellutla	9,182	..	..	..	9,182	..	....	
		Upparapalli	782	..	..	..	782	..	....	
		Yediki	9,676	..	..	..	9,676	..	....	
		Yellavur	1,156	..	..	..	1,156	..	....	
		Kuderu	10,711	..	..	..	10,711	..	....	
		Muchukota	..	..	21,759	..	21,759	..	No. 531 of 20th Aug 1895.	
	Dharmavaram.	Boodikonda A and B.	1,275	..	..	..	1,275	..	....	
		Bhadrapur	3,347	..	..	..	3,347	..	....	
		Kalyandrug, North .. / Do. South ..	1,471	..	..	..	1,471	..	....	
		Nyalakota	12,156	..	..	..	12,156	..	....	
		Gutlur	7,761	..	..	..	7,761	..	....	
		Ramagiri	9,527	..	..	..	9,527	..	....	
		Shiripi	..	..	822	..	822	..	No. 591 of 12th Nov. 1895.	
	Penukonda.	Narasampalli	2,210	..	..	..	2,210	..	....	
		Kottakota	11,016	..	..	..	11,016	..	....	
		Neiradykonda ..	2,217	..	..	..	2,217	..	....	
		Agraharam	2,134	..	..	..	2,134	..	....	
		Vengalammacheruvu.	2,371	..	..	..	2,371	..	....	
		Mallapakonda ..	4,370	..	..	..	4,370	..	....	
		Mallakaveimlakonda.	2,285	..	..	..	2,285	..	....	
		Somandapalli	9,782	..	..	..	9,782	..	....	
		Yerlampalli	2,959	..	..	..	2,959	..	....	
		Cherlapani	1,576	..	..	..	1,576	..	....	
		Janniavalapalli ..	6,085	..	..	..	6,085	..	....	
		Elavalakonda ..	1,833	..	..	..	1,833	..	....	
		Penukonda	4,632	..	..	..	4,632	..	....	
	Hindupur.	Somarajmalai ..	2,115	..	..	..	2,115	..	....	
		Kondur	607	..	..	..	607	..	....	
		Gopidevarapalli ..	1,884	..	..	..	1,884	..	....	
		Dokkalakonda ..	7,420	..	..	..	7,420	..	....	
		Yerrakonda	7,729	..	..	..	7,729	..	....	
		Amagondapaliem ..	15,360	..	..	..	15,360	..	....	
		Sankarakallu, North.	402	..	..	..	402	..	....	
		Madakasira, South B-I and II.	963	..	..	..	963	..	....	
		Kakathi	..	..	2,470	..	2,470	..	No. 279 of 18th May 1895.	
	Madakasira.	Gundumala	..	..	5,344	..	5,344	..	No. 65 of 8th Feb. 1896.	
		Madakasira, North ..	..	..	3,473	..	3,473	..	No. 80 of 15th Feb. 1896.	
		Yerracherla	..	..	1,243	..	1,243	..	No. 144 of 19th Mar. 1896.	
		Sankarakallu, South ..	..	..	1,008	..	1,008	..	No. 148 of 16th Mar. 1896.	
		Total ..	243,188	380	38,335	..	281,523	440		

Area of reserved forests, 1895–96—*cont.*

District.	Range.	Name of forest.	Area on 1st July 1895. Acres.	Area on 1st July 1895. Equivalent in square miles.	Added during the year. Acres.	Excluded. Acres.	Area on 30th June 1896. Acres.	Area on 30th June 1896. Equivalent in square miles.	Number and date of notification of addition or exclusion.	Remarks.
	Central Circle.									
Cuddapah.	Koduru ..	Koduru plantation ..	50	..	..	..	50	..	....	
		Thunakonda	1,048	..	..	..	1,048	..	....	
		Uparapalli	108	..	..	..	108	..	....	
		Koduru hill	7,440	..	..	..	7,440	..	....	
		Settikunta	8,960	..	..	..	8,960	..	....	
		Avalapenta	1,434	..	..	..	1,434	..	....	
		Gotimanikona ..	3,732	..	..	..	3,732	..	....	
		Muslitiyeru	6,432	..	..	..	6,432	..	....	
		Chiyyavaram ..	2,666	..	..	..	2,666	..	....	
		Reddipalli plantation.	1,415	..	..	..	1,415	..	....	
		Kodivengammah bhavi.	3,788	..	..	..	3,788	..	....	
		Reddipalli extension.	..	..	458	..	458	..	No. 592 of 2nd Nov. 1895.	
	Rajampet and Koduru.	Salivendra	12,800	..	..	..	12,800	..	....	
		Citvel	4,571	..	..	..	4,571	..	....	
	Rajampet.	Pullampet plantation.	426	..	..	..	426	..	....	
		Vattalur	2,880	..	..	..	2,880	..	....	
		Budaguntapalli ..	1,538	..	..	..	1,538	..	....	
		Tippayapalli	334	..	..	..	334	..	....	
		Murriutla	..	..	5,539	..	5,539	..	No. 265 of 15th May 1895.	
	Sidhout and Cuddapah.	Konamalapalli ..	4,435	..	..	..	4 435	..	....	
	Sidhout ..	Malliamkonda ..	10,240	..	..	..	10,240	..	....	
		Vontimitta	4,500	..	..	..	4,500	..	....	
		Konarazupalli ..	9,696	..	..	..	9,696	..	....	
		Ramapuram	5,300	..	..	..	5,300	..	....	
		Malliamkonda addition.	906	..	..	..	906	..	....	
		Ramapuram extension	2,613	..	..	..	2,613	..	....	
		Turupukonda ..	8,378	..	..	..	8,378	..	....	
		Kamalapuram plantation.	561	..	..	..	561	..	....	
	Cuddapah	Gonumakulapalli ..	1,280	..	..	..	1,280	..	....	
		Tummalur	1,450	..	..	..	1,450	..	....	
		Kommaddi	684	..	..	..	684	..	....	
		Ganganapalli ..	..	..	19,232	..	19,232	..	No. 294 of 27th May 1895.	
		Idupalapaya palmyra plantation.	..	..	653	..	653	..	No. 611 of 19th Nov. 1895.	
	Badvel ..	Kavalakuntla north and south.	10,142	..	..	..	10,142	..	....	
		Ganugapenta ..	11,577	..	..	..	11,577	..	....	
		Gopavaram	7,950	..	..	..	7,950	..	....	
		Do. extension.	4,980	..	..	..	4,980	..	....	
		Sancherla	5,248	..	..	..	5,248	..	....	
		Kalasapad	5,111	..	..	..	5,111	..	....	
		Kottakota	..	..	38,742	..	38,742	..	No. 338 of 12th June 1895.	
		Kavalakuntla extension.	..	..	4,333	..	4,333	..	No. 114 of 4th Mar. 1896.	
	Ráyachóti and Rajampet.	Gadikota	12,462	..	..	..	12,462	..	....	
		Yerrakonda (north and south).	7,515	..	..	..	7,515	..	....	
		Yerrakonda extension.	..	..	11,996	..	11,996	..	No. 447 of 18th Aug. 1895.	
	Ráyachóti.	Sibbyala	3,500	..	..	..	3,500	..	....	
		Tsundapalle	3,000	..	..	..	3,000	..	....	
		Vandadi hill	3,390	..	..	..	3,390	..	....	
		Madhavaram ..	4,681	..	..	..	4,681	..	....	
		Polymyrapalli ..	..	..	1,702	..	1,702	..	No. 440 of 13th Aug. 1895.	
		Hasanapuram ..	..	..	286	..	286	..	No. 514 of 9th Sept. 1895.	
		Mudumpad slopes ..	..	..	9,024	..	9,024	..	No. 84 of 11th Feb. 1896.	
	Vayalpad.	Yellutla	3,433	..	..	..	3,433	..	....	
		Doddipalli	1,981	..	..	..	1,981	..	....	
		Peddamallela ..	3,698	..	..	..	3,698	..	....	
		Ankalammakonda ..	4,640	..	..	..	4,640	..	....	
		Bhakarapet	10,600	..	..	..	10,600	..	....	
		Talakonda	18,900	..	..	..	18,900	..	....	
		Sorrakayalapet ..	2,832	..	..	..	2,832	..	....	
		Piler	396	..	..	..	396	..	....	
		Pattigadda	300	..	..	..	300	..	....	

Area of reserved forests, 1895–96—*cont.*

District.	Range.	Name of forest.	Area on 1st July 1895. Acres.	Area on 1st July 1895. Equivalent in square miles.	Added during the year. Acres.	Excluded. Acres.	Area on 30th June 1896. Acres.	Area on 30th June 1896. Equivalent in square miles.	Number and date of notification of addition or exclusion.	Remarks.
	Central Circle—cont.									
Cuddapah—*cont.*	Vayalpad—*cont.*	Vayalpad	215	..	..	..	215	..	....	
		Marrella, Gaggibuchikona, Yerramoralagiddi.	18,180	..	..	..	18,180	..	....	
		Sorrakayalapet extension.	..	..	740	..	740	..	No. 350 of 22nd June 1895.	
	Madanapalle.	Kotammakonda ..	640	..	..	..	640	..	....	
		Madhanikonda ..	1,750	..	..	..	1,750	..	....	
		Nallakonda	3,856	..	..	..	3,856	..	....	
		Kukkarajupalle ..	1,660	..	..	..	1,660	..	....	
		Pulikonda	2,460	..	..	..	2,460	..	....	
		Mothugamalai ..	2,674	..	..	..	2,674	..	....	
		Potapolu	264	..	..	..	264	..	....	
		Pentsupadu	2,870	..	..	..	2,870	..	....	
		Avalakonda	7,700	..	..	..	7,700	..	....	
		Tavalam	8,450	..	..	..	8,450	..	....	
		Horsleykonda, Mudimadugu.	15,500	..	..	..	15,500	..	....	
		Tsadukonda	15,023	..	..	..	15,023	..	....	
		Chinnatippasamudram	432	..	..	..	432	..	....	
		Kurubalakota ..	348	..	..	..	348	..	....	
		Batlapur	956	..	..	..	956	..	....	
		Vellichellamala ..	3,560	..	..	..	3,560	..	....	
		Mudupulajuvvi ..	1,226	..	..	..	1,226	..	....	
		Kukkarazukonda ..	2,720	..	..	..	2,720	..	....	
		Tummala	24,097	..	..	..	24,097	..	....	
		Niggadi	27,770	..	..	..	27,770	..	....	
		Somarazumulai, east..	910	..	..	..	910	..	....	
		Tummalamala ..	8,210	..	..	..	8,210	..	....	
		Kondakamerla ..	4,113	..	..	..	4,113	..	....	
		Nallamasettipalle ..	298	..	..	..	298	..	....	
	Kadiri ..	Mudigubba	441	..	..	..	441	..	....	
		Balasamudram ..	245	..	..	..	245	..	....	
		Ganjepalle	228	..	..	..	228	..	....	
		Goddavelugalu ..	2,488	..	..	..	2,488	..	....	
		Malkavemala ..	2,760	..	..	..	2,760	..	....	
		Kadiri	5,420	..	..	..	5,420	..	....	
		Kutagulla	718	..	..	..	718	..	....	
		Nagareddipalli ..	694	..	..	..	694	..	....	
		Kokkanty	9,373	..	..	..	9,373	..	....	
		Dodiyam	1,800	..	..	..	1,800	..	....	
		Yamavaram	1,600	..	..	..	1,600	..	....	
		Kondasunkerla ..	2,612	..	..	..	2,612	..	....	
		Kosinepalle	7,040	..	..	..	7,040	..	....	
		Malamida Kambaladinne.	3,440	..	..	..	3,440	..	....	
	Proddatur.	Pennér	520	..	..	..	520	..	....	
		Dabbadopalli ..	1,950	..	..	..	1,950	..	....	
		Gandikota (north and south).	6,408	..	..	..	6,408	..	....	
		Pallavole	..	..	809	..	809	..	No. 108 of 4th March 1896.	
		Chapad	..	..	809	..	809	..		
	Vayalpad and Madanapalle.	Guttapalem	2,522	..	..	..	2,522	..	....	
		Nurukuppalakonda ..	8,461	..	..	..	8,461	..	....	
		Tarigoda	6,831	..	..	..	6,831	..	....	
	Cuddapah and Kadiri.	Dorigallu	24,032	..	..	..	24,032	..	....	
		Gorivikanama ..	30,560	..	..	..	30,560	..	....	
	Ráyachóti and Vayalpad.	Urukonda	7,986	..	..	..	7,986	..	....	
	Rajampet and Sidhout.	Kottur	12,160	..	..	..	12,160	..	....	
		Kanakalakonda ..	2,641	..	..	..	2,641	..	....	
		Patur	3,334	..	..	..	3,334	..	....	
		Cheyur	1,900	..	..	..	1,900	..	....	
		Kokiletikanama ..	4,609	..	..	..	4,609	..	....	
	Badvel and Proddatur.	Kanchalamoram ..	9,678	..	..	..	9,678	..	....	
		Dasaripalli	..	..	55,662	..	55,662	..	No. 338 of 12th June 1895.	
	Proddatur and Cuddapah.	Kondapuram ..	1,977	..	..	..	1,977	..	....	
		Mallela, north and south.	3,754	..	..	..	3,754	..	....	
		Niduzuvoi	1,597	..	..	..	1,597	..	....	
		Rameswaram ..	1,044	..	..	..	1,044	..	....	
		Bhanakotamala ..	10,580	..	..	..	10,580	..	....	

Area of reserved forests, 1895–96—*cont.*

District.	Range.	Name of forest.	Area on 1st July 1895. Acres.	Area on 1st July 1895. Equivalent in square miles.	Added during the year. Acres.	Excluded. Acres.	Area on 30th June 1896. Acres.	Area on 30th June 1896. Equivalent in square miles.	Number and date of notification of addition or exclusion.	Remarks.
	Central Circle.									
Cuddapah.	Koduru ..	Koduru plantation ..	50	..	..	..	50	..	....	
		Thunakonda	1,048	..	..	..	1,048	..	....	
		Uparapalli	108	..	..	..	108	..	....	
		Koduru hill	7,440	..	..	..	7,440	..	....	
		Settikunta	8,960	..	..	..	8,960	..	....	
		Avalapenta	1,434	..	..	..	1,434	..	....	
		Gotimanikona ..	3,732	..	..	..	3,732	..	....	
		Muslitiyeru	6,432	..	..	..	6,432	..	....	
		Chiyyavaram ..	2,666	..	..	..	2,666	..	....	
		Reddipalli plantation.	1,415	..	..	..	1,415	..	....	
		Kodivengammah bhavi.	3,788	..	..	..	3,788	..	....	
		Reddipalli extension.	..	..	458	..	458	..	No. 592 of 2nd Nov. 1895.	
	Rajampet and Koduru.	Salivendra	12,800	..	..	..	12,800	..	....	
		Citvel	4,571	..	..	..	4,571	..	....	
	Rajampet.	Pullampet plantation.	426	..	..	..	426	..	....	
		Vattalur	2,880	..	..	..	2,880	..	....	
		Budaguntapalli ..	1,538	..	..	..	1,538	..	....	
		Tippayapalli	334	..	..	..	334	..	....	
		Murriutla	..	..	5,539	..	5,539	..	No. 265 of 15th May 1895.	
	Sidhout and Cuddapah.	Konamalapalli ..	4,435	..	..	..	4 435	..	....	
	Sidhout ..	Malliamkonda ..	10,240	..	..	..	10,240	..	....	
		Vontimitta	4,500	..	..	..	4,500	..	....	
		Konarazupalli ..	9,696	..	..	..	9,696	..	....	
		Ramapuram	5,300	..	..	..	5,300	..	....	
		Malliamkonda addition.	906	..	..	..	906	..	....	
		Ramapuram extension	2,613	..	..	..	2,613	..	....	
		Turupukonda ..	8,378	..	..	..	8,378	..	....	
	Cuddapah	Kamalapuram plantation.	561	..	..	..	561	..	....	
		Gonumakulapalli ..	1,280	..	..	..	1,280	..	....	
		Tummalur	1,450	..	..	..	1,450	..	....	
		Kommaddi	684	..	..	..	684	..	....	
		Ganganapalli ..	..	..	19,232	..	19,232	..	No. 294 of 27th May 1895.	
		Idupalapaya palmyra plantation.	..	..	653	..	653	..	No. 611 of 19th Nov. 1895.	
	Badvel ..	Kavalakuntla north and south.	10,142	..	..	..	10,142	..	....	
		Ganugapenta ..	11,577	..	..	..	11,577	..	....	
		Gopavaram	7,950	..	..	..	7,950	..	....	
		Do. extension.	4,980	..	..	..	4,980	..	....	
		Sancherla	5,248	..	..	..	5,248	..	....	
		Kalasapad	5,111	..	..	..	5,111	..	....	
		Kottakota	..	..	38,742	..	38,742	..	No. 338 of 12th June 1895.	
	Ráyachóti and Rajampet.	Kavalakuntla extension.	..	..	4,333	..	4,333	..	No. 114 of 4th Mar. 1896.	
		Gadikota	12,462	..	..	..	12,462	..	....	
		Yerrakonda (north and south).	7,515	..	..	..	7,515	..	....	
		Yerrakonda extension.	..	..	11,996	..	11,996	..	No. 447 of 18th Aug. 1895.	
	Ráyachóti.	Sibbyala	3,500	..	..	..	3,500	..	....	
		Tsundapalle	3,000	..	..	..	3,000	..	....	
		Vandadi hill	3,390	..	..	..	3,390	..	....	
		Madhavaram ..	4,681	..	..	..	4,681	..	....	
		Polymyrapalli ..	..	..	1,702	..	1,702	..	No. 440 of 13th Aug. 1895.	
		Hasanapuram ..	..	..	286	..	286	..	No. 514 of 9th Sept. 1895.	
		Mudumpad slopes ..	..	..	9,024	..	9,024	..	No. 84 of 11th Feb. 1896.	
	Vayalpad.	Yellutla	3,433	..	..	..	3,433	..	....	
		Doddipalli	1,981	..	..	..	1,981	..	....	
		Peddamallela ..	3,698	..	..	..	3,698	..	....	
		Ankalammakonda ..	4,640	..	..	..	4,640	..	....	
		Bhakarapet	10,600	..	..	..	10,600	..	....	
		Talakonda	18,900	..	..	..	18,900	..	....	
		Sorrakayalapet ..	2,832	..	..	..	2,832	..	....	
		Piler	396	..	..	..	396	..	....	
		Pattigadda	300	..	..	..	300	..	....	

Area of reserved forests, 1895–96—*cont.*

District.	Range.	Name of forest.	Area on 1st July 1895. Acres.	Area on 1st July 1895. Equivalent in square miles.	Added during the year. Acres.	Excluded. Acres.	Area on 30th June 1896. Acres.	Area on 30th June 1896. Equivalent in square miles.	Number and date of notification of addition or exclusion.	Remarks.
	Central Circle—cont.									
Cuddapah—*cont.*	Vayalpad—*cont.*	Vayalpad	215	..	..	..	215	..	....	
		Marrella, Gaggibuchikona, Yerramoralagiddi.	18,180	..	..	..	18,180	..	....	
		Sorrakayalapet extension.	..	..	740	..	740	..	No. 350 of 22nd June 1895.	
	Madanapalle.	Kotammakonda ..	640	..	..	..	640	..	....	
		Madhanikonda ..	1,750	..	..	..	1,750	..	....	
		Nallakonda	3,856	..	..	..	3,856	..	....	
		Kukkarajupalle ..	1,660	..	..	..	1,660	..	....	
		Pulikonda	2,460	..	..	..	2,460	..	....	
		Mothugamalai ..	2,674	..	..	..	2,674	..	....	
		Potapolu	264	..	..	..	264	..	....	
		Pentsupadu	2,870	..	..	..	2,870	..	....	
		Avalakonda	7,700	..	..	..	7,700	..	....	
		Tavalam	8,450	..	..	..	8,450	..	....	
		Horsleykonda, Mudimadugu.	15,500	..	..	..	15,500	..	....	
		Tsadukonda	15,023	..	..	..	15,023	..	....	
		Chinnatippasamudram	432	..	..	..	432	..	....	
		Kurubalakota ..	348	..	..	..	348	..	....	
		Batlapur	956	..	..	..	956	..	....	
	Kadiri ..	Vellichellamala ..	3,560	..	..	..	3,560	..	....	
		Mudupulajuvvi ..	1,226	..	..	..	1,226	..	....	
		Kukkarazukonda ..	2,720	..	..	..	2,720	..	....	
		Tummala	24,097	..	..	..	24,097	..	....	
		Niggadi	27,770	..	..	..	27,770	..	....	
		Somarazumulai, east..	910	..	..	..	910	..	....	
		Tummalamala ..	8,210	..	..	..	8,210	..	....	
		Kondakamerla ..	4,113	..	..	..	4,113	..	....	
		Nallamasettipalle ..	298	..	..	..	298	..	....	
		Mudigubba	441	..	..	..	441	..	....	
		Balasamudram ..	245	..	..	..	245	..	....	
		Ganjepalle	228	..	..	..	228	..	....	
		Goddavelugalu ..	2,488	..	..	..	2,488	..	....	
		Malkavemala ..	2,760	..	..	..	2,760	..	....	
		Kadiri	5,420	..	..	..	5,420	..	....	
		Kutagulla	718	..	..	..	718	..	....	
		Nagareddipalli ..	694	..	..	..	694	..	....	
		Kokkanty	9,373	..	..	..	9,373	..	....	
	Proddatur.	Dodiyam	1,800	..	..	..	1,800	..	....	
		Yamavaram	1,600	..	..	..	1,600	..	....	
		Kondasunkerla ..	2,612	..	..	..	2,612	..	....	
		Kosinepalle	7,040	..	..	..	7,040	..	....	
		Malamida Kambaladinne.	3,440	..	..	..	3,440	..	....	
		Pennér	520	..	..	..	520	..	....	
		Dabbadopalli ..	1,950	..	..	..	1,950	..	....	
		Gandikota (north and south).	6,408	..	..	..	6,408	..	....	
		Pallavole	..	..	809	..	809	..	No. 108 of 4th March 1896.	
		Chapad	..	..	809	..	809	..		
	Vayalpad and Madanapalle.	Guttapalem	2,522	..	..	..	2,522	..	....	
		Nurukuppalakonda ..	8,461	..	..	..	8,461	..	....	
		Tarigt da	6,831	..	..	..	6,831	..	....	
	Cuddapah and Kadiri.	Dorigallu	24,032	..	..	..	24,032	..	....	
		Gorivikanama ..	30,560	..	..	..	30,560	..	....	
	Ráyachóti and Vayalpad.	Urukonda	7,986	..	..	..	7,986	..	....	
	Rajampet and Sidhout.	Kottur	12,160	..	..	..	12,160	..	....	
		Kanakalakonda ..	2,641	..	..	..	2,641	..	....	
		Patur	3,334	..	..	..	3,334	..	....	
		Cheyur	1,900	..	..	..	1,900	..	....	
		Kokiletikanama ..	4,609	..	..	..	4,609	..	....	
	Badvel and Proddatur.	Kanchalamoram ..	9,678	..	..	..	9,678	..	....	
		Dasaripalli	..	..	55,662	..	55,662	..	No. 338 of 12th June 1895.	
	Proddatur and Cuddapah.	Kondapuram ..	1,977	..	..	..	1,977	..	....	
		Mallela, north and south.	3,754	..	..	..	3,754	..	....	
		Niduzuvoi	1,597	..	..	..	1,597	..		
		Rameswaram ..	1,044	..	..	..	1,044	..		
		Bhanakotamala ..	10,580	..	..	..	10,580	..		

Area of reserved forests, 1895–96—*cont.*

District.	Range.	Name of forest.	Area on 1st July 1895. Acres.	Area on 1st July 1895. Equivalent in square miles.	Added during the year. Acres.	Excluded. Acres.	Area on 30th June 1896. Acres.	Area on 30th June 1896. Equivalent in square miles.	Number and date of notification of addition or exclusion.	Remarks.
	Central Circle—cont.									
Cuddapah—*cont.*	Kadiri and Madanapalle.	Mulakalacheruvu ..	330	..	..	..	330	..	....	
		Ishvaramalai ..	15,360	..	..	..	15,360	..	....	
	Cuddapah and Rayachoti.	Idupalapaya	..	..	25,020	..	25,020	..	No. 294 of 27th May 1895.	
		Redlecheruvu ..	..	..	7,608	..	7,608	..		
	Sidhout, Badvel and Cuddapah.	Lankamalai ..	70,000	..	..	..	70,000	..	....	
	Madanapalle. Vayalpad and Rayachoti.	Rekkalakonda ..	8,735	..	..	..	8,735	..	....	
	Kodur, Rajampet, Rayachoti and Vayalpad.	Seshachallam ..	132,701	..	..	..	132,701	..	....	
		Total ..	799,962	1,250	182,613	..	982,575	1,535		
Nellore.	Kanigiri ..	Kothapatam casuarina plantations.	147	..	..	..	147	..	....	
		Kanuparti casuarina plantations.	520	..	..	..	520	..	....	
		Ongole Hill ..	60	..	..	..	60	..	....	
		Chimakurti Hill ..	3,500	..	..	..	3,500	..	....	
		Nandanavaram ..	18,000	..	..	..	18,000	..	..	
		Vedulla Cheruvu ..	7,000	..	..	..	7,000	..	....	
		Kanigiri Durgam ..	2,000	..	..	..	2,000	..	....	
		Ramapatam casuarina plantations.	60	..	..	..	60	..	....	
		Chagollu A & B. ..	1,010	..	..	..	1,010	..	....	
		China Laterapi ..	1,548	..	..	..	1,548	..	....	
		Ravur	2,187	..	..	..	2,187	..	....	
		Chakicherla	323	..	..	..	323	..	....	
		Ramapatam	1,516	..	..	..	1,516	..	....	
		Baddepudi	500	..	..	..	500	..	....	
		Gudlur	3,297	..	..	..	3,297	..	....	
		Mocherla Chelamcherla.	12,236	..	..	..	12,236	..	....	
	Kavali.	Kallurpad	..	..	600	..	600	..	No 409 of 20th July 1895.	
		Veerapalli	..	..	500	..	500	..	No. 465 of 28th August 1895.	
		Chemididipad B. ..	..	..	300	..	300	..	No. 465 of 28th August 1895.	
		Chevur	..	..	320	..	320	..	No. 465 of 28th August 1895.	
		Karedu	..	..	1,180	..	1,180	..	No. 486 of 6th Sept. 1895.	
		Chemididipad A. ..	..	..	680	..	680	..	No. 488 of 4th Sept. 1895.	
		Mocherla	..	..	900	..	900	..	No. 489 of 4th Sept. 1895.	
		Potlur	..	..	680	..	680	..	No. 23 of 16th Dec. 1895.	
		Gudlur, South ..	..	..	1,350	..	1,350	..	No. 46 of 22nd January 1896.	
		Chagollu C.	..	..	390	..	390	..	No. 136 of 19th March 1896.	
		Tummalapenta casuarina plantations.	100	..	..	..	100	..	....	
		Madduirupad	2,012	..	..	..	2,012	..	....	
		Zaladanki, East ..	600	..	..	..	600	..	....	
		Tummalapenta, South.	392	..	..	..	392	..	....	
		Dharmavaram ..	189	..	..	..	189	..	....	
		Zammalapalem ..	1,130	..	..	..	1,130	..	....	
		Rudrakota	2,100	..	..	..	2,000	..	....	
		Guttapalli ..	838	..	..	..	838	..	....	
		Zaladanki, West ..	1,254	..	..	..	1,254	..	....	
		Guttapalli	960	..	..	..	960	..	....	
		Tallapalam ..	848	..	..	..	848	..	....	

Area of reserved forests, 1895–96—*cont.*

District.	Range.	Name of forest.	Area on 1st July 1895. Acres.	Area on 1st July 1895. Equivalent in square miles.	Added during the year. Acres.	Excluded. Acres.	Area on 30th June 1896. Acres.	Area on 30th June 1896. Equivalent in square miles.	Number and date of notification of addition or exclusion	Remarks.
	Central Circle—cont.									
Nellore—*cont.*	Kavali—*cont.*	Manubolupad ..	1,192	..	..	..	1,192	..	....	
		China Annalur ..	3,400	..	..	..	3,400	..	....	
		Kavali	2,000	..	..	..	2,000	..	....	
		Dundigam ..	515	..	..	..	515	..	....	
		Chamadala	750	..	..	..	750	..	....	
		Zakkepalli Gudur ..	800	..	..	..	800	..	....	
		Nagalavaram ..	414	..	..	..	414	..	....	
		Tummalapenta, West.	2,280	..	..	..	2,280	..	....	
		Bitragunta ..	1,908	..	..	..	1,908	..	....	
		Narayanapuram ..	2,392	..	..	..	2,392	..	....	
		Kesavaram	908	..	..	..	908	..	....	
		Tummalapenta, North.	1,300	..	..	..	1,300	..	....	
		Kavali extension ..	..	..	800	..	800	..	No. 353 of 25th June 1895.	
		Budamagunta ..	..	..	300	..	300	..	No. 465 of 28th August 1895.	
		Bitragunta extension.	..	..	600	..	600	..	No. 136 of 19th March 1896.	
		Narayanapuram extension.	..	..	520	..	520	..	No. 136 of 19th March 1896.	
	Gudur.	Kanupur, East ..	960	..	..	..	960	..	....	
		Vendodu	818	..	..	..	818	..	....	
		Idagali	480	..	..	..	480	..	....	
		Vodur	883	..	..	..	883	..	....	
		Gudur	950	..	..	..	950	..	....	
		Cherukumeedi ..	640	..	..	..	640	..	....	
		Valliped	720	..	..	..	720	..	....	
		Chillakur	460	..	..	..	460	..	....	
		Vindur	300	..	..	..	300	..	....	
		Nellahalli	275	..	..	..	450	..	....	
		Kadived, South ..	450	..	..	..	275	..	....	
		Do. North ..	468	..	..	..	468	..	....	
		Aukulapatur	240	..	..	..	240	..	....	
		Pedatalapudi ..	750	..	..	..	750	..	....	
		Madamanur	560	..	..	..	560	..	....	
		Kanupur, West ..	1,974	..	..	..	1,974	..	....	
		Ipur	1,033	..	..	..	1,033	..	....	
		Survepalli	2,750	..	..	..	2,750	..	....	
		Momidi	2,500	..	..	..	2,500	..	....	
		Tammenapatam, West.	350	..	..	..	350	..	....	
		Yellasiri	2,518	..	..	..	2,518	..	....	
		Vedicherla	850	..	..	..	850	..	....	
	Casuarina plantation.	Dugarazpatam Casuarina plantation.	1,200	..	..	..	1,200	..	....	
		Tammenapatam Casuarina plantation.	485	..	..	..	485	..	....	
		Kottapatam block ..	2,000	..	..	..	2,000	..	....	
		Do. Casuarina plantation.	1,420	..	..	..	1,420	..	....	
		Iskapalli Casuarina plantation.	23	..	..	..	23	..	....	
		Vutukur, Varani Casuarina plantation.	607	..	..	..	607	..	....	
	Nellore.	Kandamur	1,520	..	..	..	1,520	..	....	
		Kakutur	480	..	..	..	480	..	....	
		Dontali	1,280	..	..	..	1,280	..	....	
		Chemudugunta ..	320	..	..	..	320	..	....	
		South Mopur ..	1,000	..	..	..	1,000	..	....	
		Kottapalli	4,230	..	..	..	4,230	..	....	
		Marripad	1,400	..	..	..	1,400	..	....	
		Turimerla	620	..	..	..	620	..	....	
		Allipuram	125	..	..	..	125	..	....	
		Amancherla, East ..	960	..	..	..	960	..	....	
		Do. West ..	480	..	..	..	480	..	....	
		Vavveru	2,970	..	..	..	2,970	..	....	
		Dagadarti	2,866	..	..	..	2,866	..	....	
		Kondlapudi	1,500	..	..	..	1,500	..	....	
		Nellore	640	..	..	..	640	..	....	
		Sangam	..	..	1,100	..	1,100	..	No. 45 of 22nd January 1896.	
		Marupur	3,130	..	..	..	3,130	..	....	
		Toderu	750	..	..	..	750	..	....	
		Vadlapudi	2,400	..	..	..	2,400	..	....	
		Biradavolu	2,250	..	..	..	2,250	..	....	
	Rapur.	Turimerla	640	..	..	..	640	..	....	
		Pulikollu	740	..	..	..	740	..	....	

Area of reserved forests, 1895–96—*cont.*

District.	Range.	Name of forest.	Area on 1st July 1895. Acres.	Area on 1st July 1895. Equivalent in square miles.	Added during the year. Acres.	Excluded. Acres.	Area on 30th June 1896. Acres.	Area on 30th June 1896. Equivalent in square miles.	Number and date of notification of addition or exclusion.	Remarks.
	Central Circle—cont.									
Cuddapah—*cont.*	Kadiri and Madanapalle.	Mulakalacheruvu ..	330	..	..	..	330	..	....	
		Ishvaramalai ..	15,360	..	..	..	15,360	..	....	
	Cuddapah and Rayachoti.	Idupalapaya	..	..	25,020	..	25,020	..	No. 294 of 27th May 1895.	
		Redlecheruvu ..	..	..	7,608	..	7,608	..		
	Sidhout, Badvel and Cuddapah.	Lankamalai ..	70,000	..	..	..	70,000	..	....	
	Madanapalle. Vayalpad and Rayachoti.	Rekkalakonda ..	8,735	..	..	..	8,735	..	....	
	Kodur, Rajampet, Rayachoti and Vayalpad.	Seshachallam ..	132,701	..	..	..	132,701	..	....	
		Total ..	799,962	1,250	182,613	..	982,575	1,535		
Nellore.	Kanigiri..	Kothapatam casuarina plantations.	147	..	..	..	147	..	....	
		Kanuparti casuarina plantations.	520	..	..	..	520	..	....	
		Ongole Hill ..	60	..	..	..	60	..	....	
		Chimakurti Hill ..	3,500	..	..	..	3,500	..	....	
		Nandanavaram ..	18,000	..	..	..	18,000	..	..	
		Vedulla Cheruvu ..	7,000	..	..	..	7,000	..	....	
		Kanigiri Durgam ..	2,000	..	..	..	2,000	..	....	
		Ramapatam casuarina plantations.	60	..	..	..	60	..	....	
		Chagollu A & B. ..	1,010	..	..	..	1,010	..	....	
		China Laterapi ..	1,548	..	..	..	1,548	..	....	
		Ravur	2,187	..	..	..	2,187	..	....	
		Chakicherla	323	..	..	..	323	..	....	
		Ramapatam	1,516	..	..	..	1,516	..	....	
		Baddepudi	500	..	..	..	500	..	....	
		Gudlur	3,297	..	..	..	3,297	..	....	
		Mocherla Chelamcherla.	12,236	..	..	..	12,236	..	....	
	Kavali.	Kallurpad	..	..	600	..	600	..	No 409 of 20th July 1895.	
		Veerapalli	..	..	500	..	500	..	No. 465 of 28th August 1895.	
		Chemididipad B. ..	..	..	300	..	300	..	No. 465 of 28th August 1895.	
		Chevur	..	..	320	..	320	..	No. 465 of 28th August 1895.	
		Karedu	..	..	1,180	..	1,180	..	No. 486 of 6th Sept. 1895.	
		Chemididipad A. ..	..	..	680	..	680	..	No. 488 of 4th Sept. 1895.	
		Mocherla	..	..	900	..	900	..	No. 489 of 4th Sept. 1895.	
		Potlur	..	..	680	..	680	..	No. 23 of 16th Dec. 1895.	
		Gudlur, South ..	..	..	1,350	..	1,350	..	No. 46 of 22nd January 1896.	
		Chagollu C.	..	..	390	..	390	..	No. 136 of 19th March 1896.	
		Tummalapenta casuarina plantations.	100	..	..	..	100	..	....	
		Madduupad	2,012	..	..	..	2,012	..	....	
		Zaladanki, East ..	600	..	..	..	600	..	....	
		Tummalapenta, South.	392	..	..	..	392	..	....	
		Dharmavaram ..	189	..	..	..	189	..	....	
		Zammalapalem ..	1,130	..	..	..	1,130	..	....	
		Rudrakota	2,100	..	..	..	2,000	..	....	
		Guttapalli ..	838	..	..	..	838	..	....	
		Zaladanki, West ..	1,254	..	..	..	1,254	..	....	
		Guttapalli	960	..	..	..	960	..	....	
		Tallapalam ..	848	..	..	..	848	..	....	

Area of reserved forests, 1895–96—*cont.*

District.	Range.	Name of forest.	Area on 1st July 1895. Acres.	Area on 1st July 1895. Equivalent in square miles.	Added during the year. Acres.	Excluded. Acres.	Area on 30th June 1896. Acres.	Area on 30th June 1896. Equivalent in square miles.	Number and date of notification of addition or exclusion	Remarks.
	Central Circle—cont.									
Nellore—*cont.*	Kavali—*cont.*	Manubolupad ..	1,192	..	..	..	1,192	..	....	
		China Annalur ..	3,400	..	..	..	3,400	..	....	
		Kavali	2,000	..	..	..	2,000	..	....	
		Dundigam ..	515	..	..	..	515	..	....	
		Chamadala	750	..	..	..	750	..	....	
		Zakkepalli Gudur ..	800	..	..	..	800	..	....	
		Nagalavaram ..	414	..	..	..	414	..	....	
		Tummalapenta, West.	2,280	..	..	..	2,280	..	....	
		Bitragunta ..	1,908	..	..	..	1.908	..	....	
		Narayanapuram ..	2,392	..	..	..	2,392	..	....	
		Kesavaram	908	..	..	..	908	..	....	
		Tummalapenta, North.	1,300	..	..	..	1,300	..	....	
		Kavali extension ..	..	..	800	..	800	..	No. 353 of 25th June 1895.	
		Budamagunta ..	..	..	300	..	300	..	No. 465 of 28th August 1895.	
		Bitragunta extension.	..	..	600	..	600	..	No. 136 of 19th March 1896.	
		Narayanapuram extension.	..	..	520	..	520	..	No. 136 of 19th March 1896.	
	Gudur.	Kanupur, East ..	960	..	..	..	960	..	....	
		Vendodu	818	..	..	..	818	..	....	
		Idagali	480	..	..	..	480	..	....	
		Vodur	883	..	..	..	883	..	....	
		Gudur	950	..	..	..	950	..	....	
		Cherukumeedi ..	640	..	..	..	640	..	....	
		Valliped	720	..	..	..	720	..	....	
		Chillakur	460	..	..	..	460	..	....	
		Vindur	300	..	..	..	300	..	....	
		Nellahalli	275	..	..	..	450	..	....	
		Kadived, South ..	450	..	..	..	275	..	....	
		Do. North ..	468	..	..	..	468	..	....	
		Aukulapatur	240	..	..	..	240	..	....	
		Pedatalapudi ..	750	..	..	..	750	..	....	
		Madamanur	560	..	..	..	560	..	....	
		Kanupur, West ..	1,974	..	..	..	1,974	..	....	
		Ipur	1,033	..	..	..	1,033	..	....	
		Survepalli	2,750	..	..	..	2,750	..	....	
		Momidi	2,500	..	..	..	2,500	..	....	
		Tammenapatam, West.	350	..	..	..	350	..	....	
		Yellasiri	2,518	..	..	..	2,518	..	....	
		Vedicherla	850	..	..	..	850	..	....	
	Casuarina plantation.	Dugarazpatam Casuarina plantation.	1,200	..	..	..	1,200	..	....	
		Tammenapatam Casuarina plantation.	485	..	..	..	485	..	....	
		Kottapatam block ..	2,000	..	..	..	2,000	..	....	
		Do. Casuarina plantation.	1,420	..	..	..	1,420	..	....	
		Iskapalli Casuarina plantation.	23	..	..	..	23	..	....	
		Vutukur, Varani Casuarina plantation.	607	..	..	..	607	..	....	
	Nellore.	Kandamur	1,520	..	..	..	1,520	..	....	
		Kakutur	480	..	..	..	480	..	....	
		Dontali	1,280	..	..	..	1,280	..	....	
		Chemudugunta ..	320	..	..	..	320	..	....	
		South Mopur ..	1,000	..	..	..	1,000	..	....	
		Kottapalli	4,230	..	..	..	4,230	..	....	
		Marripad	1,400	..	..	..	1,400	..	....	
		Turimerla	620	..	..	..	620	..	....	
		Allipuram	125	..	..	..	125	..	....	
		Amancherla, East ..	960	..	..	..	960	..	....	
		Do. West ..	480	..	..	..	480	..	....	
		Vavveru	2,970	..	..	..	2,970	..	....	
		Dagadarti	2,866	..	..	..	2,866	..	....	
		Kondlapudi	1,500	..	..	..	1,500	..	....	
		Nellore	640	..	..	..	640	..	....	
		Sangam	..	..	1,100	..	1,100	..	No. 45 of 22nd January 1896.	
		Marupur	3,130	..	..	..	3,130	..	....	
		Toderu	750	..	..	..	750	..	....	
		Vadlapudi	2,400	..	..	..	2,400	..	....	
	Rapur.	Biradavolu	2,250	..	..	..	2,250	..	....	
		Turimerla	640	..	..	..	640	..	....	
		Pulikollu	740	..	..	..	740	..	....	

Area of reserved forests, 1895–96—*cont.*

District.	Range.	Name of forest.	Area on 1st July 1895. Acres.	Area on 1st July 1895. Equivalent in square miles.	Added during the year. Acres.	Excluded. Acres.	Area on 30th June 1896. Acres.	Area on 30th June 1896. Equivalent in square miles.	Number and date of notification of addition or exclusion.	Remarks.
	Central Circle—cont.									
Nellore—*cont.*	Rapur—*cont.*	Utukur	725	..	..	..	725	..	....	
		Duggunta	1,200	..	..	..	1,200	..	....	
		Mogallur	957	..	..	..	957	..	....	
		Ayyagaripalem ..	320	..	..	..	320	..	....	
		Chikavolu	1,100	..	..	..	1,100	..	....	
		Chittalur	515	..	..	..	515	..	....	
		Nellapalli	2,100	..	..	..	2,100	..	....	
		Turpupundla	1,000	..	..	..	1,000	..	....	
		Vavintaparti	1,300	..	..	..	1,300	..	....	
		Tummalatalpur ..	4,000	..	..	..	4,000	..	....	
		Chaganam	1,500	..	..	..	1,500	..	....	
		Paluru	210	..	..	..	210	..	....	
		Griddalur	700	..	..	..	700	..	....	
		Potukonda	1,860	..	..	..	1,860	..	....	
		Marellakonda ..	400	..	..	..	400	..	....	
		Guttikonda	180	..	..	..	180	..	....	
		Kummaragunta ..	440	..	..	..	440	..	....	
		Kakerlakonda ..	1,850	..	..	..	1,850	..	....	
		Rapur Veligondas ..	30,720	..	..	..	30,720	..	....	
		Nernur	1,190	..	..	..	1,190	..	....	
		Potegunta	1,500	..	..	..	1,500	..	....	
		Cherlopalli . ..	3,360	..	..	..	3,360	..	....	
		Podalakur	2,500	..	..	..	2,500	..	....	
		Veminabhi	2,250	..	..	..	2,250	..	....	
		Marlapudi	4,550	..	..	..	4,550	..	....	
		Sydapuram	1,630	..	..	..	1,630	..	....	
		Rapur Yerrakondas ..	23,040	..	..	..	23,040	..	....	
	Atmakúr.	Telugurayapuram ..	763	..	..	..	763	..	....	
		Sreekolanu	1,521	..	..	..	1,521	..	....	
		Chejerla	1,121	..	..	..	1,121	..	..	
		Turpukambampad ..	861	..	..	..	861	..	....	
		Bommavaram ..	3,000	..	..	..	3,000	..	....	
		Prabagiripatnam ..	2,500	..	..	..	2,500	..	....	
		Rajavolu-Punugodu.	..	..	1,850	..	1,850	..	No. 491 of 6th Sept. 1895.	
	Udayagiri.	Udayagiri, East and Appasamudram.	1,500	..	..	..	1,500	..	....	
		Udayagiri Durgam ..	11,280	..	..	..	11,280	..	....	
		Do. Yerrakondas.	14,080	..	..	..	14,080	..	....	
		Total ..	266,874	417	12,070	..	278,944	436	....	
Chingleput.	Tiruvallúr.	Kambakkam	14,951	..	..	..	14,951	..	....	
		Do. extension 1.	318	..	..	..	318	..	....	
		Do. „ 2.	610	..	..	..	610	..	....	
		Sathiavedu	6,859	..	..	..	6,859	..	....	
		Do. extension 1.	382	..	..	..	382	..	....	
		Do. „ 2 ..	300	..	..	..	300	..	....	
		Do. „ 3 ..	470	..	..	..	470	..	....	
		Ambakkam	5,259	..	..	..	5,259	..	....	
		Do. extension 1.	80	..	..	..	80	..	....	
		Do. „ 2 ..	98	..	..	..	98	..	....	
		Do. „ 3 ..	289	..	..	..	289	..	....	
		Do. „ 4 ..	235	..	..	..	235	..	....	
		Aradur	2,680	..	..	..	2,680	..	....	
		Do. extension 1 ..	288	..	..	..	288	..	....	
		Do. „ 2 ..	90	..	..	..	90	..	....	
		Kadur	2,494	..	..	..	2,494	..	....	
		Do. extension 1 ..	90	..	..	..	90	..	....	
		Do. „ 2 ..	160	..	..	..	160	..	....	
		Do. „ 3 ..	110	..	..	..	110	..	....	
		Ugumudi	2,874	..	..	..	2,874	..	....	
		Do. extension 2.	135	..	..	..	135	..	....	
		Do. „ 3.	180	..	..	..	180	..	....	
		Do. „ 4.	176	..	..	..	176	..	....	
		Allikuli	5,649	..	..	..	5,649	..	....	
		Do. extension 1 ..	161	..	..	..	161	..	....	
		Do. „ 2 ..	93	..	..	..	93	..	....	
		Do. „ 3 ..	100	..	..	..	100	..	....	
		Do. „ 4 ..	70	..	..	..	70	..	....	

Area of reserved forests, 1895–96—*cont.*

District.	Range.	Name of Forest.	Area on 1st July 1895. Acres.	Area on 1st July 1895. Equivalent in square miles.	Added during the year. Acres.	Excluded. Acres.	Area on 30th June 1896. Acres.	Area on 30th June 1896. Equivalent in square miles.	Number and date of notification of addition or exclusion.	Remarks.
	Central Circle—cont.									
Chingleput—*cont.*	Tiruvallúr—*cont.*	Allikuli extension 5 ..	98	..	..	..	98	..	....	
		Do. „ 6 ..	129	..	..	..	129	..	....	
		Do. „ 7 ..	250		..	..	250	..	....	
		Nagalapuram ..	8,345	..	..	..	8,345	..	....	
		Do. extension 1.	734	..	..	..	734	..	....	
		Do. „ 2.	190	..	..	..	190	..	....	
		Do. „ 3.	122	..	..	..	122	..	....	
		Do. „ 4.	333	..	..	..	333	..	....	
		Palavakkam	2,511	..	..	..	2,511	..	....	
		Do. extension 2.	280	..	..	..	280	..	....	
		Do. „ 3.	109	..	..	..	109	..	....	
		Do. „ 4.	84	..	..	..	84	..	....	
		Do. „ 5.	101	..	..	..	101	..	....	
		Do. „ 6.	109	..	..	..	109	..	....	
		Pulrambakkam ..	577	..	..	..	577	..	....	
		Do. extension 1.	127	..	..	..	127	..	....	
		Do. „ 2.	270	..	..	..	270	..	....	
		Mailapur	930	..	..	..	930	..	....	
		Do. extension 2.	225	..	..	..	225	..	....	
		Vembedu	1,075	..	..	..	1,075	..	....	
		Vengathur	312	..	..	..	312	..	....	
		Vengathur extension 1 ..	50	..	..	..	50	..	....	
		Budur	86	..	..	..	86	..	....	
		Do. A	85	..	..	..	85	..	....	
		Do. B	1	..	..	..	1	..	....	
		Do. extension 1 ..	10	..	..	..	10	..	....	
		Siruvada	388	..	..	..	388	..	....	
		Nemalur	940	..	..	..	940	..	....	
		Do. extension 1 ..	99	..	..	..	99	..	....	
		Irukulam	775	..	..	..	775	..	....	
		Do. extension 1.	210	..	..	..	210	..	....	
		Kuvakkolli	228	..	..	..	228	..	....	
		Nelvoyi	161	..	..	..	161	..	....	
		Kalathur	212	..	..	..	212	..	....	
		Nayappakkam, A & D.	1,370	..	..	..	1,037	..	....	
		Do. B ..	163	..	..	..	163	..	....	
		Do. C ..	105	..	..	..	105	..	....	
		Senjiagaram ..	324	..	..	..	324	..	....	
		Rajella	125	..	..	..	125	..	....	
		Mopurpalli	84	..	..	..	84	..	....	
	Ponnéri taluk.	Alamadi	1,263	..	..	..	1,263	..	....	
		Attanthangal.. ..	268	..	..	..	268	..	....	
		Nayar	295	..	..	..	295	..	....	
		Erumaivettipalayam.	545	..	..	..	545	..	....	
		Kanalur	230	..	..	..	230	..	....	
		Manali	1,480	..	..	..	1,480	..	....	
		Opa Samudram ..	580	..	..	..	580	..	....	
		Kurivithittoo ..	300	..	..	..	300	..	....	
		Periaopalapuram .	66	..	..	..	66	..	....	
		Elavur	175	..	..	..	175	..	....	
		Chinna Oblapuram ..	69	..	..	..	69	..	....	
		Siruvelipettai, A ..	50	..	..	..	50	..	....	
		Do. B ..	54	..	..	..	54	..	....	
		Tirukkalukundram.	697	..	..	..	697	..	....	
		Do. extension 1.	945	..	..	..	945	..	....	
	Chingleput.	Oragadam	540	..	..	..	540	..	....	
		Do. extension 1.	240	..	..	..	240	..	....	
		Do. „ 2.	395	..	..	..	395	..	....	
		Madayathur	697	..	..	..	697	..	....	
		Vallam	1,328	..	..	..	1,328	..	....	
		Do. extension 1 ..	170	..	..	..	170	..	....	
		Anjur	1,514	..	..	..	1,514	..	....	
		Nemili	633	..	..	..	633	..	....	
		Alappakkam, A. and B.	486	..	..	..	486	..	....	
		Do. extension 2.	112	..	..	..	112	..	....	
		Timmani .. .	639	..	..	..	639	..	....	
		Vandalur	3,207	..	..	..	3,207	..	....	
		Do. extension 2.	79	..	..	..	79	..	....	
		Do. „ 4.	94	..	..	..	94	..	....	
		Gudalur	2,744	..	..	..	2,744	..	....	

Area of reserved forests, 1895–96—*cont.*

District.	Range.	Name of Forest.	Area on 1st July 1895. Acres.	Area on 1st July 1895. Equivalent in square miles.	Added during the year. Acres.	Excluded. Acres.	Area on 1st July 1896. Acres.	Area on 1st July 1896. Equivalent in square miles.	Number and date of notification of addition or exclusion.	Remarks.
Central Circle—cont.										
Chingleput—*cont.*	Madurantakam.	Senkundram ..	1,232	..	..	..	1,232	..	....	
		Do. extension 2.	86	..	..	..	86	..	....	
		Appur .. .	1,449	..	..	..	1,449	..	....	
		Do. extension 2 ..	160	..	..	..	160	..	....	
		Do. ,, 3 ..	60	..	..	..	60	..	....	
		Do. ,, 5 ..	76	..	..	..	76	..	....	
		Do. ,, 6 ..	110	..	..	..	110	..	....	
		Do. ,, 7 ..	205	..	..	..	205	..	....	
		Venkatapuram ..	119	..	..	..	119	..	....	
		Tirutheni	272	..	..	..	272	..	....	
		Do. extension 1.	610	..	..	..	610	..	....	
		Do. ,, 2.	180	..	..	..	180	..	....	
		Paranur	378	..	..	..	378	..	....	
		Kattankolathur ..	535	..	..	..	535	..	....	
		Kavanur	569	..	..	..	569	..	....	
		Kalvayi	138	..	..	..	138	..	....	
		Kolathur	1,909	..	..	..	1,909	..	....	
		Do. extension 1.	63	..	..	..	63	..	....	
		Do. ,, 2.	5	..	..	..	5	..	....	
		Do. ,, 3.	18	..	..	..	18	..	....	
		Kayar	642	..	..	..	642	..	....	
		Do. extension 1 ..	470	..	..	..	470	..	....	
		Taiyur	1,084	..	..	..	1,084	..	....	
		Mambakkam	726	..	..	..	726	..	....	
		Do. extension 1 ..	551	..	..	..	551	..	....	
		Sonallur	1,107	..	..	..	1,107	..	....	
		Unamanjeri	750	..	..	..	750	..	....	
		Kumili	690	..	..	..	690	..	....	
		Do. extension 1 ..	617	..	..	..	617	..	....	
		Kattur	2,960	..	..	..	2,960	..	....	
		Alathur	488	..	..	..	488	..	....	
		Illalur	692	..	..	..	692	..	....	
		Senkundram, A. ..	869	..	..	..	869	..	....	
		Do. B. ..	376	..	..	..	376	..	....	
		Hanumanthaputteri ..	286	..	..	..	286	..	....	
		Do. extension 1.	190	..	..	..	190	..	....	
		Navalur	308	..	..	..	308	..	....	
		Karanai	672	..	..	..	672	..	....	
		Irumbili	260	..	..	..	260	..	....	
		Puragal	305	..	..	..	305	..	....	
		Perunkolli	672	..	..	..	672	..	....	
		Sirunallur	440	..	..	..	440	..	....	
		Rajapalayam ..	640	..	..	..	640	..	....	
		Kattugudalur ..	2,055	..	..	..	2,055	..	....	
		Endathur	250	..	..	..	250	..	....	
		Tandalam, A. ..	430	..	..	..	430	..	....	
		Acharavakkam ..	..	..	980	..	980	..	No. 27 of 24th Dec. 1895, page 23 of 7th Jan. 1896.	
		Gudalur	..	..	820	..	820	..	No. 15 of 28th Nov. 1895, page 12 of 7th Jan. 1896.	
	Saidapet.	Tandrai	664	..	..	..	664	..	....	
		Pulikaradu	176	..	..	..	176	..	....	
		Tambaram	262	..	..	..	262	..	....	
		Kadapperi	227	..	..	..	227	..	....	
		Selaiyur	498	..	..	..	498	..	....	
		Maduraipakkam ..	351	..	..	..	351	..	....	
		Nanmangalam ..	328	..	..	..	328	..	....	
		Erumaiylaur	192	..	..	..	192	..	....	
		Arasankalanai ..	185	..	..	..	185	..	....	
		Perumbakkam, A. ..	636	..	..	..	636	..	....	
		Do B. ..	117	..	..	..	117	..	....	
		Meyur	534	..	..	..	534	..	....	
		Kovilpidagai ..	377	..	..	..	377	..	....	
		Sikkarayapuram ..	93	..	..	..	93	..	....	
		Kattambakam ..	300	..	..	..	300	..	....	
		Mittanemalai	267	..	..	..	267	..	....	
		Tirumalavoyal ..	386	..	..	..	386	..	....	
		Nandambakkam ..	259	..	..	..	259	..	....	
		Tirusulam	260	..	..	..	260	..	....	
		Madambakkam ..	563	..	..	..	563	..	....	

Area of reserved forests, 1895–96—*cont.*

District.	Range.	Name of Forest.	Area on 1st July 1895. Acres.	Area on 1st July 1895. Equivalent in square miles.	Added during the year. Acres.	Excluded. Acres.	Area on 30th June 1896. Acres.	Area on 30th June 1896. Equivalent in square miles.	Number and date of notification of addition or exclusion.	Remarks.
Central Circle—cont.										
Chengleput—*cont.*	Conjeeveram.	Tiruvangur	465	..	..	..	465	..	....	
		Orattur	312	..	..	..	312	..	....	
		Vattambakkam ..	694	..	..	..	694	..	....	
		Vadakupattu	795	..	..	..	795	..	....	
		Kottambakkam, A. ..	126	..	..	..	126	..	....	
		Do. B. .	205	..	..	..	205	..	....	
		Pudupper	375	..	..	..	375	..	....	
		Manner	570	..	..	..	570	..	....	
		Nallur	937	..	..	..	937	..	....	
		Maganiam	946	..	..	..	946	..	....	
		Total ..	126,229	197	1,800	..	128,029	200		
	Chittoor..	Paradarami	15,043	..	..	..	15,043	..	....	
		Pachigunta	1,800	..	..	..	1,800	..	....	
		Kinatipalle	1,417	..	..	..	1,417	..	....	
		Cheelapalle	1,296	..	..	..	1,296	..	....	
		Santhapet	2,096	..	..	..	2,096	..	....	
		Basavapalle, A and B.	1,937	..	..	..	1,937	..	....	
		Mohimandalam ..	2,516	..	..	..	2,516	..	....	
		Chittaparai	4,250	..	..	..	4,250	..	....	
		Virisettipalle ..	7,287	..	..	..	7,287	..	....	
		Iralla	16,122·10	..	..	(c) 500	15,622·10	..	No. 196 of 10th April 1896.	
		Bommasamudram ..	1,242	..	..	..	1,242	..	....	
		Vaviltota	2,495	..	..	..	2,495	..	....	
		Javanampalle ..	2,060	..	..	(c) 200	1,860	..	....	
		Patalpet	2,917	..	..	(c) 475	2,442	..	....	
		Chittoor	300	..	..	..	300	..	....	
	Chittoor- and Chendragiri.	Penamur	2,097	..	..	..	2,097	..	....	
		Bommasamudrum extension.	..	..	1,500	..	1,500	..	No. 610 of 14th Nov. 1895.	
		Kinatipalle extension.	..	..	1,499·95	..	1,499·95	..	No. 122 of 20th Mar. 1896.	
		Basavapalle do.	..	..	830	..	830	..	No. 121 of 1st April 1896.	
North Arcot.	Chendragiri.	Napier	8,380·12	..	..	..	8,380·12	..	....	
		Mamandur	1,776	..	..	..	1,776	..	....	
		Chamala	9,600	..	..	..	9,600	..	....	
		Panapakam	6,400	..	..	..	6,400	..	....	
		Puddepatlabylu ..	2,560	..	..	..	2,560	..	....	
		Gazulamandyam ..	250	..	..	250	..	..	No. 196 of 10th April 1896.	
		Mamandur extension.	8,000	..	..	..	8,000	..	....	
		Tirupati hill	16,000	..	..	..	16,000	..	....	
		Panapakkam extension.	9,730	..	..	..	9,730	..	....	
		Mungilpattu	22,700	..	..	..	22,700	..	....	
		Nagapatla	8,265·83	..	..	..	8,265·83	..	....	
		Tirupati hill extension.	5,840	..	..	..	5,840	..	....	
		Chendragiri hill ..	983·54	..	..	..	983·54	..	....	
		Damalcherla	2,416·92	..	..	..	2,416·92	..	....	
		Sanambatla	5,000	..	..	..	5,000	..	....	
	Palmanér.	Musalimadugu ..	9,600	..	..	..	9,600	..	....	
		Basavareddipalle ..	10,240	..	..	..	10,240	..	....	
		Peddur	8,061·88	..	..	..	8,061·88	..	....	
		Palmanair tope ..	2	..	..	..	2	..	....	
		Nagamangalam ..	31	..	..	..	31	..	....	
		Peduguvaripalle ..	20	..	..	..	20	..	....	
		Venkatagirikotta ..	4	..	..	..	4	..	....	
		Baireddipalle ..	4	..	..	..	4	..	....	
		Chargallu	18,911	..	..	..	18,911	..	....	
		Pednaigdrug	12,759·97	..	..	..	12,759·97	..	....	
	Palmanér and Gudiyattam.	Melmoye	960	..	..	..	960	..	....	
		Mordana	23,415·64	..	..	..	23,415·64	..	....	
		Naickaneri	6,400	..	..	..	6,400	..	....	
	Gudiyattam.	Ambur drug	5,760	..	..	..	5,760	..	....	
		Tiravalam plantation.	435	..	..	..	435	..	....	
		Viringipuram plantation.	260	..	..	..	260	..	....	
		Cheynur plantations.	130	..	..	..	130	..	....	
		Ammundi do.	160	..	..	..	160	..	....	

(c) Disafforested.

Area of reserved forests, 1895–96—*cont.*

District.	Range.	Name of Forest.	Area on 1st July 1895. Acres.	Area on 1st July 1895. Equivalent in square miles.	Added during the year. Acres.	Excluded. Acres.	Area on 30th June 1896. Acres.	Area on 30th June 1896. Equivalent in square miles.	Number and date of notification of addition or exclusion.	Remarks.
	Central Circle—cont.									
North Arcot—*cont.*	Wudiyattam—*cont.*	Tondroyagunta ..	2	..	..	..	2	..	....	
		Vikramosi ..	161	..	..	..	161	..	....	
		Naickneri extension ..	1,280	..	..	..	1,280	..	....	
		Pallelakuppam ..	6,212	..	..	..	6,212	..	....	
		Pardarami extension.	1,900	..	..	..	1,900	..	....	
		Synagunta	6,400	..	..	..	6,400	..	....	
		Mordana extension ..	9,598	..	..	..	9,598	..	....	
		Panamadangi ..	9,340	..	..	..	9,340	..	....	
		Gundlapalle	8,418	..	..	..	8,418	..	....	
		Karapattu	8,333	..	..	..	8,333	..	....	
		Konjanur	..	..	2,490	..	2,490	..	No. 606 of 14th Nov. 1895.	
	Vellore ..	Ambur Fuel	3,840	..	..	..	3,840	..	....	
		Palamadi	6,400	..	..	..	6,400	..	....	
		Ambur tope	5	..	..	..	5	..	....	
		Attiyur	4,808	..	..	..	4,808	..	....	
		Vellakallu	5,273	..	..	..	5,273	..	....	
		Ambur extension ..	24,885	..	..	..	24,885	..	....	
		Vellore	997·04	..	..	..	997·04	..	....	
		Pallekonda	1,989·40	..	..	..	1,989·40	..	....	
		Nellimalai	1,490	..	..	..	1,490	..	....	
		Paruvamalai	3,961·55	..	..	..	3,961·55	..	....	
		Kylasagiri hill ..	1,194·77	..	..	..	1,194·77	..	....	
	Vellore and Polur taluks.	Arasampattu ..	31,480	..	..	..	31,480	..	....	
		Tellai ..	15,121	..	..	..	15,121	..	....	
	Vellore ..	Kaniambadi	..	..	1,424·20	..	1,424·20	..	No. 325 of 8th June 1895.	
		Appukallu or Arasampattu extension.	..	..	700	..	700	..	No. 442 of 20th August 1895.	
		Karuthamalai ..	..	..	11,856·27	..	11,856·27	..	No. 535 of 22nd Oct. 1895.	
	Polur ..	Karvatighur ..	7,069	..	..	..	7,069	..	....	
		Amerdi plantation ..	25	..	..	..	25	..	....	
		Pattur	12,800	..	..	..	12,800	..	....	
		Patrakad	19,200	..	..	..	19,200	..	....	
		Virappanar	64,000	..	..	..	64,000	..	....	
		Kelur	2,866	..	..	..	2,866	..	....	
		Kappalur	1,114	..	..	..	1,114	..	....	
		Malayalam	11,462	..	..	..	11,462	..	....	
		Aliyalamangalam ..	10,027	..	..	..	10,027	..	....	
		Santavasal	8,238·27	..	..	..	8,238·27	..	....	
		Periyamalai	5,357	..	..	..	5,357	..	....	
		Malakod	16,802	..	..	..	16,802	..	....	
		Paruvadamalai ..	4,000	..	..	..	4,000	..	....	
		Santavasal extension.	260	..	..	..	260	..	....	
		Vellimalai	1,000	..	..	..	1,000	..	....	
	Arcot ..	Punganur	3,743	..	..	..	3,743	..	....	
		Kilminnel plantation.	150	..	..	..	150	..	....	
		Sennaleri	1,675	..	..	..	1,675	..	....	
		Satur	709	..	..	..	709	..	....	
		Thondapantangal ..	1,092	..	..	..	1,092	..	....	
		Enadivadi	1,565	..	..	..	1,565	..	....	
		Solavaram	1,143·15	..	..	..	1,143·15	..	....	
	Wallajah.	Vanivedu plantation. .	30	..	..	..	30	..	No. 478, dated 14th Aug. 1895.	
		Arkonam Sub-Magistrate's compound.	11	..	..	(c) 11	..	..		
		Arkonam tope ..	37	..	..	..	37	..		
		Gudalur	535	..	..	..	535	..	....	
		Anantapuram or Uriyur.	540	..	..	..	540	..	....	
		Ammanur	203	..	..	..	203	..	....	
		Banavaram	1,051	..	..	..	1,051	..	....	
		Kolathur	1,729	..	..	..	1,729	..	....	
		Ammur	5,982	..	..	..	5,982	..	....	
	Wandiwash.	Bramanakateri ..	635	..	..	..	635	..	....	
		Kodiyalam	125	..	..	..	125	..	....	
		Badur	783	..	..	..	783	..	....	
		Vengunam	1,288	..	..	..	1,288	..	....	

(c) Disafforested.

Area of reserved forests, 1895–96—*cont.*

District.	Range.	Name of Forest.	Area on 1st July 1895. Acres.	Area on 1st July 1895. Equivalent in square miles.	Added during the year. Acres.	Excluded. Acres.	Area on 30th June 1896. Acres.	Area on 30th June 1896. Equivalent in square miles.	Number and date of notification of addition or exclusion.	Remarks.
	Central Circle—cont.									
North Arcot—*cont.*	Gandiwash—*cont.*	Nambedu	707	..	..	..	707	..	....	
		Vishamangalam ..	1,148	..	..	..	1,148	..	....	
		Ponnur	769	..	..	..	769	..	....	
		Nedungal	3,580	..	..	(c) 300	3,280	..	No. 196, of 10th April 1896.	
		Nedungunam ..	1,697	..	..	..	1,697	..	....	
		Total ..	618,168	966	20,300	1,736	636,732	995		
		Annamalai	2,640	..	..	..	2,640	..	....	
		Chinnasamudram ..	3,769	..	..	(a) 927	2,842	..	....	
		Mudanai	6,464	..	(a) 582	..	7,046	..	....	
		Perungalathur Samimalai.	9,312	..	..	..	9,312	..	....	
		Anandavadi	8,672	..	..	(a) 403	8,269	..	....	
		Kunathimalai ..	10,032	..	..	(a) 2,947	7,085	..	....	
		Tippakadu	4,442	..	(a) 141	..	4,583	..	....	
		Tenmalai	50,428	..	..	(a) 18,722	31,706	..	....	
		Pelamarudur	9,148	..	..	(a) 4,073	5,075	..	....	
		Nallapattu	6,748	..	..	(a) 1,654	5,094	..	....	
		Paramanandal ..	1,794	..	..	(a) 277	1,517	..	....	
		Radapuram	6,890	..	..	(a) 580	6,310	..	....	
		Nattampalle	7,270	..	..	..	7,270	..	....	
		Melchengam	1,560	..	..	(a) 18	1,542	..	....	
		Sinniyamputtai ..	3,659	..	..	..	3,659	..	....	
		Kannamadai	..	..	4,256	..	4,256	..	No. 264 of 15th May 1895, *Fort St. George Gazette*, dated 21st May 1895.	
South Arcot.	No. I, Tiruvannámalai.	Valasamalai	..	..	12,369	..	12,369	..	No. 384, of 18th May 1895, *Fort St. George Gazette*, dated 28th May 1895.	
		Pumalai	..	..	3,115	..	3,115	..	No. 410 of 20th July 1895, *Fort St. George Gazette*, dated 30th July 1895.	
		Ravandavadi	..	..	13,215	..	13,215	..	No. 66 of 6th Feb. 1896, *Fort St. George Gazette*, dated 11th Feb. 1896.	
		Thachampattu ..	..	..	2,067	..	2,067	..	No. 53 of 28th Jan. 1896, *Fort St. George Gazette*, dated 4th Feb. 1896.	
	No. II, Tindivanam.	Sirunudi	4,608	..	..	..	4,608	..	....	
		Muttakadu	4,053	..	..	..	4,053	..	....	
		Karai	1,697	..	..	..	1,697	..	....	
		Agaram	600	..	..	..	600	..	....	
		Merkanam	80	..	..	..	80	..	....	
		Kurumpuram, 2nd bit.	192	..	..	..	192	..	....	
		Kumulampet	1,201	..	..	..	1,201	..	....	
		Senur	1,200	..	..	..	1,200	..	....	
		Panchalam	1,120	..	..	..	1,120	..	....	
		Venmaniyattur ..	486	..	..	..	486	..	....	
		Peradukuppam ..	729	..	..	..	729	..	....	
		Akkur	1,350	..	..	..	1,350	..	....	
		Saram	243	..	..	..	243	..	....	
		Salanadi	64	..	..	..	64	..	....	
		Jakkampattu	300	..	..	..	300	..	....	
		Athikuppam	150	..	..	..	150	..	....	
		Akshikadu	450	..	..	..	450	..	....	
		Kurumpuram, 1st bit.	500	..	..	..	500	..	....	
		Olakkur	400	..	..	..	400	..	....	
		Villukkan	384	..	..	..	384	..	....	
		Melsevur, 1st bit ..	..	..	691	..	691	..	No. 310 of 27th May 1895, *Fort St. George Gazette*, dated 11th June 1895.	

(a) Rectification of area. (c) Disafforested.

Area of reserved forests, 1895-96—*cont.*

District.	Range.	Name of Forest.	Area on 1st July 1895. Area.	Area on 1st July 1895. Equivalent in square miles.	Added during the year. Acres.	Excluded. Acres.	Area on 30th June 1896. Acres.	Area on 30th June 1896. Equivalent in square miles.	Number and date of notification of addition or exclusion.	Remarks.
	Central Circle—cont.									
South Arcot—*cont.*	No. III, Villupuram.	Gangavaram	13,276	..	..	..	13,276	..	....	
		Nabob's tope ..	65	..	..	..	65	..	....	
		Vakkur	384	..	..	..	384	..	....	
		Vikkiravandi	256	..	..	..	256	..	....	
		Sattanur, 1st bit ..	204	..	..	..	204	..	....	
		Narasinganur ..	428	..	..	..	428	..	....	
		Kundalupuliyur ..	940	..	..	..	940	..	....	
		Karanai	128	..	..	..	128	..	....	
		Adanur	1,491	..	..	..	1,491	..	....	
		Ariyalur	1,036	..	..	..	1,036	..	....	
		Vaduda Reddi ..	260	..	..	..	260	..	....	
		Melkondai	480	..	..	..	480	..	....	
		Sattanur, 2nd bit ..	320	..	..	..	320	..	....	
		Thurinjikadu ..	853	..	..	..	853	..	....	
		Panampattu	600	..	..	..	600	..	....	
		Kappiyampuliyur ..	660	..	..	..	660	..	....	
		Gangarampalaiyan ..	435	..	..	..	435	..	....	
		Poolanjimalai ..	600	..	..	..	600	..	....	
		Thandavasamudram ..	..	..	787	..	787	..	....	
	No. IV, Cuddalore.	Vallukarai	1,568	..	(a) 102	..	1,670	..	No. 547 of 1st Oct. 1895, *Fort St. George Gazette*, dated 8th Oct. 1895.	
		Valudalampattu ..	908	..	(a) 8	..	916	..	....	
		Sammatikuppam ..	364	..	..	..	364	..	....	
		Marungur	224	..	(a) 36	..	260	..	....	
		Vegakallai	480	..	(a) 159	..	639	..	....	
		Vadakuthu	3,084	..	..	(a) 68	3,016	..	....	
		Valudaiyampattu ..	1,536	..	(a) 21	..	1,557	..	....	
		Kangiruppu, 1st bit ..	2,956	..	..	..	2,956	..	....	
		Velankuppam ..	1,094	..	(a) 24	..	1,118	..	....	
		Shanankuppam ..	140	..	..	..	140	..	....	
		Fort St. David ..	44	..	..	..	44	..	....	
		Tulvakadu	217	..	..	..	217	..	....	
		Salombanathanputtai.	780	..	..	(a) 99	681	..	....	
		Nochikadu	640	..	..	..	640	..	....	
		Peramathur	1,036	..	(a) 145	..	1,181	..	....	
		Kungiruppu, 2nd bit.	2,519	..	..	..	2,519	..	....	
		Ramapuram	1,730	..	..	..	1,730	..	....	
		Doni Dorai, South ..	100	..	..	(a) 9	91	..	....	
		Siruvathur	210	..	..	..	210	..	....	
		Punanikuppam ..	550	..	..	..	550	..	....	
		Ranganathapuram ..	620	..	..	..	620	..	....	
		Doni Dorai, North ..	..	..	42	..	42	..	....	
		Periyakuppam ..	..	..	1,580	..	1,580	..	No. 365 of 5th July 1895, *Fort St. George Gazette*, dated 9th July 1895.	
	No. IV, Chidambaram.	Killai	1,160	..	..	..	1,160	..	No. 625 of 27th Nov. 1895, *Fort St. George Gazette*, dated 3rd Dec. 1895.	
		Periyapattu	1,130	..	..	..	1,130	..	....	
		Walajah	2,770	..	..	..	2,770	..	....	
		Pichavaram	2,489	..	..	..	2,489	..	....	
		Kollakudi	599	..	..	..	599	..	....	
		Rampakkam	448	..	..	..	448	..	....	
		Nisingan	434	..	..	..	434	..	....	
		Adivarahanallur ..	..	..	610	..	610	..	....	
	No. V, Tirukkóyilúr.	Velur	1,670	..	..	..	1,670	..	No. 379 of 14th July 1895, *Fort St. George Gazette*, dated 16th July 1895.	
		Kuttadi	1,700	..	..	..	1,700	..	....	
		Pandur	955	..	..	..	955	..	....	
		Adukkam	2,000	..	..	..	2,000	..	....	
		Nattamur, 2nd bit ..	3,800	..	..	..	3,800	..	....	
		Do. 1st bit ..	4,500	..	..	..	4,500	..	....	
		Samimalai, 2nd bit ..	5,330	..	..	..	5,330	..	....	
		Edakkal	3,390	..	..	..	3,390	..	....	
		Perichanur	650	..	..	..	650	..	....	
		Sirupakkam	1,080	..	..	..	1,080	..	....	

(a) Reclification of area.

Area of reserved forests, 1895-96—*cont.*

District.	Range.	Name of Forest.	Area on 1st July 1895. Acres.	Area on 1st July 1895. Equivalent in square miles.	Added during the year. Acres.	Excluded. Acres.	Area on 30th June 1896. Acres.	Area on 30th June 1896. Equivalent in square miles.	Number and date of notification of addition or exclusion.	Remarks.
	Central Circle—cont.									
	No. V, Tirukkóyilúr—*cont.*	Sidani	2,800	..	..	..	2,800	..	....	
		Nayanur	1,800	..	..	(a) 161	1,639	..	....	
		Athipakkam	4,500	..	..	..	4,500	..	....	
		Alwarmalai	8,800	..	..	..	8,800	..	....	
		Emappur	335	..	..	..	335	..	....	
		Mampakkam	215	..	..	..	215	..	....	
		Tiruvannanellur ..	220	..	..	..	220	..	....	
		Elandurai	255	..	..	..	255	..	....	
		Velandai	..	..	645	..	645	..	No. 356 of 22nd June 1895, *Fort St. George Gazette*, dated 2nd July 1895.	
		Kallamedu	..	..	1,030	..	1,030	..	No. 411 of 24th July 1895, *Fort St. George Gazette*, dated 30th July 1895.	
		Oddampattu	..	..	226	..	226	..	No. 534 of 29th Sept. 1895, *Fort St. George Gazette*, dated 1st Oct. 1895.	
		Sengamedu	..	..	580	..	580	..	No. 22 of 19th Dec. 1895, *Fort St. George Gazette*, dated 7th Jan. 1896.	
		Sólavandipuram ..	..	..	763	..	763	..	No. 47 of 9th Dec. 1895, *Fort St. George Gazette*, dated 28th Jan. 1896.	
		Kanai	2,220	..	..	..	2,220	..	....	
		Kottalammalai ..	2,880	..	..	..	2,880	..	....	
		Mallapuram	1,025	..	..	..	1,025	..	....	
		Rungappanur ..	2,200	..	..	..	2,200	..	....	
		Kanankadu	3,390	..	..	..	3,390	..	....	
		Pavunjipattu ..	4,100	..	..	..	4,100	..	....	
		Porasakurchi	910	..	..	..	910	..	....	
		Luchiyam	..	..	670	..	670	..	No. 201 of 20th April 1895, *Fort St. George Gazette*, dated 23rd April 1895.	
		Sittalur	..	..	870	..	870	..	No. 323 of 7th June 1895, *Fort St. George Gazette*, dated 18th June 1895.	
	No. VI, Kallakurchi.	Indali	..	..	1,133	..	1,133	..	No. 443 of 13th Aug. 1895, *Fort St. George Gazette*, dated 20th Aug. 1895.	
		Puttai	..	..	999	..	999	..	No. 444 of 13th Aug. 1895, *Fort St. George Gazette*, dated 20th Aug. 1895.	
		Varanjaram	..	..	885	..	885	..	No. 567 of 23rd Oct. 1895, *Fort St. George Gazette*, dated 29th Oct. 1895.	
		Alathur	..	..	992	..	992	..	No. 607 of 14th Nov. 1895, *Fort St. George Gazette*, dated 19th Nov. 1895.	
		Magarur	..	..	1,222	..	1,222	..	No. 20 of 19th Dec. 1895, *Fort St. George Gazette*, dated 7th Jan. 1896.	

(a) Rectification of area.

Area of reserved forests, 1895-96—*cont.*

District.	Range.	Name of Forest.	Area on 1st July 1895.		Added during the year.	Excluded.	Area on 30th June 1896.		Number and date of notification of addition or exclusion.	Remarks.
			Area.	Equivalent in square miles.	Acres.	Acres.	Acres.	Equivalent in square miles.		
	Central Circle—cont.									
South Arcot—*cont.*	No. III, Villupuram.	Gangavaram	13,276	..	..	..	13,276	..	....	
		Nabob's tope ..	65	..	..	..	65	..	....	
		Vakkur	384	..	..	..	384	..	....	
		Vikkiravandi	256	..	..	..	256	..	....	
		Sattanur, 1st bit ..	204	..	..	..	204	..	....	
		Narasinganur ..	428	..	..	..	428	..	....	
		Kundalupuliyur ..	940	..	..	..	940	..	....	
		Karanai	128	..	..	..	128	..	....	
		Adanur	1,491	..	..	..	1,491	..	....	
		Ariyalur	1,036	..	..	..	1,036	..	....	
		Vaduda Reddi ..	260	..	..	..	260	..	....	
		Melkondai	480	..	..	..	480	..	....	
		Sattanur, 2nd bit ..	320	..	..	..	320	..	....	
		Thurinjikadu ..	853	..	..	..	853	..	....	
		Panampattu	600	..	..	..	600	..	....	
		Kappiyampuliyur ..	660	..	..	..	660	..	....	
		Gangarampalaiyan ..	435	..	..	..	435	..	....	
		Poolanjimalai ..	600	..	..	..	600	..	....	
		Thandavasamudram ..	..	..	787	..	787	..	No. 547 of 1st Oct. 1895, *Fort St. George Gazette*, dated 8th Oct. 1895.	
	No. IV, Cuddalore.	Vallukarai	1,568	..	(*a*) 102	..	1,670	..	....	
		Valudalampattu ..	908	..	(*a*) 8	..	916	..	....	
		Sammatikuppam ..	364	..	..	..	364	..	....	
		Marungur	224	..	(*a*) 36	..	260	..	....	
		Vegakallai	480	..	(*a*) 159	..	639	..	....	
		Vadakuthu	3,084	..	..	(*a*) 68	3,016	..	....	
		Valudaiyampattu ..	1,536	..	(*a*) 21	..	1,557	..	....	
		Kangiruppu, 1st bit ..	2,956	..	..	..	2,956	..	....	
		Volankuppam ..	1,094	..	(*a*) 24	..	1,118	..	....	
		Shanankuppam ..	140	..	..	..	140	..	....	
		Fort St. David ..	44	..	..	..	44	..	....	
		Tulvakadu	217	..	..	..	217	..	....	
		Salombanathanputtai.	780	..	..	(*a*) 99	681	..	....	
		Nochikadu	640	..	..	..	640	..	....	
		Peramathur	1,036	..	(*a*) 145	..	1,181	..	....	
		Kungiruppu, 2nd bit.	2,519	..	..	..	2,519	..	....	
		Ramapuram	1,730	..	..	..	1,730	..	....	
		Doni Dorai, South ..	100	..	..	(*a*) 9	91	..	....	
		Siravathur	210	..	..	..	210	..	....	
		Punanikuppam ..	550	..	..	..	550	..	....	
		Ranganathapuram ..	620	..	..	..	620	..	....	
		Doni Dorai, North ..	..	..	42	..	42	..	No. 365 of 5th July 1895, *Fort St. George Gazette*, dated 9th July 1895.	
		Periyakuppam ..	..	..	1,580	..	1,580	..	No. 625 of 27th Nov. 1895, *Fort St. George Gazette*, dated 3rd Dec. 1895.	
	No. IV, Chidambaram.	Killai	1,160	..	..	..	1,160	..	....	
		Periyapattu	1,130	..	..	..	1,130	..	....	
		Walajah	2,770	..	..	..	2,770	..	....	
		Pichavaram	2,489	..	..	..	2,489	..	....	
		Kollakudi	599	..	..	..	599	..	....	
		Rampakkam	448	..	..	..	448	..	....	
		Nisingan	434	..	..	..	434	..	....	
		Adivarahanallur ..	..	..	610	..	610	..	No. 379 of 14th July 1895, *Fort St. George Gazette*, dated 16th July 1895.	
	No. V, Tirukkóyilúr.	Velur	1,670	..	..	..	1,670	..	....	
		Kuttadi	1,700	..	..	..	1,700	..	....	
		Pandur	955	..	..	..	955	..	....	
		Adukkam	2,000	..	..	..	2,000	..	....	
		Nattamur, 2nd bit ..	3,800	..	..	..	3,800	..	....	
		Do. 1st bit ..	4,500	..	..	..	4,500	..	....	
		Samimalai, 2nd bit ..	5,330	..	..	..	5,330	..	....	
		Edakkal	3,390	..	..	..	3,390	..	....	
		Perichanur	650	..	..	..	650	..	....	
		Sirupakkam	1,080	..	..	..	1,080	..	....	

(*a*) Reclification of area.

Area of reserved forests, 1895-96—*cont.*

District.	Range.	Name of Forest.	Area on 1st July 1895.		Added during the year.	Excluded.	Area on 30th June 1896.		Number and date of notification of addition or exclusion.	Remarks.
			Acres.	Equivalent in square miles.	Acres.	Acres.	Acres.	Equivalent in square miles.		
	Central Circle—cont.									
		Sidani	2,800	..	..	..	2,800	..	....	
		Nayanur	1,800	..	..	(*a*) 161	1,639	..	....	
		Athipakkam	4,500	..	..	..	4,500	..	....	
		Alwarmalai	8,800	..	..	..	8,800	..	....	
		Emappur	335	..	..	..	335	..	....	
		Mampakkam	215	..	..	..	215	..	....	
		Tiruvannanellur ..	220	..	..	..	220	..	....	
		Elandurai	255	..	..	..	255	..	....	
		Velandai	..	..	645	..	645	..	No. 356 of 22nd June 1895, *Fort St. George Gazette*, dated 2nd July 1895.	
	No. V, Tirukkóyilúr—*cont.*	Kallamedu	..	..	1,030	..	1,030	..	No. 411 of 24th July 1895, *Fort St. George Gazette*, dated 30th July 1895.	
		Oddampattu	..	..	226	..	226	..	No. 534 of 29th Sept. 1895, *Fort St. George Gazette*, dated 1st Oct. 1895.	
		Sengamedu	..	..	580	..	580	..	No. 22 of 19th Dec. 1895, *Fort St. George Gazette*, dated 7th Jan. 1896.	
		Solavandipuram ..	..	..	763	..	763	..	No. 47 of 9th Dec. 1895, *Fort St. George Gazette*, dated 28th Jan. 1896.	
		Kanai	2,220	..	..	..	2,220	..	....	
		Kottalammalai ..	2,880	..	..	..	2,880	..	....	
		Mallapuram	1,025	..	..	..	1,025	..	....	
		Rungappanur ..	2,200	..	..	..	2,200	..	....	
		Kanankadu	3,390	..	..	..	3,390	..	....	
		Pavunjipattu ..	4,100	..	..	..	4,100	..	....	
		Porasakurchi	910	..	..	..	910	..	....	
		Luchiyam	..	..	670	..	670	..	No. 201 of 20th April 1895, *Fort St. George Gazette*, dated 23rd April 1895.	
		Sittalur	..	..	870	..	870	..	No. 323 of 7th June 1895, *Fort St. George Gazette*, dated 18th June 1895.	
	No. VI, Kallakurchi.	Indali	..	..	1,133	..	1,133	..	No. 443 of 13th Aug. 1895, *Fort St. George Gazette*, dated 20th Aug. 1895.	
		Puttaï	..	..	999	..	999	..	No. 444 of 13th Aug. 1895, *Fort St. George Gazette*, dated 20th Aug. 1895.	
		Varanjaram	..	..	885	..	885	..	No. 567 of 23rd Oct. 1895, *Fort St. George Gazette*, dated 29th Oct. 1895.	
		Alathur	..	..	992	..	992	..	No. 607 of 14th Nov. 1895, *Fort St. George Gazette*, dated 19th Nov. 1895.	
		Magarur	..	..	1,222	..	1,222	..	No. 20 of 19th Dec. 1895, *Fort St. George Gazette*, dated 7th Jan. 1896.	

(*a*) Rectification of area.

Area of reserved forests, 1895–96—*cont.*

District.	Range.	Name of Forest.	Area on 1st July 1895. Acres.	Area on 1st July 1895. Equivalent in square miles.	Added during the year. Acres.	Excluded. Acres.	Area on 30th June 1896. Acres.	Area on 30th June 1896. Equivalent in square miles.	Number and date of notification of addition or exclusion.	Remarks.
		Central Circle—cont.								
South Arcot—*cont.*	No. VI, Kallakurchi—*cont.*	Parikam	..	..	615	..	615	..	No. 88 of 18th Feb. 1896, *Fort St. George Gazette*, dated 25th Feb. 1896.	
		Sittal	..	..	1,429	..	1,429	..	No. 113 of 4th Mar. 1896, *Fort St. George Gazette*, dated 10th Mar. 1896.	
		Kuttakudi	..	..	1,285	..	1,285	..	No. 141 of 20th Mar. 1896, *Fort St. George Gazette*, dated 24th Mar. 1896.	
		Kuppanattam ..	840	..	..	(*a*) 82	758	..	....	
		Narasingamangalam.	835	..	..	(*a*) 3	832	..	....	
		Nangur	1,625	..	(*a*) 85	..	1,710	..	....	
		Kuttumylore	1,587	..	..	..	1,587	..	....	
		Parur	2,660	..	..	..	2,660	..	....	
		Kottanur	3,880	..	..	..	3,880	..	....	
		Veppur	3,800	..	..	..	3,800	..	....	
		Kristnapuram ..	5,910	..	..	..	5,910	..	....	
		Ammeri	850	..	..	..	850	..	....	
		Karmangudi	1,150	..	..	(*a*) 50	1,100	..	....	
		Vriddhachalam tank.	192	..	..	..	192	..	....	
		Periyanisalur ..	700	..	..	..	700	..	....	
		Kattiyanellore ..	880	..	..	(*a*) 148	732	..	....	
		Semakottai	5,770	..	..	..	5,770	..	....	
	No. VII, Vriddhachalam—*cont.*	Periyakurchi	369	..	..	..	369	..	....	
		Inadagudi	634	..	..	..	634	..	....	
		Semakottai block extension.	..	..	174	..	174	..	No. 484 of 5th Sept. 1895, *Fort St. George Gazette*, dated 10th Sept. 1895.	
		Parur block extension.	..	..	334	..	334	..	No. 609 of 15th Nov. 1895, *Fort St. George Gazette*, dated 19th Nov. 1895.	
		Narimanum	..	..	900	..	900	..	No. 622 of 27th Nov. 1895, *Fort St. George Gazette*, dated 3rd Dec. 1895.	163 acres is to recon tation.
		Velangulam	..	..	1,312	149	1,163	..	No. 143 of 19th Mar. 1896, *Fort St. George Gazette*, dated 24th Mar. 1896.	The decrea 149 acres due to computati of areas.
		Total ..	297,288	464	56,099	30,370	323,017	505		
	Salem ..	Buthamalai	5,640	8·81	..	..	5,640	8·81	....	
		Pillappadi	4,992	7·80	* 449	..	5,441	8·50	....	
		Atur ghât	3,129	4·89	..	† 2	3,127	4·89	No. 490 of 7th Sept. 1895.	
		Mallapuram ghât ..	1,952	3·05	..	..	1,952	3·05	....	
		Narthenchedu ..	2,598	4·06	..	..	2,598	4·06	....	
		Vaniyar	5,139	8·03	..	..	5,139	8·03	....	
		Kuttar	5,388	8·42	..	..	5,388	8·42	....	
		Manjavadi ghât ..	9,491	14·83	..	..	9,491	14·83	....	
		Mallapuram ghât extension.	928	1·45	..	..	928	1·45	....	
		Ajjampatti	1,683	2·63	..	..	1,683	2·63	....	
		Narthenchedu extension.	972	1·52	..	..	972	1·52	....	
		Yerimalai	4,140	6·47	..	..	4,140	6·47	....	
		Kanavoipudur ..	3,180	4·97	..	..	3,180	4·97	....	
		Lokur ..	8,644	13·51	..	..	8,644	13·51	....	
		Pillappalli Combai, New.	2,035	3·18	..	..	2,035	3·18	....	
		Atur ghât extension..	492	·77	..	..	492	·77	....	
		Kanjeri, New ..	3,494	5·46	..	† 4	3,490	5·46	No. 479 of 7th Sept. 1895.	

* Excess in survey by survey of India. (*a*) Rectification of area. † Disafforested during the year.

Area of reserved forests, 1895–96—*cont.*

District.	Range.	Name of Forest.	Area on 1st July 1895. Acres.	Area on 1st July 1895. Equivalent in square miles.	Added during the year. Acres.	Excluded. Acres.	Area on 30th June 1896. Acres.	Area on 30th June 1896. Equivalent in square miles.	Number and date of notification of addition or exclusion.	Remarks.
		Central Circle—cont.								
	Salem—*cont.*	Pannikaradu	6,611	10·33	..	..	6,611	10·33	....	
		Mallapuram	589	·92	..	..	589	·92	....	
		Karuvattuparai ..	1,446	2·26	..	..	1,446	2·26	....	
		Gundakkal	2,912	4·55	..	..	2,912	4·55	....	
		Vanavasi	8,169	12·77	..	..	8,169	12·77	....	
		Manakondamalai ..	5,353	8·37	..	..	5,353	8·37	....	
		Puliamkadai	524	·82	..	..	524	·82	....	
		Mattikottai	3,500	5·46	* 182	..	3,682	5·75	....	
		Punjamaduvu ..	2,500	3·90	..	† 92	2,408	3·76	....	
		Godumalai	5,512	8·61	..	..	5,512	8·61	....	
		Jalluthu	10,110	15·80	..	..	10,110	15·80	....	
		Kanjamalai	4,369	6·83	..	..	4,369	6·83	....	
		Mary land	382	·59	..	..	382	·59	....	
		Ramasamimalai ..	2,505	3·91	..	..	2,505	3·91	....	
		Arasankadu	1,657	2·59	..	..	1,657	2·59	....	
		Kapputhu	4,518	7·06	..	..	4,518	7·06	....	
		Puduppatti	7,001	10·94	..	..	7,001	10·94	....	
		Sannyasimalai ..	480	·75	..	..	480	·75	....	
		Kudimaduvu	4,307	6·73	* 117	..	4,424	6·90	....	
		Kurumbapatti ..	8,819	13·78	..	..	8,819	13·78	....	
		Nagaramalai	1,139	1·78	..	..	1,139	1·78	....	
		Ellathur	1,268	1·98	..	..	1,268	1·98	....	
		Bonthakal	..	..	294	..	294	·46	No. 456 of 23rd and 27th Aug. 1895.	
		Mangalakal	..	..	313	..	313	·49	No. 477 of 5th and 10th Sept. 1895.	
		Bothakadu	..	..	2,822	..	2,822	4·41	No. 492 of 5th and 10th Sept. 1895.	
		Pellapalli extension ..	..	..	313	..	313	·49	No. 19 of 16th Dec. 1895 and 7th Jan. 1896.	
		Kuttar do. ..	..	..	1,472	..	1,472	2·30	No. 49 of 9th Dec. 1895 and 28th Jan. 1896.	
		Total ..	147,568	230·58	5,962	98	153,432	239·75		
	Atur ..	Varagur	2,675	4·18	..	..	2,675	4·18	....	
		Do. extension ..	486	·76	..	..	486	·76	....	
		Nayakankombai ..	2,880	4·50	..	..	2,880	4·50	....	
		Belur	6,880	10·75	..	..	6,880	10·75	....	
		Nagur	3,757	5·87	..	..	3,757	5·87	....	
		Gangavalli	7,040	11·00	..	..	7,040	11·00	....	
		Mannur	..	..	9,260	..	9,260	14·47	No. 632 of 2nd and 11th Dec. 1895.	
		Jadayagoundan slope.	..	..	12,420	..	12,420	19·41	No. 17 of 16th Dec. 1895 and 7th Jan. 1896.	
		Pattimedu	..	..	3,046	..	3,046	4·76	No. 25 of 19th Dec. 1895 and 7th Jan. 1896.	
		Nagalur	..	..	5,018	..	5,018	7·84		
		Thumbal	..	..	3,670	..	3,670	5·73		
		Do. extension ..	..	..	1,800	..	1,800	2·81	No. 146 of 20th and 24th Mar. 1896.	
		Total ..	23,718	37·06	35,214	..	58,932	92·08		
	Atur and Námakkal.	Karavallicombai ..	8,755	13·68	..	..	8,755	13·68	....	
	Námakkal	Jambuthu	2,617	4·09	..	..	2,617	4·09	....	
		Puliamsolai	5,530	8·64	..	..	5,530	8·64	....	
		Total ..	16,902	26·41	..	..	16,902	26·41		

* Excess in survey by Survey of India. † Deficient in survey by Survey of India.

Area of reserved forests, 1895–96—*cont.*

District.	Range.	Name of Forest.	Area on 1st July 1895. Acres.	Area on 1st July 1895. Equivalent in square miles.	Added during the year. Acres.	Excluded. Acres.	Area on 30th June 1896. Acres.	Area on 30th June 1896. Equivalent in square miles.	Number and date of notification of addition or exclusion.	Remarks.
	Central Circle—cont.									
Salem—*cont.*	Uttangarai.	Pallipatti	8,000	12·50	* 3,192	..	11,192	17·49	....	
		Thumbal	7,757	12·12	* 1,851	..	9,608	15·01	....	
		Chitteri	3,917	6·12	..	† 459	3,458	5·40	....	
		Chittiluigi	6,880	10·75	* 1,462	..	8,342	13·04	....	
		Kottapatti	8,960	14·00	* 2,600	..	11,560	18·06	....	
		Puvampatti	5,286	8·26	..	..	5,286	8·26	....	
		Ammapolayam ..	9,216	14·40	* 1,362	..	10,578	16·53	....	
		Singarapet	2,624	4·10	..	..	2,624	4·10	....	
		Mallapuram extension.	400	·62	..	..	400	·62	....	
		Thombakal do.	3,840	6·00	* 1,723	..	5,563	8·69	....	
		Nochikuttai	7,917	12·37	* 968	..	8,885	13·88	....	
		Kalnad	4,320	6·75	* 1,473	..	5,793	9·06	....	
		Chetteri extension ..	2,880	4·50	* 3,091	..	5,971	9·33	....	
		Veppampatti	8,640	13·50	* 2,040	..	10,680	16·69	....	
		Thirthamalai	11,046	17·26	* 5,248	..	16,294	25·46	....	
		Sundamalli	560	·87	..	..	560	·87	....	
		Pudur Pungani ..	1,120	1·75	..	..	1,120	1·75	....	
		Vellakal	863	1·35	..	..	863	1·35	....	
		Goundapuram ..	2,700	4·22	..	..	2,700	4·22	....	
		Elavambadi	..	..	3,838	..	3,838	5·99	No. 202 of 18th and 23rd Apr. 1895.	
	Uttangarai and Tiruppattúr.	Kavuramalai extension.	..	..	3,200	..	3,200	5·00	No. 1300 of 28th May and 11th June 1895.	
		Puvampatti extension.	..	..	1,544	..	1,544	2·42	No. 418 of 23rd Aug. 3rd Sept. 1895.	
		Mukkanur	..	..	2,060	..	2,060	3·21	No. 482 of 5th and 10th Sept. 1895.	
		Alambadi	..	..	512	..	512	·80	No. 18 of 16th Dec. 1895 and 7th Jan. 1896.	
		Harur	..	..	1,679	..	1,679	2·62	No. 145 of 19th and 24th Mar. 1896.	
		Total ..	96,926	151·44	37,843	459	134,310	209·85		
	Tiruppattúr.	Mangalam	6,080	9·50	..	..	6,080	9·50	....	
		Nagaluthu	2,560	4·00	..	..	2,560	4·00	....	
		Mambakam	9,370	14·64	..	512	8,858	13·84	No. 24 of 12th Dec. 1895.	Disafforested during the year.
		Singarapet extension.	7,398	11·56	..	..	7,398	11·56	....	
		Pungulam	7,834	12·24	..	..	7,834	12 24	....	
		Madakadappah ..	2,048	3·20	..	..	2,048	3·20	....	
		Jollarpet	1,216	1·90	..	..	1,216	1·90	....	
		Narasingapuram ..	2,048	3·20	..	..	2,048	3·20	....	
		Kalarapatti	2,016	3·15	..	..	2,016	3·15	....	
		Alangayam	11,520	18·00	..	..	11,520	18·00	....	
		Andiappanur	7,500	11·71	..	..	7,500	11·71	....	
		Inner Jevadis ..	32,000	50·00	..	..	32,000	50·00	....	
		Vellakuttai	..	..	1,092	..	1,092	1·70	No. 466 of 23rd August and 3rd Sept. 1895.	
		Total ..	91,590	143 10	1,092	512	92,170	144·00		
	Krishnagiri.	Burgur, new	1,920	3·00	..	..	1,920	3·00	....	
		Thogarapalli ..	900	1·40	..	..	900	1·40	....	
		Neralkotta	7,140	11·15	..	..	7,140	11·15	....	
		Maharajagadai extension.	2,560	4·00	..	..	2,560	4·00	....	
		Varattanapalli ..	2,216	3·46	..	..	2,216	3·46	....	
		Thattaikall	857	1·34	..	..	857	1·34	....	
	Krishnagiri and Tiruppattúr.	Nandikandai	2,500	3·90	..	..	2,500	3·90	....	
		Kothur	3,840	6·00	..	..	3,840	6·00	....	
		Maharajagadai ..	..	..	7,744	..	7,744	12·10	No. 416 of 31st July and 6th Aug. 1895.	
		Medugampalli, second part.	..	..	36	..	36	·06	No. 149 of 16th and 24th Mar. 1896.	
		Total ..	21,933	34·25	7,780	..	29,713	46·41		

* Excess in survey by Survey of India. † Deficit in survey by Survey of India.

Area of reserved forests, 1895–96—*cont.*

District.	Range.	Name of Forest.	Area on 1st July 1895. Acres.	Area on 1st July 1895. Equivalent in square miles.	Added during the year. Acres.	Excluded. Acres.	Area on 30th June 1896. Acres.	Area on 30th June 1896. Equivalent in square miles.	Number and date of notification of addition or exclusion.	Remarks.
	Central Circle—cont.									
Salem—*cont.*	Hosur ..	Ayur	5,952	9·30	..	..	5,952	9·30	....	
		Marandapalli ..	5,824	9·10	..	..	5,824	9·10	....	
		Gulhatti, new ..	7,942	12·41	..	..	7,942	12·41	....	
		Manchi, new	5,632	8·80	..	..	5,632	8·80	....	
		Javalagiri	6,016	9·40	..	..	6,016	9·40	....	
		Thali	6,368	9·95	..	..	6,368	9·95	....	
		Noganur	3,200	5·00	..	..	3,200	5·00	....	
		Denkanikota ..	2,816	4·40	..	..	2,816	4·40	....	
		Tholavabetta ..	6,919	10·81	..	..	6,919	10·81	....	
		Anchetti	8,832	13·80	..	..	8,832	13·80	....	
		Nattrappalayam ..	10,880	17·00	..	..	10,880	17·00	....	
		Biligundulu	14,272	22·30	.	..	14,272	22·30	....	
		Kestur	11,616	18·15	..	..	11,616	18·15	....	
		Bellikal	11,136	17·40	..	..	11,136	17·40	....	
		Mallahalli	8,928	13·95	..	..	8,928	13·95	....	
		Thaggatti	10,432	16·30	..	..	10,432	16·30	....	
		Galigattam	6,080	9·50	..	..	6,080	9·50	....	
		Kistur extension .	3,600	5·63	..	..	3,600	5·63	....	
		Thalli do. ..	4,320	6·75	..	..	4,320	6·75	....	
		Total ..	140,765	219·95	..	..	140,765	219·95		
	Dharmapuri.	Pennagaram	10,304	16·10	..	..	10,304	16·10	....	
		Morappur	16,640	26·00	..	..	16,640	26·00	....	
		Bianoormalai ..	11,500	17·97	..	..	11,500	17·97	....	
		Masakkal	9,600	15·00	..	..	9,600	15·00	....	
		Perumbalaimalai ..	12,000	18·75	..	..	12,000	18·75	....	
		Thoppur	7,000	10·93	..	..	7,000	10·93	....	
		Kesaruguli	6,400	10·00	..	..	6,400	10·00	....	
		Pikkilimalai ..	6,400	10·00	..	..	6,400	10·00	....	
		Bathavadi	27,000	42·19	..	..	27,000	42·19	....	
		Kallappambadi ..	9,500	14·84	..	..	9,500	14·84	....	
		Woddappatti . ..	17,152	26·80	..	..	17,152	26·80	....	
		Gutturayan	15,776	24·85	..	..	15,776	24·65	....	
	Hosur and Dharmapuri.	Siharalahalliparappadipalli.	..	..	1	..	1	..	No. 483 of 5th and 10th Sept. 1895.	
		Total ..	149,272	233·	1	..	149,273	233·23		
	Tiruchengódu.	Pakkanadu	4,086	6·38	..	..	4,086	6·38	....	
		Suriyamalai	4,166	6·51	..	..	4,166	6·51	....	
		Total ..	8,252	128·9	..	..	8,252	12·89		
		Grand total ..	696,926	1,089	87,892	1,069	783,749	1,224		
Trichinopoly.	Trichinopoly.	Tuvakudi	1,438	..	..	..	1,438	..	....	
	Kulitalai.	Elamanur .. .	117	..	..	..	117	..	....	
		Pettavathalai ..	137	..	..	..	137	..	....	
		Kulitalai	77	..	..	..	77	..	....	
		Manattattai	45	..	..	..	45	..	....	
		Lalapet	268	..	..	..	268	..	....	
		Sittalavoi	160	..	..	..	160	..	....	
		Kattalai	75	..	..	..	75	..	....	
		Tainimalai	464	..	..	..	464	..	....	
		Minnakaradu ..	98	..	..	..	98	..	....	
		Panjantangi Hill ..	1,543	..	..	..	1,543	..	....	
		Veeramalai Hills ..	5,472	..	..	..	5,472	..	....	
		Poigapatti Hills ..	639	..	..	..	639	..	....	
		Shenmalai No. I ..	2,477	..	..	..	2,477	..	....	
		Pakkirikaradu ..	65	..	..	..	65	..	....	
		Puthanatham Range comprising Kurumalai, Palamalai and Nedumalai.	705	..	..	..	705	..	....	
		Surpam Range ..	1,403	..	..	..	1,403	..	....	
		Muthalamalai ..	465	..	..	..	465	..	....	
		Shenmalai No. II ..	1,593	..	..	..	1,593	..	....	
		Marudur	180	..	..	..	180	..	....	
		Mayanur	50	..	..	..	50	..	....	
		Segamkardu	714	..	..	..	714	..	....	

Area of reserved forests, 1895–96—*cont.*

District.	Range.	Name of Forest.	Area on 1st July 1895. Acres.	Area on 1st July 1895. Equivalent in square miles.	Added during the year. Acres.	Excluded. Acres.	Area on 30th June 1896. Acres.	Area on 30th June 1896. Equivalent in square miles.	Number and date of notification of addition or exclusion.	Remarks.
		Central Circle—cont.								
Trichinopoly—*cont.*	Kulitalai—*cont.*	Panjantangi Valley	286	..	..	..	286	..	....	
		Karupur Reddiapatti Hills	3,600	..	..	..	3,600	..	....	
		Vaiyamalai Kilkadu.	250	..	..	..	250	..	....	
		Amayapuram Perumarikadu.	600	..	..	..	600	..	....	
	Musiri ..	Sengattupatti ..	3,000	..	..	..	3,000	..	....	
		Melur ..	3,000	..	..	..	3,000	..	....	
		Kaliammankoil thittu.	1,500	..	..	..	1,500	..	....	
		Karupankadu thittu ..	2,000	..	..	..	2,000	..	....	
		Kanappadi Kannimar sholai.	2,560	..	..	..	2,560	..	....	
		Kanappadi and Thenpiramadu.	12,021	..	..	..	12,021	..	....	
		Palamalai	10,000	..	..	..	10,000	..	....	
		Vannadu Kanappadi.	10,000	..	..	..	10,000	..	....	
		Manmalai	6,000	..	..	..	6,000	..	....	
	Perambalúr.	Manalodai	4,000	..	..	..	4,000	..	....	
		Sholamattu	7,000	..	..	..	7,000	..	....	
		Selaiyur	1,600	..	..	..	1,600	..	....	
		Puliyur	10,000	..	..	..	10,000	..	....	
		Semmalai	5,000	..	..	..	5,000	..	....	
		Sengattur	10,000	..	..	..	10,000	..	....	
		Adanakurichi	250	..	..	..	250	..	....	
		Malangankudiyiruppu	150	..	..	..	150	..	....	
		Tennamanallur	10	..	..	..	10	..	....	
		Valakurichi	48	..	..	..	48	..	....	
		Sittidayar	53	..	..	..	53	..	....	
		Pasikkulam	100	..	..	..	100	..	....	
		Periyakurichi ..	147	..	..	..	147	..	....	
		Sattambodi	1,000	..	..	..	1,000	..	....	
		Kolamanikam ..	236	..	..	..	236	..	....	
		Vettiarvettu Nos. I and II.	620	..	..	..	620	..	....	
		Aramanaikurichi .	91	..	..	..	91	..	....	
		Sundaresvarapuram ..	150	..	..	..	150	..	....	
		Ambappur	200	..	..	..	200	..	....	
		Ullisakudi	196	..	..	..	196	..	....	
		Alavoy	300	..	..	..	300	..	....	
		Annagarampettai Nos. I to V.	57	..	..	..	57	..	....	
	Udaiyárpálaiyam.	Mudukolam	1,197	..	..	..	1,197	..	....	
		Periyavalayam ..	985	..	..	..	985	..	....	
		Vilangudi	900	..	..	..	900	..	....	
		Ayyár	1,400	..	..	..	1,400	..	....	
		Varappanakurichi ..	190	..	..	..	190	..	....	
		Sripuranambits Nos. I and II.	457	..	..	..	457	..	....	
		Kovilur	700	..	..	..	700	..	....	
		Jayamkondasholapuram No. I.	150	..	..	..	150	..	....	
		Jayankondasholapuram No. II.	290	..	..	..	290	..	....	
		Kanguli	800	..	..	..	800	..	....	
		Vanavanallur ..	197	..	..	..	197	..	....	
		Tirukonam	650	..	..	..	650	..	....	
		Kodukur .. .	92	..	..	..	92	..	....	
		Kulumur	200	..	..	..	200	..	....	
		Karaipakkam ..	83	..	..	..	83	..	....	
		Tiruvengalur ..	136	..	..	..	136	..	....	
		Sattambodi	179	..	..	..	179	..	....	
		Total ..	122,816	192	..	..	1,22,816	192		
Tanjore.	Northern Range.	Shiyali taluk— Vetangudi ..	1,893	..	..	..	1,893	..	....	
		* Northern casuarina.	350	..	..	..	350	..	....	
		* Southern casuarina.	250	..	..	..	250	..	....	
		* Nidivasal ..	42	..	..	..	42	..	....	
		Elantope ..	17	..	..	..	17	..	....	
	Southern Range.	Tirutturaippúndi taluk—								
		* Kodiyakadu ..	4,204	..	..	..	4,204	..	....	
		* Talanayar ..	2,000	..	..	..	2,000	..	....	

* These are the blocks which it is proposed to retain as reserved forests.

Area of reserved forests, 1895–96—*cont.*

District.	Range.	Name of Forest.	Area on 1st July 1895. Acres.	Area on 1st July 1895. Equivalent in square miles.	Added during the year. Acres.	Excluded. Acres.	Area on 30th June 1896. Acres.	Area on 30th June 1896. Equivalent in square miles.	Number and date of notification of addition or exclusion.	Remarks.
		Central Circle—cont.								
Tanjore—*cont.*	Southern Range—*cont.*	Tirutturaippúndi taluk—*cont.*								
		Maltottam, east .	10	..	..	..	10	..	....	
		Do. west.	8	..	..	..	8	..	....	
		Manakadu ..	120	..	..	..	120	..	....	
		Tillaiviagam ..	320	..	..	..	320	..	....	
		Tanjore taluk—								
		* Nadur No I ..	1,000	..	..	..	1,000	..	....	
		* Do. No. II ..	200	..	..	..	200	..	....	
		* Thatchankurichy.	320	..	..	..	320	..	....	
		* Veeralipatti, North block.	145	..	..	..	145	..	....	
		* Veeralipatti, South block.	234	..	..	..	234	..	....	
		* Kollangarai ..	458	..	..	..	458	..	....	
		* Puthur No I ..	191	..	..	..	191	..	....	
		* Do. No. II.	119	..	..	..	119	..	....	
		Kalluppatti ..	85	..	..	..	85	..	....	
		Mannárgudi taluk— Edangankottai ..	194	..	..	..	194	..	....	
		Total ..	12,160	19	..	..	12,160	19	....	
		Southern Circle.								
	Nánguneri.	Reserve No. I ..	28,793·60	..	..	..	28,793·60	..	....	
		Teak tract	284·26	..	..	..	284·26	..	....	
		Block No. I-*a* ..	22,323·20	..	..	..	22,323·20	..	....	
		Total ..	51,401·06	80·315	..	.	51,401·06	80·315		
	Ambásamudram.	Reserve No. II ..	67,532·80	..	..	..	67,532·80	..	....	
		Mullimmalai	457·10	..	..	..	457·10	..	....	
		Kaliaiammankoil parai.	309·33	..	..	..	309·33	..	....	
		Saluppurpothai ..	70·72	..	..	..	70·72	..	....	
		Koviladiparai ..	124·38	..	..	..	124·38	..	....	
		Block No. II-*a* ..	3,187·20	..	..	..	3,187·20	..	....	
		Do. „ II-*b* ..	19,539·20	..	..	..	19,539·20	..	....	
		Kolundumamalai ..	1,540·00	..	..	..	1,540·00	..	....	
		Total ..	92,760·73	144·938	..	..	92,760·73	144·938		
	Tenkási..	Reserve No. III ..	17,574·40	..	..	..	17,574·40	..	....	
		Okkinaranpothai ..	83·20	..	..	..	83·20	..	....	
		Kavalkuttiparambu ..	371·20	..	..	..	371·20	..	....	
		Kottamalai	883·20	..	..	..	883·20	..	....	
		Nalankurichi	217·60	..	..	..	217·60	..	....	
		Chinnakadu as defined in Mr Baber's decision of claims on inamdars.	1,388·80	..	..	..	1,388·80	..	....	
		Block No. III-*a* ..	678·40	..	..	..	678·40	..	....	
		Do. „ III-*b* ..	554·00	..	..	..	554·00	..	....	
		Do. „ III-c^1 ..	582·40	..	..	..	582·40	..	....	
		Do. „ III-c^2 ..	1,171·20	..	..	..	1,171·20	..	....	
		Do. „ III-*d* ..	531·20	..	..	..	531·20	..	....	
		Total ..	24,035·60	37·555	..	..	24,035·60	37·555		
	Sankaranayinárkóyil.	Reserve No IV ..	16,038·40	..	..	..	16,038·40	..	....	
		Channambuparambu.	286·00	..	..	..	286·00	..	....	
		Block No. IV-*a* ..	10,496·00	..	..	..	10,496·00	..	....	
		Sayamalai	294·15	..	..	..	294·15	..	....	
		Total ..	27,114·55	42·367	..	..	27,114·55	42·367		
	Srívilliputtúr.	Reserve No. V ..	14,796·80	..	..	..	14,796·80	..	....	
		Unnipathimalai ..	550·40	..	..	..	550·40	..	....	
		Sappaniparambu ..	384·00	..	..	..	384·00	..	....	
		Pulpathiparambu ..	51·20	..	..	..	51·20	..	....	
		Marthandamparai ..	134·51	..	..	..	134·51	..	....	
		Kothankulam ..	550·40	..	..	..	550·40	..	....	
		Block No. V-*a* ..	28,172·80	..	..	..	28,172·80	..	....	
		Valaikulamparambu.	1,145·60	..	..	..	1,145·60	..	....	
		Total ..	45,785·71	71·540	..	..	45,785·71	71·540		

* These are the blocks which it is proposed to retain as reserved forests.

Area of reserved forests, 1895–96—*cont.*

District.	Range.	Name of Forest.	Area on 1st July 1895. Acres.	Area on 1st July 1895. Equivalent in square miles.	Added during the year. Acres.	Excluded. Acres.	Area on 30th June 1896. Acres.	Area on 30th June 1896. Equivalent in square miles.	Number and date of notification of addition or exclusion.	Remarks.
		Southern Circle—cont.								
Tinnevelly—*cont.*	Tinnevelly.	Thalaiyuthu	890·81	..	..	..	890·81	..	....	
		Sivalaperi	263·14	..	..	..	263·14	..	....	
		Total ..	1,153·95	1·803	..	..	1,153·95	1·803	....	
	Srivaikuntam.	Pannamparai ..	116·60	..	..	..	116·60	..	....	
		Kaliyavur ..	158·07	..	..	..	158·07	..	....	
		Kottamadakikadu ..	1,279·23	..	..	..	1,279·23	..	....	
		Kongarayakurichi ..	60·00	..	..	..	60·00	..	....	
		Vellanad	4,659·20	..	..	..	4,659·20	..	....	
		Kudiraimoliteri ..	13,392·59	..	..	..	13,392·59	..	....	
		Total ..	19,665·69	30·728	..	..	19,665·69	30·728	....	
	Ottappidáram.	Virisampatti	294·34	..	..	..	294·34	..	No. 133 of 24th March 1890.	
		Milavittan	708·37	..	..	..	708·37	..	No. 271 of 17th June 1891.	
		Total ..	1,002·71	1·566	..	..	1,002·71	1·566	....	
		Grand Total ..	262,920	411	..	..	262,920	411	....	
Madura.	No. I Cumbum valley.	*Cumbum valley—East.*								
		Block No. 1, Kuttinachiar.	640	..	..	..	640	..	....	
		Block No. 2, Surulipatti.	5,760	..	..	..	5,760	..	....	
		Block No. 3, Panduratorai.	300	..	..	..	300	..	....	
		Block No. 4, Vannatiparai.	27,520	..	..	..	27,520	..	....	
		Block No. 5, Melagudalur.	1,280	..	..	..	1,280	..	....	
		Block No. 6, Sangilikaradu.	275	..	..	..	275	..	....	
		Block No. 7, Dhonikaradu.	1,114	..	..	..	1,114	..	....	
		Block No. 8, Puvathukkaradu.	1,024	..	..	..	1,024	..	....	
		Block No. 9. Boothakaradu.	934	..	..	..	934	..	....	
		Block No. 10, Pottaikaradu.	147	..	..	..	147	..	....	
		Block No. 11, Vellaikaradu.	640	..	..	..	640	..	....	
		Cumbum valley—West.								
		Block No. 1, Suranganur.	3,616	..	..	..	3,616	..	....	
		Block No. 2, Matchukal.	2,560	..	..	..	2,560	..	....	
		Block No. 3, Kombai.	3,840	..	..	..	3,840	..	....	
		Do. ,, 5, Pannimothukaradu.	377	..	..	..	377	..	....	
		Block No. 6, Shallimalaikaradu.	442	..	..	..	442	..	....	
		Sangan karadu ..	836	..	..	..	836	..	....	
		Allinagaram.								
		Block No. 1, Tambiran kanal.	256	..	..	..	256	..	....	
		Block No 2) Agamalai.	3,673	..	..	..	3,673	..	....	
		Block No. 3. Valkaradu.	717	..	..	..	717	..	....	
		Block No. 4, Perumalkoilkaradu.	640	..	..	..	640	..	....	
		Block No. 5, Sungakaradu.	836	..	..	..	836	..	....	
		Nagamalai.								
		Block No. 1, Vattilapatti.	698	..	..	..	698	..	....	
		Block No. 4, Vikramangalam	3,789	..	..	..	3,789	..	....	

Area of reserved forests, 1895–96—*cont.*

District.	Range.	Name of Forest.	Area on 1st July 1895. Acres.	Area on 1st July 1895. Equivalent in square miles.	Added during the year. Acres.	Excluded. Acres.	Area on 30th June 1896. Acres.	Area on 30th June 1896. Equivalent in square miles.	Number and date of notification of addition or exclusion,	Remarks.
		Southern Circle—cont.								
Madura—*cont.*	No. I, Cumbum valley—*cont.*	*Andipotti.*								
		Block No. 1, Andipatti (northern).	3,151	..	..	..	3,151	..	....	
		Block No 3, Andipatti (central).	374	..	..	..	374	..	....	
		Rajadani.								
		Block No. 1, Ambukaradu.	360	..	..	..	360	..	....	
		Block No. 2, Rajadani.	2,720	..	..	..	2,720	..	....	
		Block No. 3, Valayapatti.	947	..	..	..	947	..	....	
		Palni Hills, southern slopes—West.								
		Block No. 1, Amburuvi.	6,400	..	..	..	6,400	..	....	
		Block No. 2, Sengalvaraiar.	4,609	..	..	..	4,609	..	....	
		Block No. 3, Kurungaldhonimedu.	1,920	..	..	..	1,920	..	....	
		Block No. 4, Pamban.	4,243	..	..	..	4,243	..	....	
		Do. ,, 5, Adukkam	3,200	..	..	..	3,200	..	....	
		Murugamalai ..	6,572	..	..	..	6,572	..	....	
		Palni Hills, northern slopes—West.								
		Block No. 1, Perumbarai Vilpatti valley.	13,587	..	..	..	13,587	..	....	
		Block No. 2, Velancombai.	1,600	..	..	..	1,600	..	....	
		Block No. 3, Velancombai, plantation.	54	..	..	..	54	..	....	
		Block No. 4, Oliyanuthu odai	3,200	..	..	..	3,200	..	....	
		Block No. 5, Kukal ..	9,645	..	..	..	9,645	..	....	
		Do. ,, 6, Kudraiyar.	10,061	..	..	..	10,061	..	....	
		Block No. 7, Karadikuttu.	957	..	..	..	957	..	....	
	No. II, Kodaikanal	*Perumalmalai.*								
		Block No. 1, Perumalmalai.								
		Block No. 2, Thogavaraishola.	7,386	..	..	..	7,386	..	....	
		Block No. 3, Talaiarkad.								
		Block No. 4, Kadamaravu.								
		Upper Palni sholas.								
		Block No. 1, Peramalmalai.								
		Block No. 2, Serathan kanal.								
		Block No. 3, Tiger shola.								
		Block No. 4, Kodaikanal.								
		Block No. 5, Gundan and Manavan.								
		Block No. 6, Parappar	2,316	..	..	..	2,316	..	....	
		Do. ,, 7, Pannitulam.								
		Block No. 8, Gunden.								
		Do. ,, 9, Sandanam.								
		Block No. 10, Fort, Hamilton.								
		Block No. 11, Mariyan.								

Area of reserved forests, 1895–96—*cont.*

District.	Range.	Name of Forest.	Area on 1st July 1895. Acres.	Area on 1st July 1895. Equivalent in square miles.	Added during the year. Acres.	Excluded. Acres.	Area on 30th June 1896. Acres.	Area on 30th June 1896. Equivalent in square miles.	Number and date of notification of addition or exclusion.	Remarks.
	Southern Circle—cont.									
		Upper Palni Plantations.								
	No. II, Kodaikanal—*cont.*	Block No. 1, Gundan shola A.								
		Block No. 2, Gundan shola B.	335	..	..	..	335	..	....	
		Block No. 3, Post office.								
		Block No. 4, Pumbarai.								
		Perumalmalai shola..	..	..	347	..	347	..		
		Gundan	..	..	439	..	439	..		
		Manavartan kanal ..	..	..	56	..	56	..	No. 81, of 12th Feb. 1896.	
		Kundukadu kanal ..	..	..	332	..	332	..		
		Tulkadu kanal ..	..	..	268	..	268	..		
		Kuttukalkadu kanal .	..	..	36	..	36	..		
		Pannitulam kanal ..	..	..	15	..	15	..		
		Kolaviri kanal ..	..	..	36	..	36	..	No. 85, of 15th Feb. 1896.	
		Chendanur . ..	..	..	443	..	443	..		
		Pukadu	..	..	242	..	242	..		
		Kilanvaiyal	..	..	568	..	568	..	No. 85, of 15th Feb. 1896.	
		Glenfall's shola ..	..	..	36	..	36	..		
		Parappan shola ..	..	..	55	..	55	..		
		Nettle shola	..	..	16	..	16	..	No. 109, of 4th Mar. 1896.	
Madura—*cont.*		Kulvan Kanai kanal.	..	..	52	..	52	..		
		Gundar valley ..	..	..	3,988	..	3,988	..		
		Palni Hills, southern slopes—East.								
		Block No. 1, Marudunadiar	6,528	..	..	..	6,528	..	....	
		Block No. 2, Kudajuthodi.	1,280	..	..	..	1,280	..	....	
		Block No. 3, Arunkanal.	1,920	..	..	..	1,920	..	....	
		Block No. 4, Arunshola.	32	..	..	..	32	..	....	
		Block No. 5, southern slopes.	25,600	..	..	..	25,600	..	....	
		Block No. 6, Unjalvachi.	256	..	..	..	256	..	....	
	No. III, Tandigadi.	Block No. 7, Varathan kanal.	160	..	..	..	160	..	....	
		Block No. 8, Iruthankanal.	100	..	..	..	100	..	....	
		Block No. 9, Mankaradu.	2,121	..	..	..	2,121	..	....	
		Pambukallar	800	..	..	..	800	..	....	
		Kokkuparai	320	..	..	..	320	..	....	
		Palni Hills, northern slopes—East.								
		Block No. 1, Siruvathukadu.	2,279	..	..	..	2,279	..	....	
		Block No. 2, northern slopes.	12,800	..	..	..	12,800	..	....	
		Block No. 3, Vennilai.	4,800	..	..	..	4,800	..	....	
		Do ,, 4, Kanienkadu.	3,002	..	..	..	3,002	..	....	
		Block No. 5, Norchiarkadu.	200	..	..	..	200	..	....	
		Block No. 6, Talaiarandarkoilkadu.	30	..	..	..	30	..	....	
		Kallar.								
		Block No. 1, Kallar.	9,600	..	..	..	9,600	..	....	
		Do. ,, 2, Ariynuthukanal.	64	..	..	..	64	..	....	
		Block No. 3, Kumangorainalaikad.	80	..	..	..	80	..	....	
		Lower Palni sholas.								
		Block No. 1, Kadavu.	64	..	..	..	64	..	....	
		Do. ,, 2, Peterunkanal.	80	..	..	..	80	..	....	
		Kondarankimalai ..	308	..	..	..	308	..	....	

Area of reserved forests, 1895–96—*cont.*

District.	Range.	Name of Forest.	Area on 1st July 1895. Acres.	Area on 1st July 1895. Equivalent in square miles.	Added during the year. Acres.	Excluded. Acres.	Area on 30th June 1896. Acres.	Area on 30th June 1896. Equivalent in square miles.	Number and date of notification of addition or exclusion.	Remarks.
	Southern Circle—cont.									
		Rengamalai.								
	No. III, Tandigadi—*cont.*	Block No. 1, Rengamalai.	967	..	..	..	967	..	....	
		Block No. 2, Karumalai.	2,004	..	..	..	2,004	..	....	
		Guvukkapatti ..	115	..	..	..	115	..	....	
		Kuchukaradu ..	..	..	1,107	..	1,107	..	No. 327, of 12th June 1895.	
		Sengattampatti ..	1,600	..	..	..	1,600	..	....	
		Kadavakurichi ..	3,200	..	..	..	3,200	..	....	
		Sirumalai.								
		Block No. 1, Sirumalai.	21,786	..	..	..	21,786	..	....	
		Block No. 2, Katchakutti.	1,745	..	..	..	1,745	..	....	
		Block No. 4, Sembatti hills.	2,415	..	..	..	2,415	..	....	
	No. IV, Palamedu	Waguthamalai ..	6,089	..	..	..	6,089	..	....	
		Alagar Hill.								
		Block No. 1, Alagar, hill	16,838	..	..	..	16,838	..	....	
		Block No. 2, Kiluvamalai.	2,000	..	..	..	2,000	..	....	
		Block No. 6, Moorookaradu.	276	..	..	..	276	..	....	
		Perumalai.								
Madura—*cont.*		Block No. 3, Perumalai.	516	..	..	..	516	..	....	
		Chembulimalai ..	1,600	..	..	..	1,600	..	....	
		Nedumalai	1,089	..	..	..	1,089	..	....	
		Mottamalai.								
		Block No. 1, Mottamalai.	800	..	..	..	800	..	....	
		Perumalai.								
		Block No. 1, Perumalai.	9,600	..	..	..	9,600	..	....	
		Budagudimalai ..	1,120	..	..	..	1,120	..	....	
		Palamalai	800	..	..	..	800	..	....	
		Kanavoipatti.								
		Block No. 1, Karandamalai.	22,077	..	..	..	22,077	..	....	
		Block No. 2, Kuparuvalikuttu.	845	..	..	..	845	..	....	
		Block No. 3, Akkamakaradu.	301	..	..	..	301	..	....	
		Block No. 4, Tenkal.	589	..	..	..	589	..	....	
		Mudimalai	4,435	..	..	..	4,435	..	....	
	No. V, Kanavoipatti:	*Aiyolu.*								
		Block No. 1, Pillayarnattam.	5 485	..	..	..	5,485	..	....	
		Block No. 2, Panjamtangi.	7,423	..	..	..	7,423	..	....	
		Block No. 3, Tannirkaradu.	966	..	..	..	966	..	....	
		Block No. 4, Sundamalai.	410	..	..	..	410	..	....	
		Block No. 5, Berinjikaradu.	244	..	..	..	244	..	....	
		Block No. 6, Pannamalai.	1,000	..	..	..	1,000	..	....	
		Block No. 7, Parayankaradu.	559	..	..	..	559	..	....	
		Block No 9. Perumalkoil karadu.	433	..	..	..	433	..	....	
		Block No. 11, Bodamalai.	415	..	..	..	415	..	....	
		Block No. 12, Silakaradu.	516	..	..	..	516	..	....	
		Block No. 13, Siganakaradu.	168	..	..	..	168	..	....	
		Block No. 14, Natchikaradu.	143	..	..	..	143	..	....	

Area of reserved forests, 1895–96—*cont.*

District.	Range.	Name of Forest.	Area on 1st July 1895. Acres.	Area on 1st July 1895. Equivalent in square miles.	Added during the year. Acres.	Excluded. Acres.	Area on 30th June 1896. Acres.	Area on 30th June 1896. Equivalent in square miles.	Number and date of notification of addition or exclusion.	Remarks.
		Southern Circle—cont.								
Madura—*cont.*	No. V, Konavoipatti—*cont.*	*Nadumandalam.*								
		Block No. 2, Nadunkuttu.	915	..	..	..	915	..	....	
		Block No. 3, Settur Nedumalai.	361	..	..	..	361	..	....	
		Block No. 5, Chitrakuttu.	115	..	..	..	115	..	....	
		Kodangikuttu ..	3,969	..	..	..	3,969	..	....	
		Kottampatti.								
		Block No. 3, Valacheripatti hills.	1,119	..	..	..	1,119	..	....	
		Sendurai.								
		Block No. 1, Ottarankuttu.	370	..	..	..	370	..	....	
		Block No. 2, Kuluvadimalai.	673	..	..	..	673	..	....	
		Block No. 3, Vattamalai.	510	..	..	..	510	..	....	
		Block No. 4, Mangalapattikaradu.	152	..	..	..	152	..	....	
		Block No. 6, Malayandikuttu.	157	..	..	..	157	..	....	
		Nedumalai	..	..	1,069	..	1,069	..	No. 450 of 13th August 1895.	
		Karumalai	..	..	1,896	..	1,896	..	No. 90 of 22nd Feb. 1896.	
		Total ..	346,885	542	11,001	..	357,886	559	....	
North Coimbatore.	Satyamangalam.	Gairmalam	520	..	...	..	520	..	....	
		Vellamundi	12,800	..	..	..	12,800	..	....	
		Gutialatur extension.	5,760	..	..	..	5,760	..	....	
	Talamalai.	Nilgiri eastern slopes.	60,800	..	..	..	60,800	..	....	
		Talamalai	121,600	..	..	..	121,600	..	....	
		Do. extension ..	3,840	..	..	..	3,840	..	....	
	Kollegal.	Chickialur	53,760	..	..	100	53,660	..	....	
		Doddasampagai ..	60,800	..	..	..	60,800	..	....	
		Do. extension.	3,200	..	..	..	3,200	..	....	
	Bhavani.	Burgur (North) ..	119,680	..	..	..	119,680	..	....	
		Do. (South) ..	71,680	..	..	..	71,680	..	....	
		Palamalai	24,320	..	..	..	24,320	..	....	
	Erode ..	Dhárápuram taluk—								
		Sennakalpalaiyam, 2nd bit.	102	..	..	..	102	..	....	
		Sivamalai	93	..	..	..	93	..	....	
		Undarapatti, 1st bit.	117	..	..	..	117	..	....	
		Undarapatti, 2nd bit.	148	..	..	..	148	..	....	
		Settipalaiyam ..	95	..	..	..	95	..	....	
		Tattanmedu	80	..	..	..	80	..	....	
		Yethilamalai ..	65	..	..	..	65	..	....	
		Semmadaparai ..	36	..	..	..	36	..	....	
		Iyempalaiyam ..	116	..	..	..	116	..	....	
		Punjaithalaiyur ..	58	..	..	..	58	..	....	
		Ganapathipalaiyam.	80	..	..	..	80	..	....	
		Selambampalaiyam.	164	..	..	..	164	..	....	
		Kangayampalaiyam.	177	..	..	..	177	..	....	
		Akkaraipalaiyam, 1st bit.	64	..	..	..	64	..	....	
		Akkaraipalaiyam, 2nd bit.	87	..	..	..	87	..	....	
		Manakadavu ..	323	..	..	..	323	..	....	
		Nadukandamedu ..	218	..	..	..	218	..	....	
		Pullakalipalaiyam.	66	..	..	..	66	..	....	
		Kullakalipalaiyam.	87	..	..	..	87	..	....	
		Vellakovil	55	..	..	..	55	..	....	
		Ponnapuram, 1st bit.	272	..	..	..	272	..	....	
		Ponnapuram, 2nd bit.	179	..	..	..	179	..	....	
		Kannimareovil ..	84	..	..	..	84	..	....	

Area of reserved forests, 1895–96—*cont.*

District.	Range.	Name of forest.	Area on 1st July 1895. Acres.	Area on 1st July 1895. Equivalent in square miles.	Added during the year. Acres.	Excluded. Acres.	Area on 30th June 1896. Acres.	Area on 30th June 1896. Equivalent in square miles.	Number and date of notification of addition or exclusion.	Remarks.
		Southern Circle—cont.								
North Coimbatore—*cont.*	Erode—*cont.*	Dhárápuram taluk—*cont.*								
		Pudur	70	..	..	..	70	..	....	
		Attamalai ..	646	..	..	..	646	..	....	
		Manmedu ..	183	..	..	..	183	..	....	
		Ganapathy ..	427	..	..	..	427	..	....	
		Pulikalkaradu ..	419	..	..	..	419	..	....	
		Thalavaipatnam.	407	..	..	..	407	..	....	
		Sennakalpalaiyam, 1st bit.	103	..	..	..	103	..	....	
		Periamanimalai ..	963	..	..	..	963	..	....	
		Punakkal ..	562	..	..	..	562	..	....	
		Manjampatti ..	203	..	..	..	203	..	....	
		Pulamvalasu ..	170	..	..	..	170	..	....	
		Uthiyur	1,024	..	..	..	1,024	..	....	
		Karur taluk—								
		Thalaithupatti ..	59	..	..	..	59	..	....	
		Punjaikalkurichi ..	81	..	..	..	81	..	....	
		Manganur	212	..	..	..	212	..	....	
		Komarapalaiyam ..	112	..	..	..	112	..	....	
		Kakkavadi Pichampatti.	179	..	..	..	179	..	....	
		Tottuvady	193	..	..	..	193	..	....	
		Modukkur	118	..	..	..	118	..	....	
		Nerur	131	..	..	..	131	..	....	
		Karavalli	65	..	..	..	65	..	....	
		Thalapatti	157	..	..	..	157	..	....	
		Vandanmalai .. / Banganmalai ..	1,708	..	..	..	1,708	..	....	
		Molaipalaiyam ..	142	..	..	..	142	..	....	
		Total ..	549,860	..	..	100	549,760	859		
	Tunacaduvu and Pollachi.	No. I, Tunacaduvu reserve, including Tekadi leased forests.	52,480							
	Pollachi ..	No. II, Punachi reserve.	3,140	..	49,698	..	*285,798	..	....	There has been no actual addition to the area of reserved forests during the year. The increase shown is due to the fact that in the returns of last and previous years, the estimated areas only were entered; whereas in this year's report, the surveyed areas as computed by the survey of India is given. The individual areas of the first 12 reserved forests, cannot be given separately, as in the survey of India map they are lumped together in two main blocks.
	Udamalpet.	No. III, Amravati reserve.	47,360							
	Pollachi and Udamalpet.	No. IV, Anamalai reserve.	133,120							
	Bolampatti and Sholakarai.	Bolampatti reserve, No. I.								
	Bolampatti.	Bolampatti reserve, No. II. / Bolampatti reserve, No. III.	47,680							
		Tadagam, No. IV ..	30,720	..	2,551	..	119,232	..	....	
	Mettupalayam.	Gopanari, No. V .. / Kempampalayam, No. VI.	38,200							
		Nellithorai No. VII.								
	Sholakarai.	Small Sholakarai reserve, No. X.	81							
	Mettupalayam.	Odanthorai, No. VIII.	5,880	..	232	..	6,112	..	....	
		Modur, No. IX ..	3,600	..	2,205	..	5,805	..	....	
		Total ..	362,261	566	54,686	..	416,947	651		

* Including Tekadi leased forest, 17,414·4 acres.

Area of reserved forests, 1895–96—*cont.*

District.	Range.	Name of forest.	Area on 1st July 1895. Acres.	Area on 1st July 1895. Equivalent in square miles.	Added during the year. Acres.	Excluded. Acres.	Area on 30th June 1896. Acres.	Area on 30th June 1896. Equivalent in square miles.	Number and date of notification of addition or exclusion.	Remarks.
	Southern Circle—cont.									
Nilgiris.	Mudumalai.	Benne	11,068	..	..	..	11,068	..	....	
		Gadsbrook	230	..	..	..	230	..	....	
		Cherambadi	1,983	..	..	..	1,983	..	....	
		Ammankaval ..	563	..	..	..	563	..	....	
		Benne reserve addition.	123	..	..	..	123	..	....	
	Sigúr ..	Kalhatti slopes ..	8,983	..	..	..	8,983	..	....	
		Ebanad	571	..	..	..	571	..	....	
		Moyar	13,580	..	..	..	13,580	..	....	
		Northern Hay ..	3,998	..	..	..	3,998	..	....	
		Naduvattam	3,411	..	..	..	3,411	..	....	
		Avaraihulla reserve ..	6,425	..	..	..	6,425	..	....	
		Sigúr reserve and additions.	49,484	..	..	..	49,484	..	....	
		Kalmalai	..	..	896	..	896	..	No. 493 of 10th Sept. 1895.	
		Singara reserve addition.	..	..	379	..	379	..	No. 529 of 24th Sept. 1895.	
		Marliamund plantation.	17	..	..	..	17	..	....	
	Ootacamund.	Aramby	430	..	..	..	430	..	....	
		Marliamund	194	..	..	..	194	..	....	
		Cairn hill	559	..	..	..	559	..	....	
		Brooklands	177	..	..	..	177	..	....	
		Lovedale	296	..	..	..	296	..	....	
		Craigmore	299	..	..	..	299	..	....	
		Dodabetta	991	..	..	..	991	..	....	
		Snowdon	1,053	..	..	..	1,053	..	....	
		Jakuntha	373	..	..	..	373	..	....	
		Muthanad	420	..	..	..	420	..	....	
		Governor's shola ..	2,671	..	..	..	2,671	..	....	
		Pykara	1,309	..	..	..	1,309	..	....	
		Sandynullah	818	..	..	..	818	..	....	
		Kengodu	451	..	..	..	451	..	....	
		Karpakam	391	..	..	..	391	..	....	
		Naduvattam slopes ..	1,501	..	..	..	1,501	..	....	
		Vellingiri	643	..	..	..	643	..	....	
		Kadeoopa	1,622	..	..	..	1,622	..	....	
		Mukurti	8,953	..	..	..	8,953	..	....	
		Kundahs	40,379	..	..	..	40,379	..	....	
		Mikkeru	1,267	..	..	..	1,267	..	....	
		Thia shola	1,551	..	..	..	1,551	..	....	
		Hiria shige	2,175	..	..	..	2,175	..	....	
		Devamalai	229	..	..	..	229	..	....	
		Honnathalai	320	..	..	..	320	..	....	
		Fern hill shola ..	10	..	..	..	10	..	....	
		Addition to Fairlawns No. I.	22	..	..	..	22	..	....	
		Addition to Dodabetta ,No. II.	13	..	..	..	13	..	....	
		Addition to Doddahulla.	10	..	..	..	10	..	....	
		Bilikal road	25	..	..	..	25	..	....	
		Red hills	48	..	..	..	48	..	....	
		Bigulihulla	46	..	..	..	46	..	....	
		Yedakad	117	..	..	..	117	..	....	
		Keradamund	276	..	..	..	276	..	....	
		Nanjanad and three additions.	915	..	..	..	915	..	....	
		Hiria shige	851	..	..	..	851	..	....	
		Porthimund reserve..	6,983	..	..	..	6,983	..	....	
		Kundah reserve addition No. I. / Kundah reserve addition No. III. / Kundah reserve addition No. IV.	2,126	..	..	..	2,126	..	....	
		Kunnur reserve ..	14	..	..	..	14	..	....	
		Kengal reserve ..	14	..	..	..	14	..	....	
		Bikkepathimund reserve.	1,945	..	..	..	2,945	..	....	
		Ebbanad reserve addition.	222	..	..	3	219	..	....	
		Belle vue I and II and portion of Caritt shola.	..	..	..	110	— 110	..	No. 807 of 12th Dec. 1895.	

Area of reserved forests, 1895–96—*cont.*

District.	Range.	Name of Forest.	Area on 1st July 1895. Acres.	Area on 1st July 1895. Equivalent in square miles.	Added during the year. Acres.	Excluded. Acres.	Area on 30th June 1896. Acres.	Area on 30th June 1896. Equivalent in square miles.	Number and date of notification of addition or exclusion.	Remarks.
	Southern Circle—cont.									
Coonoor.		Hulikal	6,411	..	..	..	6,411	..	....	
		Ralliah	189	..	..	..	189	..	....	
		Black bridge ..	390	..	..	..	390	..	....	
		Coonoor peak ..	540	..	..	..	540	..	....	
		Lambs rock	708	..	..	..	708	..	....	
		Tiger hill	328	..	..	..	328	..	....	
		Ghat reserve ..	309	..	..	..	309	..	....	
		Hill grove	187	..	..	..	187	..	....	
		Kullar	1,815	..	..	..	1,815	..	....	
		Kotagiri	563	..	..	..	563	..	....	
		Ithalar	460	..	..	..	460	..	....	
		Devashola	215	..	..	..	215	..	....	
		Balakola	935	..	..	..	935	..	....	
		Athigaratti	34	..	..	..	34	..	....	
		Sutton shola ..	52	..	..	..	52	..	....	
		Commandu	993	..	..	..	993	..	....	
		Pembroke	122	..	..	..	122	..	....	
		Nadukaduhalla ..	885	..	..	..	885	..	....	
		Bellumund south ..	137	..	..	..	137	..	....	
		Little Ralliah ..	29	..	..	..	29	..	....	
		Rallia shola ..	30	..	..	..	30	..	....	
		Halakarai	172	..	..	..	172	..	....	
		Billithittu	35	..	..	..	35	..	....	
		Dolphin	65	..	..	..	65	..	....	
		Guernsey	14	..	..	..	14	..	....	
		Kadamalai	15	..	..	..	15	..	....	
		St. Catherines fall ..	124	..	..	..	124	..	....	
		Constantia	35	..	..	..	35	..	....	
		Tattapolliem ..	54	..	..	..	54	..	....	
		Gudakalhulla ..	299	..	..	..	299	..	....	
		Battu Nos. 1 and 2 ..	29	..	..	..	29	..	....	
		Kunnavara addition .	98	..	..	..	98	..	....	
		Kannavatti	16	..	..	..	16	..	....	
		Deepdale	361	..	..	..	361	..	....	
		Gudakal	600	..	..	..	600	..	....	
		Clyffe	33	..	..	..	33	..	....	
		Dodabetta	105	..	..	..	105	..	....	
		Sham rock	43	..	..	..	43	..	....	
		Bikihetti	19	..	..	..	19	..	....	
		Ittakal Nos. 1 and 2 .	21	..	..	..	21	..	....	
		Mavada	211	..	..	..	211	..	....	
		Kuttada Nos. 1 and 2.	29	..	..	..	29	..	....	
		Sundatti	124	..	..	..	124	..	....	
		Kun shola	159	..	..	..	159	..	....	
		Kirkana Nos. 1 and 2.	24	..	..	..	24	..	....	
		Kilatti	17	..	..	..	17	..	....	
		Hadiemund	48	..	..	..	48	..	....	
		Uppatti	53	..	..	..	53	..	....	
		Doddakava	62	..	..	..	62	..	....	
		Ullavanadamund shola.	57	..	..	..	57	..	....	
		Sinnattu shola ..	51	..	..	..	51	..	....	
		Longwood reserve addition No. I.	31	..	..	..	31	..	....	
		Kullar additions Nos. 1 and 2.	72	..	..	..	72	..	....	
		Benhope No. 2 ..	34	..	..	..	34	..	....	
		Kallar	386	..	..	..	386	..	....	
		Honnathalai south ..	214	..	..	..	214	..	....	
		Ballia	382	..	..	..	382	..	....	
		Teppakuchi	115	..	..	..	115	..	....	
		Naduhatti	476	..	..	..	476	..	....	
		Yercuadhulla ..	18	..	..	..	18	..	....	
		Konakarai slopes ..	1,864	..	..	..	1,864	..	....	
		Vagapanai	2,648	..	..	..	2,648	..	....	
		Denad	2,073	..	..	..	2,073	..	....	
		Madanad	723	..	..	..	723	..	....	
		Kedanad valley ..	294	..	..	..	294	..	....	
		Nidugula	89	..	..	..	89	..	....	
		Longwood addition No. II.	31	..	..	..	31	..	....	
		Jakkanari slopes ..	6,419	..	..	..	6,419	..	....	
		Pakasuramalai ..	625	..	..	35 cents.	625	..	No. 585 of 23rd Oct. 1895.	
		Pillur shola	39	..	..	..	39	..	....	
		Kulear	226	..	..	..	226	..	....	
		Sutton shola addition.	38	..	..	..	38	..	....	

Area of reserved forests, 1895–96—*cont.*

District.	Range.	Name of forest.	Area on 1st July 1895. Acres.	Area on 1st July 1895. Equivalent in square miles.	Added during the year. Acres.	Excluded. Acres.	Area on 30th June 1896. Acres.	Area on 30th June 1896. Equivalent in square miles.	Number and date of notification of addition or exclusion.	Remarks.
	Southern Circle—cont.									
Nilgiris—*cont.*	Coonoor—*cont.*	Thaimalai shola ..	50	..	..	..	50	..	....	
		Tudur shola	24	..	..	..	24	..	....	
		Osatti	152	..	..	..	152	..	....	
		Ralliah reserve addition.	3	..	..	..	3	..	....	
		Commandu reserve addition.	32	..	..	..	32	..	....	
		Teppakuchi addition .	4	..	..	..	4	..	....	
		Pillar slopes and addition.	3,427	..	..	..	3,427	..	....	
		Kolakombe	753	..	..	..	753	..	....	
		Malur slopes ..	4,553	..	..	..	4,553	..	....	
		Koderu	21	..	..	..	21	..	....	
		Ithalar reserve addition.	..	..	12	..	12	..	No. 481 of 10th Sept. 1895.	
		Total ..	227,268	355	1,287	113	228,442	357	....	
North Malabar.	Chedaleth.	Kuppadi	7,337	..	..	..	7,337	..	....	
		Kurchiyat	18,054	..	..	..	18,054	..	...	
		Rampur	18,855	..	..	..	18,855	..	....	
		Nulpoya	3,613	..	..	..	3,613	..	....	
		Mavanhulla	12,577	..	..	..	12,577	..	....	
	Trans Beni.	Begur	15,366	..	..	..	15,366	..	....	
		Aduvankunnu ..	39	..	..	..	39	..	....	
	Begur Padri.	Kudrakode	20,241	..	..	* 579	19,662	..	....	
		Ondangadi	400	..	..	..	400	..	....	
		Aduvankunnu (extension).	21	..	..	..	21	..	....	
		Kuruva (Padri extension).	..	..	367	..	367	..	....	
		Kallur..	..	..	2,096	..	2,096	..	No. 58 of *Fort St. George Gazette*, dated 4th Feb. 1896.	
	Chedaleth.	Edathorai	..	..	602	..	602	..	No. 634 of *Fort St. George Gazette*, dated 11th Dec. 1895.	
		Muthanga	..	..	323	..	323	..	No. 138 of *Fort St. George Gazette*, dated 24th Mar. 1896.	
		Alathur	..	..	1,250	..	1,250	..	No. 58 of *Fort St. George Gazette*, dated 4th Feb. 1896.	
		Ponkuli	..	..	160	..	160	..	No. 535 of *Fort St. George Gazette*, dated 1st Oct. 1895.	
		Total ..	96,503	151	4,798	579	100,722	157		
South Malabar.	Nilambur.	Amarampalem reserve.	474	..	..	..	† 474	..	....	
		Chathomporai reserve.	700	..	..	..	‡ 700	..	....	
	Amarampalam.	Karimpoya reserve ..	3,955	..	..	..	† 3,955	..	....	
		Nellicutta reserve ..	1,824	..	..	..	‡ 1,824	..	....	
	Palghat ..	Walayar reserve ..	3,017	..	..	..	† 3,017	..	....	
		Chenat Nair reserve..	15,203	..	..	..	§ 15,203	..	....	
		Total ..	25,173	..	..	..	25,173	39		
South Canara.	Coondapoor.	Sabladi	208·00	..	..	..	208·00	..	....	
		Kasanakatte	262·06	..	..	..	262·06	..	....	
		Harkur	857·56	..	..	..	857·56	..	....	
		Talaburane	610·85	..	..	..	610·85	..	....	
		Gundaber pare ..	2,177·78	..	..	..	2,177·78	..	....	
		Jennal ane	657·25	..	..	..	657·25	..	....	
		Korakoppada hola ..	432·56	..	..	..	432·56	..	....	
		Harmannu	638·80	..	..	..	638·80	..	....	
	Udipi ..	Ajjar kadu	160·0	..	..	..	160·0	..	....	
		Pilar kan	320·0	..	..	..	320·0	..	....	
		Chinkramale	2,560·0	..	..	..	2,560·0	..	....	

* Disafforested *Fort St. George Gazette*, dated 12th May 1896. † Purchased outright. ‡ Leased forests. § Escheat land

Area of reserved forests, 1895–96—*cont.*

District.	Range.	Name of Forest.	Area on 1st July 1895. Acres.	Area on 1st July 1895. Equivalent in square miles.	Added during the year. Acres.	Excluded. Acres.	Area on 30th June 1896. Acres.	Area on 30th June 1896. Equivalent in square miles.	Number and date of notification of addition or exclusion.	Remarks.
	Southern Circle—cont.									
South Canara—*cont.*	Udipi—*cont.*	Manaje kadu ..	422·73	..	..	..	422·73	..	....	
		Durga male	1,601·24	..	..	..	1,601·24	..	....	
		Andar reserve ..	22,334·40	..	..	..	22,334·40	..	....	
		Tenka hola	2,038·74	..	..	..	2,038·74	..	....	
	Mangalore.	Chembugudde ..	75·0	..	..	..	75·0	..	....	
		Kuttyar	25·0	..	..	..	25·0	..	....	
		Poitaje Kayarpalla ..	96·0	..	..	..	96·0	..	....	
		Ullal Casuarina and Honne Plantation.	57·11	..	..	..	57·11	..	....	
		Tannirbhavi	69·99	..	..	..	69·99	..	....	
		Hosabettu	376·01	..	..	..	376·01	..	....	
		Todar	457·75	..	..	..	457·75	..	....	
		Muji male	3,200·0	..	..	..	3,200·0	..	....	
	Puttur ..	Shiradi sisla	19,200·0	..	..	..	19,200·0	..	....	
		Bhagi male	6,400·0	..	..	..	6,400·0	..	....	
		Dharmastal mundaje.	4,996·70	..	..	..	4,996·70	..	....	
	Kasaragod ..	Parappa	2,560·0	..	..	..	2,560·0	..	....	
		Total ..	72,795·53	114	..	..	72,795·53	114	....	

FORM No. 45.

Forest Department.

STATEMENT showing the Progress made in, and the expenditure incurred on, Forest Settlements during 1895–96.

Name of forest district.	Area already settled at commencement of the year.	Areas finally settled during the year.						Areas undergoing settlement.						Remarks.
		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.	At commencement of the year.		Taken in hand during the year.		Expenditure incurred during the year on areas undergoing settlement.		
					In forest accounts.	In other accounts.		Name of tract.	Area in square miles.	Name of tract.	Area in square miles.	In forest accounts.	In other accounts.	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
							Northern Circle.							
	SQ. MLS.				RS.	RS.	RS. A. P.					RS.	RS.	
Ganjám ..	136	....	....	..	..	..	..	Kaliamba	8	Kuddapada	6	* 8,286	..	
								Teliki	24	....	..	..	..	
								Baiballi	34	....	..	..	..	
								Darpangia	25	....	..	..	..	
								Gullery	37	....	..	..	..	
								Ambozora	50	....	..	..	..	
								Chodiapalli	1	....	..	..	..	
								Gundribadi and extensions ..	34	....	..	..	..	
								Gogodo	24	....	..	..	..	
								Paichalia	22	....	..	..	..	
								Brahmanosai	13	....	..	..	..	
								Kurcholi	9	....	..	..	..	
								Kriamba	36	....	..	..	..	
								Sandosalia	3	....	..	..	..	
								Bodochendana	1	....	..	..	.	
								P'angidi	1	....	..	..	..	
								Rogada	25	....	..	..	..	
								Dowgam	4	....	..	..	..	
								Pippalapanka	12	....	..	..	..	
								Mundapetta	11	....	..	..	..	
								Hukuma	7	....	.	..	..	
								Raipada	10	....	..	..	..	
								Dheppaguda	2	....	..	..	..	
								Ramagoda	10	....	..	..	..	
								Bainamari	6	....	..	..	..	
								South Mohiri	6	....	..	..	..	
								Rankuhunumanthapuram ..	2	....	..	..	..	
								Chatrapuram	1	....	..	..	..	
								Podra	1	....	..	..	..	
								Napier's park .. .. .. / Agasti Nowgam	1	....	..	..	..	
								Total ..	† 420		6	8,286	..	
								Kadagandi	15	....	..	17	..	
								Dharakonda	73	....	..	50	..	
								Bharnakonda	26	....	..	..	..	
								Sinnivaram	49	....	..	..	..	
								Bointi	51	....	..	..	..	
								Total ..	214			67	..	
								Tirumalayapaliem	14	....	..			
								Upputeru	16	....	..			
								Kandikuppa	14	....	..			
								Jilugumilli	5	....	..			
								Dharbhagudem	3	....	..	816	..	
								Marlagudem	4	....	..			
								Beddadavole	24	....	..			
								Kopalli	30	....	..			
								Kovada	30	....	..			
								Papikonda	33	....	..			
								Total ..	173		..	816	..	
Vizagapatam.	58	No. 53, dated 3rd February 1896.	Antikonda .. .. .. / Peddabolla	11	320	..	..	Bandar Fort Extension No. I..	1	Gudimetla	2	..	..	
		No. 288, dated 18th May 1895.	Vemagiri	2	..	..	..	Adavuladivi Extension No. I..	..	Janapad	5	..	..	
		No. 25, dated 20th January 1896.	Karakakonda .. .. .. / Chinnakaraka	10	..	..	..	Do. parra	8	Narasayapalem extension 1 ..				
		No. 352, dated 12th June 1895.	Madalammakonda	5	..	..	..							
			Total ..	28	320	..	11 7 0							
Gódávari ..	521	No. 289, Rev., dated 18th May 1895.	Ramasaram	2	..	..	..							
		No. 183, Revenue, dated 1st April 1896.	Doramamidi	10	..	..	..							
			Veerabhadrapuram	7	..	..	..							
			Jaddangi	9	..	..	..							
			Annavaram	13	..	..	..							
			Pedagurangi	6	..	..	..							
			Lingamparti	10	..	..	..							
			Lakkonda	20	..	..	..							
		No. 66, Rev., dated 10th Feb. 1896.	Dewancheruvu	3	..	..	..							
		No. 40, Rev., dated 28th January 1896.	Walsugri	10	..	..	..							
		No. 812, Rev., dated 16th December 1895.	Nallacherla	13	..	..	..							
		No. 178, Rev., dated 27th April 1896.	Rekapalli hills	146	..	..	..							
			Total ..	249	..	..	..							
Kistna	643	No. 218, dated 28th May 1896.	Gannavaram	3		..	..							
		No. 233, dated 4th June 1896.	Dachepalli	1	..	..	..							

* Represents expenditure of the Forest-Settlement-office from November 1895 to June 1896.
† Excludes 21 blocks of about 20 square miles abandoned during the year.

FORM No. 45.

Forest Department.

STATEMENT showing the Progress made in, and the expenditure incurred on, Forest Settlements during 1895–96.

Name of forest district.	Area already settled at commencement of the year.	Areas finally settled during the year.						Areas undergoing settlement.						Remarks.
		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.	At commencement of the year.		Taken in hand during the year.		Expenditure incurred during the year on areas undergoing settlement.		
					In forest accounts.	In other accounts.		Name of tract.	Area in square miles.	Name of tract.	Area in square miles.	In forest accounts.	In other accounts.	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
														Northern Circle.
	SQ. MLS.				RS.	RS.	RS. A. P.					RS.	RS.	
Ganjám ..	136	....	....	..	..	..	..	Kaliamba	8	Kuddapada	6	* 8,286	..	
								Teliki	24	....	..	..	..	
								Baiballi	34	....	..	..	..	
								Darpangia	25	....	..	..	..	
								Gullery	37	....	..	..	..	
								Ambozora	50	....	..	..	..	
								Chodiapalli	1	....	..	..	..	
								Gundribadi and extensions ..	34	....	..	..	..	
								Gogodo	24	....	..	..	..	
								Paichalia	22	....	..	..	..	
								Brahmanosai	13	....	..	..	..	
								Kurcholi	9	....	..	..	..	
								Kriamba	36	....	..	..	..	
								Sandosalia	3	....	..	..	..	
								Bodochendana	1	....	..	..	..	
								Pangidi	1	....	..	..	..	
								Rogada	25	....	..	..	..	
								Dowgam	4	....	..	..	..	
								Pippalapanka	12	....	..	..	..	
								Mundapetta	11	....	..	..	..	
								Hukuma	7	....	..	..	..	
								Raipada	10	....	..	..	..	
								Dheppaguda	2	....	..	..	..	
								Ramagoda	10	....	..	..	..	
								Bainamari	6	....	..	..	..	
								South Mohiri	6	....	..	..	..	
								Rankuhunumanthapuram ..	2	....	..	..	..	
								Chatrapuram	1	....	..	..	..	
								Podra	1	....	..	..	..	
								Napier's park .. .. .. } Agasti Nowgam	1	....	..	..	..	
								Total ..	† 420		6	8,286	..	
Vizagapatam.	58	No. 53, dated 3rd February 1896.	Antikonda	11	320	..	..	Kadagandi	15	....	..	17	..	
			Peddabolla					Dharakonda	73	....	..	50	..	
		No. 288, dated 18th May 1895.	Vemagiri	2	..	..	..	Bharnakonda	26	....	..	..	..	
		No. 25, dated 20th January 1896.	Karakakonda	10	..	..	..	Sinnivaram	49	....	..	..	..	
			Chinnakaraka					Bointi	51	....	..	..	..	
		No. 352, dated 12th June 1895.	Madalammakonda	5	..	..	..							
								Total ..	214			67	..	
			Total ..	28	320	..	11 7 0							
Gódávari ..	521	No. 289, Rev., dated 18th May 1895.	Ramasaram	2	..	..	..	Tirumalayapaliem	14	....	..			
								Upputeru	16	....	..			
								Kandikuppa	14	....	..			
								Jilugumilli	5	....	..			
								Dharbhagudem	3	....	..	816	..	
								Marlagudem	4	....	..			
								Beddadavole	24	....	..			
								Kopalli	30	....	..			
								Kovada	30	....	..			
								Papikonda	33	....	..			
								Total ..	173		..	816	..	
		No. 183, Revenue, dated 1st April 1896.	Doramamidi	10	..	..	..							
			Veerabhadrapuram	7	..	..	..							
			Jaddangi	9	..	..	..							
			Annavaram	13	..	..	..							
			Pedagurangi	6	..	..	..							
			Lingamparti	10	..	..	..							
			Lakkonda	20	..	..	..							
		No. 66, Rev., dated 10th Feb. 1896.	Dewancheruvu	3	..	..	..							
		No. 40, Rev., dated 28th January 1896.	Walsugri	10	..	..	..							
		No. 812, Rev., dated 16th December 1895.	Nallacherla	13	..	..	..							
		No. 178, Rev., dated 27th April 1896.	Rekapalli hills	146	..	..	..							
			Total ..	249	..	..	..							
Kistna	643	No. 218, dated 28th May 1896.	Gannavaram	3		..	..	Bandar Fort Extension No. I..	1	Gudimetla	2	..	..	
		No. 233, dated 4th June 1896.	Dachepalli	1	..	..	..	Adavuladivi Extension No. I..	..	Janapad	5	..	..	
								Do. parra	8	Narasayapalem extension 1 ..				

* Represents expenditure of the Forest-Settlement-office from November 1895 to June 1896.
† Excludes 21 blocks of about 20 square miles abandoned during the year.

Statement showing the Progress made in, and the expenditure ncurred on, Forest Settlements during 1895–96—*cont.*

Name of forest district.	Area already settled at commencement of the year.	Areas finally settled during the year.						Areas undergoing settlement.						Remarks.
		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.	At commencement of the year.		Taken in hand during the year.		Expenditure incurred during the year on areas undergoing settlement.		
					In forest accounts.	In other accounts.		Name of tract.	Area in square miles.	Name of tract.	Area in square miles.	In forest accounts.	In other accounts.	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
							Northern	*Circle*—cont.						
Kistna—*cont.*	SQ. MLS. 643				RS.	RS.	RS. A. P.				ACS.	RS.	RS.	
		No. 423, dated 5th July 1895.	Boggaram	..	..	..	..	Amudalapalli	2	Narasayapalem Extension No. II.				
		No. 501, dated 31st July 1895.	Bollapalli Extension No. VI ..	1	..	..	..	Potumerakapara	16	Tummurukodu.	3	543	..	
		No. 68, dated 11th February 1896.	Kakirala Extension No. VI ..	3	..	..	..	Nizampatam	10	Block No. IV.				
		No. 94, dated 3rd March 1896.	Ramudupalem	1	..	..	..	Bapatla Extension No. III ..	1	Do. ,, V.				
		No. 135, dated 20th March 1896.	Bollapalli Extension No. V ..	1	..	..	..	Kothur do. ,, I ..	1	Bandar Forest Extension No. II	1	..	..	
		No. 147, dated 30th March 1896.	Nayanipalem Block No. II ..	2	..	..	..	Gollapudi	2	....	..	..	..	
		No. 226, dated 2nd June 1896.	Do. do. No. I ..					China Palakalur Extension No. II.	..	....	..	..	..	
		No. 642, dated 23rd September 1895.	Mutukur Extension No. II ..	1	..	..	..	Kandipad	2	....	..	..	..	
		No. 287, dated 12th June 1896.	Do. do. No. IV ..	5	..	..	..	Takkellapad						
								Krosur						
								Bollapalli Extension No. I ..	8	....	..	..	..	
								Do. ,, II ..	11	....	..	..	..	
								Do. ,, III..	5	....	..	..	..	
								Do. ,, VIII.	3	....	..	..	..	
								Vinukonda	13	....	..	..	..	
								Kolalapudi						
								Putsanutula	1	....	..	..	..	
								Yellamanda	2	....	..	..	..	
								Narsayapalem	3	....	..	..	..	
								Yelchur						
								Nagarazupalli	1	....	..	..	..	
								Guttikonda Extension No. I..	2	....	..	..	..	
								Do. ,, II.						
								Andugulapad	4	....	..	..	..	
								Ainavolu						
								Guttikonda Extension No. VI.	5					
								Do. ,, VII.						
								Karlakunta	..					
								Mutukur Extension No. III ..	4	....	..	..	..	
								Do. ,, IV ..	5	....	..	..	..	
								Pasvemula Extension No. I ..	8	....	..	..	..	
								Do. ,, II ..						
								Do. ,, III.						
								Do. ,, IV.						
								Tummurkodu No. II	5	....	..	..	..	
								Darvemula	2					
								Atmakur						
								Kambhampad						
								Veldurti	7					
			Totol ..	18	..	..	..	Total ..	132		..	11	..	..
Kurnool ..	1,737	No. 743, dated 14th November 1895.	Sirvel reserve, Addition No. I.	3	20	..	..	North Dhone	22	....		..	176	..
		No. 738, dated 14th November 1895.	Kappatralla	5	20	..	..	Pendekallu	4	....		..	20	..
		No. 99, dated 4th March 1896.	Karumanchi	2	35	..	..	Katarukonda	5	....		..	..	..
								Gundlakonda	7	....		..	20	..
								Peddapaya	5	....		..	..	..
								Sirvel Addition No. II. ..	25	....		..	..	..
								Do. No. III. ..	18	....		..	..	..
								Jaladurgam	28	....		..	..	..
								Yerrakondapalem	16	....		..	20	..
								Tamballapalli	3	....		..	..	..
								Tokapalli	2	....		..	..	..
								Mundlapad	1	....		..	60	..
								Ganapavaram	23	....		..	180	..
								Millampalli	6	....		..	90	..
								Kamalapuram	3	....		..	90	..
								Uyyalavada addition	33	...		..	280	..
								Velugode	69	....		..	..	..
								Maduva	1	....		..	..	..
								Ambavaram	16	....		..	90	..
								Somidevipalli	18	....		..	90	..
								Betamcherla	16	....		..	96	..
								Pyalakurti	1	....		..	..	..
								....	..	Jonnagiri	1	34	..	
								Nandyal Addition No. I ..	11	....		..	..	..
								Do. ,, II ..	20	....		..	..	..
			Total ..	10	75	..	7 8 0	Total ..	353			1	1,246	..

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Statement showing the Progress made in, and the expenditure incurred on, Forest Settlements during 1895–96—*cont.*

Name of forest district.	Area already settled at commencement of year.	Areas finally settled during the year.						Areas undergoing settlement.						Remarks.
		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. In forest accounts.	Expenditure incurred during the year on areas finally settled. In other accounts.	Entire cost per square miles of areas finally settled during the year.	At commencement of the year. Name of tract.	At commencement of the year. Area in square miles.	Taken in hand during the year. Name of tract.	Taken in hand during the year. Area in square miles.	Expenditure incurred during the year on areas undergoing settlement. In forest accounts.	Expenditure incurred during the year on areas undergoing settlement. In other accounts.	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
							Northern							
	SQ. MLS.				RS.	RS.	RS.					RS.	RS.	
Bellary ..	360	No. 798, dated 5th December 1895.	Udegolam	0·7	*Nil*...	..	..	Kosigi	4·4	....	..	..	..	Columns 7, 8 and 14 are not filled up as some of the Forest Settlement-officers have not yet given the required information.
		No. 107, dated 7th March 1896.	Veerapuram B	5·4				Kuppagallu	7·2	....	..	..	..	
		Govt Notification No. 378, dated 16th July 1895.	Mecheri	2·4				Neraniki	15·9	....	..	7	..	
		No. 633, dated 16th September 1895.	Mallapuram	2·4				....	..	Molagavalli	2	..	..	
		No. 543, dated 13th August 1895.	Sulekeri	2·1				....	..	Kodalu	2	..	..	
		No. 772, dated 27th November 1895.	Tungabhadra	4				....	..	Ubbalagandi	3	..	..	
		No. 567, dated 20th August 1895.	Kadimatla A and B	3·1				....	..	Marutla	5	..	..	
		No. 515, dated 6th August 1895.	Kadabur	4										
		No. 149, dated 1st April 1896.	Belagallu	1·1										
		No. 67, dated 11th February 1896.	Noulikallu A and B	1·3										
		No. 557, dated 15th August 1895.	Bellekallu W.	5										
		No. 687, dated 1st October 1895.	Gudekota	11										
		No. 441, dated 12th July 1895.	Alagilavada Extension ..	2·7										
		No. 644, dated 23rd September 1895.	Garbhagadi	1·1										
		No. 402, dated 7th June 1895.	Almarshikeri	1·7										
		No. 396, dated 5th June 1895.	Harivi	1										
			Total ..	49					27·5		12	7	..	
Anantapur ..	380	No. 62, dated 8th February 1896.	Kanumpalli	3	..	..	..	Golla	11	Durgam Extension	9	1,051	..	
		No. 568, dated 20th August 1895.	Muchukota	34	..	..	..	Yemmihatti	5	Kalagira				
		No. 591, dated 2nd November 1895.	Shiripi	1	..	..	..	Pillaballi	6	....	..			
		No. 61, dated 8th February 1896.	Gundumala	8	..	..	..	Iydukallu	7	....	..			
		No. 77, dated 15th February 1896.	Madakasira, North	5	..	..	..	Shetturú	2	....	..			
		No. 127, dated 19th March 1896.	Yerracherla	2	..	..	..	Iyampalli	7	....	..			
		No. 117, dated 16th March 1896.	Sankarakallu, South	2	..	..	..	Kondepalli	10	....	..			
			Total ..	55	..	..	..	Khyreva	3	....	..			
								Narasampalli	3	....	..			
								Ratnagiri	14	....	..			
								Hottebetta, North						
								Do. South						
									68		9	1,051	..	
							Central							
Cuddapah ..	1,250	No. 269, dated 15th May 1895.	Marriutla	285	..	..	..	Palakonda	529	Palakonda extensions	132	2,155	..	Columns 6, 7, 13 and 14 are not filled in as it is not feasible to divide the amount spent on Forest Settlement "on areas finally settled" and "on areas undergoing Settlement."
		No. 304, dated 27th May 1895.	Idupulapaya					Wongimalla		Konurajupalli extension ..				
			Redlacheruvu					Lankamalais extension ..		Chitvel extension				
			Ganganapalli					Vedurur		Kanchala morram extension ..				
		No. 351, dated 12th June 1895.	Kottakota					Horsleykonda extension ..		....	..			
			Dasaripalli					Ganugapenta extension ..		....	..			
		No. 390, dated 22nd June 1895.	Sorakayalupet extension ..					Voruvoi		....	..			
		No. 551, dated 13th August 1895.	Polimyarapalli					Sancherla extension		....	..			
		No. 558, dated 15th August 1895.	Yerrakonda extension ..					Nigadi extension		....	..			
		No. 623, dated 9th September 1895.	Hasanapuram					Kalasapaud extension		....	..			
								Chennupalli		....	..			
								Tummalur extension		....	..			
								Yerrappakonda		....	..			
								Kottakota		....	..			
								Dasaripalli extensions		....	..			

Statement showing the Progress made in, and the Expenditure incurred on, Forest Settlements during 1895–96—*cont.*

Name of Forest district.	Area already settled at commencement of year.	Areas finally settled during the year.						Areas undergoing settlement.						Remarks.
		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.	At commencement of the year.		Taken in hand during the year.		Expenditure incurred during the year on areas undergoing settlement.		
					In forest accounts.	In other accounts.		Name of tract.	Area in square miles.	Name of tract.	Area in square miles.	In forest accounts.	In other accounts.	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
	SQ. MLS.				RS.	RS. A. P.	RS. A. P.					RS.	RS. A. P.	
Cuddapah—*cont.*	..	No. 719, dated 2nd November 1895.	Reddipalli extension	..	..	..	..	Kavalakuntla extension ..	529					
		No. 739, dated 14th November 1895.	Idupulapaya Palmyra plantation.					Idupulapaya extension ..						
		No. 69, dated 11th February 1896.	Mudampaud slopes					Ganganapalli extension ..						
		No. 93, dated 3rd March 1896.	Pallavol					Yellutla extension						
		No. 92, dated 3rd March 1896.	Chapaud					Marella extension						
		No. 91, dated 3rd March 1896.	Kavalakuntla extension ..					Sangasamudram						
								Gandlur						
								Marripaud						
								Seshachalam extension ..						
								Kutúgulla extension						
								Vontimitta extension						
			Total ..	..	..	..	..		529		132	2,155	..	
Nellore ..	417	No. 472, dated 20th July 1895.	Kallurupad	1	..	..	..	Veligundla	1	Chelamcherla extension ..	9	..	..	
		No. 586, dated 28th August 1895.	Veerapalli	1	..	..	..	Munubolupad extension ..	1	Duttalur				
		Do. do.	Chemededepad B	1	..	..	..	Bhimavaram	1	Repur Veligunda extension A.	15	..	..	
		Do. do.	Chevur					Chakicherla, North	1	Do. do. B.				
		No. 612, dated 6th September 1895.	Karedu	2	..	..	..	Udayagiri Veligondas	94	Do. do. C.				
								Sriharikota proper	40	Veminabhi extension	1	..	..	
								Do. minor	6	Pottukonda extension ..				
		No. 604, dated 4th September 1895.	Chemededepad A	1	..	..	..	Bayilacheruvalla	1					
		No. 603, dated 4th September 1895.	Mocherla	1½	..	..	..	Dubagunta Ragavolu	6					
								Abbasahebpeta Gudipad Pedda Annalur.						
		No. 815, dated 16th December 1895.	Potlur	1	..	..	..	Abbasahebpeta Gudipad, West.	1					
								Yedavalli	1					
		No. 37, dated 23rd January 1896.	Gudlur, South	2	..	..	..	Anantasagaram A	3					
								Do. B	1					
		No. 125, dated 19th March 1896.	Chagallu C	½	..	..	..	Peramannakondur	1					
								Mahimmalur	17					
		No. 397, dated 25th June 1895.	Kavali extension	2	..	..	..	Gavaravaram	11					
		No. 586, dated 28th August 1895.	Budamagunta											
		No. 125, dated 19th March 1896.	Bitragunta extension	1	..	..	..							
		Do. do.	Narayanapuram extension ..											
		No. 39, dated 23rd January 1896.	Sangam	5	..	..	..							
		No. 611, dated 6th September 1895.	Ragavalu Punugodu											
			Total ..	19	..	405 14 0	21 5 10		186		25	..	4,608	
Chingleput..	197	No. 836, dated 24th December 1895.	Acharavakam	2	..	..	..	Ugumudy extension No. V ..	11	Kattur extension No. III..	3	..	..	
		No. 841, dated 30th December 1895.	Gudalur	1	..	..	..	Do. do. No. VI..		Tandrai do. „ I..				
				3				Mudiyur		Kovilpidagai do. „ I..				
								Mylapur extension No. I ..		Nanmangalam do. „ I..				
								Vallam extension No. III ..		Do. do. „ II..				
								Perumbakkam A extension No. I.		Do. do. „ III..				
										Thirumalavoyal do. „ II..				
								Thirumani extension No. I ..						
								Do. No. II ..						
								Vallam extension No. II ..						
								Appur extension No. IV ..						
								Vandalur extension No. I ..						
								Puliyur						
								Melamaiyur		....	..	..	..	
								Tandalam B						
								Koliyalam						
								Senkunram extension No. I ..						
								Alappakkam extension No. I.						
								Poraiyur						
								Vandalur extension No. III ..						
								Total ..	11		3	..	..	

Circle.

Statement showing the Progress made in, and the expenditure incurred on, Forest Settlements during 1895–96—*cont.*

Name of forest district.	Area already settled at commencement of year.	Areas finally settled during the year.						Areas undergoing settlement.						Remarks.
		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.	At commencement of the year.		Taken in hand during the year.		Expenditure incurred during the year on areas undergoing settlement.		
					In forest accounts.	In other accounts.		Name of tract.	Area in square miles.	Name of tract.	Area in square miles.	In forest accounts.	In other accounts.	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
							Central Circle—cont.							
	SQ. MLS.				RS.	RS.	RS.						RS.	
North Arcot.	966	No. 737, dated 14th November 1895.	Bommasamudram extension ..	2	..	..	..	Reddigunta	4	Peddur extension	15	..	..	
		No. 132, dated 20th March 1896.	Kinatipalle extension ..	2	..	..	..	Chases Hill	3	Musali madugu	3	1,945	..	
		No. 150, dated 1st April 1896.	Basavapalle extension ..	1	..	..	..	Parapumalai	2	Thondapantangal	1	..	..	
		No. 742, dated 14th November 1895.	Konjanur	4	..	..	..	Putramadi or Iralla	5	Nambedu extension				
		No. 342, dated 8th June 1895.	Kaniambady	2	..	..	..	Penamur extension	6	....	..	..	..	
		No. 556, dated 15th August 1895.	Appukal or Arasampet ..	1	..	..	..	Santhapet extension	4	....	..	..	..	
		No. 682, dated 14th October 1895.	Karuthamalai	19	..	..	..	Paradarami extension ..	5	....	..	..	..	
								Pakala	4	....	..	..	..	
								Palmaner	3	....	..	..	..	
								Pattikonda	7	....	..	..	..	
								Jangalapalle	3	....	..	..	..	
								Synagunta extension	7	....	..	..	..	
								Pallelacuppam extension ..	10	....	..	..	..	
								Kampasamudram	3	....	..	..	..	
								Gundlapalle	1	....	..	..	..	
								Pallelacuppam extension ..	..	....	..	..	..	
								Bathulapalle	1	....	..	..	..	
								Bomminaikapaliem	1	....	..	..	..	
								Kallapadi	10	....	..	..	..	
								Sanankuppam	9	....	..	..	..	
								Solavaram extension	1	....	..	..	..	
			Total ..	31	..	..	..	Total ..	89		19	1,945	..	
South Arcot.	464	No. 275, Rev., dated 15th May 1895.	Kannamadai	7	..	..	..	Ponniar *	78	Damarakadu	9	4,525	..	
		No. 290, Rev., dated 18th May 1895.	Valasamalai	19	..	..	..	Pinjur	14	Pichavaram extension ..	1			
		No. 473, Rev., dated 20th July 1895.	Pumalai	5	..	..	..	Mannurmangalam	6	Melkondalapadi topes				
		No. 56, Rev., dated 6th Feb. 1896.	Ravandavadi	21	..	..	..	Eraiyurmalai	9	....	..			
		No. 41, Rev., dated 28th Jan. 1896.	Thachampattu	3	..	..	..	Uchimalai	5	....	..			
		No. 302, Rev., dated 27th May 1895.	Melsevur first bit	1	..	..	..	Rayandapuram	11	....	..			
		No. 658, Rev., dated 1st October 1895.	Thandavasamudram	1	..	..	..	Sorakolattur	12	....	..			
		No. 425, Rev., dated 5th July 1895.	Doni Durai, North	..	..	..	..	Padipallam	6	....	..			
		No. 773, Rev., dated 27th Nov. 1895.	Periyakuppam	2	..	..	..	Pakkamalai	23	....	..			
		No. 419, Rev., dated 4th July 1895.	Adivarahanallore	1	..	..	..	Annamangalam	1	....	..			
		No. 383, Rev., dated 22nd June 1895.	Velandai	1	..	..	..	Perumpugai	1	....	..			
		No. 487, Rev., dated 24th July 1895.	Kallamedu	2	..	..	..	Samimalai 1st bit	6	....	..			
		No. 641, Rev., dated 20th Sept. 1895.	Oddampattu					Kunjaram	8	....	..			
		No. 38, Rev., dated 23rd January 1896.	Sengamedu	1	..	..	..	Takarai	24	...	..			
		No. 26, Rev., dated 20th January 1896.	Solavandipuram	1	..	..	..	Rishivandiyam	9	....	..			
		No. 221, Rev., dated 20th April 1895.	Lachiyam	1	..	..	..	Kaduvanur	8	....	..			
		No. 353, Rev., dated 12th June 1895.	Sittalur	1	..	..	..	Aviriyur	8	....	..			
		No. 549, Rev., dated 13th August 1895.	Indali	2	..	..	..	Odanyanachi	1	....	..			
		No. 548, Rev., dated 13th August 1895.	Puttai	1	..	..	..	Ravathanallore	2	....	..			
								Marur	2	....	..			
								Melpalunkur	7	....	..			
								Settiyandal	1	....	..			
								Tachur	3	....	..			
								Pusapadi	3	....	..			
								Thottapadi	3	....	..			
								Kammapuram	3	....	..			
								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 incurred on, Forest Settlements during 1895–96—*cont.*

Name of forest district.	Area already settled at commencement of year.	Areas finally settled during the year.						Areas undergoing settlement.						Remarks.
		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. In forest accounts.	Expenditure incurred during the year on areas finally settled. In other accounts.	Entire cost per square mile of areas finally settled during the year.	At commencement of the year. Name of tract.	At commencement of the year. Area in square miles.	Taken in hand during the year. Name of tract.	Taken in hand during the year. Area in square miles.	Expenditure incurred during the year on areas undergoing settlement. In forest accounts.	Expenditure incurred during the year on areas undergoing settlement. In other accounts.	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
								Circle—cont.						
					RS.	RS.	RS. A. P.					RS.	RS.	
South Arcot —*cont.*	SQ. MLS. 464		*Central*											
		No. 691, Rev., dated 22nd October 1895.	Varanjaram	1	..	..	..	....	..	....	..	..	..	
		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	..	..	..	Kombur	4	Kappathu extension	8	..	..	
		No. 139, dated 23rd March 1896.	Medugampalli, 2nd part ..					Bathamala extension	3	Kachuvadi				
								Alavamalai do.	7	Sengadu	2	..	..	
								Munnakal	2	Shelur	28	..	..	
Salem ..	1,089	No. 218, dated 18th April 1895.	Elavambadi	6	..	..	..	Odiathur, West	3	Jambuthu extension	1	..	..	
								Mavar	3	Ubbarani	19	..	..	
		No. 317, dated 28th May 1895.	Kavuramalai extension ..	5	..	..	..	Pattimedu extension	3	Poongulam south-west ..	2	..	..	
								Onnakarai	6	Kachuvadi extension				
		No. 500, dated 31st July 1895.	Maharajagadai	11	..	..	..	Parunthukal	2	Nochiguddai	4	..	..	
								Morapur	9	Vedampatti	2	..	..	
		No. 577, dated 23rd August 1895.	Bonthical	1	..	..	..	Oblinaikenpatti	3	Ponnagarapatti	6	..	..	
								Uuttangarai	5	Poongulam western extension.	2	..	..	
		No. 579, dated 23rd August 1895.	Vellakuttai	2	..	..	..	Kottipalli	5	Vellalagundam	5	..	..	
								Thagarapalli extension ..	1	Poyyapatti	5	..	..	
		No. 578, dated 23rd August 1895.	Puvampatti extension ..	2	..	..	..	Papinaickenhalli	5	Andiappanur extension ..	1	..	..	
								Periapatti	5	....	..	..	..	
		No. 606, dated 5th September 1895.	Mangalakkal	1	..	..	..	Kalladipatti	4	....	..	..	..	
								Vathampatti	2	....	..	..	..	
		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 16th December 1895.	Alambadi	1	..	..	..							
		No. 813, dated 16th December 1895.	Pelapalli extension	1	..	..	..							
		No. 826, dated 19th December 1895.	Patthimedu	18	..	..	..							
			Nagalur											
			Thumbal											
		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		72	Total ..	85	..	..	
Trichinopoly.	192	....	....	..	..	..	..	Valayur	2	....	..	..	..	
Tanjore ..	19	....	....	..	..	..	..	....	..	....	..	..	..	
South Canara.	114	....	....	..	..	..	..	Herur	4	Balimane	20	..	..	
								Hulimishipare	3	Baregundi	13	..	..	
								Darlegudde	1	Baindur..	10	..	..	
								Menasinagude		Mavinaguli	2	..	..	
								Hullumurdi bare	16	Dottinaberu	1	..	..	

Statement showing the Progress made in, and the expenditure incurred on, Forest Settlements during 1895–96—*cont.*

Name of forest district.	Area already settled at commencement of year.	Areas finally settled during the year.						Areas undergoing settlement.						Remarks.
		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.	At commencement of the year.		Taken in hand during the year.		Expenditure incurred during the year on areas undergoing settlement.		
					In forest accounts.	In other accounts.		Name of tract.	Area in square miles.	Name of tract.	Area in square miles.	In forest accounts.	In other accounts.	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
								Southern Circle.						
	SQ. MLS.				RS.	RS.	RS. A. P.					RS.	RS.	
South Canara—*cont.*	114	....	....	..	..	..	..	Guruvanakotehola	12	Someshwar	37	..	..	
								Halakihola		New Someshwar	4	..	..	
								Balkattehola		Mavinakodlu	3	..	..	
								Abbigudde		Aletti	25	..	..	
								Mudaregudde		....	..	..	..	
								Honnekodlu		....	..	..	..	
								Vadanaberuhola		....	..	..	..	
								Jarkalane		....	..	..	..	
								Surtihola		....	..	..	..	
								Hulikuppanaane		....	..	..	..	
								Suraladvi		....	..	..	..	
								Mudugalpare	12	....	..	..	..	
								Nujinaane	1	....	..	..	..	
								Naganakalbare	10	....	..	..	..	
								Kamradihola		....	..	..	..	
								Mettakallugudde	9	....	..	..	..	
								Karakamadi	2	....	..	..	..	
								Nerlamanekanu	4	....	..	..	..	
								Sampekere		....	..	..	..	
								Chittur		....	..	..	..	
								Kadike	17	....	..	..	..	
								Karnigadde		....	..	..	..	
								Sarpanamane		....	..	..	..	
								Doddinamane	5	....	..	..	..	
								Murukodihola	2	....	..	..	..	
								Bakudihola	2	....	..	..	..	
								Madibare	30	....	..	..	..	
								Koratikalbare	10	....	..	..	..	
								Megani valley	28	....	..	..	..	
								Kursegudde	5	....	..	..	..	
								Tombattu	20	....	..	..	..	
								Surikodlu	6	....	..	..	..	
								Jarvattukadu	1	....	..	..	..	
								Metkalgudde		....	..	..	..	
								Halisomeshwar	3	....	..	..	..	
								Jattakattumale	2	....	..	..	..	
								Naravi	101	....	..	..	..	
								Charmadi Kanapadi	20	....	..	..	..	
								Dodderi	2	....	..	..	..	
								Total ..	318		115	..	..	
North Malabar.	151	No. 42, dated 28th Jan. 1896.	Kallur	4	(a) 26 4 0	Not known.	3 12 0	Padri	47	....	..	*Nil* ..	Not known.	
		No. 786, dated 2nd Dec. 1895.	Edathorai					Periya	21	....	..			
		No. 130, dated 20th Mar. 1896.	Muthanga	3				Kannoth	40	Wood stock	..			
		No. 42, dated 28th Jan. 1896.	Alathur					Kannoth extension	2	....	..			
		No. 640, dated 20th Sept. 1895.	Ponkuli					Periya extension	2	....	..			
								Total ..	112		..	..	..	
								Nilambur Range.						
South Malabar.	39	....	....	..	..	..	..	Nilambur block	169	....	..	..	..	
								Pokote		....	..	..	..	
								Panangod		....	..	..	..	
								Valluasseri		....	..	..	..	
								Kanakut		....	..	58	..	
								Erambadam		....	..	..	..	
								Ambalakandi		....	..	..	..	
								Arimbracuttamala		....	..	..	..	
								Mangalasseri paramba ..		....	..	..	..	
								Puthalatha and chitharikal paramba.		....	..	..	..	
								Beypore tope						
								Amarampalem Range.						
								Muriat		....	..	..	..	
								Karien		....	..	..	..	
								The new Amarampalam forest.		....	..	..	..	

(a) This includes cost of preparing and putting up of sign boards.

Statement showing the Progress made in, and the expenditure incurred on, Forest Settlements during 1895–96—*cont.*

Name of forest district.	Area already settled at commencement of year.	Areas finally settled during the year.						Areas undergoing settlement.						Remarks.
		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. In forest accounts.	Expenditure incurred during the year on areas finally settled. In other accounts.	Entire cost per square mile of areas finally settled during the year.	At commencement of the year. Name of tract.	At commencement of the year. Area in square miles	Taken in hand during the year. Name of tract.	Taken in hand during the year. Area in square miles.	Expenditure incurred during the year on areas undergoing settlement. In forest accounts.	Expenditure incurred during the year on areas undergoing settlement. In other accounts.	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
							Southern	*Circle*—cont.						
	SQ. MLS.				RS.	RS.	RS.					RS.	RS.	
South Malabar—*cont.*	39							*Palghat Range.*						
								Thampurattipottai *alias* cheripallam.	1					
								Dhoni *alias* Pilakatampallipparamba.						
								Puliampally tope						
								Attapady Valley.						
								Block No. I	91	....	..	..	..	
								Do. ,, II						
								Do. ,, III						
								Do. ,, IV						
Total ..	39			..	..	..	..	Total ..	260	....	..	58	..	
Nilgiris ..	355	No. 493, dated 10th Sept. 1895.	Kalmalai	2	* 139	..	..	Bikkal						
		No. 481, dated 10th Sept. 1895.	Ithalar reserve addition ..					Kallakorai						
		No. 529, dated 24th Sept. 1895.	Singara reserve addition ..					Karialorai						
								Nirkul						
								Araiyatti						
								Vemmandu						
								Attuboil						
								Valibettu						
								Turaiyalla						
								Belthal						
								Gundada						
								Bulhattihulla						
								Hakku						
								Kottu						
								Devashola addition	1	Nirburra	..	..	..	
								Umarikandi						
								Ulimokkai						
								Pattakarai						
								Osatti addition No. I ..						
								Do. ,, II ..						
								Neyyatti..						
								Bear hill						
								Edaiyatti						
								Kateri						
								Palukkarai						
								Bellimara						
								Welbeek No. I						
								Do. ,, II						
								Do. ,, III						
								Kudikadu						
								Upper Karteri						
								Pillimalaikorai						
								Gundorai						
								Guttialattur	280	....	..	..	..	
								Yedaralli	212	....	..	..	..	
								Ponnachi	246	....	..	..	..	
								Hanur	34	....	..	..	..	
								Sullipalayam	1	....	..	..	..	
								Voipadi	1	....	..	..	..	
								Thambikalayan	1	....	..	..	..	
								Ellapalayam						
								Villikaradu	2	....	..	..	..	
								Virumandampalayam	2	....	..	..	..	
								Arachalur Hill	1	....	..	..	..	
								Kongampalayam	3	....	..	..	..	
								Sennimalai	2	....	..	..	..	
								Pandiyampalayam	2	....	..	..	..	
								Sinnavirasanjili	2	....	..	..	..	
North Coimbatore.	..	*Nil.*	....	..	..	..	..	Arachalur						
								Total ..	789		..	..	..	

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

Statement showing the Progress made in, and the expenditure incurred on, Forest Settlement during 1895–96—*cont.*

Name of forest district.	Area already settled at commencement of year.	Areas finally settled during the year.						Areas undergoing settlement.						Remarks.
		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.	At commencement of the year.		Taken in hand during the year.		Expenditure incurred during the year on areas undergoing settlement.		
					In forest accounts.	In other accounts.		Name of tract.	Area in square miles.	Name of tract.	Area in square miles.	In forest accounts.	In other accounts.	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
							Southern Circle.							
	SQ. MLS.				RS.	RS.	RS. A. P.		ACS.			RS.	RS.	
South Coimbatore.	651	....	....	..		..	..	Elaiyamathur	3	Nellimalai	3	..	..	
								Dhali						
								Andigoundanur						
									3		3	..	..	
	539	No. 354, dated 12th June 1895.	(*a*) Kuchukaradu	3		..	..	Mannadimangalam *	2	....	..	..	..	*Excludes 5 lakhs the notifications of which have been since cancelled.
		No. 550, dated 13th August 1895.	Nedumalai			..	..	Kodimangalam	5	....	..	..	..	
		No. 70, dated 12th February 1896.	Perumalmalai shola			..	..	Nellatevanpatti	5	....	..	..	..	
		Do. do.	Gundar			..	..	Kuppavamadai	2	....	..	..	..	
		Do. do.	Manavartan kanal			..	..	Andipatti (south)	10	....	..	..	..	
		Do. do.	Kundukadu kanal			..	..	Mulaiyar	3	....	..	..	..	
		Do. do.	Tulkadu kanal			..	..	Tiger shola	2	....	..	..	..	
		Do. do.	Kuttukalkadu kanal			..	..	Anagiri shola			..	..	..	
		No. 86, dated 22nd February 1896.	Karumalai			..	..	Manjampatti	7	....	..	..	..	
Madura.		No. 78, dated 15th February 1896.	Pannitulam kanal	8		..	..	Kadavumalai	3	....	..	..	..	
								Koviladi						
								Sirnganimalai						
								Umaiyar						
								Kodavanur						
		Do. do.	Kolaviri kanal			..	..	Sirumalai north-west slopes ..	5	....	..	..	..	
		Do. do.	Chendanur		2,154	..	..	Usilampattu						
		Do. do.	Pukadu			..	..	Sanamalai	1	....	..	..	..	
		Do. do.	Kilanvoil			..	..	Sakkimangalam	2	....	..	..	..	
		No. 101, dated 4th March 1896.	Glenfall's shola			..	..	Pappanmalai						
		Do. do.	Parappar shola			..	..	Erakalamalai	6	....	..	..	..	
		Do. do.	Nettle shola			..	..	Thoppásamimalai	11	....	..	..	..	
		Do. do.	Kalrankavai shola			..	..	Methugamalai	2	....	..	..	..	
		Do. do.	Gundar valley	6		..	..	Chinnapatti Karadu	3	....	..	..	..	
		No. 239, dated 6th June 1896.	Mungilkaradu (*b*)	5		..	..	Vellamalai Nedumalai ..						
		No. 232, dated 4th June 1896.	Sami kanal			..	..	Nedumalai	2	....	..	..	..	
		No. 261, dated 13th June 1896.	Perumalmalai			..	..							
		No. 258, dated 13th June 1896.	Sirumalai north-east slopes ..	3		..	..							
				25	(*c*) 2,154	..	86 2 6		73		..	..	..	
Tinnevelly.	411	....	....	..	..	..	..	Wolf Hill	2	Manpothai	2	(*d*)2,215	..	
								Thalaiyattu block C	1	Melapattam	2	..	..	
								Do. A.		Gengaikondan..	4	..	..	
								Manur	3	Vaippar	2	..	..	
								Mullakadu block		Extensions to Kottamadakkikadu reserved forest Block I.				
								Block I adjoining Vallanad Hills A.	1	Do. Block III.. ..	1	..	..	
								Do. II do. do.		Do. Block IV				
								Do. III do. do.		Do. Block V				
										Chintamany block				
									7			11		

(*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.

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.

Statement showing the Progress made in, and the expenditure incurred on, Forest Settlement during 1895–96—*cont.*

Name of forest district.	Area already settled at commencement of year.	Areas finally settled during the year.						Areas undergoing settlement.						Remarks.
		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.	At commencement of the year.		Taken in hand during the year.		Expenditure incurred during the year on areas undergoing settlement.		
					In forest accounts.	In other accounts.		Name of tract.	Area in square miles.	Name of tract.	Area in square miles.	In forest accounts.	In other accounts.	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
							Southern Circle.							
	SQ. MLS.				RS.	RS.	RS. A. P.		ACS.			RS.	RS.	
South Coimbatore.	651	....	....	..		..	..	Elaiyamathur .. .. .. Dhali .. .. .. Andigoundanur	3	Nellimalai	3	..	..	
									3		3	..	..	
	539	No. 354, dated 12th June 1895.	(a) Kuchukaradu	3		..	..	Mannadimangalam *	2	....	..	..	..	*Excludes 5 lakhs the notifications of which have been since cancelled.
		No. 550, dated 13th August 1895.	Nedumalai			..	..	Kodimangalam	5	....	..	..	..	
		No. 70, dated 12th February 1896.	Perumalmalai shola			..	..	Nellatevanpatti	5	....	..	..	..	
		Do. do.	Gundar			..	..	Kuppuvamadai	2	....	..	..	..	
		Do. do.	Manavartan kanal			..	..	Andipatti (south)	10	....	..	..	..	
		Do. do.	Kundukadu kanal			..	..	Mulaiyar	3	....	..	..	..	
		Do. do.	Tulkadu kanal			..	..	Tiger shola .. .. .. Anagiri shola	2	....	..	..	..	
		Do. do.	Kuttukalkadu kanal			..	..	Manjampatti	7	....	..	..	..	
		No. 86, dated 22nd February 1896.	Karumalai			..	..	Kadavumalai .. .. .. Koviladi .. .. .. Sirnganimalai .. .. .. Umaiyar .. .. .. Kodavanur	3	....	..	..	..	
Madura.		No. 78, dated 15th February 1896.	Pannitulam kanal	8		..	..							
		Do. do.	Kolaviri kanal			..	..							
		Do. do.	Chendanur		2,154	..	..							
		Do. do.	Pukadu			..	..	Sirumalai north-west slopes .. Usilampattu	5	....	..	..	..	
		Do. do.	Kilanvoil			..	..	Sanamalai	1	....	..	..	..	
		No. 101, dated 4th March 1896.	Glenfall's shola			..	..	Sakkimangalam .. .. Pappanmalai	2	....	..	..	..	
		Do. do.	Parappar shola			..	..	Erakalamalai	6	....	..	..	..	
		Do. do.	Nettle shola			..	..	Thoppásamimalai	11	....	..	..	..	
		Do. do.	Kalrankavai shola			..	..	Methugamalai	2	....	..	..	..	
		Do. do.	Gundar valley	6		..	..	Chinnapatti Karadu .. .. Vellamalai Nedumalai ..	3	....	..	..	..	
		No. 239, dated 6th June 1896.	Mungilkaradu (b)			..	..	Nedumalai	2	....	..	..	..	
		No. 232, dated 4th June 1896.	Sami kanal	5		..	..							
		No. 261, dated 13th June 1896.	Perumalmalai			..	..							
		No. 258, dated 13th June 1896.	Sirumalai north-east slopes ..	3		..	..							
				25	(c) 2,154	..	86 2 6		73		..	..	..	
Tinnevelly.	411	....	....	..	..	..	..	Wolf Hill .. .. .. Thalaiyuttu block C .. .. Do. A. .. .. Manur .. .. Mullakadu block .. .. Block I adjoining Vallanad Hills A. Do. II do. do. Do. III do. do.	2	Manpothai	2	(d) 2,215	..	
									1	Melapattam	2	..	..	
										Gengaikondan	4	..	..	
									3	Vaippar	2	..	..	
										Extensions to Kottamadakkikadu reserved forest Block I. Do. Block III .. .. Do. Block IV .. .. Do. Block V .. .. Chintamany block	1	..	..	
									1					
									7			11		

(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.

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.

ANNUAL FORM No. 46.

Forest Department, Madras Presidency.

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.	Expenditure on demarcation during the year. On repairs.
1	2	3	4	5	6	7	8	9	10
	MILES.	MILES.	MILES.	MILES.	MILES.	MILES.	MILES.	RS.	RS.
Northern Circle.									
Ganjám	62	83	(a) ..	(a) 145	(a) ..	(a) ..	(a) 145	856	234
Vizagapatam	152	99	226	477	386	19	882	780	100
Gódávari (b)	135	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	196	(d) 2,013	826	27
Bellary	497	200	309	1,006	552	..	1,558	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	..
North Arcot	214	2,180	22	2,416	(g) 60	12	2,488	1,808	596
South Arcot	289	28	1,128	1,445	600	..	2,045	3,805	1,538
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	..
Tanjore	..	12	318	330	..	..	330	..	8
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	80	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	(j) 1,025	2,599	134
Do. South	5	44	427	476	..	77	553	21	265
Madura	..	2	(k) 1,611	1,613	..	..	1,613	..	20
Tinnevelly	58	33	371	462	189	17	668	109	228
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 brushes 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 Ganjám, Gódávari, 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. Ordinary, included in district surveys. Special Surveys—Maps on 4-inch scale or over by Survey of India Department or Madras Survey. Boundary surveys. With interior details. With details of growing stock. Previous.	With details of growing stock. Of year.	Without details of growing stock. Previous.	Without details of growing stock. Of year.	Total cost.	Boundary surveys. Previous.	Boundary surveys. Of year.	Total cost.	With interior details. With details of growing stock. Previous.	With details of growing stock. Of year.	Without details of growing stock. Previous.	Without details of growing stock. Of year.	Total cost.	Previous.	Of year.	Total cost.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
	SQ. MLS.	SQ. MLS.	SQ. MLS.	SQ. MLS.	RS.	SQ. MLS.	SQ. MLS.	RS.	SQ. MLS.	SQ. MLS.	SQ. MLS.	SQ. MLS.	RS.	SQ. MLS.	SQ. MLS.	RS.
Northern Circle.																
Ganjám	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Vizagapatam	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Gódávari	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Kistna	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Kurnool	..	..	..	..	..	..	..	..	..	9	159	196	3,671	55	10	1,022
Bellary	..	..	10	..	..	..	..	..	..	..	..	..	..	..	2	332
Anantapur	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total	..	..	10	..	..	..	..	..	..	9	159	196	3,671	55	21	1,354
Central Circle.																
Cuddapah	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Nellore	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Chingleput	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
North Arcot	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
South Arcot	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Salem	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Trichinopoly	..	..	..	..	..	..	..	..	..	..	674	..	(b)	..	..	..
Tanjore	..	..	..	..	..	..	..	..	..	..	..	..	..	23	..	..
Total	..	..	..	..	..	1,358	486	..	..	..	674	..	..	23	..	..
Southern Circle.																
South Canara	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
North Malabar	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
South Malabar	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Nilgiris	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
North Coimbatore	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
South Coimbatore	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Madura	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Tinnevelly	..	..	..	..	..	36	75	513	8	9	833	196	3,671	79	21	1,354
Total	..	..	..	..	..	1,394	560	513	8	9	833	196	3,671	79	21	1,354
Grand Total	..	..	10	..	..	..	..	..	..	..	..	..	..	..	..	..

(a) Exclusive of over lap and demarcated enclosures.

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

Statement of Forest Areas surveyed and under survey during the year 1895-96—*cont.*

Districts.	Areas surveyed and under survey during the year 1895-96—*cont.*												Areas remaining to be taken under survey.	Total forest area at the end of year, as per form No. 44.	Cost.		
	Chain and compass or other surveys by local officers.																
	With interior details.								Boundary surveys.								
	4-inch or over.		Under 4-inch.		Total cost.		Total cost.								Previous.	Of year.	Entire cost of all surveys to end of the year.
	Previous.	Of year.	Previous.	Of year.		Previous.		Of year.		Previous.		Of year.					
	18	19	20	21	22	23	24	25	26	27	28	29	30				
	SQ. MLS.	SQ. MLS.	SQ. MLS.	SQ. MLS.	RS.	SQ. MLS.	SQ. MLS.	RS.	SQ. MLS.	SQ. MLS.	RS.	RS.	RS.				
Northern Circle.																	
Ganjám	..	..	..	..	..	..	..	..	..	559	6,538	852	6,390				
Vizagapatam	114	131	..	..	2,403	..	120	862	(a) ..	415	1,158	1,245	2,403				
Gódávari	..	..	..	..	..	..	..	..	148	975	..	..	..				
Kistna	1	..	..	..	*Nil.*	72	69	4,871	880	..	3,238	1,633	(c) 4,871				
Kurnool	5	..	..	..	254	..	40	630	(b) 623	1,212	+ 2,409	+ 2,284	+ 4,693				
Bellary	..	..	..	..	..	..	..	..	1,743	2,244	..	884	884				
Anantapur	310	32	..	..	..	..	..	..	73	637	..	332	332				
Total ..	424	169	..	..	2,657	72	229	6,353	..	517	..	901	901				
									3,367	6,559	12,343	8,131	20,474				
Central Circle.																	
Cuddapah	..	..	..	..	..	..	..	..	..	2,357	..	..	..				
Nellore	..	..	..	..	..	..	..	..	..	661	..	..	..				
Chingleput	..	..	..	..	..	..	..	..	..	238	..	..	..				
North Arcot	6	..	..	..	(d) 52	..	..	..	..	1,131	..	..	..				
South Arcot	..	..	..	..	..	233	413	1,377	(e) 625	779	52	..	52				
Salem	..	..	..	..	..	..	..	..	377	1,464	1,733	1,330	3,063				
Trichinopoly	1	..	..	..	..	..	..	..	(f) 160	233	..	..	..				
Tanjore	..	..	..	..	..	..	..	..	..	19	..	..	..				
Total ..	7	..	..	..	52	233	413	1,377	1,162	6,882	1,785	1,330	3,115				
Southern Circle.																	
South Canara	221	46	676	15	..	133	67	..	186	1,133	..	1,517	1,517				
North Malabar	..	..	..	..	..	..	..	..	..	272	..	..	..				
South Malabar	..	..	..	..	..	..	..	..	69	(g) 328	166	347	513				
Nilgiris	..	..	..	..	..	..	..	..	..	452	..	..	..				
North Coimbatore	..	..	..	..	..	..	..	..	..	1,717	..	..	..				
South Coimbatore	..	..	..	..	..	..	..	..	..	657	..	..	..				
Madura	..	..	..	..	..	..	..	..	5	649	..	316	316				
Tinnevelly	..	..	..	..	..	..	..	..	..	428	..	..	..				
Total ..	221	46	676	15	..	133	67	..	260	5,637	166	2,180	2,346				
Grand Total ..	652	215	676	15	2,709	438	709	7,730	4,789	19,078	14,294	11,641	25,935				

(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 also 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 promised by the Madras Revenue Survey Department.
(g) Includes Attapadi valley (91 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.
Northern Circle.							
Ganjám	..	..	..	..	559	559	..
Vizagapatam	..	..	..	..	(a) 415	415	..
Gódávari	10	21	..	..	944	975	*Nil.*
Kistna	8	..	53	628	523	1,212	*Nil.*
Kurnool	..	..	..	..	2,244	2,244	..
Bellary	12	..	38	..	587	637	..
Anantapur	1	..	..	..	516	517	..
Total ..	31	21	91	628	5,788	6,559	..
Central Circle.							
Cuddapah	3	..	..	..	2,354	2,357	..
Nellore	..	..	..	..	661	661	..
Chingleput	..	..	..	..	238	238	..
North Arcot	5	53	4	18	1,131	1,131	..
South Arcot	1	..	..	..	(b) 650	779	(c) 52
Salem	(d) 1	15	..	32	1,463	1,464	*Nil.*
Trichinopoly	..	..	..	4	185	233	(e) *Nil.*
Tanjore					15	19	..
Total ..	10	68	4	54	6,697	6,882	..
Southern Circle.							
South Canara	..	..	..	..	1,134	1,134	..
Malabar, North	..	..	..	..	272	272	..
Do. South	34	..	..	..	294	328	99
Nilgiris	5	1	..	..	446	452	83
Coimbatore, North	..	..	..	..	1,717	1,717	..
Do. South	2	6	..	..	649	657	..
Madura	..	..	..	16	633	649	..
Tinnevelly	5	..	13	2	408	428	81
Total ..	46	7	13	18	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

District.	New work undertaken during the year.								Repairs executed during the year.					
	Buildings.		Roads and paths.			Total expenditure on new work.			Buildings.		Roads and paths.			Total expended on repairs.
	Description of building.	Expenditure incurred.	Road or path and object of the same.	Length of road or path.	Expenditure incurred.				Nature of repairs.	Expenditure incurred.	Nature of repairs.	Length repaired.	Expenditure incurred.	
1	2	3	4	5	6	7			8	9	10	11	12	13
									Northern Circle.					
		RS.	*Block lines.*	MLS.	RS.	RS.				RS.	*Repairing block lines.*	MLS.	RS.	RS.
Ganjám ..	Construction of sheds for permit-issuing gumastahs, &c.—		Jodobondo-Gullery	4	180				Pay of bungalow-watchers and re-thatching, &c.—		Geroda-Komosoro	1	18	
	Suramoni shed	77	Jodobondo-Kutinkuppa ..		10				Tilsingi bungalow	70	Ketmundate-Kondgallery	2		
	Gangupur shed	70	Boppangi-Birkot	1	50				Chendragiri do.	60	Busabusa-Somorobondo	1		
	Panchibhuthi shed	16	Malachencharapalli-Kontaipalli.						Gayagonda do.	60	Lambhai-Gorodopothoro	1	5	
	Berhampore shed	71	Birkot-Konubondo	1	19				Gemdribady do.	60	Lambhai-Chandragiri	1	14	
			Sanogondo-Dantulingi	1	32				Bontha do.	60	Sorosomolo-Budagocha	2		
			Pippalaponka-Sanogondo ..	2	* 3				Jagannadhaprasad do.	122	Pudringi	1	1	
			Sanogondo-Jedingibondo ..	1	* 4				Tarsingi do.	62	Kutnikuppa-Suppunakalo		4	
			Conchia-Kattibadi	2	* 3				Russelkonda do.	201	Budogocha-Kutnikuppa	1	5	
			Maharatapalli-Korasingi ..		* 15				Hattiguda do.	60	Samarada		1	
			Bodopoda-Jatra		* 13				Baibally do.	60	Godaipoda-Ketunumdali	2	7	
			Kurcholly-Tikarapalli	1	* 10				Rambha do.	60	Gayagondo-Gogodo	2	7	
			Somolayi-Panchibooth	1	* 7				Gullery do.	57	Kutnikuppa-Komosoro	1	3	
			Jodopoda-Singapur	2	* 8				Russelkonda depôt	25	Sisandi-Tirikuppa	1	4	
			Kriamba-Jodopoda		* 8				Osurobondo bungalow	73	Tirikuppa-Kethwenedali	2	2	
			Banasuro Kriamba	2	* 17				Latipada do.	72	Komosoro-Jainopalli		6	
			Singapur-Nuvapalli		56				Surada do.	74	Komosoro-Busabusa	2	9	
				1	* 20				Kurcholly do.	30	Pudringi-Berumabady	1	3	
			Roads.						Berhampur do.	248	Gudadandi-Modhupur	3	21	
			Telike-Rogoda road	176,377 square feet.	181				Chatrapur do.	63	Birkot-Longolokolo	4	24	
											Kalagam-Chunapalli	5	31	
											Mudlapalli-Bankaneddi	4	25	
											Kutnikuppa-Miniari	1	9	
											Jodobondo-Dangnapalli	2	8	
											Budili-Raipalli	2	10	
											Vinjigiri-Siddapodro	2	9	
											Pondokal roads	2	27	
											Latipada-Tinkondia	3	2	
											Gurandia-Dubady	2	6	
											Bankanedi-Tinkondia	2	7	
	Total, Ganjám ..	234	Total ..	..	636	870					Other works	..	268	1,785
												..	..	25
									Total ..	1,517	Total ..	..	268	1,810
	Palkonda.								*Palkonda.*		*Golgonda.*			
Vizagapatam.	Rest-house at Gudlagora ..	236	....	..	..				Velagada tanna	12	Arlova road..	5	178	
	Palavalasa tanna	28	....	..	..				Veeragattam permit-gumastah's shed ..	20	Krishnadanipet road	1	307	
	Forest guard's shed at Kaviti..	25	....	..	..				Doors for existing buildings	30	Narasapatam Range office road		19	
	Narasipuram tanna	32	Palavalasa-Bomica road	1	115				Jambada bungalow	44				
	Gopalapuram forest guard's shed	12	....	..	..				*Golgonda.*		*Sarvasiddhi.*			
	Veeragattam tanna	18	....	..	..				Repairs to Narasipatam Range office ..	45		RS. A. P.		
	Gudlagora lines	34	....	..	..				Gantavarikottagudem shed	50	Vamagiri	18 2 0		
	Venkatapuram tanna	6	....	..	..				Padapet bungalow	50	Gokivada	5 8 6		
	Golgonda.								Golgonda rest-house	47	Punchadharla..	4 11 0		
	Rest-house at Kodavatipudi ..	76	....	..	..				Repairs to Narasipatam Range office ..	50	Ramballi	2 10 6		
	Do. at Nathavaram ..	400	....	..	..				Add as per Accountant-General's audited figures	106	Total ..	30 11 0	31	
	Do. at Krishnadanipet..	204	....	..	..						Add as per Accountant-General's audited figures	..	19	
	Elephant shed	40	....	..	..							12	554	1,008
	Lines for mahout	40	....	..	..						Other works	..	..	47
	Out-houses to Kodanatipudi rest-house	15	....	..	..									
	Sarvasiddhi.													
	Rest-house at Kotali	400	....	..	..									
	Hut in Padapall	44	Padapalli road	3	375									
	Hut near the well in Padapalli.	23	....	..	..									
	Stables in Kottali	24	....	..	..									
	Total, Vizagapatam ..	1,657	Total ..	4	490	2,147			Total ..	454	Total ..	12	554	1,055

* For clearing only.

FORM No. 49.

Madras Presidency.

and Buildings.

Communications and Buildings.

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
						Northern
		RS.		MLS.	RS.	RS.
Gódávari ..	Rest-house at Mallavaram ..	239	1. Puliramudugudemchinthapalli road	4	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, Gódávari ..	1,721	Total ..	4	320	2,041
Kistna ..	Platforms to pitch tents near range camps at Chezerla, Gutlapelli and Brahmadevanibhavi	90	Road from Karempudi to Adigoppala *viâ* Brahmadevanibhavi	10	563	
	Range camp, Srigiripad ..	290	Road from Veerabhadrapuram to Srigiripad	8	410	
	Do. Nagalavaram ..	290	Veerudi Ranama road	6	390	
	Do. Daida	300	Road from Ibrampatam to Loga.	4	903	
	Do. Guttikonda ..	270				
	Total, Kistna ..	1,240	Total ..	28	2,266	3,506
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	..	31	
	Construction of forest guard's and tannadar's house at Gandleru in Sirvel taluk	335	Laying out a road from Gazulapalli bungalow to Railway level crossing and drawing the compound	..	268	
	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	Total ..	..	299	4,301
Bellary ..	Forest guard's hut at Shivapuram	104	....	..	..	
	Forest guard's hut at Jittanagattu	96				
	Forest guard's hut at Nallapuram	55				
	Forest guard's hut at Kallahalli	85				
	Forest guard's hut at Mincheri.	63				
	Do. do. at Malpanagudi ..	103				
	Total, Bellary ..	506	Total ..	..	..	506

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.					
	RS.		MLS.	RS.	RS.
For retiling and roofing and repairing the walls of Mulagalampalli rest-house	113	1. Repairs and improvements to the cart-track from Gudikonda to Timmalayapalem	7	72	
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				
Shed at Gopuvanipalem	10	Total ..	1	369	512
Hut at Kothapalem	25				
Watchers' huts, Adavuladivi	27	Other works A-VII (*e*)	..	..	388
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 Komitivanibavi to Adutla	7	100	
Part repairs to Adulta bungalow ..	70	Do. the Pecheruvu tank bund so that road may be continued to the rest-house.	..	315	
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 5 works	105	Others works A-VII (*c*)	..	..	77
Cost of establishment	436				
Total ..	2,360	Total ..	151	1,054	3,491
Sandur 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

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.	Expenditure incurred.	
1	2	3	4	5	6	7
						Northern
		RS.		MILS.	RS.	RS.
Anantapur ..	Rest-house at Bukkapatnam under construction (partly constructed)	695	....	..	..	..
	Construction of a tannah hut at Kodur	8	....	..	..	..
	Total, Anantapur ..	703		..	..	703
	Total, Northern Circle ..	10,063		..	4,011	14,074
						Central
Cuddapah ..	Rest-house at Bhakrapet, Vayalpad range	935	..	..	..	..
	Erection of pandal on three sides of Forest bungalow, Piler, Vayalpad range ..	37	..	..	..	..
	Construction of a Forest guard's hut at Mannimapalli, Cuddapah range	20	..	..	..	..
	Construction of a Forest guard's hut at Maddimadugu, Cuddapah range	20	..	..	..	..
	Construction of a kitchen for Venkatapuram shed	9	..	..	..	..
			Pedarallasagudu road extension (export of timber to railway station)	1	230	..
			Road in Lankamali reserve to facilitate transport of timber.	..	819	..
			Peddarallasagudu road with three culverts (export of timber to railway station)	1	108	..
	Total ..	1,021	Total ..	..	657	1,678
Nellore ..	....	..	....	..	..	..

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.					
	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.		36	..
Repairs to roof of the range office at Bukkapatnam	2	Re-metalling the road in the Awagondapaliem reserve	About 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.	5				
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 ..	57				
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 Jiniagapalli.	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 Tamballapalli	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	383	..
		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.	Expenditure incurred.	
1	2	3	4	5	6	7
		RS.		MLS.	RS.	RS.
Chingleput ..	Construction of an out-house with stables to the new rest-house at Sathiavedu	100	....	..	..	..
	Total ..	100		..	..	100
	A-VII (b)—Buildings.		*A-VII (a)—Roads and Paths.*			
North Arcot ..	Erection of a shed at Nagaputta.	10	Peddur road	2	1,940	..
	Completion of a rest-house at Nelliputla	90	Total ..	2	1,940	2,301
	Kitchen at Nelliputla	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				
South Arcot ..	Erecting a platform in front of the Melpat bungalow, Tiruvannámalai range	88	....	..	..	..
	Construction of a stable in the Chengam rest-house	19				
	Construction of an apron around the Kavuthi well ..	89				
	Total ..	196	Total ..	..	..	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.	Expenditure incurred.	
8	9	10	11	12	13
	RS.		MLS.	RS.	RS.
Repair of new rest-house at Sathiavedu..	25	....			
Do. Nellikuppam rest-house ..	75				
Do. Kadoor tannah	3				
Do. Guindy tannah	6				
Total ..	109	Total ..	..	..	109
A-VII (b)—Buildings.		*A-VII (a)—Roads and Paths.*			
Repair of Paradarami rest-house ..	33	Repair of Musalimadugu road	3	75	..
Do. Mamundur rest-house ..	11	,, Kylasagiri road	collection of 5,500 cft. of metal.	88	..
Do. Naikaneri bungalow and stable	14	,, Santavasal Shumboga tope road.		49	
Do. Palmanér range office ..	21				
Do. Peddur rest-house	9				
Do. Morthona bungalow ..	9		..	212	1,186
Do. Kitchen to Morthona bunglow	25				
Do. Arungabdrug rest-house ..	5	*Other Works.*—A-VII (c)	..	..	78
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	Total ..	..	212	1,264
Repairs to No. II range office	7	Repairing the ghat road Tenmalais ..	7	69	..
White-washing the guards and watchers line at Paramandal	7	Add cost of establishment under A-VII (a).	..	122	..
Repairing the Kairathi compound ..	2				
Repairs to the roof of the kitchen at Tiruvannámalai	7				
Repairs to the stable at Tiruvannámalai	22				
White-washing the Tirukkóyilór range office building	7				
Repairs to the gate of the Tiruvannámalai rest-house	9				
Do. the Shanikulam shed ..	1				
Do. the Tiruvannámalai range office compound .. .	1				
Do. the Killai forest shed .	5				
Add cost of establishment under A-VII (b)	349				
Total ..	417	Total ..	7	191	608
		Other works ..	..	..	113
		Grand total of expenditure under A-VII (a), (b) and (c) ..	7	191	721

Communications-

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
						Central
		RS.		MLS.	RS.	RS.
Salem ..	Kitchen and stable at Andiappanoor.	48	....	..	..	..
	Stable, Dharmapuri Range office.	297				
	Rest-house on the Chetteri Hills.	30				
	Total ..	375	Total ..	..	..	375
Trichinopoly.	Thatched rest-house near the Pachamalais in Sogapuram in Musiri Range with out-houses and stables.	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
						Southern
†South Canara.	Construction of Pani Mangalore temporary shed.	8	....	..	..	..
	Total ..	8	Total ..		..	8
North Malabar.	Serambi at Manikat Vayal ..	244	A road 8′ wide to join the Pongudi deviation	..	44	..
	Serambi at Marguddai ‡ ..	300	A cart road in the Mavanhulla reserved forest	4	325	..
	An Elephant Kraal at Muthanga	282	Cost of putting up sign boards to roads	..	287	..
	Elephant Kraal at Begur § ..	245				
	Add as per Accountant-General's statement	..		..	..	..
	Total ..	1,071		..	656	1,727

* This is a Local Fund road; the Forest department does the work and the Local Fund department supplies the money.
† Three temporary sheds built at a cost of Rs. 71-15-0 and their monsoon repairs at a cost of Rs. 12-5-8 have been omitted in this return in column 2.
‡ 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.					
	RS.		MLS.	RS.	RS.
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.	3				
Do. Hosúr Range office ..	3				
Repair of Atur Range office compound wall	310				
Repair of thatched shed at Harúr ..	42				
White-washing Námakkal Range office.	6				
Total, Salem ..	1,143	Total ..	..	..	1,143
Re-roofing the Pudupalaiyam 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
		Other works, A-VII (*c*)	..	..	7
Total ..	426	Total ..	..	367	800
Repairing the roof of the rest-house at Tirumalavásal and replacing two windows in the office-room of the rest-house	20	....	..	..	20
Total ..	20	Total ..	..	..	20
Total, Central Circle ..	3,823	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 Charmadi 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 Chedaleth Muthanga road ..	14	62	..
Repairing Chedaleth 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 Kannoth ..	35	33	..
Repairs to Dindumal bungalow compound	13	Repairing road leading to Brammagiri from Tirunelli	6	74	..
Repairing Kurchyat 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 Chedaleth 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

Communications and Buildings—*cont.*

District.	New work undertaken during the year.						Repairs executed during the year.					
	Buildings.		Roads and paths.			Total expenditure on new work.	Buildings.		Roads and paths.			Total expended on repairs.
	Description of buildings.	Expenditure incurred.	Road or path and object of the same.	Length of road or path.	Expenditure incurred.		Nature of repairs.	Expenditure incurred.	Nature of repairs.	Length repaired.	Expenditure incurred.	
1	2	3	4	5	6	7	8	9	10	11	12	13
						Southern Circle—cont.						
	Nilambúr Range.	RS.		MLS.	RS.	RS.		RS.		MILES.	RS.	RS.
South Malabar Forest division.	Constructing Ranger's and Forester's quarters in Nilambúr.	75	....	..	..	..	Repairing charges for the District Forest-officer's bungalow	40	Repairing the road leading to District Forest-officer's bungalow	1	40	..
	Constructing two sheds in the Kallai depôt compound.	300	....	..	..	..	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 Nilambúr range	100				
							Monsoon repairs to the thatched buildings in Amarampalam range.. ..	20				
							Firetracing the yards around Karien Srambi	3				
							Repairing Karimala bungalow withir on rails	386	Repairing cart-track from Dhoni to Kavarakunnu	3	77	..
							Making monsoon thatties to Karimala bungalow	25		4	207	338
	Total ..	375	Total ..	..	..	375	Rethatching kitchen and stable at Dhoni	37	Other works, A-VII (*e*)	..	..	77
Nilgiris ..	Forest Guard's hut at Longwood	150	A new road to Mukkatti	3	250	..	Total, South Malabar ..	631	Total ..	4	207	915
	Shed at Wellington Depôt for storing split fuel in	41	And a path in Kunbarukodi forests				Repairs to buildings in Mudamalai range and clearing compounds and repairs to fences	296	Repairs to roads and bridges, Mudumalai range	20	649	945
			A new road in Mudumalai forest.	1	116	..	Repairing the range quarters and thatching sandalwood godown in Sígúr range	100	Repairs to the road to Anakotty and removing brushwood in Sígúr range ..	2	60	160
			Muthanad road	2	468	..	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 ..	191	Total ..	6	834	1,025			Total ..	..	1,077	1,758
									Other works, A-VII (*e*)	..	..	162
Coimbatore (North).	Constructing a combined rest-house and range office at Talamalai	1,615	Mavanatham-Talamalai bridle-path for connecting the head-quarters of the range with Dimbum	9½ miles of line clearing for tracing the path.			Total ..	681	Total ..	..	1,077	1,920
	Sandalwood store at Suragoundenhalli	303					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 Hásanúr-Bylur road to complete the sanctioned repairs of 1894–95	..	253	..
	Sandalwood store and chipping shed at Suragoundenhalli	130	Tracing Gundila bridle-path ..	* 177 ..	.. 2	.. ..	Roofing and retiling Kongarpollium tanna shed	15	Repairing Dimbum Talamalai bridlepath 6 feet wide	4	51	..
	Sandalwood store and chipping shed at Kollegal ..	98					Putting a new door to the Range office at Satyamangalam	14	Gravelling, digging side drains, revetment, blasting, &c., in Ajjupuram-Girkakundy road	13	675	..
	Rest-house on the top of Biligiri Rangam Hills near Bellaju	1,605					Roofing and retiling the old bungalow at Suragoundenhalli	80	Gravelling digging side drains, revetment, blasting, &c., in Burghur ghaut road	12	1,154	..
	A shed near Araipollium ..	21					Roofing and retiling the sandalwood shed at Kollegal	49	Gravelling, digging side drains, revetment, blasting, &c., in Lókkanally-Bylur road	14	1,673	..
	Sandalwood chipping shed at Bhaváni	9					White-washing and cleaning bungalow at Bylur	5	Hásanúr-Bylur road repairing, erecting 320 yards of parapet wall and blasting rock, 300 R. feet	3	† 640	..
	Rest-house at Chellanpalliem ..	733					White-washing and cleaning bungalow at Lockanalli	5		46	4,446	4,996
	Rest-house at Thattakarai ..	1,069					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 Cowdalli	10				
							Roofing the sandalwood depôt at Bhaváni	122				
							White-washing the tanna shed at Bhaváni and retiling	24				
							White-washing the Range quarters at Bhaváni 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 Bhaváni	77				
							Pay of bungalow watchers	36				
	Total ..	5,583	Total ..	..	179	5,762	Total ..	550	Total ..	46	4,446	5,146

* Includes cost of
† Including cost

namite, Rs. 146–5–0.
dynamites.

Communications and Buildings—*cont.*

District.	New work undertaken during the year. Buildings. Description of buildings.	Expenditure incurred.	Roads and paths. Road or path and object of the same.	Length of road or path.	Expenditure incurred.	Total expenditure on new work.
1	2	3	4	5	6	7
		RS.		MLS.	RS.	RS.
Coimbatore (South).	Inspection shed at Periakombu.	200	Extension of the tramway ..	2 furlgs.	16	..
	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 Méttupálaiyam	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
Madura ..	High waving rest-house ..	96	....	..	..	..
	Kitchen and stable to Machur rest-house	247	....	..	..	..
	Rest-house at Pachalur ..	176	....	..	..	..
	Total ..	519	Total ..	..	..	519
Tinnevelly ..	Line of forest guard's and watcher's line of huts at Courtallam	240	Tracing road between Kannikatti and Kalemlapil to frame estimate	3	39	..
	Line of forest guard's and watcher's line of huts at Karuppasamicoil	240	Bridlepath from Kirisade to Mudaliaruthu to open interior hills	1	478 (part cost).	..

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

Repairs executed during the year. Buildings. Nature of repairs.	Expenditure incurred.	Roads and paths. Nature of repairs.	Length repaired.	Expenditure incurred.	Total expended on repairs.
8	9	10	11	12	13
Circle—cont.					
	RS.		MLS.	RS.	RS.
Sheds at Anaipadi	111	Bridle-path leading to Mount Stuart ..	..	27	..
District Forest-officer's bungalow at Sethumadai	46	Tram road	5	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 Sethumadi to the Range officer's quarters at Méttupálaiyam, &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	..
			5	2,122	3,263
		Other works, A-VII (*c*) ..	..	..	60
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	34	....	..	..	..
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 ..	..				
Cumbum rest-house kitchen and table.	50				
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 ..	198	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.					
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 ghat road repairs—Clearing slips and side and cross draws	4	178	..
Deduct as per Accountant-General's statement Form No. 59	— 37				
			4	208	1,088
		Other works ..	..	..	154
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 outhouse	22	Metalling road leading to Courtallum bungalow	..	25	..

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

Communications and Buildings—*cont.*

District.	New work undertaken during the year. Buildings. Description of buildings.	Expenditure incurred.	Roads and paths. Road or path and object of the same.	Length of road or path.	Expenditure incurred.	Total expenditure on new work.
1	2	3	4	5	6	7
		RS.		MLS.	RS.	RS.
Tinnevelly—*cont.*	Rest-house with out-house at Kansapuram (partly constructed)	761	New Papanasam road	2½	304 (part cost).	..
	Rest-house with out-house at Chettimadum (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.	1	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, Tinnevelly ..		3,125	Total, Tinnevelly ..	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

Repairs executed during the year. Buildings. Nature of repairs.	Expenditure incurred.	Roads and paths. Nature of repairs.	Length repaired.	Expenditure incurred.	Total expended on repairs.
8	9	10	11	12	13
Circle—cont.	RS.		MLS.	RS.	RS.
Rethatching Sengalmuri Forest guard's hut	20	Metalling road leading to Kadianallur ..	..	23	..
Sundry repairs to Ranagudi tannah ..	18	Filling in ruts and sundry repairs to Pápanásum ghat road	15	777	..
White-washing Vullanad rest-house ..	3	Filling in ruts and sundry repairs to new Pápanásum road	..	377	..
Rethatching Kopparai do. ..	14	Filling in ruts and sundry repairs to Pápanásum bridle-path	3	45	..
Retiling and sundry repairs to Vasudevanallur bungalow	125	Sundry repairs to Rajapaliem bridle-path.	5	89	..
Rethatching Ollar bungalow	20	Widening Kunsapuram kunsadi bridle-path	9	132	..
Sundry repairs to Kolundumamalai tannah	10	Sundry repairs to Athithondu-Puliyuthu road	6	21	..
Rethatching, &c., Paliar rest-house ..	25	Filling in ruts, &c., in Konamadi road ..	7	280	..
Do. Budatharkoil rest-house	25	Do. do. in bridle-path from Muthulamppan to Karumpandiammansholai	7	106	..
Rethatching, &c., Tharvithanparai rest-house	13	Filling road from Sivanajeri to Muthalaruppam	3	133	..
Sundry repairs to Sivasailam bungalow	45	Filling ruts in Kamthalipudai road ..	3	100	..
Rethatching and building walls of stable at Kanukatti	47	Do. in Nadugani bridle-path ..	7	58	..
Rethatching Kanuru upper bungalow.	16	Metalling road between Kikrama—Sengapuram and Pápanásam	..	72	..
Do. Eral hut	10	Filling in ruts in Sengalamari-Kaluthaikadanu road	2½	75	..
Rethatching Kannikatti lower bungalow	20	Filling in ruts in Puliargudi melaparai road	3	100	..
Rethatching tannah at Vikrimasingapuram	10	Sundry repairs to Tekam Teri road ..	1	30	..
Rethatching tannah at Pápanásam ..	10	Do. to Puckle's road	3	50	..
Retiling and sundry repairs to Kadianallur bungalow	250	Do. to Shermadevi road ..	2	90	..
Retiling and sundry repairs to Ambásamudram bungalow	71	Revetment in Vadagarai-Nalliyuthu road.	3	109	..
Retiling and sundry repairs to Courtallam bungalow	77	Sundry repairs to Puliyangudi base line road	1	39	..
Sundry repairs to Virisadi rest-house.	2	Sundry repairs to Kadianallur bridle-path	5	187	..
Do. to stable and out-house to Courtallam bungalow	20	Filling in ruts in Kadiam bridle-path ..	2½	75	..
Rethatching, &c., Sengalmuri rest-house	25	Other works, A-VII (*c*) ..	..	..	107
Plastering Pulikunnuthu forest guard's hut	25				
Plastering Rappakarai forest guard's hut	24				
Plastering and re-roofing tannah at Athithondu	32				
Sundry repairs to forest guard's line of hut at Athithondu	8				
Retiling and sundry repairs to Sivanaferi bungalow	45				
Sundry repairs to Sengal Teri rest-house	5				
Sundry repairs at Muthalaruppan ..	2				
White-washing and repairing Nazareth bungalow	23				
Sundry repairs to forest guards' huts at Karuppasami coil	20				
Total, Tinnevelly ..	1,118		23	3,192	4,417
Total, Southern Circle ..	5,802		..	11,706	19,435
Grand Total, Presidency ..	15,880		..	15,997	34,539

Annual Form No. 50.

Forest Department, Madras Presidency.

Prosecutions for breaches of Forest Rules during 1895–96.

Districts.	Cases pending from 1894–95.	New cases of the year.					Total cases.	Disposed of during the year.										Cases pending at close of year.
		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
Northern Circle.																		
Ganjám	52	1	244	39	15	299	351	122	319	30	178	111	306	68	223	331	1,026	20
Vizagapatam	* 11	..	278	12	2	292	303	112	421	6	26	145	435	10	21	273	903	30
Gódávari	† 29	7	96	11	23	137	166	56	121	23	56 (a) 28	39	102	17	45	135	352	81
Kistna	278	1	299	351	93	744	1,022	158	516	60	200 (a) 73	380	1,117	115	578	713	2,484	309
Kurnool	103	1	403	150	57	611	714	241	552	113	279 (a) 70	189	523	81	182	624	1,606	90
Bellary	13	1	395	86	26	508	521	115	230	11	20	315	789	9	28	450	1,067	71
Anantapur	7	1	94	153	23	271	278	136	436	41	197 (a) 43	90	270	2	5	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	8,389	560
Central Circle.																		
Cuddapah	41	4	264	345	9	622	663	286	651	51	188	130	510	93	219	560	1,568	103
Nellore	35	..	77	76	6	159	194	98	258	26	88 (a) 37	20	65	30	118	174	566	20
Chingleput	24	..	260	156	32	448	472	55	138	14	55 (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	256
Salem	† 94	13	521	516	78	1,128	1,222	540	1,555	124	495 (a) 60	437	1,319	73	158	1,174	3,587	48
Trichinopoly	63	..	106	346	14	466	529	135	356	26	82 (a) 15	239	829 (a) 42 (b) 3	3 (c) 46	53 (a) 1	449	1,381	80
Tanjore	14	..	41	15	3	59	73	20	57	6	15 (a) 1	36	112 (a) 26	6	43	68	254	5
Total ..	574	20	2,229	2,190	258	4,697	5,271	1,436	3,796	317	1,348	2,463	6,823	460	1,216	4,676	13,183	595

* Erroneously shown as 90 in the last year's return. Seventy-nine out of the 90 were only occurrence 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 so no further steps were taken.

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

Districts.	Cases pending from 1894–95.	New cases of the year.					Total cases.	Disposed of during the year.										Cases pending at close of year.
		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	(e) 207	56	112 (a) 20	87	149	18	24 (b) 6 (a) 1	307	519	149
North Malabar	18	4	33	4	18	59	77	24	53	13	27 (a) 5	23	39 (a) 2	8	20	68	146	9
South Malabar	2	1	13	..	32	46	48	28	64	5	6	7	27	1	1	41	98	7
Nilgiris	14	1	55	29	12	97	111	27	77	6	15	54	180	9	27	96	299	15
North Coimbatore	32	..	120	165	18	303	335	153	495 (d) 1	24	79 (a) 38	101	294 (a) 1	33	84 (a) 12	311	1,004	24
South Coimbatore	18	6	69	72	16	163	181	40	162	13	76	97	337	9	69	159	644	22
Madura	55	41	142	263	13	459	514	214	598	47	137	56	217	56	118	373	1,070	141
Tinnevelly	78	4	236	292	17	549	627	58	141	31	115 (a) 17	374	986	113	221	576	1,480	51
Total ..	298	62	892	837	260	2,051	2,349	690	1,798	195	647	799	2,232	247	583	1,931	5,260	418
Grand Total ..	* 1,365	94	4,930	3,829	757	9,610	10,975	3,066	8,189	796	3,165	4,531	12,597	1,009	2,881	9,402	26,832	1,573

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

ANNUAL FORM No. 51.

Forest Department, Madras Presidency.

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 1895.	During dry season of 1895–96. Area attempted to be protected.	Fires.	Actually protected.	Cost during the season.	Remarks.
1	2	3	4	5	6	7	8	9
	Northern Circle.		ACS.	ACS.	ACS.	ACS.	RS.	
Ganjám ..	....	..	134,609	(a) 136,921	7,045	129,876	1,367	(a) Three blocks of an aggregate area of 919 acres were abandoned during the year.
Vizagapatam...	....	..	50,343	50,383	6,874	43,509	464	
Gódávari— Special ..	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	1,636	..	1,666	44	
	Repak do. ..	1887 ..	6,860	7,000	1,130	5,870	142	
	Ramachendram do. ..	1887 ..	10,285	10,300	224	10,076	136	
	Tallanka do. ..	1887 ..	10,608	12,000	552	11,448	154	
	Mattapalli do. ..	1889 ..	8,325	9,500	900	8,600	215	
	Total, Special, Gódávari ..	..	48,928	52,712	2,979	49,733	943	
General ..	....	..	82,983	86,255	1,780	84,475	704	
	Total, Gódávari ..	..	131,911	138,967	4,759	134,208	1,647	
Kistna— Special ..	Kondapalli reserve ..	1884 ..	6,971	5,261	450	4,811	1,163	
	Kothur do. ..	1889 ..	1,310	1,310	..	1,310		
	Gunadala do. ..	1895 ..	400	400	..	400		
	Kondavid do. ..	1888 ..	4,200	4,200	16	4,184		
	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 ..	15,388	18,603	5,000	13,603		
	Total, Special, Kistna ..	..	76,876	85,472	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— Special ..	Sandur Ramandrug range.	1883 ..	12,785	14,785	75	14,710	1,589	
	Do. north-east do.	1883 ..	13,094	16,010	5,466	10,544	1,100	
	Donimalai	1883 ..	9,205	9,205	1,459	7,746	1,117	
	Shivapuram	1886-87 ..	9,000	9,000	650	8,350	141	
	Sunkadakallu	1886-87 ..	7,000	7,000	..	7,000	130	
	Malpanagudi	1886-87 ..	1,000	1,666	270	796	81	
	Chiribi	1885-86 ..	3,000	3,000	..	3,000	83	
	Total, Special, Bellary ..	..	55,084	60,066	7,920	52,146	4,241	
General ..	....	..	18,639	13,574	1,200	12,374	90	
	Total, Bellary ..	..	73,723	73,640	9,120	64,520	4,331	
Anantapur ..	....	..	153,146	(b) 123,835	10,390	113,445	2,450	(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.
	Total, Special, Northern Circle.	..	180,888	198,250	32,215	166,035	6,347	
	Total, General, Northern Circle.	..	491,171	568,406	48,444	519,962	7,532	
	Grand Total, Northern Circle.	..	672,059	766,656	80,659	685,997	13,879	
	Central Circle.							
Cuddapah ..	....	..	457,957	528,020	38,872	489,148	4,545	
Nellore ..	....	..	115,460	115,720	2,110	113,610	679	
Chingleput..	Kambakkam reserved forests.	1883-84 ..	14,951	14,951	400	14,551	373	
	Nágalápuram 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 1895.	During dry season of 1895–96. Area attempted to be protected.	Fires.	Actually protected.	Cost during the season.	Remarks.
1	2	3	4	5	6	7	8	9
	Central Circle—cont.		ACS.	ACS.	ACS.	ACS.	RS.	
North Arcot—	Special protection.							
Polur ..	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	
	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	
Vellore ..	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	Includes also a part of Polur taluk.
	Nellimalay	1892 ..	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	
Chendragiri.	Mamandur and its extension	1874 .. / 1888 ..	9,676	9,776	800	8,976	159	
	Chamala	1880 ..	8,700	9,600	200	9,400	136	
	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 ..	5,680	5,840	5	5,835	110	
	Nagapatla	1890 ..	7,866	8,266	.	8,266	91	
	Mungilpattu	1890 ..	22,200	22,700	50	22,650	76	
	Panapakam extension ..	1892 ..	9,730	9,730	..	9,730	27	
Palmanér.	Musalimadugai	1884 ..	8,534	9,600	1,600	8,000	188	
	Palmanér	1892 .	1,920	1,920	..	1,920	199	
	Mordana	1884 ..	12,376	12,416	750	11,666	40	
Gudiyáttam.	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	
	Naickaneri..	1884 ..	..	3,200	310	2,890	28	
	Mordana extension ..	1887 ..	9,423	..	..	..	39	
Wallajah.	Banavaram	1880 ..	1,047	1,051	4	1,047	7	
	Ammar	1884 ..	5,982	5,982	88	5,894	56	
	Total, Special, North Arcot	..	358,188	359,852	11,206	348,646	3,298	
	Total, General, do.	..	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	..	1,521,667	1,610,653	64,756	1,545,897	12,495	
	Southern Circle.							
South Canara.	....	..	21,898	41,384	480	40,904	906	
	Special protection.							
Malabar, North.	Begur	1882-83 ..	..	15,366	1,085	14,281	837	
	Tirunelli	1894-95 ..	2,737	5,474	..	5,474		
	Kurchyat	1887-88 ..	12,054	18,054	17,854	200	493	
	Mavanhulla	1894-95 ..	10,076	12,576	11,976	600		
	Rampur	1894-95 ..	9,854	18,854	18,134	720		
	Kanotte teak, &c., plantations	1894-95 ..	224	224	..	224	8	
	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 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 1896.	During dry season of 1895–96. Area attempted to be protected.	Fires.	Actually protected.	Cost during the season.	Remarks.
1	2	3	4	5	6	7	8	9
	Southern Circle—cont.		ACS.	ACS.	ACS.	ACS.	RS.	
	Special protection.							
Tinnevelly—								
Ambásamudram.	Ghât 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	
Nánguméri..	Ghât forests Nos. I and I (*a*).	1885–86 ..	16,772	4,000	4	3,996	332	
Tenkasi ..	Ghât forests Nos. III, III (*a*), (*b*), (c^1), (c^2), (*d*) and Chinnakadu.	1887–88 ..	7,366	3,100	40	3,060	510	
Sankaranayinárkoil	Ghât forests Nos. IV and IV (*a*).	1888–89 ..	37,171	5,000	..	5,000	125	
Srívilliputtúr	Ghât forests Nos. V and V (*a*).	1889–90 ..	7,448	4,000	8	3,992	322	
	Total, Special, Tinnevelly.	..	94,752	25,100	172	24,928	1,653	
	General do.	..	..	208,260	4,226	204,034	182	
	Total, Tinnevelly ..	..	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.

District.	Area in square miles. Closed to all animals. Whole year.	Closed to all animals. Part of year.	Closed to goats or sheep. Whole year.	Closed to goats or sheep. Part of year.	Open to all animals. Whole year.	Total area.
1	2	3	4	5	6	7
Northern Circle.						
Ganjám	123	..	(*a*) 436	..	..	559
Vizagapatam	4	27	415	..	..	415
Gódávari	302	..	975	..	..	975
Kistna	144	..	755	..	313	1,212
Kurnool	114	..	2,242	..	2	2,244
Bellary	186	..	356	..	95	637
Anantapur	101	9	(*b*) 407	..	..	517
Total, Northern Circle ..	974	36	5,586	..	410	6,559
Central Circle.						
Cuddapah	4	..	2,353	..	..	2,357
Nellore	7	..	631	..	(*c*) 23	661
Chingleput	38	..	(*a*) 190	..	10	238
North Arcot *	64	..	997	..	70	1,131
South Arcot	17	..	(*a*) 762	..	..	779
Salem	60	..	1,404	..	..	1,464
Trichinopoly	46	..	187	..	..	233
Tanjore	2	..	17	..	..	19
Total, Central Circle ..	178	..	6,541	..	103	6,882
Southern Circle.						
South Canara	22	..	(*a*) 1,112	..	..	1,134
Malabar, North	28	24	115	..	105	272
Do. South	328	..	328	..	..	328
Nilgiris	11	..	(*a*) 452	..	..	452
Coimbatore, North	237	..	1,480	..	..	1,717
Do. South	265	..	657	..	..	657
Madura	5	24	(*a*) 620	..	..	649
Tinnevelly	300	197	(*d*) 428	..	111	428
Total, Southern Circle ..	1,196	245	5,192	..	216	5,637
Grand Total ..	2,348	281	17,319	..	729	19,078

* 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 FORM No. 53.

Forest Department, Madras Presidency.

AREA of Plantations, 1895–96.

District.	Name of Plantations.	Area in acres. On 1st July 1895.	Added during the year.	Excluded during the year.	Area on 30th June 1896.	Receipts. Of the year.	Charges. Of the year.
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 ..	....	..	..	..	..	..	..
Godávari ..	Narsapur plantation ..	114	..	..	114	1,986	599
	Bendamoodanka plantation ..	362	..	..	362	1,652	364
	Total, Godávari ..	(a) 476	..	..	476	3,638	963
Kistna	Kara cashew nut	4	..	..	4	..	273
	Kodur palmyras	40	..	..	40	6	..
	Gopuvanipalem casuarina, &c.	77	5	..	82	383	850
	Kanukollu casuarina ..	206	..	..	206	215	12
	Allinagaram do. ..	56	..	..	56	118	12
	Bomminampad do. ..	16	..	..	16	..	12
	Vemavarapad do. ..	16	..	..	16	..	12
	Vanudurru do. ..	26	..	..	26	..	12
	Gollapalem soap nut	390	..	..	390	60	..
	Gavaravaram (Nim) ..	30	..	..	30	..	..
	Bapatla casuarina	26	30	..	56	..	252
	Karlapalem (mixed)	104	..	..	104	..	457
	Vedullapalli	13	..	..	13	..	15
	Wadarenu casuarina	72	..	..	72	..	15
	Nayanipalli do.	14	..	..	14	..	15
	Pandillapalli do.	15	..	..	15	..	15
	Orr's reserve palmyra ..	123	..	..	123	..	..
	Tummurukodu I Nim and Babul.	24	..	..	24	..	..
	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
	Aremanibanda (b)	4	..	..	4	..	..
	Pullalamadugu (b)	55	..	..	55	..	..
	Pullampet (b)	426	..	..	426	28	72
	Kamalapuram (b)	454	..	..	454	202	132
	Raméswaram (b)	91	..	..	91	80	60
	Total, Cuddapah ..	2,100	..	..	2,100	410	470
Nellore	Dugarazpatam	825	20	..	845	958	998
	Kottapatam	657	70	..	727	3,964	787
	Tamenapatam	579	..	..	579	7,272	356
	Vutukur	180	7	..	187	1	200
	Varini	292	8	..	300	43	206
	Mamandur	9	..	..	9	..	..
	Tummalapenta	100	..	100	..	1,987	52
	Ramapatam	60	..	60	..	675	52
	Kottapatam	146	..	..	146	..	52
	Kanuparti	250	..	..	250	..	54
	Chantrasikuppam	10	..	..	10	..	..
	Total, Nellore ..	3,108	105	160	3,053	14,900	2,757
Chingleput ..	Meeyur Palappur	263	..	..	263	97	123
	Mammandur	3	..	..	3	..	..
	Nazarethpettai	71	..	..	71	7	48
	Wallajabad	15	..	..	15	10	60
	Total, Chingleput ..	352	..	..	352	114	231

(a) As now revised by the Collector. (b) All included in reserved forest.

Area of Plantations, 1895–96—*cont.*

District.	Name of plantation.	Area in acres. On 1st July 1895.	Added during the year.	Excluded during the year.	Area on 30th June 1896.	Receipts. Of the year.	Charges. Of the year.
1	2	3	4	5	6	7	8
	REGULAR PLANTATIONS—*cont.*						
	Central Circle—cont.						
North Arcot ..	Tiruvellum	435	..	..	435	RS. 324	RS. 1,096
	Virinjipuram	260	..	..	260	1	1,996
	Ammundi	160	..	..	160	125	1,451
	Kilminnel	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
South Arcot ..	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
	Donidhurai	105	..	..	105	1,129	179
	Nochikadu	467	..	..	467	1,485	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
Tanjore	Tranquebar I (unreserved land).	52	..	(b) 52	..	..	..
	Tranquebar II (unreserved land).	92	..	(b) 92	..	..	..
	Vettangadi reserved forest ..	453	1	(c) 453	1	..	13
	Kodiampaliam (unreserved land).	60	..	..	60	..	..
	Neidavasal 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	128	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
North Malabar ..	Peria Kanoth teak, bamboo, &c.	224	100	..	324	..	231
	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
	Nellikutta	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 rea 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.

Area of Plantations, 1895–96—*cont.*

District.	Name of plantations.	Area in acres. On 1st July 1895.	Added during the year.	Excluded during the year.	Area on 30th June 1896.	Receipts. Of the year.	Charges. Of the year.
1	2	3	4	5	6	7	8
	Regular Plantations—*cont.*						
	Southern Circle.—cont.						
Nilgiris ..	Madumalai	61	..	36	25	RS. ..	RS. 125
	Benne	40	..	..	40	..	192
	Northern Hay	23	..	..	23	..	..
	Chemmanguli	33	..	8	25	..	..
	Muthanad	95	..	15	80	429	..
	Brook lands	10	5	..	15	..	..
	Marliamund	11	..	..	11	..	..
	Therma tope	..	6	..	6	..	..
	Snowdon	7	8	..	15	..	..
	Governor's shola	277	..	66	211	1,063	288
	Aramby	251	..	42	209	1,949	..
	Cairn Hill	188	..	83	105	1,644	..
	Chinna Kunnur	147	..	147	..	..	..
	Arnakal	..	9	..	9	..	..
	Fern hill	..	10	..	10	..	..
	Deva shola	14	..	10	4	..	..
	Black bridge	56	..	..	56	..	..
	Bleak house	87	..	..	87	..	..
	Bandy shola	95	..	1	94	39	..
	Coonoor peak	240	..	34	206	334	..
	Teppakuchi	35	..	1	34	..	..
	Rallia	138	..	33	105	3	..
	Kullar	240	..	..	240	..	125
	Municipal assessment ..	..	..	..	..	..	1,853
	Total, Nilgiris ..	2,048	(a) 38	(b) 476	1,610	5,461	2,583
South Coimbatore.	Tunacadava Nos. I to IV ..	28	..	..	23	..	(c) 250
Madura	Vannathi Parai teak plantation.	7	..	..	7	..	..
	Post office plantation ..	8	..	..	8	..	..
	Vilancombie teak plantation.	4	..	..	4	..	..
	Pumbarai Acacia plantation.	3	..	..	3	..	..
	Kodaikanal scattered plantation.	3	..	..	3	..	..
	Gundan shola plantation ..	146	22	..	168	1,847	527
	Thenur	12	..	..	12	..	..
	Thovariman	21	..	..	21	..	..
	Total, Madura ..	204	22	..	226	1,847	527
	Total, Southern Circle ..	7,174	191	478	6,887	20,048	10,297
	Grand Total, Regular plantations.	22,620	445	4,998	18,067	73,241	34,070
	Cultural Operations.						
	Northern Circle.						
Ganjám ..	....	402	3	1	404	20	295
Vizagapatam ..	....	..	..	..	..	..	41
Gódávari ..	....	..	..	..	..	..	..
Kistna ..	....	(d) 62 (g)	..	..	62	55	1,068
Kurnool ..	....	..	..	..	..	..	(e) 36
Bellary ..	....	340	18	..	358	..	(f) 642
Anantapur ..	....	(g) 52	..	..	52	158	..
	Total, Northern Circle ..	856	21	1	876	233	2,082

(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. On 1st July 1895.	Added during the year.	Excluded during the year.	Area on 30th June 1896.	Receipts. Of the year.	Charges. Of the year.
1	2	3	4	5	6	7	8
	Cultural Operations—*cont.*						
	Central Circle.						
Cuddapah	....	593	8	..	[illegible]	RS. ..	RS. (a) 237
Nellore	....	1,072	60	..	1,132	..	239
Chingleput ..	....	..	..	..	..	..	4
North Arcot ..	....	1,407	155	..	1,562	7	1,882
South Arcot ..	....	1,326	164	..	1,490	..	1,411
Trichinopoly ..	....	Mls. 100	104	10	Mls. 100 94	2,334	64
Tanjore	....	1,208	40	..	1,248	..	24
	Total, Central Circle ..	5,606 Mls. 100	531	10	6,127 Mls. 100	2,341	3,861
	Southern Circle.						
North Malabar ..	....	109	..	109	..	..	..
Nilgiris	....	67	414	(a) 2	479	..	1,150
South Coimbatore ..	....	(b) 66	109	..	175	..	1,240
Tinnevelly ..	....	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	8,795
	Total, Regular Plantations and Cultural Operations, Northern Circle.	2,725	156	1	2,880	4,653	10,595
	Total, Regular Plantations and Cultural Operations, Central Circle.	19,183 Mls. 100	650	4,530	15,303 Mls. 100	51,114	19,121
	Total, Regular Plantations and Cultural Operations, Southern Circle.	10,759	780	602	10,937	20,048	13,149
	Grand Total ..	32,667 Mls. 100	1,586	5,133	29,120 Mls. 100	75,815	42,865

(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 Form No. 54.

Forest Department, Madras Presidency.

Annual list of topes.

Districts.	Taluk or Range.	No.	Name of tope.	Chief trees.	Area.	Cost. During year.	Cost. To end of year.	Remarks.
				Northern Circle.				
					ACS.	RS.	RS.	
Ganjám.	Berhampur ..	3	....	Miscellaneous	13	..	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	
Gódávari.	....		....	....	..	..	..	
Kistna.	Bandur ..	1	Bombay basin tope ..	Casuarina	14	60	..	
		2	Bandur nursery and Collector's cutcherry compound.	Graft mangoes	4	..	..	
		3	Bandur Tahsildar's cutchery compound.	Do. and tamarind.	4	125	..	
	Bezwada ..	4	Nandigáma	Margosa	11	..	..	
		5	* Do. Tahsildar's cutcherry compound.	Margosa and mangoes, &c.	..	20	..	
		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	
Kurnool.	Ramallakot.	1	China Tekur	Tamarind and mango trees.	7	..	..	
		2	Ulindakonda	Do. do.	7	..	..	
		3	Veldurti (Brahmagundum.	Do. do.	24	..	..	
		4	Udumalapad	Do. do.	5	..	..	
		5	Pyalakurti	Do. do.	6	..	..	
		6	Kottapalli	Do. do.	6	..	..	
		7	Tamarajupalli	Do. do.	4	..	..	
		8	Kuruva Nágalápuram ..	Do. do.	11	..	..	
				Total ..	70	..	..	
	Pattikonda.	9	Kodumur	Tamarind and mango trees.	3	..	..	
		10	Karevemula	....	6	..	..	
		11	Billikallu	....	5	..	..	
		12	Yenugamarri	....	6	..	..	
		13	Chenchu Yerragudi ..	....	9	..	..	
		14	Pattikonda Munro's tope.	....	17	104	..	
		15	Kristipad	....	3	..	..	
		16	Alavakonda	....	2	..	..	
		17	Jammulavaridinni ..	....	3	..	..	
		18	Rupanagudi	....	1	..	..	
				Total ..	55	104	..	
	Nandikotkur.	19	Vipanagundla	....	2	..	..	
		20	Nandikótkur	....	3	80	..	
				Total ..	5	80	..	
	Nandyal ..	21	Kakanur	....	25	..	..	
		22	Ayalur	....	4	..	..	
				Total ..	29	..	..	
	Sirvel ..	23	Nallaguntla	....	6	..	..	
		24	Govindapalli	....	10	..	..	
				Total ..	16	..	..	
	Cumbum ..	25	Surepalli	....	4	..	..	
		26	Bestwarapeta	....	9	..	..	
				Total ..	13	..	..	

* Added during the year.

Annual list of topes—*cont.*

Districts.	Taluk or Range.	No.	Name of tope.	Chief trees.	Area.	Cost. During year.	Cost. To end of year.	Remarks.
				Northern Circle—cont.				
					ACS.	RS.	RS.	
Kurnool—*cont.*	Markapur ..	27	Markapur	....	8	..	..	
		28	Dupad	....	4	..	..	
		29	Ramachendrakota ..	....	2	..	..	
				Total ..	14	..	..	
		(a) 29		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	Mullapuram	Do.	5	52	..	
		9	Udegolam	Do. and margosa ..	5	..	..	
	Kúdligi ..	10	Appinakeri	Mango, &c.	5	..	..	
		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	..	..	
	Adóni ..	18	Lingadahalli	Do. ..	16	..	..	
		19	Alur	Tamarind and Ippa ..	20	..	..	
		20	Aspari	Do. ..	8	60	..	
		21	Kokkarachedu	Tamarind	1	..	..	
		22	Neraniki	Do.	5	..	..	
		23	Suluvaye	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	60	..	
		30	Yemmiganur	Mango, &c.	5	..	..	
		* 30		Total, Bellary ..	212	283	2,009	
Anantapur.	Gooty ..	10	Amaroy and jali	Palmyra, babul and tamarind.	184	118	..	
	Muchukota.	20	Do.	Do. do.	689	227	..	
	Dharmavaram.	29	Do.	Do. do.	1,555	180	..	
	Penukonda.	15	Do.	Do. do.	310	72	..	
	Hindúpur ..	16	Do.	Do. do.	121	76	..	
	Madakasira.	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.	Kódúru ..	1	Chinnaorampad	Mango	8	..	805	
		2	Anantampalli	Do. albizzia	6	33	742	
		3	Kódúr	Do. tamarind	7	..	1,548	
		4	Periyavaram	Palmyra	24	..	183	
		4		Total ..	45	33	3,278	
	Rázampéta.	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	Kondúr	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 list of topes—*cont.*

Central Circle—cont.

Districts.	Taluk or Range.	No.	Name of tope.	Chief trees.	Area.	Cost. During year.	Cost. To end of year.	Remarks.
					ACS.	RS.	RS.	
Cuddapah—*cont.*	Badvel	1	Bagulakunta	Margosa, &c.	2	..	766	
		2	Badvel	Do.	13	..	579	
		3	Janikiramayyapatti	Do.	12	..	546	
		4	Venkatapuram	Tamarind, &c.	12	..	453	
		5	Porumavilla	Do.	11	..	380	
		6	Vattamadugu	Do.	13	..	694	
		6		Total	63	..	3,418	
	Proddatur	1	Chinte kunta	Mango and margosa	25	..	1,447	
		2	Maidukur	Do. and tamarind	7	..	323	
		2		Total	32	..	1,770	
	Jammalmadugu.	1	Diguvapatnam	Mango	11	..	1,638	
		2	Muddanur	Margosa and dirisanam	5	..	621	
		3	Vomiguttapalli	Do. do.	2	..	323	
		4	Ponnatota	Casuarina	2	..	460	
		5	Talla Proddatur	Margosa and dirisanam	86	..	1,954	
		6	Kodur	Do. do.	21	..	2,105	
		7	Pottipaudu	Do. do.	99	..	861	
		8	Kondapuram	Do. and palmyra	25	..	1,262	
		9	Gandulair	Do. do.	58	..	3,918	
		9		Total	309	..	13,142	
	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. do.	4	..	691	
		7	Mallela	Do. do.	6	..	419	
		8	Nidivelagula	Babul	15	..	145	
		9	Kasanur	Do.	7	..	164	
		10	Balapanur	Do.	20	..	176	
		10		Total	638	60	5,988	
	Cuddapah	1	Ootakur	Mango	2	..	449	
		2	Kokatam	Margosa and dirisanam	12	..	729	
		3	Erraguntla	Do. do.	5	..	954	
		4	Kondur	Mango	19	..	137	
		5	Pushpagiri	Margosa and dirisanam	7	..	289	
		6	Appayapalli	Casuarina	93	..	3,520	
		7	Gudur	Palmyra, margosa and albezzia tella tumma.	40	..	10	
		7		Total	178	..	6,158	
	Kadiri	1	Tsadam	Margosa and dirisanam	10	..	194	
		2	Odulapalli	Do. do.	12	..	240	
		3	Saidapuram	Palmyra	5	..	490	
		4	Kadiri	Margosa and dirisanam	5	..	754	
		5	Obuladevara cheruvu	Do. do.	12	..	325	
		6	Gangapalli	Do. do.	8	..	219	
		7	Dhavayani cheruvu	Do. do.	8	..	173	
		8	Kurli	Do. do.	13	..	343	
		8		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	..	..	
		6	Thettoo	Margosa, dirisanam, &c.	8	..	10	
		7	Horsleykonda	Mango, orange, coffee and ornamental trees.	3	21	654	
		7		Total	65	81	7,074	

Annual list of topes—*cont.*

Central Circle—cont.

Districts.	Taluk or Range.	No.	Name of tope.	Chief trees.	Area.	Cost. During year.	Cost. To end of year.	Remarks.
					ACS.	RS.	RS.	
Cuddapah—*cont.*	Ráyachóti	1	Guvvalacheruvu	Margosa and tamarind	14	..	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	..	189	
		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	71		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 illuppai	5	..	891	
				Total	60	5	7,084	
Chingleput.	Saidapet	7	Homes Garden	Korukapuli, mangoes, tamarind, coccanut and wood-apple, &c.	26	72	1,898	
		8	Marmalong Bridge tope.		3	60		
				Total	29	132	1,898	
	Tiruvallúr	9	Tiruvallúr	Mango, tamarind and margosa.	5	..	2	
		10	Periaeuppam	Margosa and mangoes	3	..		
		10		Total	8	..	2	
				Miscellaneous charges	..	132	266	
				Total, Chingleput	97	269	9,250	
North Arcot.	Chittoor	3	....	Tamarind, mango, teak, palmyra, cocoanut, casuarina and illuppai.	138	84	2,146	
	Chandragiri	4	....	Mango, fig, palmyra, nim, tamarind and wood-apples.	26	..	2,232	
	Palmanér	8	....	Mango, illuppai, tamarind, cocoanut, casuarina and eucalyptus.	176	42	10,260	
	Gudiyáttam	3	....	Babul, palmyra, nagai, date, mango, wood-apple, cocoanut, tamarind, orange and banyan.	55	42	16,598	
	Vellore	9	....	Casuarina, mango, illuppai, wood-apple, tamarind, palmyra, teak and babul.	994	235	4,711	
	Polur	8	....	Tamarind, casuarina, palmyra, mango, goa, banyan, fig, jack, orange, wood-apple, babul, date, cocoanut, soapnut and lime.	59	42	1,226	
	Arcot	7	....	Mango, tamarind, illuppai, palmyra, date, casuarina, goa and banyan.	119	..	524	
	Wallajah	13	....	Mango, illuppai, nagai, casuarina, tamarind, babul, &c.	207	48	6,863	
	Wandiwash	16	....	Tamarind, mango and palmyra.	164	36	222	
		71		Total, North Arcot	1,938	529	44,782	

Annual list of topes—*cont.*

District.	Taluk or Range.	No.	Name of tope.	Chief trees.	Area.	Cost. During year.	Cost. To end of year.	Remarks.
			Central Circle—cont.		ACS.			
South Arcot.	No. I, Tiruvannámalai.	1	Tandrampet	Tamarind and illuppai ..	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	Mudiyanur	Tamarind, illuppai ..	5	..	..	
		7	Nallur	Tamarind and illuppai ..	2	..	..	
		8	Kilnattur	Do. do. ..	6	..	..	
		9	Attandal	Illuppai and nagai ..	4	..	..	
		10	Savalpundi	Illuppai, vemboo 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	Nadalagananda	Illuppai	5	..	..	
		17	Nathangal	Illuppai, katwagai and poovarasam.	1	..	..	
		18	Damarakulam	Illuppai and katwagai ..	3	..	..	
		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	..	..	
	No. II, Tindivanam.	26	Kallimedu	Tamarind and illuppai ..	1	..	..	
		27	Relief camp .. .	Mango, red sanders, valvelangu, ceara rubber peblian, kegglu, ponata, sissu and cashew.	6	..	..	
		28	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	..	..	
	No. III, Villupuram.	34	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	..	..	
	No. IV, Cuddalore, Cuddalore taluk.	40	Poongunam	Tamarind, mango and babul-portia.	7	..	..	
	Chidambaram taluk.	41	Melkondalavadi	Tamarind, &c., 40 species.	13	..	..	
		42	Palaman	*Nil*	2	..	..	
	No. V, Tirukkóyilúr.	43	Vannankuttai	Illappai and konnai ..	3	..	..	
	No. VI, Kallakurchi.	44	Kasha nursery	Mango, tamarind, vila, palmyra.	6	..	..	
		45	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	..	..	

Annual list of topes—*cont.*

District.	Taluk or Range.	No.	Name of tope.	Chief trees.	Area.	Cost. During year.	Cost. To end of year.	Remarks.
			Central Circle—cont.		ACS.		RS.	
South Arcot—*cont.*	No. VI, Kallakurchi—*cont.*	50	Sankarapuram, south ..	Mango	9	..	..	
		51	Puttai	Do.	11	..	..	
		52	Kattuvanyur	Do.	30	..	..	
		53	Kattukudi	Tamarind and illuppai ..	8	..	..	
		54	Kallakkurichi	Mango and tamarind ..	1	..	..	
	No. VII, Vriddhachalam.	55	Vallimarudam	Tamarind and palmyra ..	6	..	..	
	No. II, Tindivanam.	56	Tindivanam, Depôt ..	Mellingtomu, &c.	1	..	..	
		57	Murungapakam	Sissur, peltaphorum and cashew.	6	..	..	
		58	Allamputtur	Mango, tamarind and illuppai.	19	..	..	
		59	Sirunampundi	Tamarind and mango ..	2	..	..	
		60	Surappa Naicken tope ..	Tamarind, illuppai, palmyra and vembu.	2	..	..	
	No. III, Villupuram.	61	Salaiyumpaliem	Illuppai and mango ..	5	..	..	
		62	Mathur	Mango and palmyra ..	2	..	..	
	No. VI, Kallakurchi.	63	Neelamungalam	Nagai, mango and tamarind.	89	..	..	
		64	Yemaputtur	Tamarind	13	..	..	
		65	Urangam	Tamarind, nagai and velwel.	13	..	..	
		66	Karunguli	Do. do. ..	3	..	..	
	No. VII, Vriddhachalam.	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	..	..	
		a 70		Total ..	(*b*) 567	..	9,027	
Salem.	Salem, East.	1	Pudur Nursery tope ..	Mango, &c.	2	..	1,416	
		2	Hasthampatti forest bangalow 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 Bangalow tope.	Mango, &c.	2	..	..	
		16	Ayothiyapatnam tope ..	Do.	8	..	1,862	
		17	Kattuveppalapatti 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	..	1,051	
		36	Koneripatti tope ..	Nagai, &c.	30	..	2,636	
		37	Anaikattipolayam 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.	....	20	..	..	
		63	Vellalapatti tope	Tamarind, &c.	2	..	768	
	Tiruppattúr.	6	Koratti palmyra tope ..	Palmyra, &c.	11	..	263	
		7	Tiruppattúr 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	
		14	Thamalari 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	Nallerkadiranampalli Railway bungalow tope.	Thurinji, &c	24	..	..	
	Námakkal.	13	Paramathi (new) tope ..	Tamarind, &c.	2	..	110	
		15	Nallur tope	Do.	8	..	210	
		18	Valur do.	Cocoanut, &c.	5	..	230	
		19	Maniyanur tope	Tamarind, &c.	1	..	210	
		20	Manapally do.	Do.	2	..	..	
		23	Moganur north (new) tope.	Do.	11	..	..	
		24	Forest range office tope.	....	1	..	..	
		21	Moganur old tope ..	Tamarind, &c.	4	..	..	
		22	Moganur nadu new tope.	Do.	8	..	..	
	Tiruchengod.	1	Palbavy tope	Do.	8	..	446	
		3	Madasappan tope	Do.	42	..	334	

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

Annual list of topes—*cont.*

District.	Taluk or Range.	No.	Name of tope.	Chief trees.	Area.	Cost. During year.	Cost. To end of year.	Remarks.
			Central Circle—cont.					
					ACS.		RS.	
Salem—*cont.*	Tiruchengod—*cont.*	9	Arumugathan kuttai tope.	Palmyra, &c.	16	..	1,001	
		10	Pavadi tope	Do.	3	..	..	
		13	Railway station tope	Mango, &c.	6	..	..	
	Salem, west	40	Atur Railway station tope.	Tamarind, &c.	3	..	261	
		41	Kodiyampett tope	Do.	10	..	1,369	
		42	Thasasamudram tope	Margosa, &c.	34	..	2,139	
		43	Pannappatu or Poojaripatti tope.	Tamarind, &c.	18	..	1,471	
		44	Chickanampatti tope	Mango, &c.	15	..	674	
		49	Omalur (old) Mango tope.	Do.	7	..	1,084	
		53	Omalur tope opposite to bungalow.	Margosa, &c.	5	..	..	
		56	Nangapalli Pulikuttiyeri tope.	Do.	10	..	517	
		57	Nangapalli Shandai tope.	Iluppai, &c.	3	..	423	
		58	Nangapalli, Mecheri or Kuttappatti tope.	Do.	16	..	349	
		59	Pachanampatti tope.	Karuvela, &c.	6	..	852	
	Atur	1	Puthragoundanpalayam tope.	Mango, &c.	32	..	1,258	
		2	Kututkuttai tope	Cocoanut, &c.	9	..	1,011	
		6	Animapalayam tope	Tamarind, &c.	8	..	753	
		7	Thedavur tope	Do.	7	..	571	
		9	Ichampatti tope	Cocoanut, &c.	3	..	404	
		13	Munjari tope	Tamarind, &c.	2	..	575	
		15	Atur Forest-office tope	Margosa (Vembu) &c.	..	..	65	
	Uttangarai	1	Samulpatti tope	Tamarind, &c.	9	..	18	
		2	Arbuthnot do.	Do.	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	
		23	Thirthamalai do.	Do.	8	..	1,599	
		24	Byerinayakampatti 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	
	Hosur	1	Hosur yeri tope	Casuarina, &c.	10	..	588	
		4	Jubee tope	Pungam, &c.	4	..	484	
		5	Andivadi A tope	Casuarina, &c.	4	..	256	
		6	Do. B do.	Naga, &c.	8	..	436	
		7	Do. C do.	Iluppai, &c.	12	..	637	
		8	Do. D do.	Seemai avaram	19	..	994	
		9	Do. E do.	Pungam, &c.	3	..	148	
		10	Kattur A tope	Do.	19	..	244	
		11	Do. B do.	Seemai avaram	131	..	1,587	
		12	Do. C do.	Nagai, &c.	20	..	251	
		14	Bommandapalli A tope	Pungam, &c.	12	..	440	
		16	Do. C do.	Mango, &c.	28	..	1,063	
		17	Jeegoor tope	Do.	24	..	902	
		19	Naribalkonda tope	Do.	2	..	127	
		20	Medegarapalli tope A	Casuarina, &c.	18	..	1,239	
		22	Sanamavoo tope	Mango, &c.	5	..	234	
		29	Samanappalli tope	Nagai, &c.	12	..	924	
		32	Denkanikota A tope	Pungam, &c.	6	..	550	
		33	Do. B do.	Do.	1	..	131	
		34	Do. C do.	Do.	3	..	315	
		35	Panchatchipuram A tope.	Mango, &c.	33	..	1,954	
		37	Kalamangalam tope	Vagai, &c.	3	..	299	
		43	Denkanikottah Forest office.	....	11	..	..	
		44	Small plantation in front of Denkanikottah Forest-office.	....	1	..	..	
	Dharmapuri	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.	5	..	562	
		9	Nallampalli A tope	Do.	4	..	..	

Annual list of topes—*cont.*

District.	Taluk or Range.	No.	Name of tope.	Chief trees.	Area.	Cost. During year.	Cost. To end of year.	Remarks.
			Central Circle—cont.					
					ACS.	RS.	RS.	
Salem—*cont.*	Dharmapuri—*cont.*	10	Nallampalli B tope	Tamarind, &c.	9	..	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	....	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	Trichinopoly	1	Yedamalaipatti	Mango, &c.	4	..	293	
		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.				
	Kulittalai	11	Seerungamani	Do.	6	..	..	
		12	Kannundayampatti	Tamarind	2	..	168	
		13	Rajendram	Mango, &c.	1	..	..	
	Musiri	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	..	..	
	Perumbalur.. Udaiyárpálaiyam.	17	Yesanai	Mango, &c.	9	57	382	
		18	Vaipur	Do.	2	..	..	
		18		Total, Trichinopoly	73	57	1,874	
	Total, Central Circle	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, Mahoghany, Ficus, Elestica, Dendracalamus Brandesse.*	20	400 †(*a*) 257	4,584	
		2	Tholpatty orange topes	Orange trees	..	..	..	
				Total, North Malabar	20	657	4,584	
South Malabar.	Palghat	1	Pulliampalli	Mango, *pungamia Glabra, Tamarindus Indica Terminalia, Panitulata 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 Méttúr 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.

Annual list of topes—*cont.*

District.	Taluk or Range.	No.	Name of tope.	Chief trees.	Area.	Cost. During year.	Cost. To end of year.	Remarks.
			Southern Circle—cont.		ACS.	RS.	RS.	
Coimbatore (North).	Erode ..	1	Odathalampathi	Sandalwood	16	154	..	Included in the tracts proposed for reservation.
		2	Nadupatti	*Acacia, Albizzia Amara and Lebbek, Melia and Satinwood.*	194			
		3	Attavanai	Palmyra trees	52			
		4	Vellodu	Do.	55			
	Bhavâni ..	5	Nerinjipett	*Acacia Arabica*	*..			
		(a)5		Total, Coimbatore (North) ..	317	154	* ..	
Coimbatore (South).	Udamalpet.	1	Avanasipalayam	Palmyra	8	..	2,061	
		2	Kattur	Do.	8	..	..	
		3	Naranapuram	Do.	6	..	..	
		4	Pongalur	Tamarind	1	..	..	
		5	Karadibani	Do.	6	..	..	
		6	Sulur	Do.	5	..	..	
		7	Vadugapalayam	Pasturage	29	..	188	
		8	Kethanur	Do.	13	..	238	
		9	Chitambalam	Do.	11	..	..	
		10	Appanaikenpatti	Do.	10	..	..	
		11	Selakarichal	Do.	5	..	..	
		12	Oddarpalayam	Do.	7	..	..	
	Méttupalaiyam.	13	Avanashi	Palmyra	70	..	2,186	
		14	Avanashilingampalayam..	Do.	13	..	323	
		15	Kandiyancoil	Do.	16	..	..	
		16	Naduvacheri	Tamarind	5	..	..	
		17	Mathapur	Pasturage	5	..	..	
		18	Nilambur	Do.	10	..	..	
		19	Irugur	Palmyra	19	..	..	
		20	Kandiankovil	Tamarind	8	..	254	
	Bolampatti.	21	Komarapalayam	Palmyra	8	..	..	
		22	Chitrachavadi	Do.	2	..	..	
		23	Valankolam tope at Coimbatore.	Cocoanut	2	..	..	
		23		Total, Coimbatore (South) ..	267	..	5,250	
Madura..	..	(b) 24	....	....	91	..	18,893	
Tinnevelly.	*Tinnevelly Sub-Range.*							
	Tinnevelly taluk.	1	Nursery garden near Sulochanam bridge.	Mango, tamarind, gooseberry and palmyras.	3	73	1,166	As per last year's list the number of topes was 28
		2	Huzur Cutcherry compound.	Do. do.	20	..	..	Deduct topes transferred from the forest management .. 21
	Central Range.							
	Sankaranayinárkóyil.	3	Vasudevanallur tope ..	Bamboos	1	..	553	
		4	Do. river bank	Mango and banian	3	..		
	Tenkási taluk.	5	Kuthalam tope	Mango, jack and illuppai.				
		6	Melagaram tope	Mango, jack and vengai..	40	10	.. 10	Balance .. 7
	Ottappidaram Sub-Range.							Added during the year in Tenkási taluk.. .. 2
	Ottappidáram taluk.	7	Sevandakulam	Casuarina and jack ..	5	..	240	
		8	Ottappidáram cusbah ..	Mango, bamboos illuppai and vagai.	6	..	111	Total .. 9
	Nángunéri Sub-Range.							
	Nángunéri taluk.	9	Kalakad channel bank ..	Tamarind and nim ..	6	..	138	
		9		Total, Tinnevelly ..	84	83	2,218	
Total, Southern Circle ..		64		Total, Southern Circle ..	799	894	30,954	
Grand Total, Presidency.		605		Grand Total, Presidency..	10,513	3,726	2,79,249	

* 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.

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

District.	Timber in the rough logs. Government.	Purchasers.	Free-grantees.	Right-holders.	Total.	Timber in the rough poles. Government.	Purchasers.	Free-grantees.	Right-holders.	Total.	Sawn or squared timber. Government.	Purchasers.
1	2	3	4	5	6	7	8	9	10	11	12	13
Northern Circle.												
Ganjám ..	14,998	52,288	..	..	67,286	70	81,203	2,116	..	83,389	..	860
Vizagapatam ..	721	27,823	2,120	..	30,664	38	48,583	..	..	48,621	..	2
Gódávari ..	..	222,403	36	..	222,439	148	15,067	973	..	16,188	..	12,757
Kistna ..	..	..	..	..	..	..	..	..	..	..	..	..
Kurnool ..	536	239,212	10,050	..	249,798	.. 45	..	..	..	.. 45	4,620	84,153
Bellary ..	..	10,660	..	..	10,660	53,008	..	152	..	53,160	..	..
Anantapur ..	..	21,185	..	..	21,185	..	..	211	..	211	..	656
Total ..	16,255	573,571	12,206	..	602,032	53,309	144,853	3,452	..	201,614	4,620	98,428
Central Circle.												
Cuddapah ..	..	..	..	..	..	..	..	..	..	..	..	8,105
Nellore ..	2,143	184,528	28,144	..	214,815	..	..	..	..	..	..	3,644
Chingleput ..	..	33,738	..	..	33,738	..	..	..	..	..	..	2,591
North Arcot ..	..	..	..	..	..	..	..	..	..	..	..	..
South Arcot ..	2,133	..	..	..	2,133	..	3,217	..	..	3,217	..	..
Salem ..	..	..	..	..	..	..	..	..	..	..	..	..
Trichinopoly ..	..	84,075	4,337	..	88,412	..	..	..	..	..	..	432
Tanjore ..	..	..	..	..	..	..	..	..	..	..	..	..
Total ..	4,276	302,341	32,481	..	339,098	3,217	..	..	..	3,217	..	14,772
Southern Circle.												
South Canara ..	7,415	10,384	..	..	18,774	..	..	..	..	..	941	..
North Malabar ..	50,700	2,102	975	..	53,256	18	576	..	..	594	2,233	..
South Malabar ..	85,780	40,002	454	..	125,782	12,912	..	..	..	16,113	11,503	3,058
Nilgiris ..	..	..	..	..	..	..	..	..	..	..	32,608	..
North Coimbatore ..	..	..	..	..	..	..	7,628	..	..	7,628	3,216	10,537
South Coimbatore ..	..	7,354	..	..	7,354	3,056	..	..	..	3,056	55,473	8,641
Madura ..	14	6,907	..	..	6,921	..	..	235	..	235	1,027	2,690
Tinnevelly ..	..	..	..	..	..	..	..	..	..	..	11,285	10,202
Total ..	143,909	66,749	1,429	..	212,087	15,986	8,204	235	3,201	27,626	118,286	35,028
Grand Total ..	164,440	942,661	46,116	..	1,153,217	72,512	153,057	3,687	3,201	232,457	122,906	148,228

* Not known.

Outturn (in cubic feet, solid) of timber and fuel during the year 1895–96 and agency of exploitation—*cont.*

District.	Sawn or squared timber—*cont.*			Miscellaneous.					Fuel.					Total.
	Free-grantees.	Right-holders.	Total.	Government.	Purchasers.	Free-grantees.	Right-holders.	Total.	Government.	Purchasers.	Free-grantees.	Right-holders.	Total.	Outturn.
	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Northern Circle.														
Ganjám	..	..	860	5,685	33,160	..	..	38,845	..	705,727	..	..	705,727	896,107
Vizagapatam	..	..	2	..	3,737	..	..	3,737	7,845	499,825	..	..	507,670	590,694
Gódávari	..	..	12,757	..	..	400	..	400	50	646,181	5,000	..	651,231	903,015
Kistna	..	..	..	5,270	277,317	6,714	..	289,301	3,348	462,510	..	..	465,858	755,159
Kurnool	..	* ..	88,773	591	..	..	* ..	591	17,000	424,575	..	* ..	441,575	780,782
Bellary	..	..	..	..	279,512	..	..	279,512	396,045	405,600	..	..	801,645	1,144,977
Anantapur	..	..	656	..	16,816	..	..	16,816	..	115,706	..	..	115,706	154,574
Total	..	..	103,048	11,546	610,542	7,114	..	629,202	424,288	3,260,124	5,000	..	3,689,412	5,225,308
Central Circle.														
Cuddapah	..	..	8,105	42,783	215,924	..	..	258,707	115,049	809,072	..	..	924,121	1,190,933
Nellore	..	..	3,644	..	..	..	..	..	199,700	207,580	584	..	407,864	626,323
Chingleput	..	..	2,591	..	16,434	1,840	..	18,274	1,538	104,360	178	..	106,076	160,679
North Arcot	..	..	..	49 † 13	10,751	8,278	..	19,091	249,456	381,539	..	..	630,995	653,303
South Arcot	..	..	..	† 2	29,201	..	..	29,203	91,562	543,341	400	..	635,303	666,639
Salem	..	..	..	1,137 † 1,313	173,245	1,932	..	177,627	578,840	595,820	..	..	1,174,660	1,352,287
Trichinopoly	..	..	432	..	..	..	..	..	259,437	1,530,536	160	..	1,790,133	1,878,977
Tanjore	..	..	..	..	21,700	..	..	21,700	6,420	302,220	..	..	308,640	330,340
Total	..	..	14,772	45,297	467,255	12,050	..	524,602	1,502,002	4,474,468	1,322	..	5,977,792	6,859,481
Southern Circle.														
South Canara	..	..	941	..	..	..	..	..	12,146	719,360	3,000	..	734,506	754,221
North Malabar	..	..	2,233	..	45	..	..	45	..	864	2,752	..	3,616	59,744
South Malabar	..	..	14,561	135	14,485	..	..	14,620	753	127,609	..	..	128,362	299,438
Nilgiris	..	..	32,608	† 614	13,784	400	625	15,423	355,564	19,007	..	45	374,616	422,647
North Coimbatore	351	..	14,104	† 764	..	..	..	764	3,337	163,290	..	..	166,627	189,123
South Coimbatore	..	..	64,014	3,987	6,048	..	..	10,035	176,650	752,976	..	..	929,626	1,014,085
Madura	..	..	3,717	105	16,054	..	..	16,159	53,727	214,382	..	..	268,109	295,141
Tinnevelly	728	..	22,215	1,170	5,722	232	..	7,124	369,094	1,078,845	..	..	1,447,939	1,477,278
Total	1,079	..	154,393	6,775	56,138	632	625	64,170	971,271	3,076,333	5,752	45	4,053,401	4,511,677
Grand Total	1,079	..	272,213	63,618	1,133,935	19,796	625	1,217,974	2,897,561	10,810,925	12,074	45	13,720,605	16,596,466

* Not known. † Sandalwood.

Annual Form No. 56.

Forest Department, Madras Presidency.

Outturn of minor forest produce during the year 1895–96.

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
Northern Circle.			RS.	NO.	RS.		RS.		RS.	NO.	RS.
Ganjám	Bamboos	..	..	1,777,270	7,215	..	..	..	..	1,777,270	7,215
				CARTS.						CARTS.	
	Nux vomica	..	..	2	3	..	..	..	..	2	3
	Myrobolam	..	..	13	20	..	..	..	..	13	20
	Barks	..	..	8	60	..	..	..	..	8	60
	Stone, gravel and earth	..	..	6,070	408	..	..	..	..	6,070	408
	Leaves	..	..	739	230	..	..	..	..	739	230
				MDS.						MDS.	
	Other produce	..	..	15	30	..	..	..	..	15	30
	By lease	..	..	..	2,740	..	* 400	..	..	..	3,140
	Total	..	..	..	10,706	..	400	..	..	..	11,106
Vizagapatam	Bamboos	..	..	NO. 1,803,600	11,057	..	..	..	..	NO. 1,803,600	11,057
		MDS.		..		..	..	..	..	MDS. 50,354	
	Grass	50,354	214	MDS. 11,487		..	..	..	..	13,275	
				C. L.						C. L.	
	Other produce	1,788		5,423	9,709	..	..	..	..	5,423	9,928
				MDS.						MDS.	
	Tamarind	..	..	87,523		..	..	..	..	87,523	
	Gallnuts	..	..	17,760		..	..	..	..	17,760	
	Barks	..	..	22,825		..	..	..	..	22,825	
	Total	..	214	..	20,766	..	..	..	..	..	20,980
Gódávari	Bamboos	..	..	NO. 9,470,523	51,103	..	..	..	..	NO. 9,470,523	51,103
				C. L.						C. L.	
	Stone, gravel &c.	..	..	1,492		..	..	..	..	1,492	
	Grass	..	..	..		..	..	..	..	..	
	Leaves	..	..	87		..	..	..	..	87	
	Bark	..	..	45	3,046	..	..	..	..	45	3,046
				MDS.						MDS.	
	Tamarind	..	..	1,228		..	..	..	..	1,228	
	Other produce	..	..	1,119		..	..	..	..	1,119	
	Lease	..	..	..	2,330	..	..	..	..	..	2,330
	Total	..	..	..	56,479	..	..	..	..	..	56,479

* Local khonds were allowed to enjoy free the produce in certain topes.

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

District.	Description of produce.	Produce removed or utilized. By Government Agency. Quantity.	By Government Agency. Value.	By purchasers. Quantity.	By purchasers. Value.	By free grants. Quantity.	By free grants. Value.	By right-holders. Quantity.	By right-holders. Value.	Total. Quantity.	Total. Value.
1	2	3	4	5	6	7	8	9	10	11	12
Northern Circle—cont.											
Kistna	Bamboos	..	RS. ..	NO. 168,820	RS. 568	..	RS. ..	..	RS. ..	NO. 168,820	RS. 568
	Fruits and vegetables	MDS. 14	34	..	..	..	..	..	..	MDS. 14	34
	Palmyra leaves	..	..	1,514,000	17,414	NO. 12,000	12	..	..	NO. 1,526,000	17,426
	Lease	..	..	..	..	..	..	..	..	..	
	Total	..	34	..	17,982	..	12	..	..	..	18,028
Kurnool	Bamboos	NO. 5,280	3	NO. 6,498,000	20,312	..	..	..	..	NO. 6,503,280	20,315
	Tamarind	MDS. 8	1	..	57,508	..	..	..	..	MDS. 8	1
	Other produce	91	54	..		..	..	..	..	91	54
	Lease	..	..	..		..	..	..	..	..	57,508
	Grass	..	..	..	..	C. L. 188	59	..	..	C. L. 188	59
	Total	..	58	..	77,820	..	59	..	..	..	77,937
Bellary	Bamboos	NO. 1,649	145	NO. 91,800	1,818	NO. 646	13	..	..	NO. 94,095	1,976
	Grass and other produce	MDS. 2,908	587	C. L. ..	..	C. L. 32	10	..	..	MDS. 2,908	597
	Barks and leaves	45	13	Auction.	1,33,799	192	60	..	..	C. L. 32	1,33,872
	Stones, gravel, earth, &c.	..	..	C. L. 1,440		..	..	..	..	MDS. 45	
	By auction of other produce	..	..	..		..	..	..	..	C. L. 192 and auction.	
										1,440	
										..	
	Total	..	745	..	1,35,617	..	83	..	..	..	1,36,445
Anantapur	Bamboos	..	..	NO. 9,690	217	..	..	..	..	NO. 9,690	217
	Leaves	..	..	C. L. 406	86,808	..	..	..	..	C. L. 406	86,808
	Stones	..	..	422						422	
	Barks	..	..	5						5	
	By lease	..	..	..						..	
	Total	..	..	..	87,025	..	..	..	..	..	87,025
	Total, Northern Circle	..	1,051	..	4,06,395	..	554	..	..	..	4,08,000

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

District.	Description of produce.	Produce removed or utilized. By Government Agency. Quantity.	By Government Agency. Value.	By purchasers. Quantity.	By purchasers. Value.	By free grants. Quantity.	By free grants. Value.	By right-holders. Quantity.	By right-holders. Value.	Total. Quantity.	Total. Value.
1	2	3	4	5	6	7	8	9	10	11	12
Central Circle.											
Cuddapah	Bamboos	NO. 941	RS. 61	NO. 328,707	RS. 7,469	450	RS. 6	..	RS. ..	NO. 330,131	RS. 7,536
	Gall nuts	MDS. 837	813	..	..	..	..	..	..	MDS. 837	813
	Tamarind	38	119	..	..	..	..	..	..	38	119
	Other produce	469		..	..	..	..	..	..	469	
	Leaves	..	..	C. L. 24,903	83,001	C. L. 436	136	..	..	C. L. 25,339	83,189
	Stones	..	..	2,618		..	..	..	..	C.L 2,618	
	By lease	..	..	..		..	..	..	..	..	
	Grass	..	..	..		C. L. 167	52	..	..	C. L. 167	
	Total	..	993	..	90,470	..	194	..	..	..	91,657
Nellore	Bamboos	..	..	NO. 4,374	176	..	..	..	..	NO. 4,374	176
	Nux vomica	MDS. 1,462	730	..	..	..	..	..	..	MDS. 1,462	730
	Soap nuts	1,782	1,335	..	..	..	..	..	..	1,782	1,335
	Tamarind	350	90	..	..	..	..	..	..	350	90
	Other produce	147	135	..	38,321	..	408	..	..	147	38,864
	Total	..	2,290	..	38,497	..	408	..	..	..	41,195
Chingleput	Bamboos	..	..	NO. 2,535	146	..	..	..	..	NO. 2,535	146
	Stone, gravel and earth	..	..	C. L. 609,150	7,307	..	..	..	..	C.L. 609,150	7,307
	Leaves	..	..	..		..	..	..	..	..	
	By lease	..	..	..		..	..	..	..	..	
	Total	..	..	..	7,453	..	..	..	..	..	7,453
North Arcot	Bamboos	NO. 11,566	1,807	NO. 2,895,414	39,440	..	..	..	..	NO. 2,906,980	41,247
	Other produce	193	39	..	49,467	..	..	..	..	193	49,506
	Thatching grass	..	..	..	..	C. L. 230	72	..	..	C. L. 230	72
		..	1,846	..	88,907	..	72	..	..	..	90,825

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

District.	Description of produce.	Produce removed or utilized. By Government Agency. Quantity.	By Government Agency. Value.	By purchasers. Quantity.	By purchasers. Value.	By free grants. Quantity.	By free grants. Value.	By right-holders. Quantity.	By right-holders. Value.	Total. Quantity.	Total. Value.
1	2	3	4	5	6	7	8	9	10	11	12
Central Circle—cont.											
South Arcot	Bamboos	..	RS. ..	NO. 47,700	RS. 2,751	..	RS. ..	..	..	NO. 47,700	RS. 2,751
	Stone, gravel and earth	..	..	Tons. 5,795	21,536	..	..	..	..	TONS. 5,795	21,536
	By lease	..	..	..		..	..	..	..	..	
	Total	..	..	..	24,287	..	..	..	..	..	24,287
Salem	Bamboos	NO. 3,940	344	NO. 7,747,485	43,772	..	..	..	..	NO. 7,751,425	44,116
	Manure leaves	..	..	TONS. 10,347	40,660	..	..	..	..	10,347	40,660
	By lease	..	..	..		..	..	..	..	..	
	Total	..	344	..	84,432	..	..	..	..	..	84,776
Trichinopoly	Bamboos	..	..	NO. 669,048	3,386	NO. 5,958	48	..	..	675,006	3,434
	Other produce	MDS. 188	80	..	43,552	..	..	..	..		43,632
	Total	..	80	..	46,938	..	48	..	..	..	47,066
Tanjore	Bamboos	..	..	2,863	102	..	..	..	..	NO. 2,863	102
	Grass	..	..	..	5,014	..	..	..	..	..	5,014
	Other produce	..	..	..		..	..	..	..	..	
	Total	..	..	..	5,116	..	..	..	..	..	5,116
	Total, Central Circle	..	5,553	..	3,86,100	..	722	..	..	..	3,92,375
Southern Circle.											
South Canara	Bamboos	..	..	54,770	1,474	..	..	..	..	54,770	1,474
	Catechu	MDS. 1,391	7,383	..	..	..	..	..	..	MDS. 1,391	7,383
	Other produce	299	363	..	19,490	..	50	..	..	..	19,903
	Total	..	7,746	..	20,964	..	50	..	..	..	28,760

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

District.	Description of produce.	Produce removed or utilized. By Government Agency. Quantity.	By Government Agency. Value.	By purchasers. Quantity.	By purchasers. Value.	By free grants. Quantity.	By free grants. Value.	By right-holders. Quantity.	By right-holders. Value.	Total. Quantity.	Total. Value.
1	2	3	4	5	6	7	8	9	10	11	12
Southern Circle—cont.											
North Malabar	Bamboos	..	RS. ..	NO. 2,044	RS. 41	NO. 47,775	RS. 717	..	RS. ..	NO. 49,819	RS. 758
	Gum kino	MDS. 134	1,420	..	..	..	..	..	..	MDS. 134	1,420
	Coffee	SEERS 187		..	..	..	..	..	..	SEERS 187	
	Elephant tusks	LB. 19	76	..	..	..	..	..	..	LB. 19	76
	Other produce	..	13	..	1,295	..	6	..	..	..	1,314
	Total	..	1,509	..	1,336	..	723	..	..	..	3,568
South Malabar	Bamboos	NO. 2,931	503	NO. 181,900	1,920	..	..	..	..	NO. 184,831	2,423
	Honey	LB. 1,353	642	LB. 141	3,893	..	..	..	..	LB. 1,494	4,539
	Wax	293		31		..	..	..	..	324	
	Dammer	5,195		250		..	..	..	..	5,445	
	Cardamoms	66		50		..	..	..	..	116	
	Cheenikai	1,750		7,750		..	..	..	..	9,500	
	Nux vomica	100		..		..	..	..	..	100	
	Deer horns	2		..		..	..	..	..	2	
	Other produce	..	..	..		..	4	..	..	..	
	Total	..	1,145	..	5,813	..	4	..	..	..	6,962
Nilgiris	Bamboos	..	..	NO. 301,959	3,358	..	..	..	..	NO. 301,959	3,358
	Horns	LB. 367	121	..	..	..	..	..	..	LB. 367	121
	Wax	50	37	..	..	..	..	..	..	50	37
	Elephant tusks	16	16	..	..	..	..	..	..	16	16
	Dammer	5	1	..	..	..	..	..	..	5	1
	Gallnuts	MDS. 933	874	..	..	..	..	..	..	MDS. 933	874
	Sheakoy	32	112	..	..	..	..	..	..	32	112
	Bark	5	45	..	..	..	..	..	..	5	45
	Tamarind	244	226	..	..	..	..	..	..	244	226
	Other produce	..	..	..	1,609	..	..	..	..	..	1,609
	Total	..	1,432	..	4,967	..	..	..	..	..	6,399

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

Produce removed or utilized.

District.	Description of produce.	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
Southern Circle—cont.											
North Coimbatore	Bamboos	NO. 6,040	RS. 92	NO. 1,156,290	RS. 7,217	NO. 2,520	RS. 45		RS.	NO. 1,164,850	RS. 7,354
	Sambur horns	MDS. LB. 144 13	726							MDS. LB. 144 13	725
	Deer horns	9 16	190							9 16	190
	Elephant tusks	1 26	147							1 26	147
	Other produce		5		28,174		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
	Sambur horns	12	18							12	18
	Dammer	3	5							3	5
	Wax	10	120							10	120
	Gallnuts	1	1							1	1
	Stones, &c.	23	33	C. L. 1,130	12,643					C. L. 1,130	12,676
	Other produce										
	Total		430		17,117						17,547
Madura	Bamboos			NO. 32,947	2,579	NO. 32,947	2,579			NO. 32,947	2,579
	Other produce				28,371		28,371				28,371
	Total				30,950		30,950				30,950
Tinnevelly	Bamboos			NO. 15,940	1,063					NO. 15,940	1,063
	Other produce	MDS. 58	43		22,153				457		22,653
	Total		43		23,216				457		23,716
Total, Southern Circle			13,464		1,39,754		823		457		1,54,498
Grand total			20,068		9,32,249		2,099		457		9,54,873

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 quantity.	Cubic feet.	Total of each head. Number or quantity.	Total of each head. Cubic feet.
1	2	3	4	5
BALANCE AT COMMENCEMENT OF THE YEAR.				
NORTHERN CIRCLE.				
Timber.				
Ganjám district—				
Sál	..	5,136	..	5,556
Miscellaneous timber ..	..	420		
Kurnool district—				
Teak	..	48	..	2,228
Vengai	..	1,060		
Miscellaneous timber ..	..	1,120		
Bellary district—				
Teak	..	200	..	504
Miscellaneous timber ..	..	304		
Total balance, Northern Circle.				
Timber—				
Teak	..	248	..	8,288
Vengai	..	1,060		
Sál	..	5,136		
Miscellaneous timber ..	..	1,844		
Fuel—				
Kistna district	..	17,179	..	120,075
Kurnool do.	..	25,376		
Bellary do.	..	77,520		
Bamboos—	No		No.	
Kurnool	23	..	23	..
Minor produce—	Mds.			
Vizagapatam district ..	20,722		Mds.	..
Gódávari district ..	100		20,891	..
Kistna district	62	..		
Kurnool district	7			..
CENTRAL CIRCLE.				
Timber.				
Cuddapah district—				
Miscellaneous timber ..	..	669	..	669
Nellore district—				
Miscellaneous timber ..	..	71	..	71
North Arcot district—				
Miscellaneous timber ..	..	(a)8,763	..	8,763
Salem district—				
Teak	..	34	..	100
Miscellaneous timber ..	..	66		
Total balance, Central Circle.				
Timber—				
Teak	..	34	..	9,603
Miscellaneous timber ..	..	9,569		
Sandalwood—				
Salem district	..	601	..	601
Fuel—				
Cuddapah district ..	..	9,234	..	500,271
Nellore do. ..	..	136,240		
North Arcot do. ..	..	329,118		
South Arcot do. ..	..	7,041		
Trichinopoly do. ..	..	16,603		
Salem do. ..	..	2,035		
Bamboos—	No.			
Cuddapah district ..	140	..	No. 1,399	..
North Arcot district ..	1,259	..		
Minor produce—	Mds.			
Cuddapah district ..	4		Mds. 15,737	..
Nellore do. ..	8,624			
South Arcot do. ..	62			
Trichinopoly do. ..	11			
Salem district	7,036			

Particulars.	Number or quantity.	Cubic feet.	Total of each head. Number or quantity.	Total of each head. Cubic feet.
6	7	8	9	10
REMOVED BY PURCHASERS FROM DEPÔTS.				
NORTHERN CIRCLE.				
Timber—				
Teak	..	76	..	22,741
Vengai	..	1,238		
Sál	..	17,620		
Miscellaneous timber ..	..	3,807		
Fuel	..	112,442	..	112,442
CENTRAL CIRCLE.				
Timber—				
Vengai	..	6	..	48,084
Redwood	..	40,528		
Miscellaneous timber ..	..	7,550		
Sandalwood	..	1,310	..	1,310
Fuel	..	134,111	..	134,111
Bamboos	No. 8,379	..	No. 8,379	..
Minor produce	Mds. 671	..	Mds. 671	..
SOUTHERN CIRCLE.				
Timber—				
Teak	..	21,341	..	92,682
Rosewood	..	207		
Vengai	..	1,632		
Ironwood	..	116		
Miscellaneous timber ..	..	69,386		
Sandalwood	..	1,619	..	1,619
Fuel	..	200,688	..	200,688
Bamboos	No. 21,691	..	No. 21,691	..
Minor produce	Mds. 2,188	..	Mds. 2,188	..
TOTAL FOR THE PRESIDENCY.				
Timber—				
Teak	..	21,417	..	163,507
Rosewood	..	207		
Vengai	..	2,876		
Redwood	..	40,528		
Sál	..	17,620		
Ironwood	..	116		
Miscellaneous timber ..	..	80,743		
Sandalwood	..	2,929	..	2,929
Fuel	..	447,241	..	447,241
Bamboos	No. 30,070	..	No. 30,070	..
Minor produce	Mds. 2,859	..	Mds. 2,859	..
SOLD LOCALLY.				
NORTHERN CIRCLE.				
Timber.				
Teak	..	168	..	44,292
Miscellaneous timber ..	..	44,124		
Fuel	..	201,534	..	201,534
Bamboos	No. 819	..	No. 819	..
Minor produce	Mds. 9,330	..	Mds. 9,330	..
CENTRAL CIRCLE.				
Timber—				
Teak	..	250	..	5,814
Vengai	..	231		
Miscellaneous timber ..	..	5,333		
Fuel	..	1,515,507	..	1,515,507
Bamboos	No. 5,639	..	No. 5,639	..
Minor produce	Mds. 6,825	..	Mds. 6,825	..

(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. Number or quantity.	Total of each head. Cubic feet.
1	2	3	4	5
BALANCE AT COMMENCEMENT OF THE YEAR—*cont.*				
SOUTHERN CIRCLE.				
Timber.				
South Canara district—				
Teak	..	101	..	25,551
Rosewood	..	18		
Vengai	..	23		
Miscellaneous timber	..	25,409		
North Malabar—				
Teak	..	1,565	..	5,301
Rosewood	..	1,092		
Vengai	..	259		
Miscellaneous timber	..	2,385		
South Malabar—				
Teak	..	1,083	..	32,812
Rosewood	..	1,965		
Vengai	..	419		
Miscellaneous timber	..	29,345		
Nilgiri district—				
Teak	..	704	..	4,890
Rosewood	..	177		
Vengai	..	2,884		
Miscellaneous timber	..	1,125		
North Coimbatore—				
Vengai	..	395	..	1,647
Miscellaneous timber	..	1,252		
South Coimbatore—				
Teak	..	14,623	..	71,489
Rosewood	..	245		
Vengai	..	1,830		
Ironwood	..	292		
Miscellaneous timber	..	54,499		
Madura district—				
Teak	..	580	..	1,624
Rosewood	..	210		
Vengai	..	296		
Miscellaneous timber	..	538		
Tinnevelly district—				
Teak	..	20	..	508
Miscellaneous timber	..	488		
Total balance, Southern Circle.				
Timber—				
Teak	..	18,676	..	143,822
Rosewood	..	3,707		
Vengai	..	6,106		
Ironwood	..	292		
Miscellaneous timber	..	115,041		
Sandalwood—				
Nilgiri district	..	307	..	1,787
North Coimbatore	..	1,480		
Fuel—				
South Canara district	..	44	..	390,690
Nilgiri district	..	352,092		
South Coimbatore	..	22,128		
Madura district	..	3,887		
Tinnevelly district	..	12,539		
Bamboos—	No.		No.	
Madura district	520	..	520	..
Minor produce—	Mds.			
South Canara district	8	..	Mds. 1,933	..
Do. Malabar	27			
Nilgiri district	1,775			
North Coimbatore	99			
South Coimbatore	24			
TOTAL PRESIDENCY BALANCE.				
Timber—				
Teak	..	18,958	..	161,713
Rosewood	..	3,707		
Vengai	..	7,166		
Sâl	..	5,136		
Ironwood	..	292		
Miscellaneous timber	..	126,454		

Particulars.	Number or quantity.	Cubic feet.	Total of each head. Number or quantity.	Total of each head. Cubic feet.
6	7	8	9	10
SOLD LOCALLY—*cont.*				
SOUTHERN CIRCLE.				
Timber—				
Teak	..	10,843	..	97,633
Rosewood	..	5,391		
Vengai	..	32,628		
Miscellaneous timber	..	48,771		
Sandalwood	..	894	..	894
Fuel	..	628,663	..	628,663
Minor produce	Mds. 1,997	..	Mds. 1,997	..
TOTAL FOR THE PRESIDENCY.				
Timber—				
Teak	..	11,261	..	147,739
Rosewood	..	5,391		
Vengai	..	32,859		
Miscellaneous timber	..	98,228		
Sandalwood	..	894	..	894
Fuel	..	2,345,704	..	2,345,704
Bamboos	No. 6,458	..	No. 6,458	..
Minor produce	Mds. 18,152	..	Mds. 18,152	..
CONVERTED IN DEPÔTS.				
NORTHERN CIRCLE.				
Timber—				
Teak				
Vengai	..	13	..	105
	..	92		
CENTRAL CIRCLE.				
Timber—				
Miscellaneous	..	4,536	..	4,536
SOUTHERN CIRCLE.				
Fuel	..	112,947	..	112,947
TOTAL FOR THE PRESIDENCY.				
Timber—				
Teak				
Vengai	..	13	..	4,641
	..	92		
Miscellaneous timber	..	4,536		
Fuel	..	112,947	..	112,947
LOST OR WRITTEN OFF AS USELESS, &c.				
NORTHERN CIRCLE.				
Timber—				
Vengai				
Sâl	..	18	..	885
Fuel	..	867		
CENTRAL CIRCLE.				
Timber—				
Miscellaneous	..	1,508	..	1,508
Timber—				
Miscellaneous				
Sandalwood	..	1,420	..	1,420
Fuel	..	24	..	24
	..	51,858	..	51,858
Minor produce	Mds. 469	..	Mds. 469	..
SOUTHERN CIRCLE.				
Timber—				
Teak				
Rosewood	..	365	..	15,467
Vengai	..	126		
Miscellaneous timber	..	464		
Sandalwood	..	14,512		
Fuel	..	50	..	50
	..	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. Number or quantity.	Total of each head. Cubic feet
1	2	3	4	5
Total Presidency balance—cont.				
Sandalwood	..	2,388	..	2,388
Fuel	..	1,011,036	..	1,011,036
Bamboos	No. 1,942	..	No. 1,942	..
Minor produce	Mds. 38,561	..	Mds. 38,561	..
RECEIVED FROM THE FORESTS IN DEPÔTS.				
NORTHERN CIRCLE.				
Timber—				
Teak	..	244	..	20,860
Vengai	..	2,327		
Sâl	..	14,895		
Miscellaneous timber	..	3,394		
Fuel	..	96,161	..	96,161
CENTRAL CIRCLE.				
Timber—				
Vengai	..	6	..	44,856
Redwood	..	40,528		
Miscellaneous timber	..	4,322		
Sandalwood	..	13	..	13
Fuel	..	234,138	..	234,138
Bamboos	No. 5,393	..	No. 5,393	..
Minor produce	Mds. 4,877	..	Mds. 4,877	..
SOUTHERN CIRCLE.				
Timber—				
Teak	..	47,045	..	188,835
Rosewood	..	3,800		
Vengai	..	3,327		
Ironwood	..	55		
Miscellaneous timber	..	134,608		
Sandalwood	..	764	..	764
Fuel	..	229,955	..	229,955
Bamboos	No. 33,491	..	No. 33,491	..
Minor produce	Mds. 2,259	..	Mds. 2,259	..
TOTAL FOR THE PRESIDENCY.				
Timber—				
Teak	..	47,289	..	254,551
Rosewood	..	3,800		
Vengai	..	5,660		
Redwood	..	40,528		
Sâl	..	14,895		
Ironwood	..	55		
Miscellaneous timber	..	142,324		
Sandalwood	..	777	..	777
Fuel	..	560,254	..	560,254
Bamboos	No. 38,884	..	No. 38,884	..
Minor produce	Mds. 7,136	..	Mds. 7,136	..
RECEIVED FROM THE FORESTS FOR SALE LOCALLY.				
NORTHERN CIRCLE.				
Timber—				
Teak	..	168	..	64,870
Miscellaneous timber	..	64,702		
Fuel	..	328,127	..	328,127
Bamboos	No. 6,929	..	No. 6,929	..
Minor produce	Mds. 55,208	..	Mds. 55,208	..

Particulars.	Number or quantity.	Cubic feet.	Total of each head. Number or quantity.	Total of each head. Cubic feet.
6	7	8	9	10
TOTAL FOR THE PRESIDENCY.				
Timber—				
Teak	..	365	..	17,772
Rosewood	..	126		
Vengai	..	482		
Sâl	..	867		
Miscellaneous timber	..	15,932		
Sandalwood	..	74	..	74
Fuel	..	59,123	..	59,123
Minor produce	Mds. 472	..	Mds. 472	..
USED BY THE DEPARTMENT.				
NORTHERN CIRCLE.				
Timber—				
Teak	..	38	..	1,139
Vengai	..	1,078		
Miscellaneous timber	..	23		
CENTRAL CIRCLE.				
Timber—				
Miscellaneous	..	522	..	522
Fuel	..	40	..	40
Bamboos	No. 2,535	..	No. 2,535	..
Minor produce	Mds. 38	..	Mds. 38	..
SOUTHERN CIRCLE.				
Timber—				
Teak	..	745	..	4,531
Rosewood	..	3		
Vengai	..	63		
Miscellaneous timber	..	3,720		
Fuel	..	255	..	255
Bamboos	No. 200	..	No. 200	..
Minor produce	Mds. 4	..	Mds. 4	..
TOTAL FOR THE PRESIDENCY.				
Timber—				
Teak	..	783	..	6,192
Rosewood	..	3		
Vengai	..	1,141		
Miscellaneous timber	..	4,265		
Fuel	..	295	..	295
Bamboos	No. 2,735	..	No. 2,735	..
Minor produce	Mds. 42	..	Mds. 42	..
TRANSFERRED TO OTHER SALE DEPÔTS.				
NORTHERN CIRCLE.				
Timber—				
Sâl	..	6,110	..	6,110
CENTRAL CIRCLE.				
Fuel	..	28,545	..	28,545
SOUTHERN CIRCLE				
Timber—				
Rosewood	..	71	..	8,969
Miscellaneous timber	..	8,898		
TOTAL FOR THE PRESIDENCY.				
Timber—				
Rosewood	..	71	..	15,079
Sâl	..	6,110		
Miscellaneous timber	..	8,898		
Fuel	..	2,8545	..	28,545

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

Particulars.	Number or quantity.	Cubic feet.	Total of each head. Number or quantity.	Total of each head. Cubic feet.
1	2	3	4	5
RECEIVED FROM THE FORESTS FOR SALE LOCALLY—*cont.*				
CENTRAL CIRCLE.				
Timber—				
Teak	..	471		
Vengai	..	284		
Miscellaneous timber ..	..	5,851	..	6,606
Sandalwood	..	1,315		
Fuel	..	1,267,864	..	1,315
			..	1,267,864
	No.		No.	
Bamboos	11,054	..	11,054	..
	Mds.		Mds.	
Minor produce	589	..	589	..
SOUTHERN CIRCLE.				
Timber—				
Teak	..	28,284		
Rosewood	..	2,226		
Vengai	..	34,650	..	94,743
Miscellaneous timber ..	..	29,583		
Sandalwood	..	614	..	614
Fuel	..	741,316	..	741,316
	No.		No.	
Bamboos	200	..	200	..
	Mds.		Mds.	
Minor produce	1,486	..	1,486	..
TOTAL FOR THE PRESIDENCY.				
Timber—				
Teak	..	28,923		
Rosewood	..	2,226		
Vengai	..	34,934	..	166,219
Miscellaneous timber ..	..	100,136		
Sandalwood	..	1,929	..	1,929
Fuel	..	2,337,307	..	2,337,307
	No.		No.	
Bamboos	18,183	..	18,183	..
	Mds.		Mds.	
Minor produce	57,283	..	57,283	..
RECEIVED BY CONVERSION IN DEPÔTS.				
NORTHERN CIRCLE.				
Timber—				
Teak	..	6	..	95
Vengai	..	89		
RECEIVED BY TRANSFER FROM SALE OF DEPÔTS.				
NORTHERN CIRCLE.				
Timber—				
Sâl	..	6,110	..	6,110
CENTRAL CIRCLE.				
Fuel	..	28,545	..	28,545
SOUTHERN CIRCLE.				
Timber—				
Rosewood	..	71	..	8,969
Miscellaneous timber ..	..	8,898		
TOTAL FOR THE PRESIDENCY.				
Timber—				
Rosewood	..	71	..	15,079
Sâl	..	6,110		
Miscellaneous timber ..	..	8,898		
Fuel	..	28,545	..	28,545
QUANTITY FOUND IN DEPÔTS IN EXCESS OF THE ORIGINAL MEASUREMENT.				
NORTHERN CIRCLE.				
Timber—				
Miscellaneous timber ..	..	61	..	61
	Md.		Md.	
Minor produce	1	..	1	..

Particulars.	Number or quantity.	Cubic feet.	Total of each head. Number or quantity.	Total of each head. Cubic feet.
6	7	8	9	10
TOTAL ISSUES.				
NORTHERN CIRCLE.				
Timber—				
Teak	..	295		
Vengai	..	2,426		
Sâl	..	24,597	..	75,272
Miscellaneous timber ..	..	47,954		
Fuel	..	315,484	..	315,484
	No.		No.	
Bamboos	819	..	819	..
	Mds.		Mds.	
Minor produce	9,330	..	9,330	..
CENTRAL CIRCLE.				
Timber—				
Teak				
Vengai	..	250		
Redwood	..	237		
Miscellaneous timber ..	..	40,528	..	60,376
Sandalwood	..	19,361		
Fuel	..	1,334	..	1,334
	..	1,730,061	..	1,730,061
	No.		No.	
Bamboos	16,553	..	16,553	..
	Mds.		Mds.	
Minor produce	8,003	..	8,003	..
SOUTHERN CIRCLE.				
Timber—				
Teak				
Rosewood	..	33,294		
Vengai	..	5,798		
Ironwood	..	34,787	..	219,282
Miscellaneous timber ..	..	116		
Sandalwood	..	145,287		
Fuel	..	2,563	..	2,563
	..	948,310	..	948,310
	No.		No.	
Bamboos	21,891	..	21,891	..
	Mds.		Mds.	
Minor produce	4,192	..	4,192	..
GRAND TOTAL OF ISSUES FOR THE PRESIDENCY.				
Timber—				
Teak				
Rosewood	..	33,839		
Vengai	..	5,798		
Redwood	..	37,450		
Sâl	..	40,528		
Ironwood	..	24,597	..	3,54,930
Miscellaneous timber ..	..	116		
Sandalwood	..	2,12,602		
Fuel	..	3,897	..	3,897
	..	2,993,855	..	2,993,855
	No.		No.	
Bamboos	39,263	..	39,263	..
	Mds.		Mds.	
Minor produce	21,525	..	21,525	..
BALANCE AT CLOSE OF THE YEAR.				
NORTHERN CIRCLE.				
Timber—				
Ganjám district—				
Sâl	..	1,544	..	2,028
Miscellaneous timber ..	..	484		
Kurnool district—				
Teak	..	171		
Vengai	..	1,050	..	2,302
Miscellaneous timber ..	..	1,081		
Bellary district—				
Teak	..	200	..	20,682
Miscellaneous timber ..	..	20,482		

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

Particulars.	Number of quantity.	Cubic feet.	Total of each head. Number or quantity.	Total of each head. Cubic feet.
1	2	3	4	5
QUANTITY FOUND IN DEPOTS IN EXCESS OF THE ORIGINAL MEASUREMENT—*cont.*				
CENTRAL CIRCLE.				
Timber—				
Miscellaneous timber ..	..	20	..	20
Sandalwood	..	5	..	5
Fuel	..	3,953	..	3,953
SOUTHERN CIRCLE.				
Timber—				
Vengai	..	16	..	838
Miscellaneous timber ..	..	822		
Fuel	..	2,612	..	2,612
TOTAL FOR THE PRESIDENCY.				
Timber—				
Vengai	..	16	..	919
Miscellaneous timber ..	..	903		
Sandalwood	..	5	..	5
Fuel	..	6,565	..	6,565
	Mds.		Mds.	
Minor produce	1	..	1	..
TOTAL RECEIPTS.				
NORTHERN CIRCLE.				
Timber—				
Teak	..	666		
Vengai	..	3,476		
Sâl	..	26,141	..	100,284
Miscellaneous timber ..	..	70,001		
Fuel	..	544,363	..	544,363
	No.		No.	
Bamboos	6,952	..	6,952	..
	Mds.		Mds.	
Minor produce	76,100	..	76,100	..
CENTRAL CIRCLE.				
Timber—				
Teak	..	505		
Vengai	..	290		
Redwood	..	40,528	..	61,085
Miscellaneous timber ..	..	19,762		
Sandalwood	..	1,934	..	1,934
Fuel	..	2,034,771	..	2,034,771
	No.		No.	
Bamboos	17,846	..	17,846	..
	Mds.		Mds.	
Minor produce	21,203	..	21,203	..
SOUTHERN CIRCLE				
Timber—				
Teak	..	94,005		
Rosewood	..	9,804		
Vengai	..	44,099	..	437,207
Ironwood	..	347		
Miscellaneous timber ..	..	288,952		
Sandalwood	..	3,165	..	3,165
Fuel	..	1,364,573	..	1,364,573
	No.		No.	
Bamboos	34,211	..	34,211	..
	Mds.		Mds.	
Minor produce	5,678	..	5,678	..
GRAND TOTAL OF RECEIPTS FOR THE PRESIDENCY.				
Timber—				
Teak	..	95,176		
Rosewood	..	9,804		
Vengai	..	47,865		
Redwood	..	40,528	..	598,576
Sâl	..	26,141		
Ironwood	..	347		
Miscellaneous timber ..	..	378,715		
Sandalwood	..	5,099	..	5,099
Fuel	..	3,943,707	..	3,943,707
	No.		No.	
Bamboos	59,009	..	59,009	..
	Mds.		Mds.	
Minor produce	1,02,981	..	102,981	..

Particulars.	Number or quantity.	Cubic feet.	Total of each head. Number or quantity.	Total of each head. Cubic feet.
6	7	8	9	10
TOTAL BALANCE.				
NORTHERN CIRCLE.				
Timber—				
Teak	..	371		
Vengai	..	1,050	..	25,012
Sâl	..	1,544		
Miscellaneous timber ..	..	22,047		
Fuel—				
Vizagapatam district ..	..	149		
Kistna do. ..	..	3,348	..	228,879
Kurnool do. ..	..	22,916		
Bellary do. ..	..	202,466		
	No.			
Bamboos—				
Kurnool district ..	5,280	..	No.	
Bellary Do.	853	..	6,133	..
	Mds.			
Minor produce—				
Vizagapatam district ..	66,564	..		
Kistna do. ..	62	..	Mds.	
Kurnool do. ..	99	..	66,770	..
Bellary do. ..	45	..		
CENTRAL CIRCLE.				
Timber.				
Cuddapah district—				
Miscellaneous timber ..	..	20	..	20
Nellore district—				
Miscellaneous timber ..	..	42	..	42
North Arcot district—				
Miscellaneous timber ..	..	34	..	34
South Arcot district—				
Teak	..	221		
Vengai	..	53	..	574
Miscellaneous timber ..	..	300		
Salem district—				
Teak	..	34	..	39
Miscellaneous timber ..	..	5		
TOTAL BALANCE.				
CENTRAL CIRCLE.				
Timber—				
Teak	..	255		
Vengai	..	53	..	709
Miscellaneous timber ..	..	401		
Sandalwood—				
North Arcot district ..	..	13		
South Arcot do. ..	..	2	..	600
Salem do. ..	..	585		
Fuel—				
Cuddapah district ..	..	5,170		
Nellore do. ..	..	106,599		
North Arcot district ..	..	113,950	..	304,710
South Arcot do. ..	..	14,409		
Trichinopoly do. ..	..	60,322		
Salem do. ..	..	4,260		
	No.		No.	
Bamboos—				
North Arcot district ..	1,293	..	1,293	..
	Mds.		Mds.	
Minor produce—				
Nellore district	6,164	..	13,200	..
Salem do.	7,036			
SOUTHERN CIRCLE.				
Timber.				
South Canara district—				
Rosewood	..	162	..	12,051
Miscellaneous timber ..	..	11,889		
North Malabar—				
Teak	..	22,888		
Rosewood	..	1,200	..	47,647
Vengai	..	3,317		
Miscellaneous timber ..	..	20,242		
South Malabar—				
Teak	..	19,544		
Rosewood	..	2,303	..	35,322
Vengai	..	470		
Miscellaneous timber ..	..	63,005		

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

Particulars.	Number or quantity.	Cubic feet.	Total of each head. Number or quantity.	Total of each head. Cubic feet.	Particulars.	Number or quantity.	Cubic feet.	Total of each hea Number or quantity.	Total of each hea Cubic fe
1	2	3	4	5	6	7	8	9	10
					TOTAL BALANCE—*cont.*				
					Timber—cont.				
					Nilgiris—				
					Vengai	..	2,660	..	3,682
					Miscellaneous timber ..	..	1,022		
					North Coimbatore—				
					Teak	..	102	..	2,350
					Vengai	..	1,654		
					Miscellaneous timber ..	..	594		
					South Coimbatore—				
					Teak	..	18,167	..	63,748
					Rosewood	..	312		
					Vengai	..	871		
					Ironwood	..	231		
					Miscellaneous timber ..	..	44,167		
					Madura—				
					Teak	..	4	..	661
					Rosewood	..	29		
					Vengai	..	311		
					Miscellaneous timber ..	..	317		
					Tinnevelly—				
					Teak	..	6	..	2,464
					Vengai	..	29		
					Miscellaneous timber ..	..	2,429		
					TOTAL BALANCE.				
					SOUTHERN CIRCLE.				
					Timber—				
					Teak	..	60,711	..	217,92[illegible]
					Rosewood	..	4,006		
					Vengai	..	9,312		
					Ironwood	..	231		
					Miscellaneous timber ..	..	143,665		
					Sandalwood—				
					South Coimbatore ..	..	27	..	60[illegible]
					Nilgiris	..	575		
					Fuel—				
					South Canara	..	1,910	..	416,26[illegible]
					Nilgiris	..	326,784		
					North Coimbatore ..	..	520		
					South do. ..	..	43,666		
					Madura	..	4,103		
					Tinnevelly	..	39,280		
					Bamboos—				
						No.		No.	
					South Coimbatore ..	11,800	..	12,320	
					Madura	520			
					Minor produce—	Mds.			
					North Malabar	37	..	Mds. 1,486	
					South do.	134	..		
					Nilgiris	1,112	..		
					North Coimbatore ..	184	..		
					South do. ..	19	..		
					TOTAL PRESIDENCY BALANCE.				
					Timber—				
					Teak	..	61,337	..	243,64[illegible]
					Rosewood	..	4,006		
					Vengai	..	10,415		
					Sâl	..	1,544		
					Ironwood	..	231		
					Miscellaneous timber ..	..	166,113		
					Sandalwood	..	1,202	..	1,20[illegible]
					Fuel	..	949,852	..	949,85[illegible]
						No.		No.	
					Bamboos	19,746	..	19,746	..
						Mds.		Mds.	
					Minor produce	81,456	..	81,456	..

ANNUAL FORM No. 58.

Forest Department, Madras Presidency.

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. Number.	Cubic feet.	Value.	On hand at close of the year. Number.	Cubic feet.	Value.	Difference in value. In favour of the year.	Against the year.
	Northern Circle.			RS.			RS.	RS.	RS.
	Sal logs	..	1,304	409	..	1,544	580	..	..
	,, sleepers	..	..	..	..	..	..	..	..
	,, slabs	..	..	..	..	..	..	..	..
	Miscellaneous	..	..	..	..	484	103	..	..
	Total, Timber ..	..	1,304	409	..	2,028	683	274	..
	Fuel	..	..	..	..	149	9	..	..
	Minor produce	..	..	..	Mds. 66,564	..	718	..	..
		..	..	..	..	..	727	727	..
	....	..	..	..	..	..	..	..	..
	Fuel	..	17,179	859	..	3,348	220	..	..
	Minor produce	..	..	..	Mds. 62	..	124	..	..
		..	..	859	..	..	344	..	215
	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
	Fuel	..	..	..	..	22,916	2,080	2,080	..
	Bamboos	..	..	..	..	5,280	300	300	..
	Minor produce	..	..	..	Mds. 99	..	54	54	..
	Fuel	..	35,500	1,835	..	202,466	9,200	7,365	..
	Teak	..	..	..	..	200	250	..	..
	Miscellaneous timber ..	..	..	..	..	20,482	2,270	..	..
	Total, Timber ..	..	..	..	..	20,682	2,520	2,520	..
	Bamboos	..	..	..	No. 853	..	50	50	..
	Minor produce	..	..	..	Mds. 45	..	3	3	..
	Central Circle.								
	Redwood roots and stumps.	..	..	..	..	..	..	..	..
	Miscellaneous	..	237	130	..	20	2	..	128
	Fuel	..	7,780	924	..	5,170	615	..	309
	Minor produce	Mds. 4	..	49	..	..	..	..	49
	Miscellaneous timber ..	..	..	..	..	42	16	16	..
	Fuel	..	5,989	1,285	..	106,599	12,769	11,484	..
	Minor produce	..	..	..	Mds. 6,164	..	3,272	3,272	..
	Miscellaneous timber ..	..	1,118	430	..	34	7	..	423
	Sandalwood	..	..	..	..	13	150	150	..
	Fuel	..	28,311	1,946	..	113,950	7,784	5,838	..
	Bamboos	1,259	..	315	No. 1,293	..	152	..	163

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.
	Central Circle—cont.			RS.			RS.	RS.	RS.
South Arcot	Sandalwood	..	..	..	..	2	10	10	..
	Miscellaneous timber	..	..	..	..	300	430	430	..
	Teak	..	..	..	..	221			
	Vengai	..	..	..	..	53			
	Total, Timber	..	..	..	..	574	430	430	..
	Fuel	..	..	..	..	14,409	584	584	..
Salem	Sandalwood	..	601	6,745	..	585	5,850	..	895
	Miscellaneous timber	..	55	31	..	5	38	..	..
	Teak	..	34	34	..	34			
	Total, Timber	..	89	65	..	39	38	..	27
	Fuel	..	536	67	..	4,260	107	40	..
	Minor produce	..	..	..	Mds. 7,036	..	200	200	..
Trichinopoly	Fuel	..	..	..	..	60,322	4,288	4,288	..
	Southern Circle.								
South Canara	Teak	..	101	177	..	..	..	..	..
	Rosewood	..	18	20	..	162	160	..	..
	Vengai	..	23	23	..	..	..	..	..
	Miscellaneous	..	10,476	1,078	..	11,889	1,100	..	..
	Total, Timber	..	10,618	1,298	..	12,051	1,260	..	38
	Fuel	..	..	..	..	1,910	300	300	..
North Malabar	Teak	..	..	..	..	22,888	14,305	..	..
	Rosewood	..	..	..	..	1,200	300	..	..
	Vengai	..	..	..	..	3,317	1,036	..	..
	Miscellaneous timber	..	..	..	..	20,242	4,716	..	..
	Total, Timber	..	..	..	..	47,647	20,357	20,357	..
	Minor produce	..	..	..	Mds. 37	..	817	817	..
South Malabar	Teak	..	..	..	..	19,544	52,100	..	..
	Rosewood	..	..	..	..	2,303			
	Vengai	..	..	..	..	470			
	Miscellaneous timber	..	..	..	..	63,005			
	Total, Timber	..	..	..	..	85,322	52,100	52,100	..
	Minor produce	..	..	..	Mds. 134	..	418	418	..
Nilgiris	Miscellaneous timber	..	..	..	..	1,022	90	..	..
	Vengai	..	..	..	..	2,660	800	..	..
	Total, Timber	..	..	..	..	3,682	890	890	..
	Fuel	499	40,621	2,904	..	326,784	2,783	..	121
	Minor produce	..	..	..	Mds. 1,112	..	1,034	1,034	..
	Sandalwood	..	..	..	..	27	270	270	..
North Coimbatore	Teak	..	..	..	..	102	75	..	..
	Miscellaneous timber	..	106	106	..	594	450	..	..
	Vengai	..	617	700	..	1,654	1,200	..	..
	Total, Timber	..	723	806	..	2,350	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.
	Southern Circle—cont.			RS.			RS.	RS.	RS.
North Coimbatore—*cont.*	Sandalwood including chips	..	1,480	14,072	..	575	6,243	..	7,829
	Minor produce	..	99	644	Mds. 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	..	74	74	..
	Minor produce	..	..	..	Mds. 19	..	19	19	..
Madura	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	2,661	..	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	..	315	No. 1,293	..	152	..	163
	Minor produce	Mds. 4	..	49	Mds. 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	Mds 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.					
			RS.			RS.	RS.	RS.
Timber	..	41,616	15,865	..	243,646	1,35,083	1,19,218	..
Sandalwood	..	2,081	20,817	..	1,202	12,523	..	8,294
Fuel	..	137,409	9,935	..	949,852	45,442	35,507	..
		No.		No.				
Bamboos	..	1,259	315	19,746	..	608	293	..
		Mds.		Mds.				
Minor produce	..	103	693	81,456	..	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.

District.	Timber.	Firewood and charcoal.	Bamboos.	MONEY VALUE OF SALES. Timber. Amount of sales.	Timber. Amount actually realized during the year.	Firewood and charcoal. Amount of sales.	Firewood and charcoal. Amount actually realized during the year.	Bamboos. Amount of sales.	Bamboos. Amount actually realized during the year.	Grazing and fodder grass. Amount of sales.	Grazing and fodder grass. Amount actually realized during the year.	Minor produce. Amount of sales.	Minor produce. Amount actually realized during the year.	Total. Amount of sales.	Total. Amount actually realized during the year.
Northern Circle.	C. FEET.	C. FEET.	NO.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
Ganjám	167,511	705,727	1,777,270	18,223	18,196	9,818	9,818	7,215	7,215	6,384	6,384	3,491	3,491	45,131	45,104
Vizagapatam	80,145	499,825	1,803,600	5,777	5,777	10,532	10,532	11,057	11,057	1,514	1,514	9,709	9,709	38,589	38,589
Gódavari	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	462,510	168,820	25,299	25,299	12,605	13,104	568	568	76,549	76,596	17,414	17,378	1,32,435	1,32,945
Kurnool	323,365	424,575	6,498,000	28,592	28,592	10,938	10,938	20,312	20,312	21,305	17,962	57,508	56,584	1,38,655	1,34,388
Bellary	290,172	405,600	91,800	16,462	16,462	7,363	7,363	1,818	1,818	13,405	13,405	1,33,799	73,869	1,72,847	1,12,917
Anantapur	38,657	115,706	9,690	6,887	6,887	2,878	2,800	217	217	5,615	5,615	86,808	86,808	1,02,405	1,02,327
Total ..	1,427,394	3,260,124	19,819,703	1,30,610	1,30,583	73,378	73,799	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	1,72,391	1,67,616
Nellore	188,172	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	52,763	104,360	2,535	3,739	3,739	5,721	5,721	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	1,20,938
South do.	29,201	543,341	47,700	3,650	3,650	33,954	30,151	2,751	2,751	26,482	26,482	21,536	21,536	88,373	84,570
Salem	173,245	595,820	7,747,485	27,300	27,300	37,531	37,607	43,772	43,748	36,719	36,719	40,660	40,664	1,85,982	1,86,038
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	5,014	4,378	16,256	15,620
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	2,61,495	8,00,591	7,48,155
Southern Circle.															
South Canara	10,384	719,360	54,770	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	864	2,444	946	946	9	9	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	3,022	3,022	1,920	1,920	..	..	3,893	1,870	17,318	15,295
Nilgiris	13,784	19,007	301,959	3,078	2,131	931	931	3,358	3,358	8,853	8,853	1,609	1,609	17,829	16,882
North Coimbatore ..	18,165	163,290	1,156,290	1,796	1,796	9,514	9,514	7,217	7,217	22,393	22,393	28,174	20,021	69,094	60,941
South do.	21,943	752,976	291,800	8,730	8,730	12,765	12,765	4,474	4,474	4,687	4,687	12,643	11,141	43,299	41,797
Madura	25,651	214,382	32,947	3,239	3,239	8,436	8,436	2,579	2,579	4,591	4,591	28,371	28,371	47,216	47,216
Tinnevelly	15,924	1,078,845	15,940	4,294	4,104	35,727	35,339	1,063	1,063	6,816	6,816	22,153	21,830	70,053	69,152
Total ..	166,119	3,076,333	2,038,050	32,454	31,317	81,654	81,266	22,126	22,126	53,068	53,068	1,17,628	1,05,627	3,06,930	2,93,404
Grand total ..	2,377,881	10,810,925	33,555,912	2,41,231	2,40,067	3,30,881	3,15,817	2,11,658	1,99,376	3,41,586	3,40,496	7,18,261	6,18,107	18,43,617	17,13,863

Add outstanding due from previous year	78,968
Deduct amount of outstanding written off, &c.	2,062
Total ..	19,20,523
Deduct amount realized during the year as per Form No. 59	17,13,863
Balance outstanding	2,06,660

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

Forest Department, Madras Presidency.

TIMBER 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.		RS.		RS.		RS.	RS.	RS.	RS.
Ganjám	4,499	925	376	18	1,846	19	..	962	962
Vizagapatam ..	50	10	230	19	1,400	20	85	134	134
Gódávari	6,775	1,198	2,004	57	8,879	112	101	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	29	..	..	..	38	38
Anantapur	456	61	140	3	..	..	17	81	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	..	28	133	133
North Arcot ..	253	100	433	28	780	9	13	150	150
South do. ..	1,548	97	2,124	139	..	1	12	249	249
Salem	799	115	991	55	2,300	74	32	276	276
Trichinopoly ..	77	6	780	15	544	9	6	36	36
Tanjore	160	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	..	..	..	326	326
South do. ..	3,500	297	..	..	..	..	1	298	298
Nilgiris	..	..	15	1	..	2	1	4	4
North Coimbatore ..	325	253	416	32	317	39	3	327	327
South do. ..	804	284	158	8	176	11	33	336	336
Madura	671	634	341	46	16	1	34	715	715
Tinnevelly	143	30	3,914	171	..	4	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	10,078	10,073
Add outstandings due from previous year								..	
Deduct amount realized during the year as per Form No. 59								10,073	
Balance outstanding on 30th June 1896 ..								5	

ANNUAL FORM No. 59.

Forest Department, Madras, Northern Circle.

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

Budget heads.	Direction.	Ganjám.	Vizagapatam.	Gódávari.	Kistna.	Kurnool.	Bellary.	Anantapur.	Total.
Receipts.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
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	34	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	16,462	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	11,057	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	2	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.

ANNUAL FORM No. 59.

Forest Department, Madras, Central Circle.

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

Budget heads.	Direction.	Nellore	Cuddapah.	Chingleput.	North Arcot.	South Arcot.	Salem.	Trichinopoly.	Tanjore.	Total.
Receipts.	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	18,904	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	9,087	1.60,752
(c) Bamboos ..	..	176	7,469	146	27,182	2,751	43,748	3,386	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	..	50	26	43	150	..	7	506	..	782
(b) Refunds	..	..	..	..	..	..	..	..	..	..
(c) Other sources ..	10	1,128	1,621	2,162	8,770	5,426	6,863	2,542	125	28,647
Total, Receipts ..	10	1,20,234	2,03,574	25,470	1,45,444	96,011	2,57,802	75,402	15,786	9,39,733

MADRAS,
17th August 1896.

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

ANNUAL FORM No. 59.

Forest Department, Madras, Southern Circle.

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

Budget heads.	Direction.	Nilgiris.	North Coimbatore.	South Coimbatore.	Madura.	Tinnevelly.	North Malabar.	South Malabar.	South Canara.	Total.
Receipts.	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	6,303	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 ..	..	6,566	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 ..	..	..	..	..	..	..	..	..	..	..
(c) Other sources ..	3	3,227	3,242	1,604	1,197	3,944	5,071	4,840	2,774	25,902
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.	Ganjám.	Vizagapatam.	Gódávari.	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) Sandal wood ..	..	..	..	..	..	..	..	..	..
(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	779	445	700	624	..	579	33	..	3,160
(c) Stores, tools and plant	102	35	70	552	844	278	..	7	1,888
VII. Communications and buildings—									
(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	7,738
(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	8,887	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	1,785	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	..	4,566
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 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.	Tinnevelly.	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 ..	..	..	82	67	..	..	..	9	..	158
(d) Sandalwood ..	...	663	1,129	..	..	..	..	..	..	1,792
(e) Grass and other minor produce	..	490	382	186	..	..	328	304	3,394	5,084
II. Timber and other produce removed from the forests by consumers or purchasers ..	9	1,538	2,348	3,777	2,438	2,754	392	13	7,278	20,547
III. Confiscated, drift and waifwood	..	7	107	109	282	..	1	..	..	506
IV. Revenue from forests not managed by Government	..	..	..	..	..	..	..	..	..	..
V. Rent of leased forests and payments to shareholders in forests managed by Government	..	4,500	..	2,500	..	..	..	4,078	..	11,078
VI. Live-stock, stores, tools and plant—										
(a) Purchase of cattle ..	..	..	..	344	..	..	1,764	959	..	3,067
(b) Feed and keep of cattle ..	..	2,856	..	4,600	..	..	3,588	9,172	496	20,712
(c) Stores, tools and plant ..	8	228	267	1,137	122	496	397	277	227	3,159
VII. Communications and buildings—										
(a) Roads and bridges ..	..	1,911	4,625	4,620	208	4,662	1,110	207	..	17,343
(b) Buildings ..	..	872	6,133	2,648	1,399	4,213	1,554	1,006	326	18,181
(c) Other works ..	..	162	150	60	154	107	1,216	77	1	1,927
VIII. Demarcation, improvement and extension of forests—										
(a) Demarcation ..	..	2,547	2,733	279	19	688	711	203	483	7,663
(b) Cost of forest settlement; compensation for land and rights ..	..	139	20	..	704	3,071	369	189	..	4,492
(c) Surveys ..	..	1,170	897	45	649	1,204	113	347	2,324	6,749
(d) Working plans.	..	342	..	115	—1	110	8	56	46	676
(e) Sowing and planting ..	9	3,733	154	1,490	527	545	1,789	4,995	810	14,052
(f) Protection from fire	..	2,533	754	2,552	3,532	1,835	1,338	2,419	906	15,869
(g) Other works ..	..	588	5,529	1,741	4,001	5,395	1,564	1,184	1,715	21,717
IX. Miscellaneous—										
(a) Refunds ..	..	38	209	2,259	144	825	582	103	684	4,848
(b) Law charges ..	..	5	1	..	14	..	5	1	1	27
(c) Other charges ..	..	2,711	804	260	92	229	822	111	694	5,723
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

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.	Ganjám.	Vizagapatam.	Gódávari.	Kistna.	Kurnool.	Bellary.	Anantapur.	Total.
B.—"Establishments."	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
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	..	..	..	..	..	..	..	14,470
(b) Superior officers ..	5,934	10,086	6,521	8,340	13,030	13,810	4,908	8,210	70,839
(c) Subordinate forest and depôt 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 depôt 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	2,972
(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	588	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	..	..	..	..	..	..	..	..	19,200
(*b*) Superior officers ..	16,500	8,150	11,465	9,782	9,596	10,077	19,323	15,800	..	1,00,693
(*c*) Subordinate forest and depôt establishments ..	600	6,607	10,463	2,831	9,985	9,971	10,141	4,170	1,090	55,858
(*d*) Office establishments	13,029	2,742	3,325	1,738	3,737	2,731	3,299	2,300	716	33,617
(*e*) Exchange compensation allowance.	3,101	62	1,508	1,504	1,104	1,366	1,594	2,228	..	12,467
II. Travelling allowances—										
(*a*) Conservators ..	3,064	..	..	..	..	..	..	..	..	3,064
(*b*) Superior officers ..	8,737	1,005	2,445	1,236	1,884	1,049	4,321	2,505	107	20,289
(*c*) Subordinate forest and depôt establishments ..	263	1,570	2,260	917	2,537	2,365	3,430	1,589	281	15,212
(*d*) Office establishments	3,038	353	466	276	552	232	691	601	83	6,292
III. Contingencies—										
(*a*) Stationery	..	..	..	..	..	..	..	..	..	..
(*b*) Carriage of tents and records ..	1,019	185	186	111	252	99	550	106	24	2,532
(*c*) Rents, rates and taxes	..	..	268	4	97	616	28	66	..	1,079
(*d*) Pay of Police guards	..	..	..	..	..	..	..	..	..	..
(*e*) Official postage ..	623	280	757	390	1,071	832	1,862	544	168	5,527
(*f*) Sundries	799	799	881	216	479	308	696	185	29	4,392
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	5,60,995

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.	Tinnevelly.	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	35	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	673	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.	Cental Circle.	Southern Circle.	Grand Total, Presidency.
1	2	3	4	5
RECEIPTS.	RS.	RS.	RS.	RS.
I. Timber and other produce removed from the forests by Government Agency—				
(a) Timber	18,385	26,176	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	..	12,378	9,040	21,418
(e) Grass and other minor produce	932	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	73,799	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	53,068	3,40,496
(e) Other produce	2,50,885	2,61,595	1,05,627	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	4,336	10,073
IV. Revenue from forests not managed by Government.	..	..	..	..
V. Miscellaneous—				
(a) Fines and forfeitures	857	782	545	2,184
(b) Refunds	..	..	..	..
(c) Other sources	18,943	28,647	25,902	73,492
Total ..	19,800	29,429	26,447	75,676
Grand Total ..	7,23,859	9,39,733	5,04,038	21,67,630
EXPENDITURE.				
A.—Conservancy and Works.				
I. Timber and other produce removed from the forests by Government Agency—				
(a) Timber	9,369	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	..	1,063	1,792	2,855
(e) Grass and other minor produce	630	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	..	..	3,067	3,067
(b) Feed and keep of cattle	3,160	..	20,712	23,872
(c) Stores, tools and plant	1,888	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.*				
A.—Conservancy and Works—cont.	RS.	RS.	RS.	RS.
IX. Miscellaneous—				
(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
B.—Establishments.				
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 depôt 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	15,529	20,289	14,055	49,873
(c) Subordinate forest and depôt 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	..	..	..	..
(b) Carriage of tents and records	2,972	2,532	2,211	7,715
(c) Rents, rates and taxes	1,102	1,079	662	2,843
(d) Pay of police guards	..	..	..	..
(e) Official postage	5,175	6,527	4,707	16,409
(f) Sundries	4,312	4,392	4,912	13,616
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

Annual Form No. 60.

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 commencement of year.	Recoveries in cash and value of supplies and work done during the year.	At close of year.	At commencement 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, Ganjám, &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	..
Ganjám	..	36,427 12 6	36,427 12 6	1,399 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	..
Gódávari	..	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.

Annual Form No. 60.

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 commencement of year.	Recoveries in cash and value of supplies and work done during the year.	At close of year.	At commencement 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	..
Cuddapah	..	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	4,856 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 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 commencement of year.	Recoveries in cash and value of supplies and work done during the year.	At close of year.	At commencement 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.
Direction Conservator, Southern Circle	..	9,785 6 7	9,785 6 7	29 5 3	9,780 13 11	9,810 3 2	24 12 7	..
Forest School, Dehra Dun	..	..	..	37 0 0	..	37 0 0	37 0 0	..
Nilgiris	..	63,804 1 2	63,804 1 2	1,510 10 0	62,932 12 7	64,443 6 7	639 5 5	..
North Coimbatore	..	50,254 2 3	50,254 2 3	2,555 8 7	48,544 15 7	51,100 8 2	846 5 11	..
South Coimbatore	..	38,700 10 1	38,700 10 1	1,538 11 10	39,871 5 8	41,410 1 6	2,709 7 5	..
Madura	..	35,304 0 0	35,304 0 0	3,598 6 3	34,265 8 2	37,863 14 5	2,559 14 5	..
Tinnevelly	..	45,951 1 3	45,951 1 3	978 15 10	49,219 8 8	50,198 8 6	4,247 7 3	..
North Malabar	..	19,292 15 6	19,292 15 6	2,028 13 8	19,258 9 3	21,287 6 11	1,994 7 5	..
South Malabar	..	43,333 13 1	43,333 13 1	565 11 10	43,286 0 9	43,851 12 7	517 15 6	..
South Canara	..	29,961 8 3	29,961 8 3	1,212 3 6	31,488 15 9	32,701 3 3	2,739 11 0	..
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.

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 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.
		RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.
Direction	Timber and other forest produce.	..	2 4 0	2 4 0	2 4 0	..
Ganjám	Do. do. ..	..	56,965 1 6	56,965 1 6	56,937 9 6	27 8 0
Vizagapatam	Do. do. ..	76 12 3	44,971 6 5	45,048 2 8	40,796 0 8	4,252 2 0
Gódávari	Do. do. ..	309 0 0	1,09,757 8 6	1,10,066 8 6	1,10,066 8 6	...
Kistna	Do. do. ..	546 5 4	1,38,146 7 11	1,38,692 13 3	1,38,656 8 2	36 5 1
Kurnool	Do. do. ..	480 0 0	1,50,683 0 7	1,51,163 0 7	1,46,228 9 11	4,934 6 8
Bellary	Do. do. ..	639 14 0	1,86,980 14 0	1,87,620 12 0	1,27,126 13 7	60,493 14 5
Anantapur	Do. do. ..	..	1,04,122 7 9	1,04,122 7 9	1,04,044 7 9	78 0 0
	Total ..	2,051 15 7	7,91,629 2 8	7,93,681 2 3	7,23,858 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.
		RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	
Direction	Timber and other forest produce.	..	10 8 0	10 8 0	10 8 0	..	
Nellore	Do. 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. do. ..	17 4 3	2,08,444 3 1	2,08,461 7 4	2,03,574 1 0 + (a) 0 8 0	4,886 14 4	(a) Amount written off in Board's Proceedings, Forest Mis. No. 810, dated 12th June 1895.
Chingleput	Do. do. ..	..	26,930 5 0	26,930 5 0	25,469 13 0	1,460 8 0	
North Arcot	Do. do. ..	43,414 9 11	1,62,946 13 7	2,06,361 7 6	1,45,444 1 8 + (b) 1,374 6 6	59,542 15 4	(b) Amount written off in Government Order, No. 626, Revenue Department, dated 12th September 1895 .. . .. RS. A. P. 33 14 0 Amount written off in Government Order, No. 4171, Revenue Department, dated 23rd October 1895 .. .. 156 4 0
South Arcot	Do. do. ..	28,994 11 7	83,605 1 6	1,12,599 13 1	96,010 13 7	16,588 15 6	
Trichinopoly	Do. do. ..	3,038 12 4	1,00,440 1 6	1,03,478 13 10	75,402 8 3 + (c) 166 0 0	27,910 5 7	Amount written off in Government Order No. 118, Revenue Department, dated 16th March 1896 .. 78 0 0
Salem	Do. do. ..	726 15 10	2,60,245 4 9	2,60,972 4 7	2,57,801 12 11	3,170 7 8	Amount written off in Government Order, No. 267, Revenue Department, dated 15th June 1896 .. 1,111 4 6 Total .. 1,374 6 6
.. ..	Do. do. ..	73 12 3	16,412 5 7	16,486 1 10	15,786 1 0	700 0 10	(c) Amount written off in Government Order, No. 818, Revenue Department, dated 16th December 1895.
	Total ..	76,689 14 2	10,10,969 8 11	10,87,659 7 1	9,39,733 5 4 + 1,540 14 6	1,46,385 3 3	

MADRAS,
5th September 1896.

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

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.
		RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	
Direction	Timber and other forest produce.	..	3 0 0	3 0 0	3 0 0	..	
Nilgiris	Do. do. ..	1,358 8 9	68,785 6 1	70,143 14 10	69,299 14 0	844 0 10	
North Coimbatore ..	Do. do. ..	18 10 9	77,421 9 0	77,440 3 9	69,219 5 8 + (a) 18 7 1	8,202 7 3	(a) Rs. 1-15-6 written off—*vide* Govt., Order, No. 626, dated 12th September 1895. ,, 16-7-7 written off—*vide* Govt., Order, No. 818, dated 16th December 1895. Rs. 18-7-1
South Coimbatore ..	Do. do. ..	110 7 8	91,107 15 3	91,218 6 11	89,507 6 11	1,711 0 0	
Madura	Do. do. ..	7,992 10 10	55,340 3 7	63,332 14 5	57,071 13 7	6,261 0 10	
Tinnevelly	Do. do. ..	132 2 0	89,984 5 8	90,116 7 8	89,024 8 11 + (b) 13 1 6	1,078 13 3	(b) Amount written off in Governmen, Order, No. 626, Revenue Departmentt dated 12th September 1895.
North Malabar	Do. do. ..	508 6 8	16,263 12 7	16,772 3 3	16,105 8 7	666 10 8	
South Malabar	Do. do. ..	..	57,560 4 5	57,560 4 5	55,536 12 5	2,023 8 0	
South Canara	Do. 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	5,04,038 7 9 + 31 8 7	20,790 8 7	

MADRAS,
5th September 1896.

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

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.
	RS.	RS.	RS.	RS.	RS.	RS.	RS.
Northern Circle.							
Ganjám	11,199	9,407	45,739	21,820	22,453	56,938	53,680
Vizagapatam	595	2,044	40,201	16,980	15,101	40,796	34,125
Gódávari	1,667	1,373	1,08,400	36,554	16,584	1,10,067	54,511
Kistna	452	1,213	1,38,204	36,306	42,845	1,38,656	80,364
Kurnool	7,496	6,670	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
Central Circle.							
Nellore	32,007	22,695½	88,227	14,865¾	14,238¾	1,20,234	51,800
Cuddapah	34,055	22,580½	1,69,519	36,610¼	24,965⅓	2,03,574	84,156
Chingleput	107	2,128 10/12	25,363	14,886½	14,398½	25,470	31,414
North Arcot	15,436	13,498	1,30,008	23,623½	58,607 1/12	1,45,444	95,729
South Arcot	5,766	7,313⅓	90,245	29,890	30,777 2/3	96,011	67,981
Salem	64,618	54,551 5/6	1,93,194	41,133 3/6	70,803 2/3	2,57,812	1,66,489
Trichinopoly	8,811	8,400 11/12	66,591	25,331 5/12	21,435¼	75,402	68,250
Tanjore	..	999 2/6	15,786	3,839 2/6	3,419 2/6	15,786	8,258
Total ..	1,60,800	1,32,168¼	7,78,933	1,90,180½	2,38,646¼	9,39,733	5,60,995
Southern Circle.							
South Canara	15,598	21,063	42,672	16,504	14,470	58,270	52,037
North Malabar	6,163	27,902	9,943	3,087	11,520	16,106	42,509
South Malabar	35,074	36,326	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	69,219	59,624
South Coimbatore ..	45,757	59,718	43,751	8,939	31,292	89,508	99,979
Madura	7,764	11,328	49,308	8,015	30,401	57,072	49,744
Tinnevelly	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	3,94,843¼	17,97,182	4,36,540½	6,36,604¼	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.

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. (a)
Conservator. Northern Circle.	Captain Gunning	Purchased in July 1895	Per head ..	
Ganjám	Kesari Pyari	Purchased in November 1894 at the Sonepur fair.	Do. ..	37 1 3
Gódávari ..	Surat Pari	Do. do. ..	Do. ..	51 8 8
Kurnool	Byragi Piari	Do. do. ..	Do. ..	46 8 6
South Coimbatore.	1. Sankara	Received from North Malabar on 28th June 1888.	Do. ..	39 4 10
	2. Chloe	Received from South Malabar, August 1888.		
	3. Karthiyayani	Do. do. May 1889.		
	4. Peria Rani	Do. do. 19th August 1891.		
	5. Sinna Rani	Captured, 25th September 1892 ..		
	6. Phyllis, II	Do. 23rd July 1893		
	7. Jumbu, II			
	8. Ranger			
Nilgiris	1. Latchmi	Transferred from the Anamalais on the 30th January 1892	Do. ..	46 14 5
	2. Chinna Latchmi ..	Born in 22nd February 1888		
	3. Akbar Baksh	Do. in 9th April 1889		
	4. Meenatchi	Purchased in September 1894		
	5. N. Latchmi			
South Canara ..	Canara Shankara ..	Do. on 2nd August 1894	Do. ..	38 9 3
South Malabar ..	1. Vixen	Transferred from Wynaad in 1882 ..	Do. ..	27 12 9
	2. Peyru	Purchased from Mr. Morgan in 1885..		
	3. Samson	Captured on 3rd January 1886 ..		
	4. Eva	Do. on 17th February 1886 ..		
	5. Theebow	Do. on 9th January 1887		
	6. Juno	Transferred from Wynaad on 29th September 1888.		
	7. Jupiter	Captured on 11th February 1889 ..		
	8. Maharajah	Do. on 10th February 1890 ..		
	9. Jumbu	Do. on 31st March 1890		
	10. Gordon	Do. on 21st April 1890		
	11. Eddy	Do. on 24th December 1890 ..		
	12. Mary	Transferred from South Coimbatore in August 1891		
	13. Loo	Captured on 10th December 1891 ..		
	14. Hercules	Do. on 25th February 1893 ..		
	15. Parvathi	Do. on 2nd March 1893		
	16. Jessie	Do. on 1st April 1893		
	17. Tippu	Transferred from South Coimbatore in December 1893.		
	18. Maharani	Captured on 16th March 1894		
	19. Venus	Do. on 27th June 1893 and transferred from North Malabar on 29th August 1894.		
	20. Alice	Captured in February 1893 and transferred from North Malabar on 29th August 1894.		
	21. Pragasam	Captured on 22nd November 1894 ..		
	22. Dora	Do. on 23rd November 1894 ..		
	23. Bagavathy	Do. on 11th February 1895 ..		
	24. Charlie			
	25. Percy			
	26. May			
	27. Harry			
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
	4. Lallameah	Captured in March 1891	Do. ..	40 5 10
	5. Cherry..	Do. in May 1892	Do. ..	29 11 10

(a) Not reported.

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.
	Elephants.		RS. A. P.
Nilgiris ..	1. Ethol	Captured on 18th April 1895 and transferred from North Malabar in June 1896.	Per head .. 25 10 8
	2. Seetha ..	Captured on 13th September 1895 and transferred form North Malabar in June 1896.	Do. .. 15 10 8
South Malabar ..	1. Mare ..	Captured, 11th January 1896 ..	Do. .. 8 12 9
	2. Abdul ..	Captured, 4th October 1891 and transferred from South Coimbatore on 18th June 1896	Do. ..
North Malabar ..	1. Umrakhan, II ..	Captured, 30th September 1895 ..	13 0 0
	2. Moideenkhan ..	Do. 3rd Jan. 1896 ..	13 8 4
	3. Ganga prashad ..	Do. 6th Feb. ,, ..	24 11 5
	4. Padmini ..	Do. 8th ,, ..	27 15 0
	5. Prapathi ..	Do. 15th ,, ..	18 15 8
	6. Mothy ..	Do. 22nd ,, ..	20 0 7
	7. Kadar Bakah ..	Do. 29th ,, ..	29 13 2
	8. Krishna ..	Do. 3rd Mar. ,, ..	24 15 3
	9. Zahara ..	Do. 14th ,, ..	16 15 8
	10. Shegarem ..	Do. 14th ,, ..	8 14 6
	11. Pyrrha ..	Do. 13th April ,, ..	18 0 10
	12. Thiebee ..	Do. 15th ,, ..	43 9 10
	13. Saraswathi ..	Do. 29th May ,, ..	26 3 2
	14. Plato ..	Do. 27th ,, June ,, ..	..
	15. Colleen ..	Do. 28th ,, ,, 1895 ..	..
	16. Seetha ..	Do. 13th Sept. ,, 1895 ..	27 4 3

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.
	Elephants.		RS. A. P.	
Vizagapatam ..	Mothimala ..	Purchased in November 1894 at the Sonepur fair.	Per head .. * 85 3 9	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.	Coriae ..	Captured on the 20th October 1893 and received from South Coimbatore on 7th March 1895.	Do. .. 27 8 0	Died on 26th October 1895.
North Malabar.	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. Gungaprashad.	Do. on 6th Feb. 1896.	Do.	Sold in auction.
	5. Ashee Beo ..	Do. on 21st June 1895.	Do. .. 27 9 11	

* 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.		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.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Northern Circle.		RS.		RS.		RS.		RS.		RS.		RS.		RS.		RS.
Direction	24	402	24	402	..	..	..	..	..	..	..	..	109	1,790	109	1,790
Ganjám	36	817	42	900	273	435	271	404	.	..	..	..	77	556	78	548
Vizagapatam	20	356	20	356	164	206	164	206	..	..	..	..	45	371	45	371
Gódávari	(a) 60	534	64	567	648	1,244	682	1,296	..	..	..	..	85	658	86	661
Kistna	67	1,042	67	1,236	465	594	468	653	..	..	..	..	89	796	112	955
Kurnool	58	621	72	655	922	1,225	1,029	1,157	..	..	..	..	118	766	133	800
Bellary	83	220	83	201	305	453	334	458	..	..	..	..	45	302	45	282
Anantapur	(a) 53	257	53	240	226	(a) 752	246	723	..	..	..	..	84	552	91	553
Total, Northern Circle ..	401	4,249	425	4,557	3,003	4,909	3,188	4,897	..	..	..	..	652	5,791	699	5,960
Central Circle.																
Direction	* 49	* 830	49	830	..	..	..	..	..	..	..	..	* 100	* 1,022	100	1,022
Cuddapah	(a) 102	(a) 724	125	628	(a) 469	(a) 1,377	475	1,356	3½ miles	13,967	3½ miles	13,967	120	(a) 841	118	872
Nellore	56	389	57	390	430	1,101	430	1,101	21 9¾ miles	34,802	246 9¾ miles	35,031	74	416	87	600
Chingleput	21	368	21	368	393	733	405	778	..	..	..	..	73	698	73	698
North Arcot	21	602	20	542	7,352 cwt. 33	2,011	1,350 cwt. 33	1,780	13	88	13	79	134	521	152	570
South Arcot	118	1,415	118	1,415	1,001	710	1,001	710	7	271	7	271	178	1,590	192	1,714
Salem	126	1,413	133	1,458	1,603	2,960	1,620	3,007	2	21	2	21	327	1,505	341	1,658
Trichinopoly	39	412	55	419	(a) 973	(a) 1,163	1,053	613	(b) 2	(b) 20	2	10	100	769	123	690
Tanjore	26	(b) 116	21	105	177	(a) 140	110	86	..	..	..	..	79	(a) 327	78	352
Total, Central Circle ..	558	6,269	599	6,155	6,398 cwt. 33	10,195	6,444 cwt. 33	9,431	45 13¼ miles.	49,169	276 13¼ miles.	49,379	1,185	7,689	1,264	8,176

(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.
* 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.		Difference in value	
	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	In favour of the year.	Against the year.
	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35
Northern Circle.		RS.		RS.		RS.		RS.		RS.		RS.		RS.		RS.	RS.	RS.
Direction	..	..	..	..	(b) 1	(c) ..	1	(c) ..	..	..	..	..	134	2,192	134	2,192	..	..
Ganjám	22	15,904	24	15,766	1	1,800	1	1,800	..	..	..	..	409	19,512	416	1,948	..	94
Vizagapatam	18	1,035	18	1,035	1	(c) ..	..	..	1	10	1	10	249	1,978	249	1,978	..	..
Gódávari	37	25,217	44	26,565	..	..	..	..	(e) 190	2,660	189	2,340	1,020	30,313	1,065	31,429	1,116	..
Kistna	57	11,123	61	12,273	..	..	..	..	7	2,610	5	2,000	685	16,165	713	17,117	952	..
Kurnool	58	25,136	56	29,361	(b) 1	1,600	1	1,600	18	93	20	169	1,175	29,441	1,311	33,742	4,301	..
Bellary	16	3,481	22	3,948	..	..	..	..	26	82	27	84	475	4,538	511	4,973	435	..
Anantapur	13	12,800	14	12,808	..	..	..	..	..	..	..	..	376	14,361	398	14,324	..	37
Total, Northern circle..	221	94,696	239	1,01,756	4	3,400	3	3,400	242	5,455	242	4,603	4,523	1,18,500	4,797	1,25,173	6,673	..
Central Circle.																		
Direction	..	..	..	..	..	..	..	..	..	..	..	..	149	1,852	149	1,852	..	..
Cuddapah	109	(a) 19,465	108	19,985	1	18	1	18	..	..	..	..	801 3½ miles	36,392	827 3½ miles	36,826	434	..
Nellore	9	2,079	9	2,079	..	..	..	..	241	5,154	241	5,154	831 9¾ miles	43,941	1,070 9¾ miles	44,355	414	..
Chingleput	17	4,086	17	4,300	..	..	..	..	31	27	31	27	535	5,912	547	6,171	259	..
North Arcot	(d) 40	8,296	41	8,298	.	..	..	..	..	..	..	..	1,560 33 cwt.	11,518	1,576 33 cwt.	11,269	..	249
South Arcot	17	9,161	18	9,532	..	..	..	..	584	1,611	591	1,611	1,905	14,758	1,927	15,253	495	..
Salem	19	13,971	19	15,489	..	..	..	..	3	84	4	87	2,080	19,954	2,119	21,720	1,766	..
Trichinopoly	9	1,832	9	2,530	..	..	..	..	(a) 1,126	(a) 427	1,118	603	2,249	4,623	2,360	4,865	242	..
Tanjore	10	460	8	441	..	..	..	..	..	..	..	..	292	1,043	217	984	..	59
Total, Central circle ..	230	59,350	229	62,654	1	18	1	18	1,985	7,303	1,985	7,482	13¼ miles 33 cwt. 10,402	1,39,993	13¼ miles 33 cwt. 10,792	1,43,295	3,302	..

(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) Not reported. (d) Shown wrongly in previous year's return under "*Miscellaneous.*"
(e) Uniforms, kumblees, buttons, &c., received for supply to the Forest Guards are removed from this return.

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.		RS.		RS.		RS.		RS.		RS.		RS.		RS.		RS.		RS.		RS.
Direction	41	454	41	454	1	30	1	30	..	..	..	..	95	720	97	723	..	..	..	..
South Canara ..	98	1,066	109	1,092	512	691	544	725	..	..	..	..	144	1,248	157	1,325	..	..	..	..
North Malabar ..	(a) 44	(a) 1,062	47	1,104	(a) 517	(a) 1,165	626	1,423	..	..	..	..	(b) 85	664	87	692	..	..	..	..
South do. ..	23	915	27	939	541	601	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	66	296	73	294
South do. ..	(a) 78	(a) 1,601	78	1,583	(a) 588	(a) 618	583	601	(a) 6,560	(d) 264	6,560	255	320	1,903	365	2,213	..	..	..	..
Madura (c) ..	45	1,267	54	1,283	523	932	1,107	931	..	..	..	..	201	1,122	214	1,124	..	..	..	..
Tinnevelly ..	(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	9,953	1,616	10,806	66	296	73	294
Grand Total ..	1,469	20,233	1,600	21,089	cwt. 33 13,881	23,775	cwt. 33 14,834	22,400	mls 13¼ 6,632	50,282	mls 13¼ 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.		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.		Difference in value	
	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	In favour of the year.	Against the year.
	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35
Southern Circle.		RS.		RS.		RS.		RS.		RS.		RS.		RS.		RS.	RS.	RS.
Direction	..	..	..	..	..	..	..	..	623	549	646	574	760	1,753	755	1,781	28	..
South Canara	22	7,533	21	7,458	..	..	1	..	463	1,415	613	1,656	1,240	11,953	1,445	12,256	..	303
North Malabar	..	..	..	..	1	(b) ..	22	(b) 29,350	8	61	Not reported.		684	11,402	782	32,569	..	21,167
South do.	24	31,730	27	33,346	10	8,450	29	37,500	(c) 139	1,200	211	1,371	805	68,901	959	74,421	..	5,520
Nilgiris	48	6,203	53	6,062	28	34,000	6	5,500	17	146	21	179	1,183	13,022	1,045	15,445	..	2,423
North Coimbatore ..	51	13,020	49	12,313	5	3,500	..	..	(a) 237	(a) 294	319	476	992	17,464	1,201	16,731	..	733
South do.	(a) 48	(a) 27,463	48	27,463	..	(a) 9,300	8	8,100	(a) 136	(a) 736	136	736	(a) 7,739	41,885	7,778	40,951	..	934
Madura	74	22,549	74	22,549	..	..	..	..	..	..	..	..	843	25,870	1,449	25,887	17	..
Tinnevelly	105	(a) 20,604	111	22,434	..	..	..	..	..	..	..	..	921	26,231	1,008	27,972	1,741	..
Total ..	372	1,29,102	383	1,31,625	53	55,250	66	80,450	1,023	4,401	1,946	4,992	15,167	2,18,481	16,452	2,48,013	29,532	..
Grand Total ..	823	2,83,148	851	2,96,035	58	58,668	70	83,868	3,850	17,159	4,173	17,077	cwt. 33 mls. 13¾ 30,092	4,76,974	cwt. 33 mls. 13¾ 32,041	5,16,481	39,507	..

(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.
(c) Two of these were omitted to be shown in the last year's statement.

FORM No. 65.

Tramway Statement.

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

Nellore District.

i. Sríharikóta 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 5¾ miles = 13,880 ton miles.
Actual cost of work—13,880 ton miles at about As. 3–7 per mile = Rs. 3,064–8–11.
Estimated cost of carting—13,880 ton miles at As. 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 5¾ 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 As. 5–0 = Rs. 2,874–14–0.
Estimated cost of carting—9,124 ton miles at As. 5–5 per mile = Rs. 3,088–13–8.

ABSTRACT.

Year.	Profit. RS. A. P.	Loss. 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—1,323⅔ tons of wood carried over 4 miles = 5,293⅓ ton miles.
Actual charge for carrying—5,293⅓ ton miles at about As. 5–1 per mile = Rs. 1,686–6–4.
Estimated cost by country carts—5,293⅓ ton miles at As. 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 As. 5–6 instead of As. 14–6 per mile.

Capital Account, 1895-96.

Dr.	RS. A. P.	Cr.	RS. A. P.
To balance from 1894-95	14,073 5 6	By depreciation at 6 per cent.	844 6 5
		Balance of stock	13,228 15 1
Total ..	14,073 5 6	Total ..	14,073 5 6

Revenue Account, 1895-96.

Dr.	RS. A. P.	Cr.	RS. A. P.
To working expenses	302 7 8	By balance written off	1,799 14 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	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.

ABSTRACT.

Year.	Profit. RS. A. P.	Loss. RS. A. P.
1885-86	1,070 10 9	..
1886-87	2,610 13 3	..
1887-88	..	569 14 1
1888-89	2,998 10 0	..
1889-90	..	164 12 9
1890-91	3,479 1 5	..
1891-92	2,297 4 8	..
1892-93	2,799 13 9	..
1893-94	* 3,091 3 9	..
1894-95	3,110 13 5	..
1895-96	2,880 0 0	..
Total ..	24,338 7 0	734 10 10
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.	Cr.	RS. A. P.
To balance from 1893-94	12,341 9 0	By depreciation at 6 per cent.	740 7 10
		,, balance of stock	11,601 1 2
Total ..	12,341 9 0	Total ..	12,341 9 0

Revenue Account, 1894-95.

Dr.	RS. A. P.	Cr.	RS. A. P.
To working expenses	197 14 5	By received from contractor for trucking out 1,178 tons of fuel	520 10 0
,, road repairs	81 3 0	By balance written off	992 9 10
,, depreciation	740 7 10		
,, interest at 4 per cent.	493 10 7		
Total ..	1,513 3 10	Total ..	1,513 3 10

Work done—1,178 tons of fuel carried over $1\frac{1}{4}$ miles = $1,472\frac{1}{2}$ ton miles.

	RS. A. P.
Actual charge of carrying—$1,472\frac{1}{2}$ ton miles at Re. 1-0-5 = ...	1,513 3 10
Estimated cost by carts—$1,472\frac{1}{2}$ ton miles at Re. 1 = ...	1,472 8 0

Capital Account, 1895-96.

Dr.	RS. A. P.	Cr.	RS. A. P.
To balance from 1894-95	11,601 1 2	By depreciation at 6 per cent.	696 1 0
		,, balance of stock	10,905 0 2
Total ..	11,601 1 2	Total ..	11,601 1 2

Revenue Account, 1895-96.

Dr.	RS. A. P.	Cr.	RS. A. P.
To working expenses	152 14 0	By revenue from contractor for trucking out 210 tons fuel	126 0 0
,, road repairs	50 12 6	By balance written off	1,278 4 2
,, depreciation	696 1 0		
,, interest at 4 per cent.	464 0 8		
,, Tramway repairs	40 8 0		
Total ..	1,404 4 2	Total ..	1,404 4 2

Work done—$756\frac{1}{2}$ * tons fuel carried over $1\frac{1}{2}$ miles = $\frac{3}{2} \times \frac{1513}{2} = \frac{4539}{4}$ or $1,134\frac{3}{4}$ ton miles.

	RS. A. P.
Actual carrying charge of—$1,134\frac{3}{4}$ ton miles at Rs. 1-3-10 = ...	1,404 4 2
Estimated cost by carts—$1,134\frac{3}{4}$ ton miles at Re. 1-0-0—	1,134 12 0
Loss ..	269 8 2

* Of these $546\frac{1}{2}$ tons were trucked by the department.

Abstract.

Year.	Profit. RS. A. P.	Loss. 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.	Cr.	RS. A. P.
To balance from 1893-94	52,897 1 8	By depreciation at 6 per cent.	3,197 5 6
,, cost of painting the tramway trucks..	158 12 4	,, balance of stock	50,091 11 6
,, repairs to plant	233 3 0		
Total ..	53,289 1 0	Total ..	53,289 1 0

Revenue Account, 1894-95.

Dr.	RS. A. P.	Cr.	RS. A. P.
To working expenses	4,321 3 1	By balance written off	9,721 15 7
,, 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	Total ..	9,721 15 7

Work done—1,627 tons ($5,206\frac{3}{25}$ candies or 65,079 cubic feet) of timber moved over four miles = 6,508 ton miles.

	RS. A. P.	RS. A. P.
Actual charges of carrying—6,508 ton miles at Rs. 1-7-11 per ton mile = ...		9,721 15 7
Estimated cost by carts—6,508 ton miles at Rs. 1-0-8 per ton mile = ..	6,779 2 8	
Annual cost of maintaining cart road before construction of tramway (now sanctioned)	1,200 0 0	7,979 2 8
Loss ..		1,742 12 11

Capital Account, 1895-96.

Dr.	RS. A. P.	Cr.	RS. A. P.
To balance from 1894-95	50,091 11 6	By depreciation at 6 per cent.	3,031 2 0
,, extension of tram line up top slip ..	16 0 0	,, balance of stock	47,487 9 9
,, 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	Total ..	50,518 11 9

Revenue Account, 1895-96.

Dr.	RS. A. P.	Cr.	RS. A. P.
To working expenses	4,768 4 1	By balance written off	9,923 11 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	Total ..	9,923 11 1

Work done—1,797 tons ($5,748\frac{24}{25}$ candies or 71,862 cubic feet) of timber moved over 4 miles = 7,188 ton miles.

	RS. A. P.	RS. A. P.
Actual charges—for carrying 7,188 ton miles at Rs. 1-6-1 per ton mile		9,923 11 1
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)	7,487 8 0	
Annual cost of maintaining cart-road—before the construction of tramways	1,200 0 0	8,687 8 0
Loss ..		1,236 3 1

1 candy = $12\frac{1}{2}$ cubic feet. 1 ton = 40 cubic feet.

Abstract.

Year.	Profit. RS. A. P.	Loss. 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

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.
	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 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 Ganjám and Gódávari, 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 Ganjám, 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 under settlement 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.
	SQ. MLS.	SQ. MLS.	SQ. MLS.	SQ. MLS.	SQ. MLS.
Outturn	2,063	2,261	1,350	680	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 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. MLS.
(i) Notified under section 4	4,422
(ii) Reserved lands not brought under settlement	1,957
(iii) Further selections	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 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.

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

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.
	MLS.	MLS.	MLS.	MLS.	MLS.	MLS.	MLS.	MLS.	MLS.
Northern Circle.	1,474	896	664	404	499	855	152	270	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
	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.
Average cost per mile	2 7 1	2 5 2	2 13 6	11 0 9	9 0 10	8 14 7	7 14 5	6 13 11	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 lxv 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.

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

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 Gódávari. In the Southern and Central Circles there was less

Appendices D and I 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 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 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 Sríharikóta 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 case dealt with by the magistracy.
	Cases pending.	New cases.	Total.	Withdrawn.	Compounded.	Dealt with by magistracy.	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.

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 Tinnevelly 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.
	SQ. MLS.		RS. A. P.
1892–93	5,100	95	13 2 3
1893–94	5,044	94	9 2 5
1894–95	4,979	94	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 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 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.

* *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 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.

† 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

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).
	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	10,79,886
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.
Departmental working.	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
Private working.		
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 .. .. } Net profits	2,55,254 0 0	2,73,330 0 0
Minor produce .. } Net profits	4,09,672 0 0	5,74,740 0 0

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.
	RS.	RS.	RS.	RS.	RS.	RS.
Receipts	6,04,314	6,09,343	7,23,859	7,76,451	7,97,546	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

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 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.

* *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 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.

† 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

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).
	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	10,79,886
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.
Departmental working.	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
Private working.		
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 .. .. } Net profits	2,55,254 0 0	2,73,330 0 0
Minor produce .. } Net profits	4,09,672 0 0	5,74,740 0 0

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.
	RS.	RS.	RS.	RS.	RS.	RS.
Receipts	6,04,314	6,09,343	7,23,859	7,76,451	7,97,546	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.
	RS.	RS.	RS.	RS.	RS.	RS.
Receipts	5,62,950	5,70,293	5,04,038	19,43,715	19,77,182	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 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 H 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.

No. $\frac{798}{174-4}$-F., dated Simla, the 16th August 1897.

From—DENZIL IBBETSON, Esq., C.S.I., Secretary to the Government of India, Department of Revenue and Agriculture,

To—The Secretary to the Government of Madras, Revenue Department.

I am directed to acknowledge the receipt of your endorsement No. 370-A. dated the 21st May last, with which you forward the orders of the Madras Government on the Report on Forest Administration in the Madras Presidency for the year 1895-96, and to communicate the following remarks.

2. It is explained in paragraph 5 of the Madras Government's orders on the report, that although the additions made during the year to the area of Reserved forests amounted to 858 square miles, final notifications were issued for only 808 square miles, as against 913 square miles in the previous year. The Government of India acknowledge the force of the considerations set forth in paragraph 5 of the resolution as explaining the slower progress of forest settlements, but are glad to observe that every effort will be made to bring the work to a close within the period estimated. It is important to complete the settlement operations at as early a date as possible, as the work of selecting and demarcating the areas to be reserved, and the subsequent attendance on the Forest Settlement Officer, necessarily interfere greatly with the current executive duties of Forest Officers of all grades. It is observed that 12,388 square miles of the forest area in the Madras Presidency have already been constituted reserves under section 16 of the Forest Act, that 4,733 square miles have been notified under section 4 and are in various phases of settlement, and that the programme for ultimate reservation includes nearly 20,000 square miles, or upwards of 22 per cent. of the raiyatwari area of the Presidency. This is a very satisfactory result.

3. The Government of India observe that the "preliminary demarcation" which is a first step towards forest settlement, and which properly forms part of the settlement operations, has been included throughout together with the final demarcation of the settled forest, and discussed in the chapter which deals with the measures taken to secure the State property from encroachment. The Government of India think that it would be more convenient to keep these two matters distinct; and that the inclusion of the preliminary demarcation in Form No. 46 renders the figures of that table misleading.

4. It is observed that the figures given in paragraph 17 of the report and in Form No 47 respectively do not agree. This may be due to the fact that they relate to different periods; but if this is the case, the fact should have been explained. The figures given in the body of the report have been accepted in the Government resolution; and to judge from these, the satisfactorily large outturn of survey work and low cost-rate of past years have been maintained. During the last eight years 5,110 square miles have been surveyed the annual outturn of the final topographical survey has now risen to nearly 1,000 square miles; and since it has been decided to further strengthen the Forest Survey Staff of the Presidency by the transfer of an additional survey party, it may be hoped that the survey of all forest reserves for which accurate maps are required will be completed within the next few years. It would appear that the figures in Form No. 47 include the preliminary surveys of areas to be notified under section 4 of the Forest Act. The remark already made regarding preliminary demarcation is equally applicable here. Such surveys form part of the forest settlement proceedings, whereas Form No. 47 is intended to show the progress made in the survey of permanently settled Government property.

The Government of India are pleased to see that the preparation of working-plans is now receiving serious attention. It is true that during the year such plans were completed for only 96 square miles; but others, covering an area of 808 square miles, were under preparation, and in consideration of the fact that the Forest staff in many districts is still largely employed on forest settlements, the progress was perhaps as great as could be expected.

5. The Government of India concur in the opinions expressed by the Madras Government in paragraph 14 of the resolution regarding breaches of forest law. The Board have no doubt stated facts which in some measure explain the high percentage of acquittals; but the fact remains that the proportion is higher than in many other provinces where the same considerations apply with equal force.

A further improvement has taken place in fire-conservancy; the area successfully protected by special measures has increased by 700 square miles; and though, for reasons fully explained in the report, a temporary rise in the cost-rate took place in the Northern Circle, the average rate for the Presidency again shows a considerable decrease. A most satisfactory feature is that this decrease has been continuous for the last four years.

The Government of India are glad to observe that the system of leasing grazing has been virtually discontinued, that the good results that were anticipated from the *parcellaire* system have ensued, and that its extension to other districts is in contemplation. They also cordially concur in the remarks of the Madras Government, contained in paragraph 16 of their Resolution, on the subject of grazing by sheep and goats. The absolute necessity of excluding these animals, at any rate for certain periods, from areas on which the reproduction of tree-growth is desired, may at once be admitted. But nothing short of the fact that in no other way is it possible to secure to the people the supply of forest produce that is necessary to them, can justify the virtual denial to them of the means of supporting these useful animals.

6. The Chapter on the improvement of forest growth contains much that is highly interesting, and shows that due attention is paid to sylvicultural questions. It is clearly shown that where the forests are protected from fire and where grazing can be restricted and controlled, reproduction may be entrusted to nature, and arboriculture need be resorted to only in special cases. The facts reported regarding the natural reproduction of the *Ceara*-rubber have been noticed with special interest. The problem of supplying the steadily increasing demand for rubber is daily becoming more and more difficult, and the possibility of creating natural rubber-producing forests should not be lost sight of.

It would be interesting if the history of the attack by caterpillars on the new leaves in the sâl tract in Ganjam could be more fully reported upon, and if steps could be taken for the identification of the insect, as similar occurrences have taken place in other parts of India. Ths authorities of the Indian Museum at Calcutta may be able to furnish assistance, if entomological advice is not available nearer at hand.

Thinnings and other operations for the improvement of the growing stock have been carried out only to a limited extent; but now that the subordinate establishment has been increased and that the selection of reserves is nearing completion in several districts, it is hoped that greater attention will be paid to these matters, which are next in importance only to protection from fire and the regulation of grazing. The Government of India are glad to observe the constant expansion of regulated fellings.

7. The demand for forest produce showed considerable variations in the several districts, but the result for the Presidency is an increase under every head. It is difficult to institute any statistical comparison between the respective advantages of departmental and private extraction,—among other reasons, because, as pointed out in the report, the former frequently deals with produce of a superior quality. The Government of India admit that the special circumstances of particular cases must be allowed full weight in dealing with them; but they are satisfied that whenever the proper execution of regular fellings can be secured by private agency, it is ordinarily advisable to contract departmental operations in favour of private enterprise, due care being at the same time taken that no monopolies grow up, and that the raiyat is able to supply his wants in small quantities and at a cheap rate.

The marked increase in the yield under minor forest produce, amounting to over 22 per cent., was to some extent due to a further rise in the grazing revenue, but mainly, it appears, to greater activity in the markets for tanning material.

With regard to the question of imposing a royalty upon mica, the Government of India understand that the demand for this mineral has very largely and suddenly increased during the past few years, and that the prices now obtained for mica of good or fairly good quality are most remunerative.

8. The financial results of the year's working are exhibited in the following table:—

Year.	Circle.	Receipts.	Charges.	Surplus.	Proportion of Surplus to gross Revenue.
		Rs.	Rs.	Rs.	Per cent.
Forest year ...	Northern ...	7,23,859	3,83,877	+ 3,39,982	47
	Central ...	9,39,733	5,60,995	+ 3,78,738	40
	Southern ...	5,04,038	5,24,116	— 20,078	...
	Total in 1895-96 ...	21,67,630	14,68,988	+ 6,98,642	32
	" " 1894-95 ...	19,77,182	14,54,298	+ 5,22,884	26
	Increase in 1895-96	1,90,448	14,690	1,75,758	6
Financial year ...	Northern ...	6,68,061	3,77,645	+ 2,90,416	43
	Central ...	9,21,402	5,41,857	+ 3,79,545	41
	Southern ...	5,21,105	5,26,104	— 4,999	...
	Total in 1895-96 ...	21,10,568	14,45,606	+ 6,64,962	31
	" " 1894-95 ...	18,94,029	13,86,345	+ 5,07,684	27
	Increase in 1895-96	2,16,539	59,261	1,57,278	4
	Average for the five years ending 1894-95.	17,81,608	13,30,135	4,51,473	25

The extraordinary expenditure amounted to about Rs. 1,20,000 during the year, but against this may perhaps be set off the extraordinary revenue derived from timber upon land taken up for cultivation.

9. The Government of India have already addressed the Madras Government separately* regarding the curtailment of some of the returns furnished with Forest Administration Reports. It would appear that sufficient care has not always

*Circular No. 12-F.-245—1 dated 25th June 1897.

been taken to secure accuracy in the figures embodied in the returns. Thus, the detail of expenditure upon new works and upon repairs given in Form No. 46 do not agree with those given in abstract G of paragraph 14 of the report; while the total which is common to both differs, as pointed out by the Conservator, from the audited figures of the year. So again, the figures of Form No. 52 do not agree with those given in Appendix F. to the report. It would greatly facilitate reference to the tables appended to the report if the number of the form were repeated in the heading of every page.

10. The report itself forms a useful summary of the progress made in the forest administration of the Presidency, and the Government of India agree that it reflects credit on the compiler. They also concur with the Madras Government that the officers of the Department deserve credit for the good results achieved, and I am to convey their warm acknowledgments to the Governor in Council for his exhaustive review of the year's work.

Appendix showing the discrepancies noti[illegible] the Madras Forest Administration Report for 1895-96.

NORTHERN CIRCLE.

FORM No. 54.

(*List of Topes.*)

The addition of the detailed area figures gives a total for the Circle of 3,535 and not 3,555 acres. The Grand Total for the Presidency is correspondingly affected.

FORM No. 72-A.

(*Timber and other produce cut, collected and removed by consumers or purchasers.*)

Rs. 3,046 is here shown as the amount realized from sales of minor produce in the Godavari District, while according to Form No. 56, Rs. 5,376 was thus realized.

CENTRAL CIRCLE.

FORM No. 53.

(*Area of Plantations.*)

The areas entered under Regular Plantations in column 3 against Trichinopoly and the Vellangadi reserved forest in the Tanjore District have been excluded from the list in 1895-96 because they are now being treated as reserved forest. This should also be done in the case of the area entered against Cuddapah, which is stated in footnote (*b*) to be included in reserved forests.

FORM No. 54.

(*List of Topes.*)

According to the return for 1894-95 there were 111 topes aggregating an area of 1,752 acres in the Nellore District. This area has been omitted in the return for 1895-96 without any explanation.

SOUTHERN CIRCLE.

(*Timber and other produce cut, collected and removed by consumers or purchasers.*)

It is here shown that 2,444 bamboos were extracted by purchasers from the North Malabar forests, whereas according to Form No. 56 the number was 2,044.

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